Nasdaq Calypso

BO Modules Release Notes

April 2025
Approved

These release notes describe the fixes for the Calypso Back Office modules – BO Messaging (MX messages), Matching, Swift MT. These release notes are also available in the cumulative release notes.

As of the 18 February 2024 MR, the Matching Module no longer has its own version number. It is an internal module. The corresponding release notes are part of the Monthly Release Notes only.

Cumulative Release Notes

▶ You can view cumulative release notes for all 16.1 releases in the Excel spreadsheet – **Cumulative Release Notes v16**.

▶ You can view cumulative release notes for all 17 releases in the Excel spreadsheet – **Cumulative Release Notes v17**.

User Documentation

▶ Calypso MX Payment Messages documentation

▶ Calypso Cash Management documentation

▶ Calypso Message Matching documentation

▶ Calypso Swift Messages documentation

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Release Notes – BO Messaging (MX Messages)

1.1   August 2021 - BO Messaging 1.21.21 (16.1.0.85 – Sept 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.21	00019538		BOMSG-1153	Issue	Issue – For Margin Call trades, templates PaymentCOVMXCHAPS.Selector and pacs.001.009.CHAPS, <InstrForNxtAgt> not being set. Impact Analysis – Local impact to MXMessageContextReportHandler.
BO Messaging 1.21.21	00011832 00014601	RPM-4311	BOMSG-1152	Enh	Issue – pacs.008 SIX template – Remove block <CdtrAgtAcct> as it is optional. Fix – Removed block <CdtrAgtAcct> from SingleCustomerCreditTransferSIX.xml.
BO Messaging 1.21.21	00011832 00014601	RPM-4311	BOMSG-1151	Enh	Issue - pacs.009 - Populate the tag <EndToEndId> with Trade Id. Fix – Populated <EndToEndId> in GeneralFinancialInstitutionTransferSIX.xml.
BO Messaging 1.21.21	00011832 00014601	RPM-4311	BOMSG-1150	Enh	Issue - camt.029 - Tag <AddtlInf> is now mandatory and its format has changed. Fix – Tag <AddtlInf> is now displaying: ATR7 <linked camt.056 message id> ATR6 <transfer attribute CancelAdditionalInformation>
BO Messaging 1.21.21			BOMSG-1149	Issue	Issue - Incorrect Settlement Date populated for integrated camt056, pacs008, pacs009 and camt029. Impact Analysis – Local impact to CashMessageHandler – Fixed date format issue.
BO Messaging 1.21.21		RPM-5540	BOMSG-1148	Enh	Issue – The Sender engine should block MX messages that do not pass XSD validation.

Component	HD/Case	RPM	Issue	Type	Description
					Fix – Added environment property VALIDATE_MX_FORMAT. When set to true, the Sender engine block an MX message if there is an XSD validation error and creates an exception task.
BO Messaging 1.21.21	00019503		BOMSG-1145	Issue	Issue - Incomplete Cdtr tag in pacs009 template. Impact Analysis – Local impact to GeneralFinancialInstitutionTransferCHAPS.xml – Tag <Cdtr> populated with name and address if no BIC is configured for the legal entity.
BO Messaging 1.21.21		RPM-5538	BOMSG-1143	Enh	Issue – CBPR camt.057 – March 2021 Swift updates. Fix - Removed tag <Acct> under NtfctnToRcv/Ntfctn/Itm/Acct. Added tag <Acct> under NtfctnToRcv/Ntfctn/Acct. Added tag <UETR> under NtfctnToRcv/Ntfctn/Itm/UETR.
BO Messaging 1.21.21		RPM-5538	BOMSG-1142	Enh	Issue – CBPR pacs.004 – March 2021 Swift updates. Fix – The following tags have been added: PmtRtr/TxInf/RtrdIntrBkSttlmAmt - Taken from transfer attribute InterbankSettleAmount or Settle Amount/ PmtRtr/TxInf/RtrdInstdAmt - CCY_AMOUNT PmtRtr/TxInf/XchgRate - EXCHANGE_RATE between trade ccy and settle ccy - Only applies to PmtRtr/TxInf/ChrgBr - DETAILS_OF_CHARGE (default value is SHAR) PmtRtr/TxInf/ChrgsInf/Amt - If ChrgBr field = CRED, Payment Transfer Amount – Interbank Settle Amount PmtRtr/TxInf/ChrgsInf/Agt/FinInstnId/BICFI – If ChrgBr field = CRED, Sender.SWIFT PmtRtr/TxInf/RtrChain/Dbtr/Agt/FinInstnId/BICFI - Taken from XferAttribute ReturnInstructingAgentBIC of the transfer generating the message

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.21		RPM-5538	BOMSG-1141	Enh	Issue – CBPR pacs.002 – March 2021 Swift updates. Fix – Change to pacs.002.001.CBPR.xsd only.
BO Messaging 1.21.21		RPM-5538	BOMSG-1140	Enh	Issue – CBPR pacs.008 – March 2021 Swift updates. Fix – The following tags have been added: FIToFICstmrCdtTrf/CdtTrfTxInf/InstgRmbrsmntAgtAcct/Id/IBAN – PO intermediary 1 account if IBAN.Intermediary = true FIToFICstmrCdtTrf/CdtTrfTxInf/InstgRmbrsmntAgtAcct/Id/Othr/Id – PO intermediary 1 account if IBAN.Intermediary = false or not set FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgsInf/Amt - If ChrgBr field = CRED and Customer Xfer trade, SENDER_CHARGE; If ChrgBr field = DEBT and Customer Xfer trade, RECEIVER_CHARGES; If not Customer Xfer trade and ChrgBr field = CRED, Payment Transfer Amount – Interbank Settle Amount FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgsInf/Agt/FinInstnId/BICFI - If ChrgBr field = CRED, Sender.SWIFT; If ChrgBr field = DEBT, Receiver.SWIFT The following tags have been removed: FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgsInf/Agt/FinInstnId/Nm FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgsInf/Agt/FinInstnId/PstlAdr FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgsInf/Agt/FinInstnId/PstlAdr/PstCd FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgsInf/Agt/FinInstnId/PstlAdr/TwnNm FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgsInf/Agt/FinInstnId/PstlAdr/Ctry
BO Messaging 1.21.21		RPM-5538	BOMSG-1139	Enh	Issue – CBPR pacs.009 – March 2021 Swift updates. Fix – The following tags are now mandatory: FICdtTrf/CdtTrfTxInf/InstgAgt FICdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId

Component	HD/Case	RPM	Issue	Type	Description
					FICdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BICFI
					FICdtTrf/CdtTrfTxInf/InstdAgt
					FICdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId
					FICdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BICFI
BO Messaging 1.21.21		RPM-2557	BOMSG-1129	Enh	Issue - MX Messaging = Add camt.053 CBPR generation.
BO Messaging 1.21.21		RPM-2643	BOMSG-1128	Enh	Issue - MX Messaging – Add camt.052 CBPR generation.
BO Messaging 1.21.21			BOMSG-1127	Enh	Issue – Changes to sese.023.T2S for SR 2021. Fix - Adjusted the deal price to manage negative amounts. When trade keyword STCO = BPSS, /SctiesSttlmTxInstr/SttlmParams contains: \<SttlmTxCond> \<Cd>BPSS\</Cd> \</SttlmTxCond>
BO Messaging 1.21.21			BOMSG-1126	Enh	Issue – Changes to sese.024.T2S for SR 2021. Fix - When counterparty attribute INTERNAL_SETTLEMENT = INTS, tag /SctiesSttlmTxStsAdvc/SttlmParams/ contains: \<SttlmTxCond> \<Cd>INTS\</Cd> \</SttlmTxCond> Added message attribute Processing_Status based on the field /SctiesSttlmTxStsAdvc/PrcgSts/PdgPrcg with value IPRC//PPRC. Added message attribute Processing_Reason based on the field SctiesSttlmTxStsAdvc/PrcgSts/PdgPrcg/Rsn/Cd/Cd with value PPRC//PREA etc.

Component	HD/Case	RPM	Issue	Type	Description
					Added message attribute Matching_Date baed on the field SctiesSttlmTxStsAdvc/TxDtls/MtchdStsTmStmp.
					Added message attribute Acknowledged_Date based on the field /SctiesSttlmTxStsAdvc/TxDtls/AckdStsTmStmp.
BO Messaging 1.21.21	00017564		BOMSG-1117	Issue	Issue – DbtrAcct/Othr tag in pacs.008 CBPR+ should be populated with PO account is IBAN.Agent is false not set.
					Impact Analysis – Local impact to SingleCustomerCreditTransferCBPR.xml.
BO Messaging 1.21.21		RPM-6155	BOMSG-1111	Enh	Issue - Update camt.029 Target 2 to be aligned with other jurisdictions using Reject_Request action.
					Fix – The following fields have been modified:
					RsltnOfInvstgtn/Assgnmt/Assgnr/Agt/FinInstnId/BICFI - Taken from XferAttribute InstructingAgentBIC of the transfer generating the message
					RsltnOfInvstgtn/Assgnmt/Assgne/Agt/FinInstnId/BICFI - Taken from XferAttribute InstructedAgentBIC of the transfer generating the message
					RsltnOfInvstgtn/Sts/Conf - Taken from XferAttribute ConfirmationStatus selected in the Reject_Request window, CNCL, FTNA or RJCR
					RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlGrpInf/OrgnlMsgId - Taken from XferAttribute MessageIdentifier of the transfer generating the message
					RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlGrpInf/OrgnlMsgNmId - Taken from XferAttribute MessageType of the transfer generating the message
					RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlInstrId - Taken from XferAttribute InstructionId of the transfer generating the message
					RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlEndToEndId - Taken from XferAttribute EndToEndId of the transfer generating the message

Component	HD/Case	RPM	Issue	Type	Description
					RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Rsn/Cd – Taken from XferAttribute CancelReason generated with the Reason entered in the Reject_Request window
					Or RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Rsn/Prtry – Taken from XferAttribute CancelReasonProp generated with the Reason entered in the Reject_Request window
					Or RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/AddtlInf – Taken from XferAttribute CancelAdditionalInformation generated with the AdditionalInfo entered in the Reject_Request window
BO Messaging 1.21.21		RPM-6107	BOMSG-1108	Enh	Issue – Changes to TARGET2 AppHeader template. Fix – The following fields have been modified: AppHdr/Fr/FIId/FinInstnId/ClrSysMmbId/ClrSysId/Prtry - Populated with T2ClrSysID_Code legal entity attribute of Message Sender AppHdr/Fr/FIId/FinInstnId/ClrSysMmbId/MmbId - Populated with T2MmbId_ID legal entity attribute of Message Sender

1.2 September 2021 - BO Messaging 1.21.22 (16.1.0.89 – Oct 21 MR)

Upgrade Info

Information	Client Intervention	Component	Description
Upgrade Information	Mandatory	BO Messaging	Change to message workflow to set xfer attribute MXJurisdiction on linked transfer – See issue BOMSG-1169 below for details.

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.22		RPM-5248	BOMSG-1114	Enh	Issue – Add MX Messaging camt.056 CBPR generation.

Component	HD/Case	RPM	Issue	Type	Description
					Fix – camt.056 CBPR generation has been added. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.21.22	00008599	RPM-5714	BOMSG-1158	Enh	Issue – Add MX Messaging camt.050 MEPS generation. Fix – camt.050 MEPS generation has been added. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.21.22		RPM-5905	BOMSG-1161	Enh	Issue – Security – Commons-lang libraries upgraded to version 3.12.0
BO Messaging 1.21.22			BOMSG-1168	Issue	Issue – For Margin call Trade, unable to populate InstrForNxtAgt in the generated Pacs008 message for templates 'PaymentCOVMXCBPR.Selector' and 'Pacs.008.001.CBPR'. Impact Analysis – Local Impact - InstrForNxtAgt is populated in the generated message.
BO Messaging 1.21.22		RPM-5248	BOMSG-1169	Enh	Issue – Enhancement of RECALL functionality for jurisdiction specific reason codes. Fix – On the Message workflow for payments messages, you need to add the UpdateTransfer action on the SENT - ACK - ACKED transition to update the transfer with the xfer attribute MXJurisdiction using the following rule parameter: action=SETLLE,mapping=mappingupdatetransfer. The domain "mappingupdatetransfer" should contain Value = MXJurisdiction, Comment = MXJurisdiction.
BO Messaging 1.21.22		RPM-5247	BOMSG-1171	Enh	Issue – Add MX Messaging camt.029 CBPR generation. Fix – camt.029 CBPR generation has been added. Please refer to Calypso MX Payment Messages documentation for details.

1.3 October 2021 - BO Messaging 1.21.23, 1.21.24, 1.21.25 (16.1.0.94 – Nov 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.25	00017616	RPM-5832	BOMSG-1133	Enh	Issue – MX Messaging: MEPS+ Apr2021 MAS update: camt.029. Fix – Updated xsd file camt.029.001.MEPS.xsd. Tag /Document/RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Orgtr/Id/OrgId/AnyBIC is now mandatory. Removed tag /Document/RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Orgtr/Nm.
BO Messaging 1.21.25	00017616	RPM-5832	BOMSG-1134	Enh	Issue – MX Messaging: MEPS+ Apr2021 MAS update: pacs.009.COV. Fix – Updated xsd file pacs.009.001.COV.MEPS.xsd.
BO Messaging 1.21.25	00017616	RPM-5832	BOMSG-1135	Enh	Issue – MX Messaging: MEPS+ Apr2021 MAS update: pacs.009.CORE. Fix – Updated xsd file pacs.009.001.MEPS.xsd. Tag /Document/FICdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI is now mandatory. Removed tags for Tags for Name, Address, Country Code under CdtrAgt.
BO Messaging 1.21.25	00017616	RPM-5832	BOMSG-1136	Enh	Issue – MX Messaging: MEPS+ Apr2021 MAS update: camt.056. Fix – Updated xsd file camt.056.001.MEPS.xsd.
BO Messaging 1.21.25	00017616	RPM-5832	BOMSG-1137	Enh	Issue – MX Messaging: MEPS+ Apr2021 MAS update: pacs.008. Fix – Updated xsd file pacs.008.001.MEPS.xsd. Added tag /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstdAmt instructed amount, ChrgBr contains CRED or DEBT, and ChrgsInf contains remittance or sender charge amount.

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.25		RPM-5408	BOMSG-1157	Enh	Issue –MX Messaging – Add xsys.002 and xsys.003 messages integration. Fix – xsys.002 and xsys.003 integration has been added. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.21.25	00008599	RPM-5717	BOMSG-1162	Enh	Issue –MX Messaging – Add camt.025 MEPS + template integration. Fix – camt.025 MEPS integration has been added. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.21.25	00021083		BOMSG-1178	Issue	Issue – pacs.009COV CBPR DbtrAcct missing under UndrlygCstmrCdtTrf. Impact Analysis – Local impact to GeneralFinancialInstitutionTransferCovCBPR.xml – Added missing UndrlygCstmrCdtTrf/DbtrAcct tag.
BO Messaging 1.21.25		RPM-6155	BOMSG-1179	Enh	Issue – MX Messaging: TARGET2 Apr2021 UDFS v2.2 update: pacs.008. Fix – Updated xsd file pacs.008.001.T2.xsd.
BO Messaging 1.21.25		RPM-6155	BOMSG-1180	Enh	Issue – MX Messaging: TARGET2 Apr2021 UDFS v2.2 update: pacs.009. Fix – Updated xsd file pacs.009.001.T2.xsd.
BO Messaging 1.21.25		RPM-6155	BOMSG-1181	Enh	Issue – MX Messaging: TARGET2 Apr2021 UDFS v2.2 update: pacs.004. Fix – Updated xsd file pacs.004.001.T2.xsd.
BO Messaging 1.21.25		RPM-6155	BOMSG-1182	Enh	Issue – MX Messaging: TARGET2 Apr2021 UDFS v2.2 update: camt.056. Fix – Updated xsd file camt.056.001.T2.xsd.
BO Messaging 1.21.25	00021540		BOMSG-1185	Issue	Issue – CBPR+ PACS010: IBAN account numbers still dependent on SDI attribute. The IBAN tag should be used if the account ID has the proper IBAN format, regardless of the SDI attributes.

Component	HD/Case	RPM	Issue	Type	Description
					Impact Analysis – Local impact to FinancialInstitutionDirectDebitCBPR.xml – Using IBAN tag if account ID has proper IBAN format.
BO Messaging 1.21.25	00008698		BOMSG-1191	Enh	Issue – Enhance integration of camt.025 SIX to store RejectErrorCode as new message attribute. Fix – Message attribute RejectErrorCode is now stored when importing camt.025 SIX message from second /Document/Rct/RctDtls/ReqHdlg/StsCd tag.
BO Messaging 1.21.25		RPM-6155	BOMSG-1195	Enh	Issue – MX Messaging: TARGET2 Apr2021 UDFS v2.2 update: pacs.050. Fix – The following tags are now mandatory: /Document/LqdtyCdtTrf/LqdtyCdtTrf/LqdtyTrfId /Document/LqdtyCdtTrf/LqdtyCdtTrf/LqdtyTrfId/EndToEndId
BO Messaging 1.21.25		RPM-6155	BOMSG-1196	Enh	Issue – MX Messaging: TARGET2 Apr2021 UDFS v2.2 update: pacs.010. Fix – Updated xsd file pacs.010.001.T2.xsd.

1.4 November 2021 - BO Messaging 1.21.26, 1.21.27 (16.1.0.96 – Dec 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.27	00020478 00020480	RPM-6442	BOMSG-1232	Enh	Issue – MX Messaging: CHAPS Jul2021 v1.2 update: pacs.009COV. Fix – Updated xsd file pacs.009.001.COV.CHAPS.xsd. Added tag /Document/FICdtTrf/CdtTrfTxInf/InstrForCdtrAgt/InstrInf – Sender to Receiver Info from the SDIs or Manual SDIs, Customer Transfer window or SenderInfo transfer attribute. Modified tag /Document/FICdtTrf/CdtTrfTxInf/InstrForNxtAgt/InstrInf to provide the same info.

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.27	00020478 00020480	RPM-6442	BOMSG-1231	Enh	Issue – MX Messaging: CHAPS Jul2021 v1.2 update: pacs.009CORE. Fix – Updated xsd file pacs.009.001.CHAPS.xsd. Added tag /Document/FICdtTrf/CdtTrfTxInf/InstrForCdtrAgt/InstrInf – Sender to Receiver Info from the SDIs or Manual SDIs, Customer Transfer window or SenderInfo transfer attribute. Modified tag /Document/FICdtTrf/CdtTrfTxInf/InstrForNxtAgt/InstrInf to provide the same info. Added tag /Document/FICdtTrf/CdtTrfTxInf/PmtTpInf/LclInstrm/Cd – Set to CLSCCPLCH if PO SDI attribute LocalInstrumentCode = CLSCCPLCH.
BO Messaging 1.21.27	00020478 00020480	RPM-6442	BOMSG-1229	Enh	Issue – MX Messaging: CHAPS Jul2021 v1.2 update: pacs.004. Fix – Updated xsd file pacs.004.001.CHAPS.xsd. Removed tags /Document/PmtRtr/TxInf/RtrChain/Cdtr/Agt/FinInstnId/ClrSysMmbId /Document/PmtRtr/TxInf/RtrChain/Cdtr/Agt/FinInstnId/ClrSysMmbId/ClrSysId/Cd /Document/PmtRtr/TxInf/RtrChain/Cdtr/Agt/FinInstnId/ClrSysMmbId/MmbId
BO Messaging 1.21.27	00020478 00020480	RPM-6442	BOMSG-1228	Enh	Issue – MX Messaging: CHAPS Jul2021 v1.2 update: pacs.008. Fix – Updated xsd file pacs.008.001.CHAPS.xsd.
BO Messaging 1.21.27	00023884		BOMSG-1261	Issue	Issue - Decimal separator in MX message should be DOT irrespective of locale setup. Impact Analysis – Local impact to XMLGeneratorBasedFormatter – Using DOT for decimal separator.
BO Messaging 1.21.27	00023634		BOMSG-1258	Issue	Issue - Tag CdtTrfTxInf/Cdtr in MX Pacs009 COV CBPR should populate Agent BIC of the receiving counterparty instead of the counterparty BIC. Impact Analysis – Local impact.

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.27	00017404		BOMSG-1250	Enh	Issue - MX Messaging: TARGET2 - DN receiver not populated correctly in SAA Header, missing info depending on the type of message. Fix - For all T2 messages except camt.050 the comment of the domain MX.T2 / value ReceiverDNRTGS is used to set the DN receiver. Example: Domain = MX.T2 Value = ReceiverDNRTGS Comment = cn=rtgs,o=trgtxepm,o=swift For T2 camt.050, if the GLAccount defined at PO SDI level has attribute Target2_MCA = true, the comment of the domain MX.T2 / value ReceiverDNCLM is used to set the DN receiver. Example: Domain = MX.T2 Value = ReceiverDNCLM Comment = cn=clm,o=trgtxepm,o=swift If Target2_MCA = false or not set, the comment of the domain MX.T2 / value ReceiverDNRTGS is used to set the DN receiver.

1.5   November 2021 - BO Messaging 1.21.28, 1.21.29 (16.1.0.96 – Dec 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
BO Messaging 1.21.29	00024358 00024398		BOMSG-1278	Enh	Issue – MX Messaging: SAA XML revision version 2.0.11 with RequestType & RequestSubtype to be populated for CHAPS. Fix – Populate the RequestType and RequestSubtype tags with below information for CHAPS messages:

Component	HD/Case	RPM	Issue	Type	Description
					RequestType = <message type> + "." + <comment from domain MX.Versions> for a given message
					RequestSubtype = "boe.chaps." + <comment from domain MX.BAH.BusinessService.Versions> for a given message
					Example:
					Domain = MX.Versions
					Value = pacs.008.001.CHAPS
					Comment = 08
					=> RequestType = pacs.008.001.08
					Domain = MX.BAH.BusinessService.Versions
					Value = pacs.008.001.CHAPS
					Comment = l4l.01
					=> RequestSubtype = boe.chaps.l4l.01
BO Messaging 1.21.29		RPM-6052	BOMSG-1199	Enh	Issue - MX Messaging: Pain 001 CBPR+ Customer Credit Transfer initiation.
					Fix – Added generation of pain.001.001.CBPR messages for Customer Transfer payments.
					You need to use the "pain.001.001.CBPR" template to generate the messages.
BO Messaging 1.21.29	00004874 00017486	RPM-6063	BOMSG-1163	Enh	Issue – Add MX Messaging: SAA XML revision version.
					Fix - Populate the Revision tag as:
					Revision = <comment from domain SAA.Revision.Version> for a given message
					The default value is 2.0.5 if not set.
					Example:
					Domain = SAA.Revision.Version
					Value = pacs.008.001.CHAPS

Component	HD/Case	RPM	Issue	Type	Description
					Comment = 2.0.11 => Revision = 2.0.11
BO Messaging 1.21.29		RPM-1384	BOMSG-1300	Enh	Issue – CLSNow - fxtr016 and fxtr014 modification to include TradInf/SttlmSsnIdr = CNOW. Fix – When trade keyword CLSNow = true, added field TradInf/SttlmSsnIdr = CNOW to fxtr016 and fxtr014 messages.
BO Messaging 1.21.29	00014601		BOMSG-1296	Issue	Issue - MX Messaging: pacs.002 SIX is not linked to outgoing pacs.009 if OrgnlMsgNmId does not contain exact template name. Impact Analysis – Local impact to PACS002MessageHandler – Checking only first 8 characters of template name.

1.6 January 2022 - BO Messaging 1.21.30

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.21.30	00026867		BOMSG-1340	Issue	Issue – CBPR+ - Cannot open pacs.008 when SDI is manual. Impact analysis – Local Impact to CashMXMessageReportStyle – For manual SDIs, allowing Intermediary and Intermediary2 to be null.
BO Messaging 1.21.30			BOMSG-1327	Issue	Issue - ChrgsInf Amt CCY is missing under PACS.008 T2 Jurisdiction. Impact Analysis - SingleCustomerCreditTransferT2.xml - ChrgsInf Amt CCY handled the same way as CBPR ChrgsInf Amt = Settlement amount – InterbankSettleAmount ChrgsInf Ccy is the trade currency
BO Messaging 1.21.30	00026266		BOMSG-1325	Issue	Issue – CBPR - Carriage Return in Address field does not meet validation rules. Impact analysis – Local impact – Updated Address field to proper format.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.21.30			BOMSG-1318	Enh	Issue - Add xsys.002.001.APN and xsys.003.001.APN under domain MX.Templates.
BO Messaging 1.21.30	00022535		BOMSG-1282	Enh	Issue - Populate Additional Attributes for statement CAMT053 similar to MT950. Fix – The following attributes have been added: Currency = //Document/BkToCstmrStmt/Stmt/Ntry/Amt/@Ccy Amount = //Document/BkToCstmrStmt/Stmt/Ntry[Sts/text()="BOOK"]/Amt/text() Settle\ Date = /Body/Document/BkToCstmrStmt/Stmt/Ntry/BookgDt/DtTm/text() Sequence\ Number = //Document/BkToCstmrStmt/GrpHdr/MsgPgntn/PgNb/text() Transaction\ Reference\ Number = /Body/Document/BkToCstmrStmt/Stmt/Ntry/NtryRef/text()

1.7   February 2022 - BO Messaging 1.21.31

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.21.31	00028660		BOMSG-1392	Issue	Issue – The attribute CashStatementProcess is missing for camt.053 CBPR+ messages. Impact Analysis – Local impact to CAMT053MessageHandler – Fixed message lookup when it is split on multiple pages.

1.8   February 2022 - BO Messaging 1.22.0 (16.1 Feb 22 MR)

Important Info

The Legal Entity Full Name is now used instead of the Short Name for tag <Nm> in all MX templates - See issue BOMSG-1210 for details.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.22.0	00022169	RPM-8121	BOMSG-1384	Enh	Issue – MX Messages – Add integration of semt.044 messages (equivalent of MT537). Fix – Added integration of semt.044 messages. Please refer to Calypso Message Matching documentation for details.
BO Messaging 1.22.0	00028273		BOMSG-1383	Issue	Issue - Sender Agent is not identified correctly for incoming CAMT053 while it is working correctly for MT950. Impact Analysis – Local impact to CAMT053ExternalMessageFieldMapper - If multiple Agent have the same BIC, check if an account can be mapped and return the legal entity of the account.
BO Messaging 1.22.0	00028229		BOMSG-1353	Issue	Issue - Error when modifying advice document for MX message within Calypso. Impact Analysis – Local impact – Fixing error.
BO Messaging 1.22.0	00028174		BOMSG-1347	Issue	Issue - Creditor Account ID field on pacs.009 not populated. It should be mapped to /Document/FICdtTrf/CdtTrfTxInf/CdtrAcct/. Impact Analysis – Local impact - Added Creditor Account ID field on pacs.009.MEPS.
BO Messaging 1.22.0			BOMSG-1342	Enh	Issue – Message attribute MXJurisdiction should be generated for all products and all Jurisdictions (T2,CBPR+,CHAPS,MEPS,SIX,APN). Fix – Added message attribute MXJurisdiction for all products and all jurisdictions.
BO Messaging 1.22.0	00026867		BOMSG-1341	Issue	Issue - CBPR+ - Cannot open pacs.008 when SDI is manual. Impact analysis – Local Impact to CashMXMessageReportStyle – For manual SDIs, allowing Intermediary and Intermediary2 to be null.
BO Messaging 1.22.0	00022785	RPM-6697	BOMSG-1315	Enh	Issue - Align message attributes of MT548 and sese.024. Fix - Processing_Status is populated from SctiesSttlmTxStsAdvc/TxId/PrcgSts and Processing_Reaon is populated from SctiesSttlmTxStsAdvc/TxId/PrcgSts/<Rsn>/<Cd>.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.22.0		RPM-6054	BOMSG-1329	Enh	Issue – MX Messaging – Add support for camt.056 AusPayNet template generation. Fix – Added support for camt.056.001.APN generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.22.0		RPM-6993	BOMSG-1294	Enh	Issue – MX Messaging – Add support for the FILE gateway. Fix – Added support for the FILE gateway.
BO Messaging 1.22.0		RPM-6051	BOMSG-1289	Enh	Issue – MX Messaging – Add support for pacs.008 AusPayNet template generation. Fix – Added support for pacs.008.001.APN generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.22.0	00025198 00019509	RPM-6281	BOMSG-1284	Enh	Issue – MX Messaging – Add support for admi.007 T2 template integration. Fix – Added support for admi.007.001.T2 integration. This message is received to inform of a validation error of an outgoing message. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.22.0	00019037 00024312 00018971 00026263	RPM-6251	BOMSG-1259	Enh	Issue –PACS008, PACS009 and PACS009COV for CHAPS, MEPS and CBPR+ - Implement InstrId to be different from BizMsgIdr and MsgId. Fix – Added message keyword INSTRUCTION_ID for InstrId.
BO Messaging 1.22.0	00022064	RPM-5396	BOMSG-1266	Enh	Issue – MX Messaging - CHAPS Payment Messages – Add support for enhanced templates TS2.1: pacs.009 CORE & COV. Fix – To switch to the enhanced templates, the messages need to be added to the domain "MX.EnhancedTemplate.Revision.Version" with comment = TS2.1. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.22.0	00022064	RPM-5396	BOMSG-1265	Enh	Issue – MX Messaging - CHAPS Payment Messages – Add support for enhanced templates TS2.1: pacs.008.

Component	Case	RPM	Issue	Type	Description
					Fix – To switch to the enhanced templates, the messages need to be added to the domain "MX.EnhancedTemplate.Revision.Version" with comment = TS2.1. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.22.0	00022064	RPM-5396	BOMSG-1264	Enh	Issue – MX Messaging - CHAPS Payment Messages – Add support for enhanced templates TS2.1: pacs.004.
					Fix – To switch to the enhanced templates, the messages need to be added to the domain "MX.EnhancedTemplate.Revision.Version" with comment = TS2.1. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.22.0		RPM-6053	BOMSG-1289	Enh	Issue – MX Messaging – Add support for pacs.004 AusPayNet template generation.
					Fix – Added support for pacs.004.001.APN generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.22.0		RPM-6030	BOMSG-1235	Enh	Issue – MX Messaging – Add support for pacs.009 AusPayNet template generation.
					Fix – Added support for pacs.009.001.APN generation and pacs.009.001.COV.APN generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.22.0		RPM-6251	BOMSG-1210	Enh	Issue – MX Messaging: Usage of Legal Entity Full Name instead of Short Name for tag <Nm>.
					Fix – The Legal Entity Full Name is now used instead of the Short Name for tag <Nm> in all MX templates.
BO Messaging 1.22.0		RPM-2577	BOMSG-1209	Enh	Issue – MX Messaging – Add support for camt.060 CBPR template generation.
					Fix – Added support for camt.060.001.CBPR generation. Please refer to Calypso MX Payment Messages documentation for details.

1.9 February 2022 - BO Messaging 1.22.1

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.22.1	00028660		BOMSG-1391	Issue	Issue – The attribute CashStatementProcess is missing for camt.053 CBPR+ messages. Impact Analysis – Local impact to CAMT053MessageHandler – Fixed message lookup when it is split on multiple pages.
BO Messaging 1.22.1	00029278 00028319		BOMSG-1422	Issue	Issue - For MX Messages, when retrieving LE Contact info for the SDI intermediary, the system uses the role "Intermediary" instead of "Agent". Impact Analysis – Local impact to CashMXMessageReportStyle – Using role Agent to retrieve LE Contact info for the SDI intermediary.

1.10 March 2022 - BO Messaging 1.23.0 (16.1 March 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.23.0		RPM-6055	BOMSG-1310	Enh	Issue - MX Messaging: Add support for Camt.029 AusPayNet template generation. Impact Analysis – Added support for Camt.029 AusPayNet template generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.23.0	00027595	RPM-7246	BOMSG-1447	Issue	Issue – Some windows (ISO External Code Window, Outgoing Message Identifier, Incoming Linked Message Identifier, Value Date Control Config Window) are not usable before v15 due to use of an API which was not used in V15. Impact Analysis – Local impact to the listed windows - Using API that is available in previous versions.
BO Messaging 1.23.0	00029728		BOMSG-1443	Issue	Issue – Contact details are not populated to pacs008 messages where unknown is selected on manual SDI. "UNKNOWN BENEFICIARY" is published instead.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – Local impact to CashMXMessageReportStyle – Showing the Debtor, Creditor and RmtInf correctly.
BO Messaging 1.23.0			BOMSG-1429	Issue	Issue – Incorrect Message Field Name generated for Tag IntrmyAgt1 BIC instead of IntrmyAgt1 Nm if BIC is missing.
					Impact Analysis - Local impact – For pacs.008.001 and pacs.009.001, when BIC is missing, IntrmyAgt1 Nm field is populated instead of IntrmyAgt1 BIC field.
BO Messaging 1.23.0	00029320		BOMSG-1427	Issue	Issue – MX Message: pacs.009.001.T2 populates EndToEndId tag as 'NOTPROVIDED'.
					Impact Analysis - EndToEndId tag of pacs.009.001.T2 now populates as message ID.
BO Messaging 1.23.0	00029342 00029421		BOMSG-1434	Issue	Issue – Pagination absence creates problem in incoming CAMT053. CAMT053 statement received from MAS is not getting processed in Calypso successfully since the Statement is reflecting as Incomplete.
					Impact Analysis - Local impact - If there is no page number information, the message is considered complete.
BO Messaging 1.23.0	00025468	RPM-6994	BOMSG-1361	Enh	Issue – MX Messaging: Support for Transmission Report by SWIFT Alliance Access.
					Impact Analysis - Added import of Transmission Report message. Please refer to Calypso MX Payment Messages for details.

1.11 April 2022 - BO Messaging 1.24.0 (16.1 April 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.24.0	00030305		BOMSG-1503	Enh	Issue – For CHAPS TS2.1 messages, InstrId should be stored in INSTRUCTION_ID trade keyword.
					Fix – Added message keyword INSTRUCTION_ID for InstrId for CHAPS TS2.1 messages.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.24.0	00029489		BOMSG-1484	Enh	Issue - ISO20022 pacs.008 CBPR+ showing PO in /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Dbtr instead of account holder. Fix – For a "Customer Transfer" trade, Dbtr is the long name of the From legal entity.
BO Messaging 1.24.0	00031131		BOMSG-1500	Issue	Issue - SEMT020 not processed by MatchIncomingSecurityAdvice. Impact Analysis – Local impact to semt.020.attributes - Allowing the attribute AgentRef to be retrieved from multiple tags: SctiesSttlmTxConfId, SctiesFincgConfId, SctiesSttlmTxAllgmtNtfctnTxId or SctiesSttlmTxGnrtnNtfctnId.
BO Messaging 1.24.0	00029684		BOMSG-1498	Issue	Issue - CAMT053 Statements: STATUS <sts> tag not processed correctly. Impact Analysis – Local impact – Processing <sts> tag correctly.
BO Messaging 1.24.0	00031882		BOMSG-1495	Issue	Issue - Sender and Receiver not set in SESE028, SESE029 and SEMT020. Impact Analysis – Local impact – Setting Sender and Receiver based on linked outgoing message, and only if they are not already set.
BO Messaging 1.24.0	00028303	RPM-9458	BOMSG-1467	Enh	Issue – Add integration of T2S sese.023 messages. Fix – Added integration of TS2 sese.023 messages. Please refer to Calypso Message Matching documentation for details.
BO Messaging 1.24.0	00030854		BOMSG-1512	Issue	Issue - SESE027 not processed when ISIN is not present even though it is not a mandatory tag. Impact Analysis – Local impact to SecurityMessageHandler - If the ISIN is not present in the message, it is not checked against the security of the transfer.
BO Messaging 1.24.0	00031912		BOMSG-1509	Issue	Issue – Unknown error message in sese.020 message. Impact Analysis – Local impact to SecuritiesSettlementInstructionCancellation.xml – Fixed template.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.24.0	00030096 00032460		BOMSG-1507	Issue	Issue - ISO20022 MAS - Intermediary Agent field is not populated. Impact Analysis – Local impact - If multiple intermediary agents are present, then IntermediaryAgent1 the agent between the DebtorAgent and the IntermediaryAgent2.
BO Messaging 1.24.0	00031211		BOMSG-1486	Issue	Issue - PACS.009.001.CBPR template displaying Creation Date Time in 12 hours format instead of 24 hours format. Impact Analysis – Local impact to CashMXMessageReportStyle – Displaying Creation Date Time in 24 hours format.
BO Messaging 1.24.0			BOMSG-1482	Enh	Issue - Make method generateNewTrade of the return transfer window protected instead of private. Fix – In TransferWorkflowActionHandlerRETURN, method generateNewTrade is now protected.
BO Messaging 1.24.0	00031080		BOMSG-1471	Issue	Issue – CAMT053 import - Error when /Document/BkToCstmrStmt/GrpHdr/MsgPgntn/PgNb is not present Impact Analysis – Local impact to CAMT053MessageHandler – Checking for null value.
BO Messaging 1.24.0		RPM-9531	BOMSG-1468	Enh	Issue – Add integration of camt.057 CBPR+ messages. Fix – Added integration of camt.057 messages. Please refer to Calypso Cash Management documentation or details.
BO Messaging 1.24.0	00030943 00031546		BOMSG-1453	Issue	Issue - MX Messages: Contact with expired effective date is incorrectly being picked up. Impact Analysis – Local impact to CashMXMessageReportStyle - Updating the PartySDI before checking the contact.
BO Messaging 1.24.0	00028861		BOMSG-1491	Enh	Issue – CHAPS pacs008 - InstrForCdtrAgt is not correct. Fix - If Sender To Receiver Information is starting with /ACC/, populate tag <InstrForCdtrAgt> <InstrInf> with maximum of 2 lines of 140 characters for each occurrence.

Component	Case	RPM	Issue	Type	Description
					If Sender To Receiver Information is starting with /REC/, populate tag <InstrForNxtAgt> <InstrInf> with maximum of 4 lines of 140 characters for each occurrence.
					If Sender To Receiver Information does not contain /ACC/ or /REC/, populate tag <InstrForNxtAgt> <InstrInf> with maximum of 4 lines of 35 characters for each occurrence.
BO Messaging 1.24.0	00028945 00031212		BOMSG-1488	Issue	Issue – The timestamp in the header should be the same as the timestamp in the message. Impact Analysis – Local impact to CashMXMessageReportStyle - Changed header to have the same timestamp as tag CreDt and CreDtTm.

1.12   May 2022 - BO Messaging 1.25.1 (16.1 May 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.25.1			BOMSG-1553	Issue	Issue - IntrBkSttlmAmt in APN messages should be in format of whole dollar number followed by a decimal point and two decimal digits format amount (e.g., '10.20'). Impact Analysis – While setting up a message and booking a simple transfer trade, transfers are in verified status and format.
BO Messaging 1.25.1	00032385		BOMSG-1545	Issue	Issue—While booking trade and generating payment message (Pacs. 009.APN), the debtor on the message is being populated with an invalid combination of BIC, Name & Country Impact Analysis - The Debtor on the message is getting generated with combination as BIC + Account (Opt) Or Name + Twn Name + Country + Acc (Opt).
BO Messaging 1.25.1	00032866		BOMSG-1539	Issue	Issue – While configuring the message for Pacs.009 RBA to generate the message by booking a trade the tag IntrBkSttlmAmt is coming in Invalid format without any decimal place.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – The system populates the tag <IntrBkSttlmAmt> with 2 decimal places as expected.
BO Messaging 1.25.1	00029728		BOMSG-1535	Issue	Issue – When booking a trade to generate MX message using manual SDI and unknown beneficiary/Agent, street address is missing in APN template and duplicate address is coming in CBPR template.
					Impact Analysis – While booking Simple Transfer Trade with Counterparty as MX_CP and Processing Org as MX_PO to generate MX Message as Pacs.008 for Jurisdiction APN & CBPR, using Manual SDI, Pacs008 tag <AdrLine> under cdtr/PstlAdr is coming as expected.
BO Messaging 1.25.1	00031208		BOMSG-1541	Issue	Issue - RBA - Creditor Account ID & Intermediary Account field on pacs.009 are not populated while generating a transfer agent trade from one account to others.
					Impact Analysis - <CdtrAcct>, <IntrmyAgt1Acct>, and <CdtrAgtAcct> stores the A/C of PO (SDI that receive the fund) in "Agent" tab, "Intermediary2" tab and "Intermediary" tab respectively.
BO Messaging 1.25.1	00029525		BOMSG-1521	Issue	Issue - The generated CAMT.053 messages contain incorrect pagination. Only last message should show LastPgInd = True.
					Impact Analysis - Used Core API to get the Transfer Id. Fixed a sonar quality gate issue. Also did a small refactor around handlers for MX Cash Message. Added new tags in the XML for CAMT.053 to manage intermediary opening and closing balances. Value for Tags <PgNb> and <LastPgInd> are populated correctly for one or multiple transfers.
BO Messaging 1.25.1	00031534		BOMSG-1523	Issue	Issue – Unable to upload bulk CAMT053.
					Impact Analysis – Issue resolved. Can upload multiple CAMT053.
BO Messaging 1.25.1	00032763		BOMSG-1548	Issue	Issue - When env property USE_CCY_ISO_CODE=true, calypso is not using the ISO code from currency default in the MX Messages pacs.000.001.CBPR.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – This correctly picks up the ISO code from the currency default.
BO Messaging 1.25.1		RPM-10176 RPM-7424	BOMSG-1556	Enh	Issue - MX Messaging: Support V2.1 update of all ISO20022 CBPR and all published by SWIFT in Jan 2022. Impact Analysis – Managed CBPR+ v2.1 Jan2022 SWIFT update: head.001 CBPR.
BO Messaging 1.25.1	00017881	RPM-9601 RPM-6136	BOMSG-1558	Enh	Issue - Add optional tags for Clearing System Id for CreditorAgent, Intermediary1 and Intermediary2 in Pacs.004 / Pacs.008 / Pacs.009. Impact Analysis - Tags such as <ClrSysId> & <MmbId> for CreditorAgent, Intermidiary1, Intermidiary2 for pacs.004, pacs.008 and pacs.009 Core & Cov are generated.
BO Messaging 1.25.1	00031346	RPM-10081 RPM-9379	BOMSG-1526	Enh	Issue - MX Messaging: pacs.009 CORE & COV APN optional fields to add: <IntrmyAgt1> & <IntrmyAgt2>. Impact Analysis – For Pacs009APN: BIC for <IntrmyAgt1> and Postal address have town and country in <IntrmyAgt2> of Cpty is populated. For Pacs009COVAPN: Postal address have town and country in <IntrmyAgt1> and BIC for <IntrmyAgt2> of Cpty is populated.
BO Messaging 1.25.1	00029557	RPM-10239 RPM-6806	BOMSG-1560	Enh	Issue – To support the generation of sese.021. Impact Analysis – For the generation of sese.021: Add new template SecuritiesTransactionStatusQuery.xml Add new temporary profile 17.22.X.X to build with core branch FEATURE-BO-RPM-6806-PSEVENTONGENERICOBJECT Junit test with MessageEngine to process the PSEventGenericOnObject Change tag <AcctOwnrTxId> to get the Id of sese.023 from xfer attribute ClientRef/Reference Add fields

Component	Case	RPM	Issue	Type	Description
					Update test
					Update the XSD
					Add new mandatory tag <Nb>
					Sese021 will be generated with all required tags. "AcctOwnrTxId" has value picked up from Sese023 transfer attribute Reference.
BO Messaging 1.25.1	00026265	RPM-9602 RPM-5713	BOMSG-1554	Enh	Issue - Enrichment of PstlAdr tag in MX messages across all jurisdictions. Impact Analysis – Added a condition: If <TwnNm> & <Ctry> both are present, then <AdrLine> should not be present. if <TwnNm> & <Ctry> both are Not present: i.e., If only <TwnNm> or only <Ctry> is present, then only <AdrLine> should be present. Thus, making structured address format to take precedence on the unstructured address format. Postal address for the tags would be populated correctly. if LE contact Address field is not empty, using the tag <AdrLine> which can be configured several times according to the jurisdiction. If not, use the tag from Domain value addressmethod like AddressType, Department, StreetName, etc. Added new tag Parameters, 'param' in template.xsd to configure context and get the value of tag PstCd from contact field Zip Code. Fixed bug to get the tag <Room>.
BO Messaging 1.25.1	00025553	RPM-10175 RPM-7003	BOMSG-1436	Enh	Issue - MX Messaging: Generate camt.056 MX message support with 'CANCEL' action and linked message is either pacs.008 or pacs.009 for V16.1. Impact Analysis - Current camt.056 message generation is triggered via RECALL action on transfer. There are cases when trade/transfer cancellation is triggered by external system (outside Calypso). To support this, an alternate approach for camt.056 message generation is developed in Calypso "out-of-the-box" functionality.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.25.1		RPM-9602	BOMSG-1591	Issue	Issue - Fix regression issue on PstlAdr tag in MX messages across all jurisdictions. The structured address format takes precedence on the unstructured address format.
					Impact Analysis – Detailed address will only be displayed if both Town and Country are present. If any one of the two is missing, then AdrLin will be displayed.
					This is done by adding a condition:
					If <TwnNm> & <Ctry> both are present, then <AdrLine> should not be present.
					If both of <TwnNm> & <Ctry> are Not present, and if only <TwnNm> or <Ctry> is present, then only <AdrLine>should be present.
					The list of impacted templates is:
					pain.001.001.CBPR
					pacs.010
					pacs.010.CBPR
					pacs.009
					pacs.009.APN
					pacs.009.CBPR
					pacs.009.CHAPS
					pacs.009.CHAPS.TS2.1
					pacs.009.COV
					pacs.009.APN.COV
					pacs.009.CBPR.COV
					pacs.009.CHAPS.COV
					pacs.009.CHAPS.TS2.1.COV
					pacs.009.MEPS.COV
					pacs.009.T2.COV

Component	Case	RPM	Issue	Type	Description
					pacs.009.MEPS
					pacs.009.SIX
					pacs.009.T2
					camt.057.001.CBPR
					pacs.004.APN
					pacs.004.CHAPS
					pacs.004.CHAPS.TS2.1
					camt.029.001.CBPR
					camt.029.001.MEPS
					camt.029.001.SIX
					pacs.008
					pacs.008.APN
					pacs.008.CBPR
					pacs.008.CHAPS
					pacs.008.CHAPS.TS2.1
					pacs.008.MEPS
					pacs.008.SIX
					pacs.008.T2

1.13   June 2022 - BO Messaging 1.26.0 (16.1 June 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.26.0	00033412		BOMSG-1609	Issue	Issue - CATT Regression_Sender information and Sender name is not appearing correct in the message report. Impact Analysis – Sender name and information are displayed correctly for CATT for PACS.010.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.26.0	00034308		BOMSG-1606	Issue	Issue – To support special characters in long name for MX message as supported for Street name. Impact Analysis – Updated the long name field to support special characters.
BO Messaging 1.26.0	00033046		BOMSG-1604	Issue	Issue - Sese.027 uses incorrect tag while mapping to sese.020. For an incoming sese.027 message, system should refer <CxlReqRef> tag for indexing, related to sese.020 message. However, the system uses <SctiesSttlmTxId> tag of incoming sese.027 message, which is related to sese.023 message. So, the reference of message/transfer is stored in //Document/SctiesTxCxlReqStsAdvc/CxlReqRef/Id/text() and not in //AcctOwnrTxId/SctiesSttlmTxId/TxId/text() Impact Analysis – Updated the indexing in the system so that sese.027 is linked to sese.020.
BO Messaging 1.26.0	00031190		BOMSG-1601	Issue	Issue - CBPR+: PACS.009COV – The CdtrAgt tag outside of UndrlygCstmrCdtTrf is not correctly populated. The CdtrAgt tag outside the UndrlygCstmrCdtTrf tag is picking up Cpty Agent contact details instead of cpty Intermediary contact details. Impact Analysis - The CdtrAgt outside the UndrlygCstmrCdtTrf tag is picking Intermediary 1 from the cpty SDI.
BO Messaging 1.26.0	00033277		BOMSG-1598	Issue	Issue - Regression - Issue with Long name and short name MT vs MX. The template GeneralFinancialInstitutionTransferCHAPS.TS2.1.xml was not updated to support the Long Name. Impact Analysis - Removed the domain value MX.EnhancedTemplate.Revision.Version with extension pacs.009.001.CHAPS, and used the regular template which uses the Long Name. This added support for long name to GeneralFinancialInstitutionTransferCHAPS.TS2.1.xml.
BO Messaging 1.26.0	00034493 00034506		BOMSG-1614	Enh	Issue - MX Message - pacs.009.001.APN - Business Service. To provide functionality to add multiple business services (BizSvc) on the MX template pacs.009.001.APN including:

Component	Case	RPM	Issue	Type	Description
					apn.hvcs.01: For domestic message across HVCS.
					apn.hvcs.xbrdr.01: For onward cross border payment using an Australian Intermediary.
					Currently only one value per MX template is supported.
					Impact Analysis – Changes done for all the templates of APN jurisdiction - If counterparty SDI attribute MX.BAH.BusinessService = xbrdr, xbrdr is added to the BizSvc tag.
BO Messaging 1.26.0	00029562	RPM-10484 RPM-7539	BOMSG-1622	Enh	Issue – Support for ISO20022 MX message generation semt.021 via SWIFT Statement Request Window.
					Impact Analysis – Added generation of sese.021 messages to SWIFT Statement Request Window. Please refer to Calypso Messages documentation for details.
BO Messaging 1.26.0	00033693		BOMSG-1595	Issue	Issue - Creditor and Debtor tags of pacs.008 picks data incorrectly from LE Contacts. While booking simple transfer and setting up CP and PO contacts for Product=ALL and Product=SimpleTransfer, Creditor and Debtor tag is picking data from LEContact where Product=AL.
					Impact Analysis - Creditor and Debtor tag is picking data from LEContact where Product=SimpleTransfer.
BO Messaging 1.26.0	00029842 00029557	RPM-10315 RPM-6806 RPM-7434 RPM-10239	BOMSG-1620	Enh	Issue – Security - Import Semt.017 (SecuritiesTransactionPostingReport).
					Impact Analysis – Added import of semt.017 messages. Please refer to Calypso Message Matching documentation for details.
BO Messaging 1.26.0		RPM-9648 RPM-9366	BOMSG-1621	Enh	Issue – To populate Sender & Receiver in MX Message Window for xsys.002 & xsys.003. Sender to be populated with the value from <Saa:Sender> <Saa:FullName> <Saa:X1> and Receiver to be populated with the value from <Saa:Receiver> <Saa:FullName> <Saa:X1>
					Impact Analysis - Added fields 3rdPartySenderInfo for xsys.002 and 3rdPartyRefusalReason for xsys.003

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.26.0	00033183		BOMSG-1578	Issue	Issue - If there is no .xml suffix in the Template column of the Incoming Linked Msg Identifier config window, calypso is not populating the Msg linked id correctly and Msg linked id is blank. Impact Analysis – Msg linked id is populating correctly.

1.14   July 2022 - BO Messaging 1.27.0 (16.1 July 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.27.0	00022969 00034887	RPM-6716 RPM-10284	BOMSG-1653	Enh	Issue – To support the generation of trck.001.001.02 messages for Universal Confirmation Tracker. Impact Analysis - Added support for trck.001.001.02 messages generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.27.0	00033927 00034420		BOMSG-1651	Issue	Issue - MX Messaging: Mandatory updates required for pacs.004 TARGET2 Version 2.2. Impact Analysis - Updated pacs.004.001.T2 template to include <RtrChain> underlying tags. Also fixed an issue on LinkedEndToEndId ording.
BO Messaging 1.27.0	00034005		BOMSG-1649	Issue	Issue – Swift MX pacs009 import - While saving the matching context with "Key.Value Date" as one of the matching criteria and importing the incoming pacs.009 "Key.Value Date" is not populated which is expected to be populated from tag <IntrBkSttlmDt>. Impact Analysis - Populating "Key.Value Date" correctly.
BO Messaging 1.27.0	00033570	RPM-9737	BOMSG-1639	Issue	Issue – Changes needed for CHAPS Enhanced TS2.1 pacs.009 template. In Pacs009 CHAPS, Debtor agent to be removed and Creditor Agent must not be populated if creditor agent = message receiver. Impact Analysis - Removed the elements <Debtor Agent> & <Debtor Agent Account>. Also, added a condition for Creditor that

Component	Case	RPM	Issue	Type	Description
					/Document/FICdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI: is to be populated only if, it is different from message receiver, i.e., Receiver.Swift. Hence, if CdtrAgt = message receiver, the whole elements <CdtrAgt> & <CdtrAgtAcct> won't be present.
BO Messaging 1.27.0	00034946		BOMSG-1635	Issue	Issue - Pacs message Issue: User cannot open generated pacs 008 APN messages when Intermediary is Unknown and defined on Cash Manual SDI. Impact Analysis - When address tab is kept blank no NPE is generated and so user can successfully open the generated pacs 008 APN messages.
BO Messaging 1.27.0	00029843	RPM-7433 RPM-10568	BOMSG-1654	Enh	Issue – Integrate SEMT018 with two <Txs> block and each <Txs> block having TradId equal to Message Id for two outgoing MT543. Impact Analysis – Integrated SEMT018 on Swift portal and replaced the <Tx> tag with <Txs> tag, linked SEMT018 to Outgoing MT543 and validated MsgAttributes as per tags. Please refer to Calypso Message Matching documentation for details.
BO Messaging 1.27.0	00032628 00033595 00032166 00032531 00037086	RPM-10401 RPM-9737	BOMSG-1668	Enh	Issue - MX Messaging: CHAPS Payment Messages – Enhanced Template TS2.1.1 as of 11 MAR 2022- V17 MR. Impact Analysis - New xsd schema provided for all the templates and updated pacs.004, pacs.008, pacs.009 CORE & COV templates CHAPS.TS2.1 for the XML elements with version column being V1.3.0. Also, changed the default behaviour of the domain value MX.EnhancedTemplate.Revision.Version which means that if it is not set or is empty, then TS2.1 CHAPS templates will be used by default.
BO Messaging 1.27.0	00035502		BOMSG-1647	Enh	Issue - Incorrect DataPDU SAA header in CBPR + messages. While saving a message config and saving a simple transfer trade with CP = nonfinancial LE, when pacs.008 and pacs.009 COV are checked if they are generated, Pacs.009cov is rejected due to incorrect DataPDU SAA header.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis - Added RequestType and RequestSubtype for CBPR messages in the template SAA.2.0.11.xml.
					RequestType - Same value as populated in <MessageIdentifier> tag of DataPDU header.
					RequestSubtype - Same value as populated in <BizSvc> tag under <AppHdr>.
BO Messaging 1.27.0	00028303	RPM-9458 RPM-7053	BOMSG-1644	Enh	Issue – To add new message attribute "Other Security Code" to the MX Message Window when importing sese.023 messages.
					Impact Analysis – Added message attribute "Other Security Code", populated from Document/SctiesSttlmTxInstr/FinInstrmId/OthrId.
BO Messaging 1.27.0	00028084 00026372 00031203	RPM-7437 RPM-9646	BOMSG-1641	Enh	Issue - MX Messaging: To sign DataPDU outgoing MX messages with the PO specific MX LAU key and validate the outgoing digest against the freeformat site generated hashcode - https://www.freeformatter.com/hmac-generator.html.
					Impact Analysis - Digital signature LAU is now supported for the generation and integration of MX messages, in addition to the MT messages, using the same config window Swift LAU.
BO Messaging 1.27.0	00034794		BOMSG-1637	Issue	Issue – Parsing logic is not as per the standards for PACS.004 template.
					While setting up the configuration for Outgoing Linked Message Identifier, Incoming Linked Message Identifier for Outgoing Pacs009 & Incoming Pacs004, setting up the workflow for Incoming Pacs004; on booking a trade and generating outgoing pacs009 and importing the Pacs004 where the clearing System is mentioned between <cd>
					<ClrSys>
					<Cd>TGT</Cd>
					</ClrSys>, it is observed that incoming pacs004 doesn't get linked with Outgoing pacs009.
					Impact Analysis - Incoming pacs004 is correctly linked with Outgoing pacs009.

1.15 August 2022 - BO Messaging 1.27.1 (16.1 August 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.27.1			BOMSG-1679	Enh	Issue – To add support for JSON Message Generation. Impact Analysis - Added support for JSON. Used CoreAPI to get Trade Id and managed long/int for Trade Id. Also, added a mime type and put quotes around "date" type.
BO Messaging 1.27.1	00036985		BOMSG-1676	Issue	Issue - When generating MX APN messages with the SAA version 2.0.11, the fields <MessageIdentifier></MessageIdentifier> are populated incorrectly due to the missing value: <transformation type="regexp"> <from>\.APN</from> <to></to> The incorrect value for Pacs.008.001.APN is: <MessageIdentifier>pacs.008.001.APN.09</MessageIdentifier> Similarly, the incorrect value for Pacs.009.001.APN is: <MessageIdentifier>pacs.009.001.APN.09</MessageIdentifier> In both the above cases, APN. is additional. The tag <MessageIdentifier> should be populated as pacs.008.001.09 instead of pacs.008.001.APN.09*, which is not correct. Similar error coming for pacs.009.001.09. Impact Analysis – APN messages are populated correctly now. Missing value added for SAA version 2.0.11 as that of SAA version 2.0.5.
BO Messaging 1.27.1	00036747		BOMSG-1681	Issue	Issue - CHAPS: pacs008: InstrForCdtrAgt (InstructionForCreditorAgent) is not as per specification for CHAPS TS2.1 and TS2.1.1 templates. The specification says that if Code contains the code CHQB, then InstructionInformation must not be used, else InstructionInformation is optional. Impact Analysis - If the Sender to Receiver Information is starting with /ACC/, the populated tag is <InstrForCdtrAgt> <InstrInf> as expected.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.27.1	00035956		BOMSG-1683	Issue	Issue – SEC_DELIVERYMSG is generated as with correct Trade Date in the MX message when transfer is generated while booking Open repo trade. However, while performing Call exercise with a different Agreement date, the MX message (SEC_RECEIPTMSG) is generated with the Trade date same as the Agreement date, which is not correct. Impact Analysis – The Trade date doesn't change to Agreement date and is coming as the actual Trade date for the MX message (SEC_RECEIPTMSG) generated on the back of Call Exercise.

1.16   August 2022 - BO Messaging 1.28.0 (16.1 August 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.28.0	00037315		BOMSG-1719	Issue	Issue - Special characters for MX messages are not converted as that for MT messages. Impact Analysis - Added deaccent to all PstAddr fields for MX messages, which converts special characters to normal ones.
BO Messaging 1.28.0	00035657		BOMSG-1708	Issue	Issue – SWIFTImportMessageEngine doesn't work with MQSeries server for importing MX messages. Impact Analysis – SWIFTImportMessageEngine is running with config as MX and messages are integrated successfully. Imported MX message using ImportMessageEngine with an IBM MQSeries server, messagingPlatform=IBMMQ in calypso_mx_config.properties.
BO Messaging 1.28.0	00037175		BOMSG-1689	Issue	Issue – Pacs.008 and Pacs.002 integration with respect to EBA. Impact Analysis - Added a new Domain Name MXOtherJurisdiction. This domain value contains domain names that represents other jurisdictions that are not supported by Calypso. This permits client to add new jurisdiction if needed. As expected pacs.002 is linked correctly and pacs.008 was moved to ACKED Status.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.28.0	00037307		BOMSG-1716	Issue	Issue – Incoming TransmissionReport message- follows INC_PACS.009 workflow, however, it should follow INC_TransmissionReport workflow. Impact Analysis - As the incoming message is of TransmissionReport type, MessageType column is populated as Transmissionreport. The incoming message is integrated with outgoing message and outgoing message is moved to ACKED status and incoming message to PROCESSED status.
BO Messaging 1.28.0		RPM-5093 RPM-9647	BOMSG-1729	Enh	Issue – MX Messaging: To support pacs.009 & pacs.009.COV HK CHATS template generation. Impact Analysis – Added support for pacs.009 CHATS & pacs.009.COV CHATS generation. Please refer to Calypso MX Payments Messages documentation for details.
BO Messaging 1.28.0		RPM-5093 RPM-9647	BOMSG-1728	Enh	Issue – Enhance SAA header for HK CHATS to use domain MX.CHATS for the Receiver HKICL. Impact Analysis – Fixed FullName/X1 with a new domain value MX.CHATS/ReceiverDN so that now: The <DN> Distinguished Name tag under <Receiver> is populated using the domain "MX.CHATS", value "ReceiverDN ". The <FullName> tag under <Receiver> is populated using the domain "MX.CHATS", value "SAA.Receiver" The comment of the domain "MX.CHATS" for Value = BAH.Receiver is used to set the receiver in the Business Application Header only.
BO Messaging 1.28.0		RPM-5094 RPM-10332	BOMSG-1727	Enh	Issue – MX Messaging: To support pacs.004 HK CHATS template generation. Impact Analysis - Added support for pacs.004 CHATS generation. Please refer to Calypso MX Payments Messages documentation for details.
BO Messaging 1.28.0		RPM-5092 RPM-10937	BOMSG-1730	Enh	Issue – MX Messaging: To support pacs.008 HK CHATS template generation.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis - Added support for pacs.008 HK CHATS. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 1.28.0		RPM-10798 RPM-6991 RPM-10724	BOMSG-1695	Sec	Issue – Update Infosec library to 4.1.19 to address a security issue with JAXB Unmarshaller.
BO Messaging 1.28.0		RPM-9328 RPM-10437	BOMSG-1737	Enh	Issue - MX Messaging: Enhance camt.053 integration process to support multiple account statements (i.e., multiple STMT tag in same message) in a single camt.053 message which is expected in T2/T2S. camt.053 message is also to be used in TARGET2 CLM (Central Liquidity management) service to send "General Ledger" file to central banks. Impact Analysis - A new Domain camt053DuplicateStatement is added which contains one value:allowDuplicate and can be set as True or False. Added support for camt.053. Please refer to Calypso MX Payment Messages documentation for details.

1.17 September 2022 - BO Messaging 1.28.1

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.28.1	00037717		BOMSG-1773	Issue	Issue - Issue on the selection of contact for MX Message. MX message Pacs.010 is getting generated for agent with invalid (Expired) contact details and hence the InstrdAgt is incorrect. Impact Analysis - MX Message Pacs.010 is getting generated with correct contact details of Agent.
BO Messaging 1.28.1	00037104		BOMSG-1748	Issue	Issue - Value Date and Settle date are incorrectly populated in the matching manager In an incoming Camt054.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis - Key.Settle Date is coming as Value Date in message and Key.Value Date is coming as Value Date in message as expected.
BO Messaging 1.28.1	00037547		BOMSG-1745	Issue	Issue – The MX Tags "ClrSysIS_Code" & "MmbId_ID" are not populated for APN jurisdiction on the PACS009 message. Impact Analysis – MX tags "ClrSysIS_Code" & "MmbId_ID" are now populated for APN jurisdiction on the PACS009 message.

1.18　September 2022 - BO Messaging 1.28.2

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.28.2			BOMSG-1753	Issue	Issue – Pacs.004 is not compatible to select the Specific Jurisdiction as per ISO2022 External Code window configuration, which is used to select Return Reason Code from Return transfer window. Impact Analysis - Changed the logic to get ReasonCode in the Transfer Return window. Now first the values defined for the MXJurisdiction attribute of the transfer are checked and in case if nothing is found, then the values are defined with no Jurisdiction.
BO Messaging 1.28.2	00038576		BOMSG-1751	Issue	Issue – Tag InstdAmt is not generated for pacs.008 T2 for a Sender Charge Tag i.e., ChrsInf Tag is generated. Also, in Tag IntrBkSttlmAmt, the value is picking incorrect amount. Impact Analysis - Added InstdAmt tag and updated the LAU block to reflect the changes done in the PDU of the generated message. Also, the tag IntrBkSttlmAmt uses the INTERBANK_SETTLE_AMOUNT for getting correct values.
BO Messaging 1.28.2	00037855		BOMSG-1744	Issue	Issue – The value 'pacs.009.001.COV.08' of element 'OrgnlMsgNmId' is not valid in camt.056 T2. The cancelation message has tag: <OrgnlMsgNmId>pacs.009.001.COV.08</OrgnlMsgNmId>,

Component	Case	RPM	Issue	Type	Description
					however it should be populated with same tag information as populated in \<MsgDefldr\> corresponding to pacs.009COV message of T2. Impact Analysis – The following tag is generated as expected: \<OrgnlMsgNmId\>pacs.009.001.08COV\<OrgnlMsgNmId\>
BO Messaging 1.28.2			BOMSG-1742	Issue	Issue – Pacs.008 APN - Tag IntrBkSttlmAmt is not appearing with the correct Value as compared Against Transfer Attributes & MT103. Impact Analysis – Getting IntrBkSttlmAmt from InterbankSettleAmount transfer attribute as done for MT103.
BO Messaging 1.28.2	00037749		BOMSG-1741	Issue	Issue – Pacs.008.001.T2 - Receiver \<DN\> tag is incorrectly set and seems to be coming from SAA.Receiver domain. Impact Analysis - Changed logic to fill receiver \<DN\> tag for Pacs.008.001.T2.
BO Messaging 1.28.2			BOMSG-1713	Issue	Issue – MX Messaging: pacs.004 template Generation: change on tag SttlmPrty. Impact Analysis - Tag SttlmPrty logic for pacs.004 is changed for following jurisdictions with the below logic: APN: remove tag SttlmPrty because it is not managed in APN pacs.008/pacs.009 CBPR+: Payer.SDIAttributes.CBPRSttlmPrty, otherwise "NORM" (same as CBPR pacs.008/pacs.009) CHAPS: Payer.SDIAttributes.CHAPSSttlmPrty (same as CHAPS pacs.008/pacs.009). Tag is not populated when SDI attribute is missing.

1.19 September 2022 - BO Messaging 1.29.0 (16.1 September 22 MR)

Important Note – Data model and templates changes to accommodate the new features.

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.29.0		RPM-5096 RPM-10938	BOMSG-1805	Enh	Issue – Enhance MX Messaging coverage to support the template generation of pacs.010 for HK CHATS infrastructure. Impact Analysis - Added support for pacs.010 CHATS template generation. Please refer to Calypso MX Payments Messages documentation for details.
BO Messaging 1.29.0	00030788 00030969	RPM-9462 RPM-9650	BOMSG-1793	Enh	Issue - Updates for SIX Release 4.9 2022. Fix – Implemented changes for SIX Release 4.9 2022. To activate the SIX 2022 release, you need to set Value = true in domain "MXUseSIX2022" and set the template name and version in domains "MX.Versions" and "MX.XSD.Version". Example: Domain = MX.XSD.Version Value = pacs.009.001.SIX Comment = 08.ch.02 This release covers: Update of all MX messages to ISO version level 2019. All messages - Mandatory use of UETR. InstructionId is no longer used to populate UETR. Added ClrSys = SIC for SIX jurisdictions. Added SIXSttlmPrty SDI attribute to populate SttlmPrty tag. Added CategoryPurposeProp SDI attribute to populate CtgyPurp tag. Removed ESRPMT payment type. pacs.004 integration – UETR needs to be added to the matching keys of the matching context. ClrSys changed from PCH to SIC. camt.025 integration – Request type changed from CSC to SIC. Updated xsd file for pacs.008, pacs.009, pacs.004, camt.056, camt.029, camt.050.

1.20 October 2022 – BO Messaging 1.29.1

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.29.1	00040047 00039013		BOMSG-1799	Issue	Issue – pacs.008.001.T2 generated from transfer with Counterparty netting does not have Postal Address related tags PstlAdr (Ct.ry, TwnNm, StrtNm, PstCd). Impact Analysis – Local impact to getFromContactIfCustomerTransfer – Getting information from contact correctly.
BO Messaging 1.29.1	00033412		BOMSG-1804	Issue	Issue - Sender/Receiver is not populated when it is not linked to outgoing message. Impact Analysis – Local impact – Enriching MX messages correctly.
BO Messaging 1.29.1	00039202		BOMSG-1786	Issue	Issue - LinkedOrginalMessageId is not populated on CAMT.056 when it is triggered during Trade Cancel Action. Impact Analysis – Local impact – Adding recall information through the MessageIdentifier interface.
BO Messaging 1.29.1	00038672		BOMSG-1780	Issue	Issue - Incorrect contact for camt057 message in field debtor agent. Impact Analysis – Local impact to CashMXMessageReportStyle - Enriching party SDI correctly.

1.21 October 2022 – BO Messaging 1.29.2

Component	Case	RPM	Issue	Type	Description
BO Messaging 1.29.2			BOMSG-1822	Enh	Issue – To add new function for Message Generator. Impact Analysis - Added new function to AbstractGeneratorBasedFormatter including:

Component	Case	RPM	Issue	Type	Description
					'Abs' which will return the Math.abs of the interest given and 'toJSONCommaList' which will return a comma separated list string with quote.
BO Messaging 1.29.2			BOMSG-1819	Issue	Issue - CHATS message validation through xsd is not working and pacs 009 CORE/COV are invalid. Impact Analysis - Fixed the namespace for validation to occur.
BO Messaging 1.29.2	00028084 00026372 00031203		BOMSG-1797	Enh	Issue - Incorrect swift LAU validation while importing message. Impact Analysis - Improved the LAU validation.
BO Messaging 1.29.2	00031980		BOMSG-1787	Issue	Issue - Include optional tags in Pain.001.CBPR. Impact Analysis – Added new tags and included the following optional tags: /Document/CstmrCdtTrfInitn/PmtInf/CdtTrfTxInf/Cdtr/Id/OrgId/Any BIC /Document/CstmrCdtTrfInitn/PmtInf/ChrgBr /Document/CstmrCdtTrfInitn/PmtInf/Dbtr/Id/OrgId/AnyBIC
BO Messaging 1.29.2	00037602		BOMSG-1770	Issue	Issue - It takes too long to process CAMT053 files while importing those pages/messages using MESSAGE_MATCHING ST. Impact Analysis – Resolved performance issue.
BO Messaging 1.29.2		RPM-9462	BOMSG-1721	Issue	Issue - Correct IntrmyAgt1Acct and IntrmyAgt2Acct tags on multiple templates. Impact Analysis – Removed tag IntrmyAgt2Acct from the templates GeneralFinancialInstitutionTransferCBPR.xml and SingleCustomerCreditTransfer.xml and made changes to the following templates: SingleCustomerCreditTransferSIX.xml: CPTY_RECEIVING_INT1_ACC is replaced by CPTY_INT2_ACC

Component	Case	RPM	Issue	Type	Description
					GeneralFinancialInstitutionTransferT2.xml: SDI Attribute Intermediary is replaced by SDI Attribute Intermediary2
					GeneralFinancialInstitutionTransferCovT2.xml: SDI Attributes IBAN Intermediary is replaced by SDI Attributes IBAN Intermediary2 and CPTY_RECEIVING_INT1_ACC is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferCBPR.xml: SDI Attributes IBAN Intermediary is replaced by SDI Attributes IBAN Intermediary2 and CPTY_RECEIVING_INT1_ACC is replaced by CPTY_INT2_ACC
					SingleCustomerCreditTransferCHAPS.TS2.1.xml; CPTY_RECEIVING_INT2_ACC is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferSIX: CPTY_INT2_ACCT is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferCovCHAPS.TS2.1.xml: CPTY_RECEIVING_INT2_ACC is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferCHAPS.TS2.1.xml: CPTY_RECEIVING_INT2_ACC is replaced by CPTY_INT2_ACC

1.22   October 2022 - BO Messaging 1.30.0, 1.31.0

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0		RPM-5097	BOMSG-1842	Enh	Issue – Add camt.056 HK CHATS template generation. Impact Analysis – Added generation of camt.056 CHATS. Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0		RPM-9649	BOMSG-1858	Enh	Issue – Add camt.060 HK CHATS template generation.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Impact Analysis – Added generation of camt.060 CHATS. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0	00039883		BOMSG-1833	Enh	Issue - Add <PmtTpInf><LclInstrm><Cd> to pacs.009 T2 and APN. Impact Analysis – Added <PmtTpInf><LclInstrm><Cd> to pacs.009 T2 and APN – It is set to CLSCCPLCH if PO SDI attribute LocalInstrumentCode = CLSCCPLCH.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0	00039891 00039377		BOMSG-1830	Enh	Issue - TARGET2 - Populate <Receiver>/<FullName>/<X1> tag and <AppHdr>/<To>/<FIId>/<FinInstnId>/<BICFI>. Impact Analysis - When tag <DN> = "cn=clm,o=trgtxepm,o=swift" , then tag <FullName> should be the comment of Value = SAA.ReceiverCLM in domain MX.T2. When tag <DN> = "cn=rtgs,o=trgtxepm,o=swift", the tag <FullName> should be the comment of Value = SAA.Receiver in domain MX.T2.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0		RPM-9451	BOMSG-1857	Enh	Issue – Add generation of seev.033 messages. Impact Analysis – Added generation of seev.033 messages. Please refer to Calypso Corporate Action Elections documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0		RPM-9457	BOMSG-1856	Enh	Issue – Add generation of reda.025 T2S messages. Impact Analysis – Added generation of reda.025 T2S messages using the UPDATE_ELIGIBLE_SECURITIES scheduled

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								task. Please refer to Calypso Fixed Income documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0	00028303		BOMSG-1835	Enh	Issue - sese.023 - Populate OtherID with versions received in MsgDefIdr tag. Impact Analysis - Populating OtherID with versions received in MsgDefIdr tag.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0		RPM-10406	BOMSG-1875	Enh	Issue – Add ability to create multiple messages when integrating semt.017 messages. Impact Analysis - When the imported semt.017 message contains more than one /Document/SctiesTxPstngRpt/FinInstrmDtls/Tx field, multiple messages are created.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0		RPM-7050	BOMSG-1869	Enh	Issue – Add integration of reda.028 T2S messages. Impact Analysis – Added integration of reda.028 T2S messages. Please refer to Calypso Fixed Income documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0		RPM-5101	BOMSG-1866	Enh	Issue – Add integration of admi.002 HK CHATS messages. Impact Analysis – Added integration of admin.002 CHATS messages. Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0			BOMSG-1862	Issue	Issue - Postal Address tag PstlAdr populated incorrectly in pacs.009COV CBPR. Impact Analysis – Local impact – Populating Postal Address correctly.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.0	00034882		BOMSG-1846	Issue	Issue – Error when integrating pacs.004 with custom jurisdiction. Impact Analysis – Local impact – Retrieving the jurisdiction correctly.

1.23   October 2022 - BO Messaging 1.31.1

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Nostro Management	Cross	BO Messaging 1.31.1	00041861		BOMSG-1879	Issue	Issue - INC_CASH_STATEMENT scheduled task error - No Agent Code. Impact Analysis – Local impact to CAMT053ExternalMessageFieldMapper - Setting Agent Code = BIC code instead of LE code.

1.24   November 2022 - BO Messaging 1.31.2 (16.1 November 2022 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.2	00039133		BOMSG-1854	Issue	Issue - XSD validation fails and do not throw an error for tags like Cdtr/Nm while opening the Pacs.008 APN message, when the tag has more characters than set. Impact Analysis - Local impact - Fixed XSD validation for tags like Cdtr/Nm.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.2	00041354		BOMSG-1908	Enh	Issue - CxlRsnInf.Orgtr.Id.OrgId to be added in camt.056 SIX 4.9 message. Impact Analysis - If PO BIC Code and SIXClrSysID Code are set, tag CxlRsnInf/Orgtr/Id/OrgId/Othr/Id is populated with picking value by PO LE attribute SIXMmbId_ID.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.2	00041916 00041917 00041055		BOMSG-1910	Enh	Issue - SIX Release 4.9 Nov' 2022 - Add Clearing code and member id to the Instructing Agent & Instructed Agent in pacs.008 & pacs.009. Impact Analysis - Added Clearing Code and Member Id for Instructing Agent and Instructed Agent in pacs.008 and pacs.009. Also changed the logic of Instructed Agent BIC to be mapped to CPTY's Agent Legal Entity Contact: BIC Code as in SIX current version. Created new keyword TRANSACTION_ID (as we did with INSTRUCTION_ID) so that the clients can set any other reference, but our default will be to populate TRANSACTION_ID with MsgID.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.31.2	00041357		BOMSG-1912	Enh	Issue – SIX Release 4.9 Nov' 2022 – add Clearing code and member id to the Instructing Agent & Instructed Agent in pacs.004. Impact Analysis - Added clearing system cd and member id for instructing agent and instructed agent (/Document/PmtRtr/TxInf/RtrChain/Cdtr/Agt) in pacs.004; Added tag /Document/PmtRtr/TxInf/RtrChain/Dbtr/Pty to

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								populate if LinkedMessageType contains pacs.008; Changed tag /Document/PmtRtr/TxInf/RtrChain/Dbtr/Agt to populate if LinkedMessageType contains pacs.009; Added tag /Document/PmtRtr/TxInf/RtrChain/Cdtr/Pty to populate if LinkedMessageType contains pacs.008; Changed tag /Document/PmtRtr/TxInf/RtrChain/Cdtr/Agt to populate if LinkedMessageType contains pacs.009; Added/Updated some Mandatory, Conditional and Optional XML tags. The above changes are activated only with domain MXUseSIX2022 set to TRUE.

1.25   November 2022 - BO Messaging 1.32.0, 1.32.1 (16.1 November 2022 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00026000	RPM-10601 RPM-9470	BOMSG-1923	Enh	Issue – Add integration of camt.004 (ReturnAccount) messages for TARGET2 infrastructure. Impact Analysis – Added integration of camt.004 messages for TARGET2 infrastructure. Please refer to Calypso MX Payment Messages documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00026522	RPM-11285 RPM-9867	BOMSG-1922	Enh	Issue – To add support for admi.005 TARGET2 template Generation. Impact Analysis - Added generation of admi.005 TARGET2. . admi.005 messages are used to request a report. The possible reports are defined in the domain "MX.Admi005". Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00025999	RPM-10463	BOMSG-1914	Enh	Issue – To add support for camt.003 TARGET2 template Generation to get an account statement. Impact Analysis - Added generation of camt.003 TARGET2 from the Swift Statement Request Window. You can also request statements in batch using the scheduled task MX_GET_ACCOUNT. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00030863	RPM-10339 RPM-9465	BOMSG-1897	Enh	Issue – Add integration of camt.025 enhancement to support outgoing camt.998. Impact Analysis - Message attribute "ReturnedStatus" of incoming camt.025 is enhanced to handle the following two additional request type/status code combination for supporting camt.998 related status. Request Type = XSTS and Status Code = x999 gives ReturnedStatus = NACK Request Type = XSTS and Status Code = COMP gives ReturnedStatus = ACK Here, x999 represents the error code, e.g. E006, E015, etc.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00026001	RPM-10338 RPM-9468 RPM-11267	BOMSG-1896	Enh	Issue – To add support for camt.998 (ModifyCreditLine) TARGET2 template generation. Impact Analysis – Added support for generation of camt.998 TARGET2. The following attributes are added on camt.998: LegalEntityId CreditLineCurrency CreditLineAmount ProcessingOrg GenerationDate IncrDecrCreditLine TransferId Please refer to Calypso Collateral documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00038318		BOMSG-1892	Enh	Issue - To change <PmtTpInf><LclInstrm><Cd> logic for pacs.009CORE & COV CHAPS, T2 and APN. Impact Analysis - Implemented the tag LclInstrm in pacs.009 so as to be based on the PO SDI attribute LocalInstrumentCode and removed the control on value CLSCCPLCH.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00039885		BOMSG-1882	Enh	Issue - Create LE attribute CASH_USE_LEI_FOR_SWIFTMX to control the population of LEI in pacs.009 CHAPS. Impact Analysis - Changed the logic for LEI tags:

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Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								If LE Attribute "LEI" is set, we populate the LEI field, this is the default behaviour.
								If LE Attribute "LEI" is set and LE Attribute CASH_USE_LEI_FOR_SWIFTMX set to FALSE, then we remove the LEI field.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00042268 00039703		BOMSG-1874	Enh	Issue - No matching of incoming for MX message to any PO.
								Impact Analysis – Fixed the issue by using the BIC receiver and the rule MappingIncomingWithContact for mapping.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00039965		BOMSG-1850	Issue	Issue – To remove blanks from SDI Account while populating IBAN.
								Impact Analysis – Removed blanks while populating IBAN.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.0	00039138		BOMSG-1848	Issue	Issue - Intermediary details are not set correctly in pacs008. While creating a manual SDI with only Identifier in Intermediary and manual SDI is used in transfer, IntrmyAgt1 tag <NM> is set as UNKNOWN INT1 instead of INT AGENT.
								Also, when SWIFT BIC is populated, name and address are not populated for manual SDI. It is populating postal address with SWIFT BIC which is not a recommended standard.
								Impact Analysis – When BIC is configured for manual SDI only the <BICFI> tag is generated.
								Fixed the name retrieval when we have a manual party unknown, so that the Intermediary details are set correctly in pacs008.

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Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			BO Messaging 1.32.1			BOMSG-1933	Issue	Issue – Remove duplicate domain key 'jurisdiction'. Impact Analysis – Removed duplicate domain key 'jurisdiction' which already exists in the schemadata.xml file in mx-cash.

1.26 November 2022 - BO Messaging 1.32.2

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.2	00044251 00047475		BOMSG-1950	Issue	Issue - CAMT.056 message is not generated when gateway is FILE. Impact Analysis - When the gateway is set as FILE on both pacs009 and camt056 message setups, the camt.056 is getting generated fine.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.2	00040865		BOMSG-1943	Issue	Issue - The pacs.009COV message contains the related pacs.008 message within the <UndrlygCstmrCdtTrf> tag. The DbtrAgt populates PO Agent BIC but not for the standalone pacs.008 message. pacs.009COV CBPR+ UndrlygCstmrCdtTrf/DbtrAgt is incorrect, it should be same DbtrAgt of pacs.008 CBPR+. Impact Analysis - pacs.009COV CBPR+ UndrlygCstmrCdtTrf/DbtrAg populates PO BIC.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.2	00040407		BOMSG-1939	Issue	Issue – BSB (Bank State Branch Code) information in SDI Identifier field needs to be captured in MX field <CdtrAcct><Id><Othr><Id> in pacs.008 and pacs.009 APN messages.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Impact Analysis – To retrieve the last 6 digits in the Identifier field of the Counterparty SDI Agent tab for Creditor Account and add those 6 digits at the beginning of the field CdtrAcct/Id/Othr/Id followed by the account number from the field account. If Identifier is empty, the logic remains the same to use the field account to populate the Account Id.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.32.2	00041828		BOMSG-1906	Issue	Issue - SNB/SIC - BizSvc field is not populated in Business Application Header for SIX message and change MsgDefIdr tag. Impact Analysis - Updated from <MsgDefIdr> = pacs.009.001 to <MsgDefIdr> = pacs.009.001.02.ch.02. Also, set CHF in <BizSvc>.
			BO Messaging 1.32.2			BOMSG-1904	Enh	Issue – To upgrade MX.Version to 09 for pacs.004. Impact Analysis –Version 09 is now supported for pacs.004.001.CHATS and the domain MX.Versions is updated accordingly.
			BO Messaging 1.32.2			BOMSG-1902	Issue	Issue - To remove <PstlAdr> /<AdrLine> tags (address line) in HKICL SWIFT standards CHATS pacs.008 and pacs.009, for Intermediary 2 (IntrmyAgt2). Impact Analysis - Generated Pacs008 CHATS and Pacs009 CHATS messages for tag IntrmyAgt2 and removed City Name. Address Line <AdrLine> is not populated in the messages.

1.27 January 2023 - BO Messaging 1.33.0, 1.34.0 (16.1 January 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.33.0	00048257		BOMSG-1997	Issue	Issue - Tags "Receiver", "To Institution" and "Instructed Agent" are missing in pacs.008 in case of Cash Manual SDI. Impact Analysis – There might be a contact available for instance for UNKNWOWN AGENT Legal Entity, but then it has no Swift defined. So, in memory we set the BIC retrieved from the BOMessage on the contact, used in the context to display the BIC where it is needed.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.33.0	00041988		BOMSG-1991	Issue	Issue - Incorrect Message Template name "pacs.009.001.SIX" while importing Pacs.009 message. Impact Analysis - Message template name is "pacs.009.001".
			BO Messaging 1.33.0		APL-1764 APL-653	BOMSG-1972	Enh	Issue - To enhance Calypso process to manage the CAMT.056 outgoing message generation for relevant MX jurisdictions (CBPR+, T2, MEPS, CHATS) when original message is pacs.010. Impact Analysis - The enhancement allows for applying RECALL action when transfer is linked to pacs.010. Selector templates (PaymentCOVMXYY.selector) for relevant jurisdiction (CBPR+, T2, MEPS, CHATS) are enhanced to generate camt.056.001.yy message when sub action "CANCEL" is applied and linked message is pacs.010.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.33.0	00018056	APL-775 APL-2384	BOMSG-1969	Enh	Issue - A new message attribute "StatusReasonDescription" should be saved on the incoming pacs.002 message storing the reason description mapped to the reason code

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								from the tag /Document/FIToFIPmtStsRpt/TxInfAndSts/StsRsnInf/Rsn/Cd. Impact Analysis - From the existing message attribute StatusReasonInformation saved from the tag, the system would find a single entry in the ISO20022 External Code window fulfilling the criteria: Type = StatusReason, Code = value of message attribute StatusReasonInformation and Jurisdiction = jurisdiction of the incoming message and copy the value from the column Name and populate the new message attribute StatusReasonDescription. In case of multiple entries, preference will be given to entry with Jurisdiction present.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.33.0	00040769		BOMSG-1963	Issue	Issue – Camt.029 Lifecycle Actions are not managed when RJCR & CNCL is followed by FTNA. Impact Analysis – When integrated the camt.029 through ST with FTNA followed by RJCR and camt.029 through ST with CNCL, camt.029 message is processed successfully.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.33.0	00048365		BOMSG-1961	Issue	Issue - ISO20022 – Both BIC code & Postal Address are populated even if BIC code is present, however postal address should not be displayed when both are present. Impact Analysis - Postal address is not displayed where BIC code is present. Fixed retrieval of Manual SDI Address for Unknown Agent and Unknown Intermediary.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.33.0	00048474		BOMSG-1959	Issue	Issue - NPE is thrown while integration second CAMT.053 template. Impact Analysis – Second CAMT.0523 is also integrated successfully. It happened when in the second message there is no tag for the closing balance.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.33.0	00047285		BOMSG-1948	Issue	Issue - ISO20022 - Postal Address is missing where Beneficiary is unknown, SDI is manual and Financial, and BIC are not provided for pacs.009. Impact Analysis - Postal Address is populated for beneficiary without BIC.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.33.0	00043749 00042441		BOMSG-1945	Issue	Issue – For T2 jurisdiction, unsupported characters are not translated (X-Character Set) and have XSD exception. Impact Analysis – Unsupported characters from (X-Character Set) in Long name, Town name (City) and Street Name of Dbtr and Cdtr are getting translated having no XSD exception. Changed TwnNm and StrtNm for all Jurisdictions and all message types as following: pain.001CBPR.xml pacs.010.xml pacs.010CBPR.xml pacs.010CHATS.xml pacs.009.xml pacs.009APN.xml pacs.009CBPR.xml

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								pacs.009CHAPS.xml
								pacs.009CHATS.xml
								pacs.009Cov.xml
								pacs.009CovAPN.xml
								pacs.009CovCBPR.xml
								pacs.009CovCHAPS.xml
								pacs.009CovCHATS.xml
								pacs.009CovMEPS.xml
								pacs.009CovT2.xml
								pacs.009MEPS.xml
								pacs.009SIX.xml
								pacs.009T2.xml
								camt.057CBPR.xml
								pacs.004APN.xml
								pacs.004CHATS.xml
								pacs.004SIX.xml
								pacs.004T2.xml
								pacs.008.xml
								pacs.008APN.xml
								pacs.008CBPR.xml
								pacs.008CHAPS.xml
								pacs.008CHATS.xml
								pacs.008MEPS.xml
								pacs.008SIX.xml
								pacs.008T2.xml

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.34.0	00050617		BOMSG-2010	Issue	Issue - When the gateway is FILE, then the system does not populate CancellationReason message Attribute and hence, no default CancellationReason Code is populated in the camt.056 message. Impact Analysis - In order to manage the attribute for MX message, we need to have a BOMessageHandler that will call MXUtil.fillDefaultMXMessageInfo in the method fillDefaultMXMessageInfo of the BO Message Handler. The BOMessageHandler is built with: BO<Key>MessageHandler, where Key is a concatenation of: - ProductType + Gateway - ProductFamily + Gateway - Gateway - MessageType + ProductType - MessageType + ProductFamily - ProductType - ProductFamily - MessageType So if a custom Gateway is created for an instance, the class com.calypso.tk.bo.BO<GATEWAY>MessageHandler can be created that can extend AbstractBOMXMessageHandler with nothing implemented.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.34.0	00051015		BOMSG-2008	Issue	Issue - sese.020.001 message generated attributes are rejected by SWIFT. sese.020.001 messages, document and LEI fields for <RcvgSttlmPties> are rejected by Swift EFi T2S. Impact Analysis - Removed % sign, lines with Lei tags and other unwanted messages for T2S portal. Now document for T2S is: <Document xmlns="urn:iso:std:iso:20022:tech:xsd:sese.023.001.07"> and in bond name, % sign is replaced by PC.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.34.0	00050497		BOMSG-2006	Issue	Issue - sese.023.001.T2S message generated attributes are rejected by SWIFT. Impact Analysis - Removed % sign, lines with Lei tags and other unwanted messages for T2S portal. Removed xlsi and xmlns. Now document for T2S is: <Document xmlns="urn:iso:std:iso:20022:tech:xsd:sese.023.001.07"> and in bond name, % sign is replaced by PC.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 1.34.0	00029560	APL-1595 APL-1043	BOMSG-1995	Enh	Issue - To support ISO 20022 MX message integration with seev.036. Impact Analysis - The CorporateActionMovementConfirmation(Seev.036) message is sent by an account servicer to an account owner or its designated agent to confirm posting of securities or cash as a result of a corporate action event. With integration of seev.036: - System will recognize the seev.036 based on the parent tag <CorpActnMvmntConf>

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								- seev.036 would be enhanced with new domain values such as:
								· CAM0025R2
								· CAM0026R1
								· CAM0027R1
								· CAM0028R1
								· CAM0030R1
								· CAM0031R2
								· CAM0032R1
								· CAM0034R1
								· CAMT054
								· CAMT056
								· COLR008
								· COLR016
								· INCOMING_SESE024
								· INCOMING_SESE025
								· INCOMING_SESE027
								· INCOMING_SESE031
								· MT300
								· MT305
								to name a few.
								- Message workflow set up would be same as MT566 for the messages subtype INC_CA. Rest of the process would be exactly similar to MT566.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Added integration of seev.036 messages. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.34.0	00043174		BOMSG-1941	Issue	Issue - ISO20022 CBPR+ Settlement Account is not populating correctly. Tag 'SttlmAcct' of Pacs.008.001.CBPR displays Processing Org GL Account name instead of account number. Impact Analysis - Created a new keyword for Pacs008 CBPR SttlmAcct to fix the issue. Tag 'SttlmAcct' of Pacs.008.001.CBPR displays Processing Org account number instead of GL Account name.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.34.0	00030788 00030969	RPM-9462	BOMSG-1872	Enh	Issue - To add an entry of SQL file into MXML file. SQL file has been created (to update the MX.Versions) into mxml file (So that it will automatically available at the time of ExecuteSQL). Impact Analysis - Added SQL scripts for SIX Release 4.9 Nov' 2022. The SQL file contains the DB Query which updates the Description/Comment of a Domain named "MX.Versions" with a new version for a given message in value column.

1.28   February 2023 - BO Messaging 1.35.0 (16.1 February 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00036104 00040088	APL-1180 APL-4353	BOMSG-2061	Enh	Issue - Enhance "PaymentCOVMX<jurisdiction>.selector" templates for MX messaging. Impact Analysis – For the "PaymentCOVMX< jurisdiction >.selector" templates, when a cover message is applicable, the pacs.008 message uses the pacs.008.001.CBPR template regardless of the jurisdiction, otherwise (no cover message) it uses the pacs.008.001.<jurisdiction> template. This applies to the following templates: PaymentCOVMXT2.selector PaymentCOVMXAPN.selector PaymentCOVMXCHATS.selector PaymentCOVMXCHAPS.selector PaymentCOVMXMEPS.selector
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00054441		BOMSG-2052	Enh	Issue – CancellationReason not set for camt.056 messages based on PaymentOrder and ReceiptNotice. Impact Analysis – Added BOPaymentOrderMessageHandler and BOReceiptNoticeMessageHandler to correctly set MX default values for the MX format of PaymentOrder and ReceiptNotice messages.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00051990		BOMSG-2050	Issue	Issue - Incorrect credit/debit indicator for sese.023.001.T2S template. Indicator shows CRDT for receipt against payment for both credit and debit.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - Indicator displays CRDT for delivery against payment and DBIT for receipt against payment.
			BO Messaging 1.35.0			BOMSG-2047	Enh	Issue – Support V2 (ISO20022) implementation of MEPS payment messages.
								Impact Analysis – The following changes are enabled if domain "MXUseMAS2023" contains Value = True:
								New xsd implemented for MEPS messages. To use the new xsd, specify the xsd suffix in domain "MX.XSD.Version" - Example:
								Value = pacs.009.001.MEPS
								Comment = 2023
								When specified, the new xsd pacs.009.001.MEPS.2023.xsd is selected instead of pacs.009.001.MEPS.xsd.
								Also, some messages require supplemental tags. The supplemental xsd can be specified using domain " MX.Additional.XSD.Version". Example:
								Value = camt.050.001.MEPS
								Comment = SUPP.2023
								Updated BizSvc in the Business Application Header using domain "MX.BAH.BusinessService.Versions". Example:
								Value = pacs.008.001.MEPS
								Comment = mas.scrips.02
								Changed clearing system code from MEP to SCR, defined in domain "MX.ClearingSystemCode":

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Value = MEPS
								Comment = SCR
								PmtTpInf/SvcLvl added in pacs.008 and pacs.009 populated with transfer attribute ServiceLevelCode.
								LclInstrm/Cd added in pacs.009 populated with PO SDI attribute LocalInstrumentCode.
								IntrmyAgt1Acct and DbtrAcct added in pacs.009.
								SplmtryData made mandatory in camt.050.
								Please refer to Calypso MX Payment Messages for complete details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00053384		BOMSG-2046	Issue	Issue – "Key.PO Agent" and "Key.PO Agent Account" are not populated on Matching Manager for incoming MT54x. Impact Analysis - Key.PO Agent and Key.PO Agent Account are populated for incoming MT54x message type.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00052879		BOMSG-2043	Issue	Issue – While uploading the Page 2 of camt.053 message, it is linked to incorrect object id that does not exist. Impact Analysis – Changed the logic of importing camt.053 messages. Now, one BOMessage is created per message that is imported. Once the last page is received, another BOMessage is created that will be the representation of all the messages already received. The CashStatementProcess attribute is used to differentiate between those messages: It is set to Statement for the last message received, and to Ignore for the summary message.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00037868	APL-4208 APL-4209 APL-624	BOMSG-2039	Enh	Issue – To manage multi-addressee for TARGET2 MX messages for branches and credit institutions belonging to a Direct Participant group authorized to settle payment directly. Impact Analysis - Added SDI attribute Target2AccountHolderBIC to set the BIC code of the Target2 Account Holder. It can be set for PO SDIs as well as Counterparty SDIs. If set, it is used instead of the PO BIC code or Counterparty BIC code. The impacted templates are the following: pacs.008.001.T2.xml pacs.009.001.T2.xml pacs.009.001.COV.T2.xml camt.056.001.T2.xml
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00049072		BOMSG-2036	Issue	Issue – System picks wrong contact for PstlAdr under Cdtr tag and always take the default one. Impact Analysis - System returns the address which is defined in the Manual SDI's contact type.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00050578		BOMSG-2034	Enh	Issue – To create matching key PORef for camt.054 message. Impact Analysis – Created matching key PORef for camt.054.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.0	00052285 00043328	APL-655 APL-4369	BOMSG-2032	Enh	Issue – To support TARGET2 ISO20022 MX messages UDFS V3.0 implementation. Impact Analysis - Xsd of following messages are updated.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								head.001.001.01.T2
								pacs.008.001.T2
								pacs.009.001.T2
								pacs.004.001.T2
								pacs.010.001.T2
								camt.056.001.T2
								camt.029.001.T2
								camt.050.001.T2
								camt.998.001.T2
								camt.003.001.T2
								camt.003.001.CLM
								pacs.009.001.COV.T2
			BO Messaging 1.35.0			BOMSG-2029	Issue	Issue – Abs function does not work for Double value. Impact Analysis - Abs function now works for Integers as well as Double.

1.29   February 2023 - BO Messaging 1.35.1

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.1	00055892		BOMSG-2075	Issue	Issue – pacs.008.APN & pacs.009.APN <SenderReference> required format is not recognised by MsgWF rule HandleMX_ACK_NACK. Impact Analysis - Incoming TransmissionReport is successfully linked to Outgoing

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								pacs.009.001.APN with Status as PROCESSED and the payment message is moved to ACKED.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.1	00047544		BOMSG-2071	Issue	Issue – Unresolved case MX ACK/NACK failed to be applied to linked pacs.009/pacs.008 message. The outgoing message is not moved to ACK with the INC_TRANSMISSIONreport. Impact Analysis - Fixed LinkedTransfer and LinkedTrade usage.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.1	00043749		BOMSG-2067	Issue	Issue - Special characters still seen in MX messages where in PstlAdr can have TwnNm for other tags. Impact Analysis – Provided fix for special characters like Ø for the message.

1.30 February 2023 - BO Messaging 1.35.2

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.35.2	00055799		BOMSG-2109	Issue	Issue – While uploading CAMT053 using Message_Matching, INC_CASH_STATEMENT fails and throws an NPE. Impact Analysis – Fixed the processing of CAMT053 for INC_CASH_STATEMENT.

1.31   March 2023 - BO Messaging 1.36.0, 1.37.0 (16.1 March 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.36.0	00031678 00027356	APL-1003 APL-1642	BOMSG-2139	Enh	Issue - To support template integration for pain.002 (CustomerPaymentStatusReport) incoming MX Messaging for CBPR+. Impact Analysis - Added integration of pain.002 CBPR+ messages. The CustomerPaymentStatusReport message is sent in response to CustomerCreditTransferInitiation (pain.001) message. Also, pain.002 is integrated for both accept & reject status and linked to the original pain.001. Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.36.0	00050740 00044200	APL-4375 APL-4510	BOMSG-2136	Enh	Issue - To provide support for multiple clearing member id for same PO in TARGET2 as the same Processing Org may have multiple member id with TARGET2. With current solution of LE attribute, only one member id for each PO can be used. Impact Analysis - Updated logic of <ClrSysId> and <MmbId> tag in head.001.001.T2 & head.001.001.T2S templates to provide support for multiple clearing member id for same PO in TARGET2 MX Messaging.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.36.0	00057779		BOMSG-2135	Issue	Issue - Receiver is not populated on message viewer when multiple LE have same BIC for CAMT053 and CAMT054. Impact Analysis - While integrating message having Parent and Child LE with same BIC with 'MappingIncomingwithContact' comment as Default/No comments for CAMT053, and

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								comment as Default for CAMT054, receiver is populated on message viewer.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.36.0	00025192	APL-4603 APL-4602 APL-4659	BOMSG-2128	Enh	Issue – Enhancement to SAA and APP header for Reda.025 to populate expected DN address for sender and receiver for T2S services. Impact Analysis - Added the below domain values in schema data file and added "MemberID" & "ClearingSysPropId" and their value from domain as a BOMessage attribute when generating reda025 message from BondWindow (Manual Generation). - Domain Name - MX.T2, Value = ReceiveDNCRDM, Comment = cn=crdm,o=trgtxe2s,o=swift - Domain Name - Reda025SenderDN, Value = cn=cms,ou=t2s,o=dknbdkkk,o=swift A new field "Network Info" is added, which is derived from domain value with the below configuration: - Domain Name = NetworkInfo, Value = Reda025, Comment = esmig.t2.iast
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.36.0	00056532		BOMSG-2120	Enh	Issue – PACS.004 (PaymentReturn) SttlmPrty should have SDIAttribute config for SIX and Target2, similar to CHAPS and CBPR. Impact Analysis - For pacs.004 SIX, using Payer.SDIAttributes.SIXSttlmPrty. If empty, then setting it as NORM.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								For pacs.004 T2, using Payer.SDIAttributes.RTGSSttlmPrty. If empty, then setting it as NORM.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.36.0	00052109		BOMSG-2102	Issue	Issue - When the intermediate status code is APPR and the request type is VSTS, the outgoing camt050 should be ACKED, however currently the system moves the outgoing camt050 to NACKED status for Target2. Impact Analysis - Integrated message with BAH having Request Type as 'VSTS' and Status code as 'APPR', outgoing camt050 is moved to 'ACKED' for T2.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.36.0	00025999		BOMSG-2098	Enh	Issue - SAA changes made on SAA.2.0.5.XML for camt.003, should also be done in SAA.2.0.7.XML & SAA.2.0.11.XML. Impact Analysis - While generating camt.003 with services T2(RTGS),CLM,T2S with version 2.0.7 and version 2.0.11 for gateway SAA, the revision version is updated as 2.0.7 and 2.0.11 respectively.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.36.0	00056837		BOMSG-2096	Issue	Issue - Account Id is not displayed in the message window, if camt.060 is generated using account property of IBAN. Impact Analysis - Updated the .fields file for camt.060.
			BO Messaging 1.36.0		APL-4277	BOMSG-2064	Enh	Issue – Add support for seev.039 SWIFT template integration for ISO20022. Impact Analysis – Added support for Integration (receive) seev.039 (Corporate Action Cancellation Advice) for "SWIFT"

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								infrastructure. Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Settlements	Cross	BO Messaging 1.36.0	00053502		BOMSG-2056	Issue	Issue – Formatting issue occurs for Transfer Agent keyword 13CTimeIndication for CLSTm tag. Impact Analysis – While including /CLSTIME/HHMM+HHMM in trade attribute to get reflected in XferAttribute, CLSTm will be populated in HH:MM:SS+HH:MM format where SS is hardcoded to 00 for Pacs009COV CBPR.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 1.37.0	00029558	APL-2362	BOMSG-2152	Enh	Issue – To support ISO 20022 MX message integration (MT535) for semt.002 (SecuritiesBalanceCustodyReport). Impact Analysis – Added integration of semt.002 messages. System recognizes the semt.002 based on the parent tag <SctiesBalCtdyRpt>. The schedule task is Message_Matching and the message workflow set up is same as MT535. Message configuration set up for inbound semt.002 is enhanced with the new domain value under Incoming Type. - Domain name : IncomingType - Value: Semt002 - Comment: Incoming Please refer to Calypso MX Payment Messages documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
ETD EU /or FCM Clearing	None	Cross	BO Messaging 1.37.0	00029559	APL-4274 APL-1776	BOMSG-2148	Enh	Issue - To support ISO 20022 SWIFT message integration for seev.031 (CorporateActionNotification) similar to MT564. Impact Analysis - Added integration of seev.031 messages. System identifies and integrate seev.031 based on main tag <CorpActnNtfctn>. The schedule task is Message_Matching and the message workflow set up is same as MT564. Message configuration set up for inbound seev.031 is enhanced with the new domain value under Incoming Type. - Domain name: IncomingType - Value: SEEV031 - Comment: INC_CA Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Trade Lifecycle	EQD	BO Messaging 1.37.0	00056123 00021300	APL-1542	BOMSG-2146	Issue	Issue - Field should not be displayed in JSONMessage Generator, when translating xml template to json, if columnvalue of a field is empty, Impact Analysis - Fixed the 'HideIfEmpty' when the value is of type 'String'.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.37.0	00031678	RPM-6052	BOMSG-2114	Issue	Issue - Complete field name details for pain.001 CBPR message are missing and only app header information is populated. Impact Analysis - All the field names are populated for pain.001 CBPR messages.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			BO Messaging 1.37.0			BOMSG-2104	Issue	Issue – On generating Pacs.008 CHAPS message, tag IntrBkSttlmAmt is not appearing with the correct Value as compared with the transfer attributes & MT103. Impact Analysis - Tag IntrBkSttlmAmt is appearing with the correct value as that of transfer attributes while generating Pacs.008 CHAPS.
			BO Messaging 1.37.0			BOMSG-2089	Issue	Issue – CdtrAgt, Cdtr name & address tags are not appearing in mapping table under message screen. Impact Analysis - Managed the keys like Debtor Agt Name, Creditor Agt Name, and Creditor Name. As expected, the name values are appearing in the message table.
			BO Messaging 1.37.0			BOMSG-2068	Issue	Issue – Postal address is not getting generated with Manual SDI for PACS.009 COV. Impact Analysis - Added a new context to retrieve the SDI of the linked message when it is a manual SDI.
			BO Messaging 1.37.0		APL-904	BOMSG-2014	Enh	Issue – To enhance camt.998 (ModifyCreditLine) for TARGET2 message generation functionality to support increase/decrease scenario of credit line modification. Impact Analysis - Added support for camt.998.T2 generation. Please refer to Calypso MX Payment Messages documentation for details.

1.32   March 2023 - BO Messaging 1.37.1, 1.37.2

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.37.1	00053478, 00060216		BOMSG-2162	Issue	Issue - While booking a Transfer Agent trade to transfer funds from EUR agent to another agent, it generates a Swift MX pacs.009.001.08 message, which is ACKED. Impact Analysis - Added SttlmAcct tag in pacs.009.001.CBPR template.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.37.2	00042268		BOMSG-2132	Issue	Issue - To change Incoming Sese.24 & PO lookup logic. Impact Analysis - When Incoming Sese.24 is imported, system checks whether incoming tag <AcctOwnrTxId>CC33000102723392</AcctOwnrTxId> is matching with XferAttributes.MATCHING_REF of Outgoing Sese.23. If system does not identify corresponding Outgoing Sese.23 with attribute XferAttributes.MATCHING_REF, then new logic - contact type controlled through Domain MappingIncomingWithContact will be applied.

1.33 April 2023 - BO Messaging 1.38.0, 1.39.0, 1.40.0, 1.40.1 (16.1 April 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.38.0	00026522	APL-1774, APL-854, APL-709	BOMSG-2204	Enh	Issue – To create a GUI, from which generation of admi.005 (ReportQueryRequest message) can be triggered. The enhancement includes the creation of the template to allow users to test ECMS network connectivity. Impact Analysis - Implemented the ISO 20022 standard format of admi.005 GUI with the tags with a default value for tag <Bal> and the current date and time for tag <SchdldTm>.
			BO Messaging 1.38.0		APL-3812	BOMSG-2202	Enh	Issue – To support integration (receive) of Camt.060 (AccountReportingRequest message) as the MX version (ISO 20022) that corresponds to MT920. for CBPR+ infrastructure. Impact Analysis - Added integration of Camt.060 CBPR+ messages. It is sent by the account owner, either directly or through a forwarding agent, to its account servicing institution. Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Nostro Management	Cross	BO Messaging 1.38.0	00060028		BOMSG-2197	Issue	Issue - INC_CASH_STATEMENT is failing if PO Contact is configured with 8 characters BIC for CAMT053. Impact Analysis - Removed dependency on SwiftUtil.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.38.0	00059314		BOMSG-2169	Issue	Issue – To add the ClrsysCode_ID and MemberID to InstgAgt, InstdAgt, IntrmyAgt1, IntrmyAgt2, and Cdtr in pacs.009 CORE and COV APN messages. For Pacs009, BIC is correct but ClrSysID_Code and Mmbld values are not correct for <InstdAgt> tag. Similarly, for Pacs009COV, BIC is correct but ClrSysID_Code and Mmbld values are not correct for <InstdAgt> tag. Also, ClrSysID_Code and Mmbld are not populated for <CdtrAgt> tag. The value for the tag should be populated before <UndrlygCstmrCdtTrf> Impact Analysis - Added ClrsysCode_ID and MemberID to InstgAgt, InstdAgt, IntrmyAgt1, IntrmyAgt2, Cdtr, and CdtrAgt.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.39.0	00061360		BOMSG-2210	Enh	Issue – For Reda.025, tag X1 should be populated using the comment of domain name MX.T2 and domain value SAA.ReceiverT2S. Impact Analysis - When template name contains T2S, receiver/X1 tag is populated using this domain.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.39.0	00061755		BOMSG-2209	Enh	Issue – To check the T2S app header and remove the Schema location from root element in the "document"(reda.025). Impact Analysis - Schema Location does not appear while generating Reda025 from CustomMXTab panel. Also the T2S app header of the generated message, the 'Other tag' appears in Fr and To tags.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			BO Messaging 1.39.0		APL-1910, APL-4273	BOMSG-2206	Enh	Issue – To support ISO 20022 MX message integration with seev.037 which is a replication of the MT566 REVR processing. Impact Analysis – Added integration of seev.037 (CorporateActionMovementReversalAdvice) messages. System recognizes the seev.037 based on the parent tag <CorpActnMvmntRvslAdvc> and the message configuration set up for inbound seev.037 is enhanced with the new domain value under Incoming Type and the message workflow set up is same as MT566 for the messages subtype INC_CA. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.39.0	00054689		BOMSG-2172	Issue	Issue – Outgoing PACS.009 message is not correctly capturing the intermediary as the instructed Agent for SNB which should be <FinInstnId>. Impact Analysis – Pacs.009.001.SIX is generated successfully with value for tag <InstdAgt><FinInstnId><BICFI> under <CdtTrfTxInf> as AGENTBICXXX (Agent's BIC) for BLANK and Agent, and IRVTUS33XXX (Intermediary's BIC) for Intermediary.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.39.0	00057834		BOMSG-2149	Enh	Issue – SESE.029 T2S integration considers AgentRef from AcctSvcrTxId/TxId tag instead of MktInfrstrctrTxId/Id tag. Impact Analysis – If the value received as a NONREF in /Document/SctiesSttlmAllgmtRmvlAdvc/AcctSvcrTxId/TxId, fill the BO attribute Agent_Ref with the value received in

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								/Document/SctiesSttlmAllgmtRmvlAdvc/MktInfrstrctrTxId/Id i.e., to pick the AgentRef from the alternate path if we receive NONREF in original path.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.39.0	00035181	APL-1024, APL-4773, RPM-8104	BOMSG-2082	Enh	Issue - To improve indexation rule of incoming semt.044 (MT537 PENA). Impact Analysis - Workflow rule to copy message_Id to message attribute PORef. Name of the new workflow rule would be SetXferPOReference. Impact Analysis – The system first looks for a reference in RELA or ACOW in incoming MT537 and tries to match it to message attribute: PORef - If found, process ends and message is indexed (if Is External = False) AgentRef - If found, process ends and message is indexed (if Is External = True) If not found the current algorithm continues. Please refer to Calypso Message Matching documentation for a description of the full algorithm.
			BO Messaging 1.40.0			BOMSG-2214	Enh	Issue – To support ISO 20022 MX message integration with seev.039 - External Field Mapper File. Impact Analysis - Integrated Seev.039 message with CxlRsnCd=WITH for an Equity Product and Seev.039 message with :23G:PROC for Bond Product. Please refer to Calypso Messages documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.40.0	00056652, 00056799		BOMSG-2213	Issue	Issue – MX Messaging: Field name of some tags of camt.057 displayed in message viewer window are incorrect. Impact Analysis - camt.057.001.fields file is updated for Debtor BIC, Debtor Agt Name, Debtor Agt Postal Address, IntrmyAgt Name, and IntrmyAgt Postal Address tags.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.40.0	00060039		BOMSG-2176	Issue	Issue – MX Messaging: To make change in default logic for pacs.004.001.CHATS for ChrgBr tag. Impact Analysis - Populated using Details_Of_Charge SDI attribute. If SDI attribute is not present, then no default value will be populated.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.40.0	00036104, 00040088	APL-1180	BOMSG-2138	Issue	Issue – UndrlygCstmrCdtTrf tags are missing for Pacs009 COV for all jurisdictions in Message Mapping Fields. Impact Analysis - As expected, all Underlying Tags are generated in the Message Mapping Table for Pacs009 COV for jurisdictions T2, CHATS, CBPR, MEPS, APN, and CHAPS.
			BO Messaging 1.40.1			BOMSG-2219	Issue	Issue – Profiles 16.22.6.1 and 16.22.7.3 do not include postgreSQL file. Impact Analysis - The fix made sure that all 16.1 profiles contain postgreSQL folder in bin/dbscripts.

1.34   April 2023 - BO Messaging 1.40.2, 1.40.3

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			BO Messaging 1.40.2			BOMSG-2185	Issue	Issue – Message rules HandleMXReceipt for incoming camt.025, HandleMXRsltnOfInvstgtn for incoming camt.029, and HandleMXPmtCancellation for incoming camt.056 are not working and don't move to ACKED status. Impact Analysis – Message rules move to ACKED status by action = ACK (i.e., HandleMXReceipt.Action for camt.025, MXRsltnOfInvstgtn.Action for camt.029, and MXPmtCancellationMessage.Action for camt.056).
Post Trade Processing	Trade Control / Confirmation / Settlement	Cross	BO Messaging 1.40.2	00054807		BOMSG-2182	Issue	Issue - For pacs.002, message rule HandleMXPaymentStatus is not working after integration when domain = MXPmtStatusMessage.Action is used and doesn't move to ACKED status. Though it works fine for default ACK action. Impact Analysis - It moves to ACKED status by action = ACK (i.e., MXPmtStatusACK action).
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.40.3	00061559		BOMSG-2226	Issue	Issue - Issue with usage of method LEContact.setAddressByCode multiple times in the code. Impact Analysis - Method will be cloned form cache to avoid any corruption.

1.35 May 2023 - BO Messaging 1.41.0, 1.42.0 (16.1 May 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO Messaging 1.41.0		APL-5157, APL-2376	BOMSG-2272	Enh	Issue – To add support for Swift MX seev.040.001.XX (CorporateActionInstructionCancellationRequest) template generation as per ISO 20022 regulation. seev.040 template message is sent to request cancellation of a previously sent corporate action election instruction (seev.033) using the logic of MT565. Impact Analysis – Added support for the generation of seev.040.001.XX message template as per ISO 20022. Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.41.0	00043660, 00042704	APL-4437, APL-4438	BOMSG-2267	Enh	Issue - To extend camt.050 support for T2S service for MX messaging. Currently, camt.050 message generation for TARGET2 in Calypso is compliant with RTGS and CLM service. For camt.050.001.T2S SAA header, it should be populated using generic T2S expected values: <Receiver>/<DN> should use domain comment of domain name = MX.T2, domain value = ReceiverDNT2S <FullName>/<X1> should use domain comment of domain name = MX.T2, domain value = SAA.ReceiverT2S Impact Analysis - Added support of TS2 camt.050 messages. Please refer to Calypso Message Matching documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
ETD EU /or FCM Clearing	None	Cross	BO Messaging 1.41.0	00029561	APL-2248, APL-4276	BOMSG-2264	Enh	Issue – To add support for swift seev.035 (CorporateActionMovementPreliminaryAdvice) template integration as per ISO 20022 regulation. seev.035 is sent to pre-advice upcoming posting or reversal of securities and/or cash postings. Impact Analysis – Added integration of seev.035 messages. System identifies and integrate seev.035 based on main tag <CorpActnMvmntPrlimryAdvc>. Message configuration set up for inbound seev.035 is enhanced with the new domain value under Incoming Type. - Domain name: IncomingType - Value: seev.035 - Comment: INC_CA Please refer to Calypso Message Matching documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.41.0	00065427, 00066109		BOMSG-2261	Issue	Issue - Incorrect MsgDefIdr tag, <MsgDefIdr>pacs.009.001.COV.08</MsgDefIdr> is displayed for pacs.009.001.COV.CBPR template. Impact Analysis - Correct MsgDefIdr tag, <MsgDefIdr>pacs.009.001.08</MsgDefIdr> is displaying for pacs.009.001.COV.CBPR template. Removed .COV from MsgDefIdr tag.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.41.0	00065173		BOMSG-2259	Issue	Issue – While generating Camt003 message for CLM, system is ignoring PO Contact Address Method values for "T2ClrSysID_Code" and "T2MmbId_ID" and picking up the values for fields <ClrSysMmbId> and <ClrSysId> <Prtry> from LE Attribute window. Impact Analysis – The values are picked up from PO Contact - Address Method window for fields <ClrSysMmbId> and <ClrSysId> <Prtry>. System will give first preference to PO Contact address method window (Individual field) for these fields and if any value is missing then only it will pick up the value from LE attribute window.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.41.0	00065171		BOMSG-2254	Issue	Issue – While generating Camt003 message for RTGS (T2), system is ignoring PO Contact Address Method values for "T2ClrSysID_Code" and "T2MmbId_ID" and picking up the values for fields <ClrSysMmbId> and <ClrSysId> <Prtry> from LE Attribute window. Impact Analysis – The values are picked up from PO Contact - Address Method window for fields <ClrSysMmbId> and <ClrSysId> <Prtry>. System will give first preference to PO Contact address method window (Individual field) for these fields and if any value is missing then only it will pick up the value from LE attribute window.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.41.0	00064007		BOMSG-2251	Issue	Issue – While generating CA trade and integrating seev36 incoming message, a duplicate seev036 message is created which has ignore message keyword "Seev036 = ignore" making creation of two messages.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								Impact Analysis - Only one seev 036 message is generated which settles the CA trade transfers when there is no multiple pagination and only one block of cash movement, no BOMSG with ignore attribute will be created.
Post Trade Processing	Corporate Actions	Cross	BO Messaging 1.41.0	00063489		BOMSG-2250	Issue	Issue - A CA event / CA Product is not created while importing an incoming seev31 message using Message _Matching ST. Impact Analysis - A CA event / CA Product will be created based on the message details. Null code check is implemented.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.41.0	00064228		BOMSG-2243	Issue	Issue - Matching Key for STG GLAccount is not populating on INC_PAYMENT pacs008 and pacs009 message and only appears for CHP account. Impact Analysis - For CHAPS jurisdiction, SWIFT has changed the clrsyscode from CHP to STG. So enhanced the code, so that STG can be handled. GLAccount is shown correctly for both CHP and STG accounts.
			BO Messaging 1.41.0			BOMSG-2239	Issue	Issue - CATT_Regression_Sender and Receiver details are not matching when linked against outgoing/incoming. Impact Analysis - Integrated camt056 CBPR (after integrating Pacs008) and linked sender and receiver details are populated correctly. Integrated Pacs010 T2 (after generating Pacs009) and linked sender and receiver details are populated correctly. Integrated Sese.024 (after generating Sese.023) and linked sender and receiver details are populated correctly.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
ETD EU /or FCM Clearing	None	Cross	BO Messaging 1.41.0	00029559	APL-1776, APL-4274	BOMSG-2232	Issue	Issue - To fix multiple issues on seev.031 integration on main tag <CorpActnNtfctn>. Impact Analysis - Fixed the below issues: - For Message attribute GRSS, currency & amount are now getting populated - In case of CA with multiple outcomes, Intermediary Security (ISIN) is not getting populated in Intermediary Security field in CA window. - ENTL is now getting populated in message viewer. - Field 'Total Eligible for Corporate Action Balance' is populated in MX Message window. - If SEC CODE is non-ISIN i.e., CUSIP/SEDOL, it is displayed in MX Message Window table. - Fixed rate populated is correct. - Value is populated in 'Interest Rate (%)' field of CA Window.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.41.0	00058777, 00043010	APL-4835, APL-4580	BOMSG-2223	Enh	Issue - To add LEI to Instructing agent and creditor fields in pacs008 and pacs009 CORE & COV CBPR+ for MX messaging. Impact Analysis - The LEI field is populated with the CP LE Attribute "LEI". If LE Attribute "LEI" is set and LE Attribute "CASH_USE_LEI_FOR_SWIFTMX" is set to false, then the LEI field will be removed.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 1.41.0	00029558	APL-2362, APL-4275	BOMSG-2170	Issue	Issue - To fix multiple issues on semt.002 integration. Impact Analysis - The following changes have been made for:

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								- Date(Dt/DtTm) in field table
								- RELA(Creation of RELA based on date/datetime
								- Aggregate Qty & Quantity- This will be picked from =//Document/SctiesBalCtdyRpt/BalForAcct/AggtBal/Qty/Qty/Qty/FaceAmt/text() Or //Document/SctiesBalCtdyRpt/BalForAcct/BalAtSfkpgPlc/AggtBal/Qty/Qty/Qty/FaceAmt/text()
								- Provided fix for SecOtherId and added the domainValuecomment in handler
								- Fix Provided Using createRELAId for the relaId for pagination
								- Message Header includes all the information as per mapping sheet. Inventory Position Report (Position External/Actual/Settle) is reflecting value from tag AvlblBal. For semt.002.001.11, Message Header includes Date when Xpath is /Document/SctiesBalCtdyRpt/StmtGnlDtls/StmtDtTm/DtTm.
			BO Messaging 1.42.0		APL-5144	BOMSG-2301	Enh	Issue - MX Messaging: CHATS Feb 2023 usage guidelines update. Impact Analysis - Changes to tag /AppHdr/BizSvc in the business application header, to use the same logic as in CHAPS templates. XSD to be updated for all the CHATS messages: head.001, pacs.008, pacs.009 CORE & COV, pacs.010, camt.060, camt.056, pacs.004.

1.36   June 2023 - BO Messaging 1.43.0 (16.1 June 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00057641		BOMSG-2227	Enh	Issue - Incoming MX messages with number in the namespace declaration cannot be integrated while importing and shows Null values and fields. Impact Analysis – Added support for namespace with numbers.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00064701, 00026522	APL-709, APL-1774	BOMSG-2233	Enh	Issue - To add more fields for the generation of admi.005 ECMS. Impact Analysis - The following fields have been added to the MXBOMesageGeneratorFormat window: - 'Account Id' from new Domain Value 'MX.Admi005.AccountId', - ResponsiblePartyIdentification. - Replaced field 'FromDateTime' by 'Equal Date'.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00065928		BOMSG-2294	Issue	Issue - Instruction for Next Agent with multiple occurrence is not supported for pacs.009.001.CHATS. Impact Analysis - Instruction for Next Agent field comes up with multiple occurrence (6 times). Earlier, Split the content of Instruction for next agent in 6 lines was missing for Pacs.009 CHATS.
Cross Functional	System Operations	Cross	BO messaging 1.43.0	00066215, 00067786		BOMSG-2297	Issue	Issue - The option "Interpret EOF as Delimiter" in ST MESSAGE_MATCHING does not work for MX Message. Impact Analysis - Managed EOF as Separator.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.43.0		APL-5625, RPM-10817, APL-1306	BOMSG-2302	Enh	Issue – To support Colr.016 Integration. Impact Analysis - Added support for colr.016 integration in ECMS to retrieve prices, haircuts and Fx Rates applied by CSM for Collateral valuation and store them in Calypso. It is used to provide the details of the valuation of the collateral that is posted as at a specific calculation date. The CollateralValuationReport is used to provide the details of the valuation of the collateral that is posted as at a specific calculation date. Message configuration used is: Domain name: IncomingType Value: Colr.16 Comment: COLR_INCOMING
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00060988		BOMSG-2322	Enh	Issue - Key.CounterParty is not populated correctly in MatchingManager for T2. Impact Analysis - A new Matching Key 'Debtor' is created for PACS 009, PACS 008 and PACS 004.
			BO messaging 1.43.0		APL-2223, APL-5158	BOMSG-2323	Enh	Issue - To support ISO 20022 SWIFT MX integration with message template seev.041.001.XX (CorporateActionInstructionCancellationRequestStatusAdvice). Impact Analysis - The CorporateActionInstructionCancellationRequestStatusAdvice message is sent by an account servicer to an account owner or its designated agent to report status of a previously received {mx0192|CorporateActionInstructionCancellationRequest} message sent by the account owner. This includes the

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								acknowledgement/rejection of a request to cancelled and outstanding instruction. With integration to this template:
								Message workflow set up would be:
								- Domain name: IncomingType
								- Value: Seev041
								- Comment: INC_CA
								Added integration of seev.041.001.XX messages. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00067005		BOMSG-2331	Issue	Issue – Linked Transfer Id is not stored in camt.998 message. Impact Analysis - Linked transfer id is stored and used to apply UpdateTransfer action on linked transfer.
			BO messaging 1.43.0			BOMSG-2352	Enh	Issue – SWIFT MX Log Category Handling Enhancement - Addition of constant in MX Constant.
			BO messaging 1.43.0			BOMSG-2353	Issue	Issue – When importing seev.035 for an interest payment event, the system is throwing a Process Issue which is incorrect. The Swift Event Option CAOP of the incoming message is CASH and system tries to create it with COAP=NOAC which is an invalid process issue. Impact Analysis - Changed the mapping as per the new mapping specifications.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00059688		BOMSG-2354	Issue	Issue – Unable to populate Counterparty MmbId in matching manager for incoming Pacs 009 for SIX jurisdiction.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								Impact Analysis - Xpath for InstgAgt & InstdAgt MmbId were missing, which are now added.
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.43.0	00064197		BOMSG-2362	Issue	Issue - To add additional logging to troubleshoot SEEV036 Import issue and refactor to handle the seed allocation at Core side.
								Impact Analysis - Seev.036 messages integrated successfully, and CA transfers are moved to Settled Status.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00061172	APL-5234, APL-5342	BOMSG-2363	Enh	Issue - MX Messaging: To support enhancement of pacs.009 CHATS Remittance Information for PVP FX trades, with Category Purpose = IFT08.
								Impact Analysis - Added new Value=PVPPaymentCode and comment=IFT08 by default, in the schema file, Implemented new logic in pacs.009 CHATS. If tag CtgyPurp/Prtry = comment of domain MX.CHATS i.e., PVPPaymentCode under domain name MX.CHATS, and comment is IFT08, a trade will be searched for and transfer of the same trade with same settle date is received. The receiving transfer currency and receiving transfer amount is then retrieved to be appended in RmtInf/Ustrd after code word /OCMT/.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00061172	APL-5234, APL-5342	BOMSG-2367	Enh	Issue - CdtrAgt is not populated even if CdtrAgtAcct is present for Pacs.010 T2 jurisdiction.
								Impact Analysis - CdtrAgt is getting populated. Mapped it o=to Receiver.Agent.Swift.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.43.0	00064976	APL-5634, APL-5791	BOMSG-2368	Enh	Issue – Reda025 should support MemberId tag of AppHeader via ClrSysMmbId Schedule task feature as well, which currently is only handled via domains. Impact Analysis – Changes implemented in all the SAA templates (Renamed from MessageIdentifier to CustomMessageIdentifer which has domain check and enabled ClrSysMmbId element for Schedule task flow. Also, set up the domain that will derive the string "DRAFT5".

1.37 July 2023 - BO Messaging 1.44.0, 1.45.0, 1.45.1, 1.45.2 (16.1 July 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.44.0	00056652		BOMSG-2260	Issue	Issue – Field name of some tags of pacs.008 displayed in the message viewer window, are incorrect. Impact Analysis – Message Header for pacs.008 has Field Name & Field Value defined under MappingSheet.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.44.0	00067893		BOMSG-2320	Issue	Issue – CAMT054 upload fails with Number format exception in case of two Agents with same BIC. Impact Analysis – Implemented keyword "S_AGENT_ID" in CAMT054MessageFieldMapper class.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.44.0	00067424		BOMSG-2374	Issue	Issue – GL account is not populated in Matching Manager for Platform when HKL = TRUE. Impact Analysis - Enhanced the logic to fetch the GL Account, based on the platform value for CHATS jurisdiction.
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.44.0	00070596		BOMSG-2384	Issue	Issue – SWIFT_Event_Code message attribute is not populated in Message report for MX message (Seev036)– Impact Analysis - Initially message attribute name was SWIFT_Event_Code, which is changed to Swift_Event_Code so that the message report column (Msg_Attr.Swift_Event_Code) can be auto populated from the message attribute set.
			BO messaging 1.44.0		APL-5627, APL-5628	BOMSG-2404	Enh	Issue – Support integration of Colr.003, to advise users of the Margin Call Request from Central Bank. Impact Analysis - Added support for colr.003 integration in ECMS. message sender uses this message to request new collateral at the initiation of an exposure or request additional collateral for an existing exposure. With colr.003 integration, an alert will be raised on the Task Station of the amount of Margin Call requested by the Message Sender and a task is created in Task Station with: Task Type: Exception Task Name: EX_COLR.003

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.44.0		APL-2518, APL-5150	BOMSG-2416	Enh	Issue - To support ISO 20022 SWIFT MX integration with message template seev.034. (CorporateActionInstructionStatusAdvice) which is equivalent to MT567. Impact Analysis - With the integration of Instruction Processing Status i.e., seev.034: - System will recognize the seev.034 based on the parent tag < CorpActnInstrStsAdvc> - Message configuration set up for inbound seev.034 would be enhanced with the new domain value under Incoming Type. - Message workflow set up would be the same for the messages subtype INC_CA Domain name : IncomingType Value: Seev034 Comment: INC_CA Added integration of seev.034 messages. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.44.0	00072520, 00072356		BOMSG-2432	Issue	Issue - Seev.031 Tender event (TEND) upload incorrect fields (Announcement Date, Period Start Date, Period End Date, Cash Rate, Market Deadline Date, Election Start Date) in CA window. Impact Analysis - Correct values for the fields are displayed while loading CA product.
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.44.0	00071487		BOMSG-2434	Enh	Issue - Unable to process seev.031 message when sending REPL message to update CA event OFFER - Price is not update as the CASHMOVE paths are missing.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								Impact Analysis - Added multiple xpath. Cash Rate is updated on the CA product with SEEV031 REPL as expected.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.45.0	00058201	APL-5129	BOMSG-2366	Enh	Issue - To add the SQL file to update the Domain Values for SR2023 CHATS Changes. Impact Analysis - Added the SQL file that contains the update query and updates the Domain Value table with new version numbers.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.45.0	00072358		BOMSG-2372	Issue	Issue - ClrsysCode_ID and MemberID are to be populated with correct values into<FinInstnId><InstgAgt><InstdAgt><IntrmyAgt1><IntrmyAgt2><Cdtr><CdtrAgt>- for pacs.009 & COV.CHATS message. Impact Analysis - Correctly assigned keywords for the tags ClrsysCode_ID and MemberID.
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.45.0	00064197		BOMSG-2377	Enh	Issue - SWIFT MX Log Category Handling Enhancement. Impact Analysis - Log category implemented in individual classes. Changes made in SecurityAllegementMessageHandler.
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.45.0	00064197		BOMSG-2388	Issue	Issue - A Violation Issue appears for Seev036 PK due to an old scheduler execution fix made for Seev036. Impact Analysis - Cleaning last changes and the context list. Reverted the preallocate id call to fetch seed and setting new BOMSG linked id same as the fetched seed is removed. Now only indexed BOMSG id will be set as linked id in the new BOMSG. Cleaned the list of

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								ExternalContext post Remote API call, for older scheduler execution fix.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.45.0	00064755, 00048927	APL-4648, APL-5176	BOMSG-2420	Enh	Issue - For MX messaging to enhance the Account tag for Intermediary 1 and 2 for pacs.009APN (CORE and COV) with SDI Identifier Code. Impact Analysis - For Creditor Agent Account /Document/FICdtTrf/CdtTrfTxInf/CdtrAgtAcct/Id/Othr/Id, retrieved the 6 digits following AU in the Identifier field of the Counterparty SDI Intermediary tab for Creditor Agent Account and added those 6 digits at the beginning of the field CdtrAgtAcct/Id/Othr/Id then followed by the account number from the field account. If Identifier is empty, the logic remains the same to use the field account to populate the Account Id. For Intermediary Account /Document/FICdtTrf/CdtTrfTxInf/IntrmyAgt1Acct/Id/Othr/Id, retrieved the 6 digits following AU in the Identifier field of the Counterparty SDI Intermediary2 tab for Intermediary Agent 1 Account and added those 6 digits at the beginning of the field IntrmyAgt1Acct/Id/Othr/Id then followed by the account number from the field account. If Identifier is empty, the logic remains the same to use the field account to populate the Account Id.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.45.0	00072571		BOMSG-2427	Issue	Issue - CAMT053 Integration_Closing Balance is not recognized when <SubTp><Cd>INTM</Cd></SubTp> is populated. An issue occurs with opening and close balance

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								when different XML belonging to the same statement are merged. Impact Analysis - Closing Balance is recognized and updated.
			BO messaging 1.45.0		APL-5164, APL-1892	BOMSG-2431	Enh	Issue - To support ISO 20022 SWIFT MX integration with message template seev.044.001.XX (CorporateActionMovementPreliminaryAdviceCancellationAdvice) and replicate the logic of equivalent MT564 preliminary advice cancellation. Impact Analysis - The CorporateActionMovementPreliminaryAdviceCancellationAdvice message is sent by an account servicer to an account owner or its designated agent to cancel a previously announced CorporateActionMovementPreliminaryAdvice. System would identify and integrate Seev.044 based on main tag <CorpActnMvmntPrlimryAdvcCxlAdvc>. With integration to this template message workflow set up would be: - Domain name: IncomingType - Value: Seev044 - Comment: INC_CA Added integration of seev.044.001.XX messages. Please refer to Calypso Messages documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.45.0	00074271, 00060051	APL-4836, APL-4439	BOMSG-2440	Enh	Issue - Updates for SIX Release 4.10 November 2023. Fix – Implemented the following changes for SIX Release 4.10 2023. 1. camt.029: tag /Document/RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/AddtlInf: ATR053/"" replaces ""ATR7"", ""ATR057/"" replaces ""ATR6"", and to be activated with domain value MXUseSIX2023 set to TRUE. 2. Removed dependency on domain MXUseSIX2022 for all SIX templates: pacs.004, pacs.008, pacs.009, camt.029, camt.050, camt.056, camt.025 (integration only). 3. XSDs updated as below: - pacs.009 - pacs.009.001.08.ch.03 - camt.029 - amt.029.001.09.ch.02 - camt.056 - camt.056.001.08.ch.03 4. Changed the default comments for domain "MX.Versions" to the below: - Value = pacs.008.001.SIX, Comment = 08.ch.02 - Value = pacs.004.001.SIX, Comment = 09.ch.02 - Value = camt.050.001.SIX, Comment = 05.ch.01

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.45.0	00071945		BOMSG-2442	Issue	Issue – Seev.031 upload incorrect fields (Announcement Date, Election Start Date, and Redemption Price) in CA window. Impact Analysis - Latest xpath has been provided for Redemption_Price and RATE population. The xpath value will be fetched and set as it is. Also, Redemption_Price mapping has been changed which will be used to add its value in BOMSG attribute.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.45.2	00066153	APL-6479	BOMSG-2445	Issue	Issue - Multiple transmission messages in single file cannot be imported. Impact Analysis - File import functionality has been extended for the case where we could have multiple messages in one file and second message starting line is on the same with end line of the first message.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.45.2	00074271, 00060051	APL-4439	BOMSG-2464	Issue	Issue - Regression is caused due to change in PACS008 SIX SR2023. Tags DbtrAcct & CdtrAcct gets commented out along with the SR SIX 2023 changes for pacs008 SIX jurisdiction. When IBAN is Swift complaint and under SDI Attributes and IBAN.Agent = False, IBAN tag is generated. Impact Analysis - Othr Id tag is generated.

1.38 August 2023 - BO Messaging 1.46.0 (16.1 August 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.46.0			BOMSG-2193	Issue	Issue – Postal Address was not generating when manual SDI is used, as no such pstlAdr tag was implemented in case of manual SDI for mentioned jurisdictions in pacs009COV. Impact Analysis – Local Impact – For jurisdictions APN/CHAPS/CHATS/MEPS/T2, with Manual SDI we are able to see Postal Address along with Name.
			BO messaging 1.46.0			BOMSG-2194	Issue	Issue – For PACS.008 CBPR, InstdRmbrsmntAgt tag is not generated with Manual SDI, as hasIntermediary method is not working correctly. Impact Analysis – Local Impact – Made changes in hasIntermediary1 and hasIntermediary2 methods for manual SDI. Also made changes in pacs.009COV CBPR for pstlAdr tag.
			BO messaging 1.46.0			BOMSG-2414	Issue	Issue – Tag Instruction for Next Agent & Instruction for Creditor Agent are missing in Mapping Table in Pacs008 & Pacs009 message templates for all jurisdictions. Impact Analysis – Local Impact – Earlier only one line in instruction information for tag Instruction for Next Agent and Instruction for Creditor Agent for pacs.008 and pacs.009 message was displayed. Now the changes have been made in fields file for pacs.008 and pacs.009 message such that each line is seen separately in mapping table for both tags.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.46.0	00070271		BOMSG-2419	Issue	Issue – When the Locale has date format DD/MM/YYYY, the Settle Date of Simple transfer created from Incoming Pacs.004 is incorrect. Impact Analysis - Local Impact – The utility method in Util class, the functions Util.istringToJDate & Util.idateToString do take care of date conversion throughout the system. Post fix the settle date on return trade has date format DD-MM-yyyy.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.46.0	00072018		BOMSG-2439	Issue	Issue – Search for semt.044 message with date range in Security reconcile window is not working correctly and message is not displayed. Impact Analysis - Local Impact – The fix allows to search the message with date range as Penalty date. Message is displayed now.
Post Trade Processing	Accounting	Cross	BO messaging 1.46.0	00072525		BOMSG-2456	Issue	Issue – Seev036 is not able to find transfer when integrated as the message remains in VERIFIED status with Process Issue = Could not find Transfer. Impact Analysis - Local Impact – Seev036 is processed, and transfer of CA trade is settled.
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.46.0	00075246		BOMSG-2460	Issue	Issue – The Cash Rate field is not updated correctly in BIDs event with Seev031 messages. Impact Analysis - Local Impact – Cash Rate is updated on the CA product with SEEV031 REPL as expected.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.46.0			BOMSG-2461	Enh	Issue – Enhancement to improve creation date/time logic of tag <CreDt> of AppHeader for message templates sese.023.001, sese.023.001.T2S. Impact Analysis – Changed date stamping logic of <CreDt> in AppHeaders as below: head.001.001.01.T2S.xml: From ORIGINAL_DATE to CREATION_SYSTEM_DATE_NOISOVERSION head.001.001.01.xml: From ORIGINAL_DATE to CREATION_SYSTEM_DATE_NOISOVERSION
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.46.0	00064832	APL-5846, APL-6069	BOMSG-2466	Issue	Issue – Camt.004 T2/T2S message response is not processed correctly. The incoming Camt.004 T2/T2S message should have been identified and processed as a camt004 and NOT as a simple transmission report. The message should split into sub-messages. Impact Analysis – Local Impact – The incoming Camt.004 T2/T2S message is identified and processed as a camt004.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.46.0	00067030		BOMSG-2473	Issue	Issue – For Pacs.009 CBPR+ message, Debtor Agent tag should not be populated. Impact Analysis – Local Impact – Removed the DbtrAgt tag from the Pacs.009 CBPR+ message. Calypso populates PO as Instructing Agent and hence DbtrAgt tag is not required for pacs.009 CBPR+ when there is a direct nostro/vostro relationship between Instructing Agent and Instructed Agent.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.46.0	00072552		BOMSG-2480	Issue	Issue - Integrated SEEV031 EXOF does not update 'From Ratio' and 'To Ratio' correctly. Impact Analysis - Local Impact - Added new xpaths for 'From' and 'To' Qualifier - ADSR,ADEX, NEWO and RTUN. Applied the logic of different combination for NEWO.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.46.0	00071944		BOMSG-2484	Issue	Issue - In pacs.010, Remittance Information should come from CPTY's SDI instead of PO's SDI. In pacs.010.001.CHATS message, tag '<RmtInf>' shows value set in Processing Org SDI attribute 'Remittance_Information', i.e., '<RmtInf>' = PO SDI Remittance Info, which is incorrect. Impact Analysis - Local Impact - Earlier the values were coming from the PO SDI Attribute, but it now pick the values from the CPTY SDI Attribute. In pacs.010.001.CHATS message, tag '<RmtInf>' populates value set in counterparty SDI attribute 'Remittance_Information', i.e., '<RmtInf>' = Test_RemitInfo.
			BO messaging 1.46.0		APL-5629, APL-5630	BOMSG-2485	Enh	Issue - To add support for swift seev.032 (CorporateActionEventProcessingStatusAdvice) template integration as per ISO 20022 regulation, which is equivalent to MT567. Impact Analysis - Added integration of seev.032 messages to raise an alert on the Task Station for the reason as why a corporate action event has not been completed by the announced payment dates. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Settlements	Cross	BO messaging 1.46.0	00058913 00059380	APL-5100, APL-5582	BOMSG-2498	Enh	Impact Analysis - Changes to CLS messages due to CBPR+ SR 2023 release are enabled using domain "USE_SR_2023", Value = TRUE.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								Please refer to Calypso CLS Release Notes and Integration Guide for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.46.0	00077543		BOMSG-2499	Issue	Issue – For outgoing pacs.004, field <OrgnlMsgNmld> is currently generated in uppercase (PACS.009.001.08) which is incorrect.

Impact Analysis – Local Impact – Converting the message def id name into lower case. For outgoing pacs.004, field <OrgnlMsgNmld> is generated in lowercase (pacs.009.001.08). |
| Post Trade Processing | Confirmations & Advices | Cross | BO messaging 1.46.0 | 00077054 | | BOMSG-2501 | Issue | Issue – Tag values for EndToEndId and InstrId in pacs.010 are Interchanged. In CHATS, pacs.010 messages capture Message Id in <EndToEndId> tag and Trade Id in <InstrId> Tag. However, <EndToEndId> should capture the trade Id and <InstrId> should capture the Message Id.

Impact Analysis – Local Impact – Interchanging the keywords of EndToEndId & InstrId. The messages capture the message Id in <InstrId> tag and trade Id in <EndToEndId>. |
| Post Trade Processing | Confirmations & Advices | Cross | BO messaging 1.46.0 | 00076881 | | BOMSG-2511 | Issue | Issue – <EndToEndId> tag does not capture the trade Id automatically in pacs.009 messages for CHATS jurisdiction.

Impact Analysis – Local Impact – Enhanced the logic of EndToEndId tag. If EndToEndId attribute is not set, the system will try to set tradeId from transfer and if tradeId is not available in transfer then transferId will be set. |

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.46.0	00076393		BOMSG-2512	Issue	Issue – sese.023 <SfkpgAcct> tag is incorrect for IBERCLEAR and shows the text SAFE/IBRC/CEND/. Impact Analysis - Local Impact - Applied logic to identify the IRBC flow by checking the specific string present in the account name. If present, then only it will apply the splitting logic, else it will fall into existing logic.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.46.0	00059750, 00020753, 00025453, 00077296, 00056084, 00078567	APL-4764, APL-4765	BOMSG-2516	Enh	Issue – To support camt.058 (Notification to Receive Cancellation Advice message) generation for CBPR+. Impact Analysis - Added generation of camt.058 messages for CBPR+. Please refer to Calypso MX Payment Messages documentation for details.

1.39   September 2023 - BO Messaging 1.47.0 (16.1 September 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00077061		BOMSG-2506	Issue	Issue – SttldQty is used instead of SttlmQty in field mapping of sese.024. Impact Analysis - Local Impact - Field path has been renamed from SttldQty to SttlmQty.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00077796		BOMSG-2513	Issue	Issue – For SIX 4.10 (Nov 2023) PACS009 when MXPaymentType = CMPPMT / PPTTSD, validation fails on the portal as the content of element <Dbtr> is not identical with the content of element <InstgAgt>. Impact Analysis - Local Impact – For Dbtr tag – BICFI tag was above ClrSysMmbId tag and was getting preference. Reversed the order to resolve the issue. Changed the template (GeneralFinancialInstitutionTransferSIX.xml) such that ClrSysMmbId tag has preference and then BICFI tag.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00077929		BOMSG-2517	Issue	Issue – For camt.056 message <OrgnlInstrId> should be captured from pacs.010 <CdtId> instead of <InstrId> for CHATS Jurisdiction. Impact Analysis - Local Impact – <OrgnlInstrId> captures from pacs.010 <CdtId> instead of <InstrId>.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00073149		BOMSG-2519	Enh	Issue - Insert query to insert message type "REDA025" has incorrect domain 'MessageType' in MXCORESchemaData.xml. Impact Analysis - Domain messageType is present in insert query for message type "REDA025". Updated the typo in MX Schema Data and made the changes for the manual flow in mxml files, added SQL files and hardcoded the messageType.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.47.0			BOMSG-2522	Issue	Issue – Tag values for EndToEndId and InstrId in pacs.010 are Interchanged. In CBPR and T2 jurisdictions, pacs.010 messages capture Message Id in <EndToEndId> tag and Trade Id in <InstrId> Tag. However, <EndToEndId> should capture the trade Id and <InstrId> should capture the Message Id. Impact Analysis - Local Impact – Interchanging the keywords of EndToEndId & InstrId. The messages capture the message Id in <InstrId> tag and trade Id in <EndToEndId>.
			BO messaging 1.47.0			BOMSG-2534	Issue	Issue – Remittance info does not get trimmed to the designated 140 characters while generating the PACS.010 message for T2 jurisdiction. Impact Analysis - Local Impact – There were no limiting conditions for Remittance Info for Pacs.010 T2. The changes are now made, such that it will only pick information upto 140 characters. Added transformation for the same in (FinancialInstitutionDirectDebitT2.xml) template.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00079147		BOMSG-2536	Issue	Issue – While applying RETURN action on SETTLED transfer, in Transfer Return window if we choose Return Code = not NARR, "Additional Information" column is disabled so that the user cannot input 'ReturnAdditionalInformation' manually. Only when Return Code = NARR is chosen, this "Additional Information" is enabled. Without input 'ReturnAdditionalInformation', pacs.004 generation is always wrong due to missing <AddtlInf>. Thus, Additional Information text

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								box should be set the editable for all the Return Code for CHATS jurisdiction. Impact Analysis - Local Impact - Transfer Return window "Additional Information" column is enabled to allow user manual-input even when we choose other Return Code = not NARR.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00078312		BOMSG-2538	Issue	Issue - pacs.008 message is not following the ROC logic for tag <EndToEndId> for CHATS jurisdiction. Currently by default it always populates NOTPROVIDED in the tag <EndToEndId> regardless of Remittance_Information= ROC/Blank in the Cpty SDI attribute. Impact Analysis - Local Impact - <EndtoEnd> is only populated when tag70 has Remittance_Information = "/ROC/".
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00055615	APL-747, APL-723	BOMSG-2546	Enh	Issue - Enhance MX Messaging coverage to generation of pacs.008 STP for CBPR+. Impact Analysis - Added support for the generation of pacs.008 STP for CBPR+ jurisdiction. Please refer to Calypso MX Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00071632	APL-6511, APL-6145	BOMSG-2552	Enh	Issue - To map new message attributes for tag ElgblCollVal for semt.002. Impact Analysis - Integrated semt.002.001.11 and semt.002.002.11 using ST with tag value <ElgblCollVal>, <ElgblCollValCcy> and ElgblCollValSgn to populate the following attributes respectively CollateralPostionAfterHaircut, CollateralPostionAfterHaircutCcy, and SignIndicatorCollatPostionAfterHaircut.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00059748	APL-6543, APL-5169	BOMSG-2553	Enh	Issue - To support camt.055 Customer Payment Cancellation Request message generation for CBPR+. Impact Analysis - Added support for the generation of camt.055 template for CBPR+ jurisdiction with RECALL Action. Please refer to Calypso MX Payment Messages documentation for details.
ETD EU /or FCM Clearing	None	Cross	BO messaging 1.47.0	00029560	APL-6998, APL-6391, APL-1595, APL-1043	BOMSG-2555	Enh	Issue - ECMS enhancement for seev.036 integration to apply current process without safekeeping type and ID information (<SfkpgPlc>, <TpAndId>, <SfkpgPlcTp>CUST</SfkpgPlcTp>, <Id>AGSWIFT1</Id>, </TpAndId>, </SfkpgPlc>). Calypso current process for seev.036 integration and matching with CA trade includes a check on the fields' safekeeping type and id. Impact Analysis - Integrated seev.036 without safekeeping type and id while ensuring that the message is correctly processed, linked with CA trade and transfers settled. The information regarding check on the fields safekeeping type and id is no longer requested in ECMS framework, for which we have adjusted the algorithm as following: - Keep the current algorithm with checks performed on the safekeeping type and id. - Added a new condition to continue with same process when no information is received on safekeeping type and id.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.0	00079396		BOMSG-2558	Issue	Issue - In CHATS, pacs.004 <ChrgBr> populates wrong value when SDI attribute Details_Of_Charges is set. When it is set to DEBT, <ChrgBr> filed appears as SHAR and when set to OURS (an invalid value), <ChrgBr> filed appears as SHAR.

Impact Analysis - Local Impact - When SDI attribute Details_Of_Charges is set to DEBT, <ChrgBr> filed value is "DEBT" in pacs.004 and it is set to OURS (an invalid value), it displays a warning message for invalid value.

When it is set as OURS (invalid value) and Pacs009 CHATS is integrated, <ChrgBr> tag is not populated. When set as SHX (invalid value) and Pacs008 CHATS is integrated, <ChrgBr> tag is not populated. Also, when set as OUR (valid value) and Pacs009 CHATS is integrated, <ChrgBr> tag is populated with value DEBT.

Some more combinations are added for ChrgBr tag for Pacs.004 CHATS Jurisdiction. Please refer to Calypso Messages documentation for details. |

1.40   September 2023 - BO Messaging 1.47.1

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.1	00076485		BOMSG-2545	Issue	Issue - Unable to validate the SAA message on Swift Alliance Portal.

Impact Analysis – Local Impact - Changed the message output to have below tags combined into same line: |

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								<LAU><ds:Signature xmlns:ds=http://www.w3.org/2000/09/xmldsig#> </ds:Signature></LAU></DataPDU>
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.47.1	00081071	APL-7231	BOMSG-2576	Issue	Issue – For tag <InstrForNxtAgt> with multiple occurrences, line break logic in MX is not consistent with MT. In Cpty' SDI "Sender to Receiver Information" column, if single line is exceeding 35 characters, the next word and the following are moved to the next line automatically. However, if single line is within 35-character limitation (below or equal to 35 characters), the MX message <InstrForNxtAgt> generation shall follow the setup in SDI (same as MT message). Also, <InstrForNxtAgt> breakdown is NOT generated as indicated by line breaker "\n" in trade keyword. Impact Analysis – Local Impact – As expected, tag InstrForNxtAgt is generating multiple lines if more, less, or equal to 35 characters present in single line/multiple lines. Also, the tag InstrForNxtAgt is generated with separator \n picking values from Sender Info for pacs.008 and pacs.009.

1.41   October 2023 - BO Messaging 1.48.0 (16.1 October 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	BO Messaging 1.48.0	00079317		BOMSG-2566	Issue	Issue - ISIN used in Sec move tag of seev.031 is different from (MT564) the one being

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								populated on the message attribute process issue.
								Impact Analysis - Local Impact - Exception message is changed as per MT implementation.
Post Trade Processing	Corporate Actions	Cross	BO Messaging 1.48.0	00080469		BOMSG-2570	Issue	Issue - An error message is thrown and CA trades for CA TEND with SEEV031 messages are not generated.
								Impact Analysis - Xpath is changed, and the value object will be of type double for CA attribute-RATE. CA trades are generated successfully.
			BO Messaging 1.48.0		APL-6466	BOMSG-2590	Enh	Issue - To enhance <InstdAgt> in pacs.009 message by changing the logic for the Clearing Code and Member Id in MX Messaging:
								/Document/FinInstnCdtTrf/GrpHdr/InstdAgt/FinInstnId/ClrSysMmbId/ClrSysId/Cd
								/Document/FinInstnCdtTrf/GrpHdr/InstdAgt/FinInstnId/ClrSysMmbId/MmbId
								List of templates changed:
								pacs.009 CHATS, CORE and COV
								pacs.009 CHAPS, CORE and COV
								pacs.009 APN, CORE and COV
								Impact Analysis - Added new keywords (RECEIVER_CLYSYSID, RECEIVER_CLYMEMID) in PACS009 which will pick "clearing code" and "member id" from "receiver's LE".

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.48.0	00081791		BOMSG-2598	Issue	Issue – Previously received camt.004 messages are "reprocessed" when additional messages are created in the "split step". Object of processed CAMT004 messages was not getting clear from the class level variable causing this issue to happen. Impact Analysis - Local Impact – Message is integrated successfully and splitted into submessages for single and multiple CAMT004 accounts.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.48.0	00082625, 00082623		BOMSG-2612	Issue	Issue – For ISO20022 pacs.009.cov CBPR, Intermediary Agent 2 should not get populated as it does not exist on PO SDI and the Debtor Agent should be empty, however Intermediary Agent 2 is populated, and Debtor Agent has value in it. Impact Analysis - Local Impact – Removed DbtrAgt and DbtrAgtAcct tag from pacs.009.cov for CBPR jurisdiction.
			BO Messaging 1.48.0			BOMSG-2620	Issue	Issue – Issue in hasIntermediary method used in Pacs008 and Pacs009 template. hasIntermediary method used to return TRUE, when intermediary was null for Standard SDI, For Manual SDI it should return FALSE. Impact Analysis - Made changes in methods hasIntermediary1 and hasIntermediary2 and added a null check in hasSameSenderAndReceiver method. Changed the method to return FALSE when intermediary is null.

1.42 November 2023 - BO Messaging 1.49.0 (16.1 November 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00083631		BOMSG-2600	Issue	Issue - Remittance information in pacs.008.001.CBPR is displayed in three lines even though the characters are <=140 for cash manual SDI. However, remittance information should be in one line if characters are <=140. Impact Analysis - Local Impact – Fix provided for the correct string check if it is null or not, to populate the tag properly in the message for REMITTANCE_INFO tag. Fix made to remove "New line characters". Also, extended the logic for every jurisdiction and message type (pasc008 ,pacs009 COV, pacs010 and pain001) for REMITTANCE_INFO tag.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00077600		BOMSG-2608	Issue	Issue - Debtor tag on the pacs.004 for CHAPS should be populated using the same logic as the pac.009 which is not the case, where the contact is pulled from the beneficiary on the PO SDI. In Pacs004 CHAPS, Dbtr/Agt/Bicfi is mapped to another keyword and CdtrAgt does not have condition to check whether Receiver is same as Cdtr Agt. Impact Analysis - Local Impact - Made changes in template of Pacs.004 CHAPS. For Dbtr/Agt tag, changed the keyword and for CdtrAgt tag, updated the keyword and added a condition.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00083560		BOMSG-2617	Issue	Issue - When semt.002 with multiple ISIN is uploaded, position for second ISIN is not created and the position for first ISIN is mapped incorrectly with second ISIN amount. This is since while processing each message in a loop, wrong object was picked up to process.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								Impact Analysis - Local Impact – The system creates position for each ISIN in the system.
			BO messaging 1.49.0			BOMSG-2629	Enh	Issue – Performance Issue for the scriptableOTCproduct when loading MX messages.
								Impact Analysis - Local Impact – Improved performance by removing the transferrule call from getcolumvalue method and transferrule builder from parent class as it not used.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00081270		BOMSG-2633	Issue	Issue – While generating camt.050 for MEPS + Scrips, MASRootTags are not implemented correctly. SCRIPSSndrToRcvrInf doesn't pick up anything from SDI, however it should pick up the details from CP SDIs.
								Impact Analysis - Local Impact – Made changes in template for camt.050 message MEPS jurisdiction to be activated with domain value MXUseMAS2023 set to true. Changes made are for AmtWthCcy, SttlmDt, SCRIPSSndrToRcvrInf and SCRIPSMtrtyDt tags. Additionally. added two new elements 'Document' and 'MASRootTag' inside SplmtryData element.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00083630		BOMSG-2635	Issue	Issue – Underlying remittance info is missing for pacs.009.cov APN ISO20022. Underlying remittance info should be mapped to MT202 COV TAG: 70 - Sequence B (Remittance Information) for pacs.009.001.COV.APN.
								Impact Analysis - Local Impact – Remittance Information tag is also added under Underlying tags for Pacs.009 COV messages.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00073149		BOMSG-2648	Issue	Issue – A typo error is observed in MX Schema Data. Impact Analysis – Removed "REDA025" MessageType domain entry from MXCORESchemaData.xml
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00085037		BOMSG-2650	Issue	Issue – A new xsd is required to be implemented for pacs.008 and pacs.009 CORE & COV for MEPS jurisdiction. making local instrument mandatory. Impact Analysis – Replaced current content of the below xsd files with the new xsds: pacs.008.001.MEPS pacs.009.001.MEPS pacs.009.001.COV.MEPS
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00087127		BOMSG-2661	Issue	Issue– When comparing results from CBPR Translation Portal, "COV" should not be in the MsgDefIdr element. This is seen for pacs.009.cov APN as below: <MsgDefIdr>pacs.009.001.COV.09</MsgDefIdr> Impact Analysis – Local Impact – Removed .COV from the MsgDefId tag and added the same into BizSvc tag through Domain. Added the following entries into MXCashSchemaData file for Pacs.009.COV Messages. Domain name: MX.BAH.BusinessService.Versions Domain value: pacs.009.001.COV.APN Domain comment: cov.01

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00074404	APL-5972, APL-7650	BOMSG-2667	Enh	Issue - Existing outgoing MX(Seev.033 and Seev.040) messages shall support ECMS jurisdiction format.
								Impact Analysis - seev.033,seev.040 have a separate XSD of ECSM/T2S for validation per variant and new template seev.033.001.ECMS.T2S & seev.040.001.ECMS.T2S.
								Also, following mandatory tags T2S AppHead included. These tags are applicable for all those messages which use the T2S AppHead template.
								- Othr/Id
								- ClrSysMmbId
								- ClrSysId
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00064755, 00048927, 00040925	APL-6239, APL-750	BOMSG-2670	Enh	Issue - To provide Standard and Manual SDI enhancement for clearing member identification in AusPayNet for pacs.008, pacs.009, pacs.009 COV of APN jurisdiction using the SDI Identifier fields.
								Impact Analysis - For pacs.008, pacs.009, pacs.009 COV APN, added the logic of populating the tags Clearing System Code and Member Id for Creditor Agent, Intermediary 1 and Intermediary 2 using SDI Identifier fields, if missing, then use the Legal Entity Attributes APNClrSysID_Code and APNMmbId_ID.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.0	00087886		BOMSG-2674	Issue	Issue - When account number is not in a valid IBAN format, Othr Id should be populated instead of IBAN.
								Impact Analysis - Local Impact - Certain validation regarding IBAN Pattern was missing,

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								which is now added. pacs.008.001.CBPR/MEPS/APN and pacs.009.001.CBPR/MEPS/APN are generated with account identifier as OthrID and not IBAN. pacs.008/009COV.001.CBPR/MEPS/APN are generated with account identifier as IBAN and not OthrID.
			BO messaging 1.49.0			BOMSG-2664	Enh	Issue - Removal of calypso-id-api jar dependency. Impact Analysis - Created packages "com.calypso.helper" and "com.calypso.cia.util", created wrapper classes by module.

1.43   November 2023 - BO Messaging 1.49.1

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.49.1	00089766		BOMSG-2680	Issue	Issue - Java null point exception error is thrown, when contact type on message setup window and PO LE contact type window doesn't match. Impact Analysis - Local Impact - No error is thrown in the log or in task panel of BO browser.

1.44   January 2024 - BO Messaging 1.50.0 (16.1 January 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO Messaging 1.50.0		APL-8082, APL-7229	BOMSG-2591	Enh	Issue – Regeneration and reverification of Incoming message LAU in Calypso V16. Impact Analysis - Removed the domain MXLAUEncodeBase64 from mxcore schemadata xml. The HMAC is in base64 format by default. Also changed the processing of the incoming messages by adding the canonicalization process.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00084642	APL-7279	BOMSG-2690	Issue	Issue – InstgRmbrsmntAgtAcct of pacs.008 CBPR in V17MR is incorrect and the system is checking the SDI attribute IBAN.Agent instead of IBAN.Intermediary to populate the IBAN format. However, the keyword PO_INT_ACC_ATTR_IBAN should be used instead of PO_AGENT_ACC_ATTR_IBAN. Impact Analysis - Local Impact – Implemented "PO_INT_ACC_ATTR_IBAN" in place of "PO_AGENT_ACC_ATTR_IBAN" in pacs008 STP CBPR template.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00090434		BOMSG-2696	Issue	Issue - In InstgAgt > FinInstnId > LEI tag value appears when transfer is not netted but does not appear when the transfer is netted. LEI tag is not generated in pacs.008.001.CBPR message when netting includes legal entity/counterparty. This works fine with NONE/Trade netting, while the issue is replicated with netting type 'COUNTERPARTY'. Impact Analysis - Local Impact – Changes have been made to populate the LEI in pacs.008.001.CBPR message for Netted transfers when netting includes legal entity/counterparty.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00092018, 00092022		BOMSG-2704	Issue	Issue – LEI is missing from pacs.010 for netted transfers. However, it works fine for unnetted transfers. Impact Analysis - Local Impact – For Netted transfers LEI was not getting populated as the trade object becomes null and we had null check for trade object. To handle the case we have refactored the code so that for netted transfer, system should pick the LEI value from the LE Attribute.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00087226, 00051607	APL-8071, APL-4355, APL-6475	BOMSG-2708	Enh	Issue – For MX Messaging: To implement SAA header revision 2.0.14 for V16. Impact Analysis - Implemented SAA header revision 2.0.14 with the xsd. The system is able to generate Data PDU using the SAA Header 2.0.14.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00074271, 00060051	APL-4439	BOMSG-2712	Enh	Issue – To add the SQL entries into mxml for SR2023 SIX changes for V16. Impact Analysis - Updated "MXUseSIX2023" Domain Value to True (by default) in MXCashSchemaData file and added the SQL entries into mxml for SR2023 SIX changes.
			BO Messaging 1.50.0			BOMSG-2713	Issue	Issue – While integrating pacs.008 and pacs.009 messages, when we use the business tag <BizSvc>mas.scrips.02</BizSvc>, it does not pick the MXJURIDICTION in the message viewer. This is working fine for tag <BizSvc>mas.mep.01</BizSvc>. Impact Analysis - Local Impact – Updating the logic used to determine MEPS jurisdiction in incoming pacs008 and pacs009 messages. Earlier "mep" was checked in <BizSvc> tag, but after the enhancement "mas.scrips.XX" could

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								also be there, thus not having have MXJurisdiction attribute MEPS. Made changes such that it will now look for "mas" in <BizSvc> tag.
			BO Messaging 1.50.0			BOMSG-2719	Issue	Issue - Incorrect Cash Rate displayed in UI (CA Create Tab) when the rate is present in tags AplblRate as well as GncCshPricRcvdPerPdct of Seev.031 Message. Rate received in the tag AplblRate is being divided by 100 when GncCshPricRcvdPerPdct is also available in the message. Impact Analysis - Local Impact - Rate received in tag AplblRate is not divided by 100.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00092162		BOMSG-2730	Issue	Issue - Schedule task INC_CASH_STATEMENT is unable to process two CAMT053 statements at the same time. The Schedule task displays finished status as Success, but the statements are moved to STAT_NOTPROCESSED. An error message "Page1 duplicated" is thrown. Impact Analysis - Local Impact - Schedule task processes both the statements successfully and move to PROCESSED status without any error. Also, sub statements are created.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00094250		BOMSG-2744	Issue	Issue - Schedule Task INC_CASH_STATEMENT does not work for CAMT053 with one or several pages not exploded and throws an error "Could not find a sequence Number". Impact Analysis - Local Impact - Message is processed fine.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Maintenance	Performance	Cross	BO Messaging 1.50.0	00087185		BOMSG-2754	Issue	Issue – Performance issue is observed on SenderEngine with inputStreamFromDB as getInputFromDB in RessourceUtilHelper is calling database for FileDocument, every time a template is retrieved. Impact Analysis – Local Impact – Created a cache to only call Database for FileDocument when necessary. If the template is in database, it will not be saved in the cache and will be retrieved from the database. If the template is not in database, it will be saved in the cache when the call to the database does not return anything and further uses of this template will not call the database.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00064947	APL-5288, APL-8073, APL-8074	BOMSG-2755	Enh	Issue – To provide customization option to disable xml tag population in ISO20022 MX message templates. Impact Analysis – In ISO20022 MX architecture, all tags (mandatory as well as optional) available in message template are populated by default when corresponding data is available. With customization flexibility, client can disable any optional tag depending on their agent specific/internal requirement.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 1.50.0	00079272	APL-7081, APL-8000, APL-7384	BOMSG-2758	Enh	Issue – To enhance pacs.008/pacs.009 integration process to support multiple GL accounts at clearing house of single PO legal entity using different SWIFT BIC for branches. Impact Analysis – Made changes in logic for GL account selecting in Pacs008Pacs009FieldMapper for Pacs008 and Pacs009 message. We will get multiple accounts of similar existing configuration, for them we will check for "Addressee11carBIC"

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								account property that matches with the incoming BIC code. MEPS and APN jurisdictions will be recognized for GL account.
			BO Messaging 1.50.0			BOMSG-2761	Issue	Issue - Incoming semt.044 daily failed to create PenaltyTrade and throws an error. Impact Analysis - Local Impact - Added "Penalty_CCY" message attribute for semt.044. "PECU" msg attribute is changed to "Penalty_CCY" attribute in CreatePenaltyTradeMessageRule.

1.45   February 2024 - BO Messaging 1.50.1

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.1	00094061		BOMSG-2779	Issue	Issue - pacs.002 CBPR is generated with error and Instruction ID and OrgnlEndToEndID are missing, when rejecting incoming pacs.004. Impact Analysis - Local Impact - Pacs.002 CBPR is generated successfully without XSD exception/error. Expanded the logic to get few values from linked message for Pacs.004.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	BO messaging 1.50.1	00071625	APL-7044, APL-7876, APL-7877	BOMSG-2784	Enh	Issue - Currently, in Seev.036 integration, as part of pagination logic, system shows additional message on the message report with status 'Ignore', even when the message has single page and multiple movement tags. However, it shouldn't display additional message on the message report when there is a single page scenario with multiple movement tags. Impact Analysis - Local Impact - Additional message is not generated when there is a single page scenario (PgNb = 1 and LastPgInd=true) with multiple movement options.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.1	00094574		BOMSG-2798	Issue	Issue - camt.058 Message Attribute CancellationReason not populated after message generation. For camt.058, the message attribute "CancellationReason" is not populated in the Message Viewer, and so is not observed in the Message Report. This message attribute "CancellationReason" is only observed if cancellation reason is manually updated by performing action "UPDATE_CANCEL_REASON". Impact Analysis - Local Impact - CancellationReason is populated without applying UPDATE_CANCEL_REASON action.
Maintenance	Performance	Cross	BO messaging 1.50.1	00087185		BOMSG-2832	Issue	Issue - Performance issues are observed on SenderEngine with inputStreamFromDB cache when saving an MX Message. Impact Analysis - Local Impact - Created a cache to list the FileDocument that are not in the Database to only call it when necessary. If the template is in database, it will not be saved in the cache and will be retrieved from database. If the template is not in the

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								database, it will be saved in the cache when the call to the database does not return anything and further uses of this template will not call the database.

1.46   March 2024 - BO Messaging 1.50.2

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.50.2			BOMSG-2824	Issue	Issue - When env property USE_CCY_ISO_CODE=true, calypso is not using the ISO code from currency default in the MX Messages for camt.053 and camt.054. Impact Analysis - Local Impact - Added the transformation tags to get the ISO Code value for CCY.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.2	00093338		BOMSG-2827	Issue	Issue – An authentication error occurs with Swift LAU Key and thus LAU is not getting generated correctly due to java version mismatch. Impact Analysis – Local Impact - The computed Hash output matches with the SignatureValue computed by Calypso.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.2	00097707		BOMSG-2839	Issue	Issue – When OrgnlIntrBkSttlmAmt Ccy and OrgnlIntrBkSttlmDt tags are not present in incoming pacs.004 XML file, the corresponding message attributes LinkedSettlementAmount, LinkedSettlementAmountCcy and LinkedSettlementDate are set as null. However, these tags should not be visible.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								Impact Analysis - Handled the null value for few tags where tags are not present in incoming message. Now, OrgnlIntrBkSttlmAmt and OrgnlIntrBkSttlmDt attributes are not displayed.

1.47 April 2024 - BO Messaging 1.50.3

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.3	00101493		BOMSG-2868	Issue	Issue - MX sese023 messages FaceAmt differs of MT54X value for IBERCLEAR. Impact Analysis - Local Impact - Updating the logic for sese.023's FaceAmt tag (keyword - "Nominal (Par)") which is similar to MT542 36B: tag's logic. Now, the amount in sese.023 matches with the amount in MT542 (MT54X).
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.3	00066107, 00098492	APL-5826, APL-8806, APL-9478, APL-9344, APL-9752, APL-9479	BOMSG-2899	Enh	Issue - Add LEI for Debtor in pacs.008 & pacs.009 CORE & COV for CBPR+ jurisdiction. Impact Analysis - Added LEI tag to be populated with the Legal Entity Attribute LEI for debtor for pacs008, pacs009 and pacs009COVCBPR.

1.48 May 2024 - BO Messaging 1.50.4

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.4	00104023		BOMSG-2872	Issue	Issue - MatchableBuilderEngine is not working for pacs.008 and thus it is not possible to match incoming pacs.008 with outgoing transfers in the matching monitor. Impact Analysis - Added Null check for a field for which we got NPE in engine server logs. In matching manager settlement amount, settle date and currency are visible.
			BO messaging 1.50.4			BOMSG-2887	Issue	Issue - Issues related to InstrForDbtrAgt tag are observed in pain.001 MX message. The tag is getting populated twice in the MX message and the additional information is populated from the PO SDI window with more than 140 characters. Impact Analysis - Local Impact - Earlier the value was populated in InstrForDbtrAgt tag even for more than 140 characters, as there was no check for it. Made changes for PmtInf/InstrForDbtrAgt tag so that text populated in less than 140 characters. Removed the InstrForDbtrAgt tag from PmtInf/CdtTrfTxInf/InstrForDbtrAgt Xpath.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.4	00104926		BOMSG-2890	Issue	Issue – An error is observed on incoming MX pacs.002 messages when LAU is active. Impact Analysis – Local Impact - Incoming message is integrated and visible on Message Report with Process Issue related to LAU but no Scheduled Task error. Handled the format as per SWIFT in incoming messages, so that the format is similar to what is received.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.4	00082629	APL-8223, APL-7083	BOMSG-2918	Enh	Issue - To populate Intermediary agent for pacs.009 COV APN. Impact Analysis - An update is made in agent population logic for pacs.009 COV APN message template based on whether corresponding pacs.008 message is being sent to which agent in the payment chain.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.4	00077473		BOMSG-2921	Issue	Issue - Optional MX tag suppress is not working properly. Name should not be populated post suppression of tag Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/Nm irrespective of BIC Availability in the LE Contact. Impact Analysis - Local Impact - Handling column generated from expression. The tags are suppressed as expected.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.50.4	00107758, 00109923		BOMSG-2933	Issue	Issue – While generating camt.058 message after cancelling the Margin Call trade, an error "ClxRsn" is observed. Impact Analysis - Functionality of adding the Cancellation Reason details in Message Attibute was missing for Gateaway FILE. Upon generating and opening the camt.058 message, no error is observed.

1.49 May 2024 - BO Messaging 1.51.0

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.51.0			BOMSG-2938	Issue	Issue - camt.058.001.08 CBPR+ does not have currency element in top display/ field element display. Impact Analysis - Local Impact - Added Current field in fields file so that it will be visible on Message window.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.51.0	00097649	APL-7231, APL-8809, APL-9701	BOMSG-2947	Enh	Issue – For tag <InstrForNxtAgt> with multiple occurrences, line break logic in MX is not consistent with MT for pacs.008, pacs.009, pacs.009 COV for all jurisdictions. Also, <InstrForNxtAgt> breakdown is NOT generated as indicated by line breaker "\n" in trade keyword. Impact Analysis – As expected, tag InstrForNxtAgt is generated successfully. If "Sender To Receiver Info" is set in the "Attributes & Notes" tab of the SDI or in the SenderInfo field of trade attribute window, it populates tag InstrForNxtAgt/InstrInf of pacs.008/pacs.009 similar to tag 72 of MT103/MT202. This tag will be populated in the InstrForNxtAgt in the MX message. It is a mandatory tag repetitively up to 6 times with 35 characters in each line. If trade attribute and Counterparty SDI attribute are given, then the Trade attribute will be given priority. When the text given in the trade attribute window is separated by the \n/ it means the next information will be printed in next line.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.51.0	00075019	APL-7997, APL-6631, APL-7998	BOMSG-2948	Enh	Issue - To add new attributes for incoming sese.024 and sese.027 messages. Impact Analysis - Added the following new attributes for incoming sese.024 and sese.027: - sese.024 /Document/SctiesSttlmTxStsAdvc/PrcgSts/Rjctd/Rsn/AddtlRsnInf /Document/SctiesSttlmTxStsAdvc/PrcgSts/Canc/Rsn/AddtlRsnInf - sese.027 /Document/SctiesTxCxlReqStsAdvc/PrcgSts/Rjctd/Rsn/AddtlRsnInf /Document/SctiesTxCxlReqStsAdvc/PrcgSts/Dnd/Rsn/AddtlRsnInf
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.51.0	00062486, 00095899, 00107125, 00094886, 00097325, 00099618	APL-8716, APL-8315, APL-5691	BOMSG-2952	Enh	Issue - For Camt.057 CBPR, to add DbtrAgt, IntrmyAgt & XpctdValDt tags under Ntfctn and to change logic of IntrmyAgt to be aligned with MT210. Impact Analysis - Created a SDI attribute "CAMT057TagsunderNtfctn" to be set on the PO SDI, with value as either "True/False/Blank". If the value is "True", then tags will be placed under <Ntfctn> else under <Itm>. Made changes in camt057 CBPR message. Now DbtrAgt, IntrmyAgt & XpctdValDt tags will be populated under Ntfctn or Ntfctn/Itm tag based on the above logic. Updated logic for IntrmyAgt tag such that it will try to get in this precedence as Intermediary1 in PO Receiver SDI > if not present, Intermediary2 in CP Payer

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								SDI > if not present, Intermediary1 in CP Payer SDI > if not present, Agent in CP Payer SDI.
Maintenance	Performance	Cross	BO messaging 1.51.0	00111252		BOMSG-2961	Issue	Issue – While trying to display an XML message through navigator, it can't be displayed, Impact Analysis – Local Impact – Fixed the XMLViewer.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.51.0	00062486, 00095899, 00094886	APL-8535, APL-5691, APL-9060, APL-8315	BOMSG-2964	Issue	Issue – To use free text name fields from SDI in MX messages. Impact Analysis – There are free text name fields available in SDI for tags of Dbtr, DbtrAgt, Cdtr, CdtrAgt and IntrmyAgt1. These fields will be used to populate name tags of legal entities in ISO20022 MX messages when multiple names (sort codes) are assigned to single legal entity.

1.50   June 2024 - BO Messaging 1.52.0, 1.53.0, 1.53.1

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.52.0	00066104, 00110677, 00099420 00099276	APL-8757, APL-5818, APL-9700	BOMSG-2966	Enh	Issue – To add new tags 'Category Purpose' and 'Purpose' in the following messages pacs.008 CBPR+, pacs.008 STP CBPR+, pacs.009 CBPR+, pacs.009 ADV CBPR+, pacs.009 COV CBPR+. Impact Analysis - To populate the Category Purpose code, "CategoryPurposeCode" and "CategoryPurposeProp" keywords are added in the domain value. To populate the Purpose code, "PurposeCode" and "PurposeProp" keywords are added in the domain value. Transfer Attribute keywords "CategoryPurposeCode", "CategoryPurposeProp", "PurposeProp" and "PurposeCode" are added, The user needs to set the Attribute configuration in the Attribute Configuration Window to populate the Category Purpose Code in the MX message. The CounterParty SDI Attributes & Notes that are "CategoryPurposeCode", "CategoryPurposeProp", "PurposeCode", "PurposeProp" are added. The user needs to set the code which are provided in the ISO20022 code list in the "CategoryPurposeCode" attribute and "PurposeCode" and any value other than the ISO20022 code list in the "CategoryPurposeProp" and "PurposeProp".
			BO messaging 1.52.0			BOMSG-2983	Issue	Issue - Incorrect creation date value in <BizMsgIdr> and <MsgId> tags of pacs.008 and pacs.009 APN messages is observed, as the settlement date is considered as the creation date of the message. Impact Analysis - Local Impact - Formatting of the date is done. Also using time zone mentioned in User Default which will be driven through

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								"MXUseUserDefaultTimeZoneForDateTime" domain (If it is set to TRUE).
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.52.0	00088281	APL-8837, APL-7902	BOMSG-2987	Enh	Issue - SchmeNm tag does not appear in MX pacs.008 and pacs.009 message. Thus, to add tags <ID> and <SchmeNm> which are used for Scheme Name in the pacs.008, pacs.008STP, pacs.009, pacs.009COV, pacs.009ADV messages for CBPR+ jurisdiction. Impact Analysis - Introduced support of optional tag SchmeNm in pacs.009, pacs.009 COV, pacs.009 ADV, pacs.008, pacs.008 STP of CBPR jurisdiction. SchmeNm tag is present for the Creditor Account, Creditor Agent Account, Intermediary Agent account. The SchemeNm is used to populate the External Account Identification Number which is provided by the SWIFT and the ID is used to populate the Identification Number of the particular Account Identification Code.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.52.0	00103315	APL-9481, APL-9480, APL-9950	BOMSG-2995	Enh	Issue - To populate the tags <InstrForCdtrAgt> <InstrInf> for pacs.009.001.CBPR MX messages (pacs.008, pacs.009, pacs.009.ADV, pacs.009.COV). Impact Analysis - Created a new keyword "InstructionForCreditorAgent_Info" and the implementation is done using Transfer attribute and SDI attribute. The precedence in the CBPR+ message is given to the transfer attribute first and then to the SDI attribute. This means that the system would pick the Instruction for the creditor agent information first from the Attribute configuration window, then from Trade Attribute window and lastly from SDI window.
			BO messaging 1.52.0		RPM-6054	BOMSG-2997	Enh	Issue - To enhance Tag <AddtlInf> when Reason Code is NARR for camt.056 APN jurisdiction.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								Impact Analysis - If Reason code = NARR, then Additional Information is mandatory. First priority is Message Attribute CancelAdditionalInformation. Second priority is XferAttribute CancelAdditionalInformation of the transfer generating the message. This is populated only if Rsn/Cd = NARR.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.52.0	00111211		BOMSG-2998	Issue	Issue - Tag </AddInfo> is not populated in camt.056 when code is NARR as it is picking the values from message attribute first instead of transfer attribute. Impact Analysis - Local Impact - For camt.056 <AddInfo> tag now considers msg_Attr.CancelAdditionalInformation priority higher than transferAttributes.CancelAdditionalInformation. camt.056 is generated with tag </AddInfo>.
			BO messaging 1.52.0			BOMSG-3003	Issue	Issue - When booking an FXSwap trade and generating a Confirmation message with Template name as "FXSwapConfirm" and Gateway as "FILE," only one message is generated, and no message attribute is populated. Impact Analysis - Local Impact - Two confirmation messages are generated with Gateway "FILE", one for the near leg and one for the far leg. Also, CancelAdditionalInformation attribute is populated in the message attribute and <AddtlInf> tag is generated with cancel reason code.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.52.0	00112522		BOMSG-3013	Issue	Issue - When camt.053 message is generated via scheduled task with message type as MX_ACC_STATEMENT, the opening balance date <OPBD> is incorrectly captured as the current statement date and does not match with the amount in camt.053 (CBPR). Impact Analysis - For OPBD, the Start Date of the Account Statement will be picked. So now,

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								OPBD would be previous last statement date +1 calendar day.
Maintenance	Performance	Cross	BO messaging 1.52.0	00111252		BOMSG-3023	Issue	Issue - For BOMessage with format type = XML that was not saved as Binary document, in some cases, not able to open and display the advice document. Impact Analysis - Local Impact - The document can be displayed.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.53.0	00108161	APL-9898	BOMSG-3019	Enh	Issue - Backporting of existing Creation Date Time feature. Impact Analysis – Added a new Date Time field, when the message was created originally. This is done by adding a new column CREATION_SYSTEM_DATE to the BO_MESSAGE table. Also, a new report filter is added to the Message Report to allow users to view messages generated from transfer events by creation date "CreationSystemDate".
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.53.0	00115262, 00119772		BOMSG-3037	Issue	Issue - ISO20022 MX: camt.056.001.009 APN message is populating incorrect value in tag <OrgnlMsgNmId>pacs.009.001.APN.09</OrgnlMsgNmId>. This happened as in Camt056 template it was MEPS instead of APN for the tag. Impact Analysis - Local Impact - As expected no APN is generated under OrgnlMsgNmId tag.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.53.0	00110373, 00081870		BOMSG-3042	Issue	Issue - Camt053 statement on several pages is not working correctly. Impact Analysis – Local Impact – Added logs. The last message contains all the data from the previous pages also.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.53.1	00117067, 00117969		BOMSG-3058	Issue	Issue – The Dbtr field is not included in the Ntfctn sequence and <XpctdValDt> field is inside the Ntfctn block which should be in the Itm block with the Amt field for ISO 20022 (camt.057) message. Impact Analysis - Added <Dbtr> tag under <Ntfctn> when SDI attribute

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								CAMT057TagsunderNtfctn is set to true, same as for <DbtrAgt>, <IntrmyAgt>,<XpctdValDt>.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.53.1	00117019		BOMSG-3065	Issue	Issue – For MX CBPR+, Incorrect Message Identifier and Request Type are captured in pacs.008STP Messages. The Identifier Tag in pacs.008.001.STP.CBPR template is captured as "pacs.008.001.STP.08" instead of "pacs.008.001.08". Due to this, the messages are getting NACKED. Impact Analysis - Removed STP from MessageIdentifier for SAA messages. As expected, we can see pacs.008.001.08 value generated for Tag MessageIdentifier & RequestType.

1.51   August 2024 - BO Messaging 1.54.0, 1.55.0

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Trade Control / Confirmation / Settlement	Cross	BO messaging 1.54.0	00118154		BOMSG-3090	Issue	Issue – While creating a Matching context for MT900 & MT950 with Key. PO Agent Code and importing, matchable objects not populated with key.PO Agent Code on the incoming side. Impact Analysis – Local Impact - The Key.PO Agent Code populates the BIC Code of Nostro Agent who sends these messages.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.54.0			BOMSG-3092	Issue	Issue - Incorrect value for Dbtr Agt, Cdtr Agt and Cdtr for SIX and Dbtr Agt for T2 jurisdiction for pacs.009. When the BIC code is removed from the LE Contact and the name is inserted in the SDI Window, the Debtor agent tag is generated with the LE Full name, even though we have name details in the SDI Window. Impact Analysis - The Debtor agent tag is generated with the name mentioned in the SDI Window.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.54.0	00066107	APL-9752, APL-9478, APL-9775	BOMSG-3096	Enh	Issue - To add the Legal Entity Identifier for all the tags where BIC is populated for the pacs.008.CBPR, pacs.008.STP.CBPR, pacs.009.COV.CBPR, pacs.009.ADV.CBPR and pacs.009.core.CBPR messages. Impact Analysis - LEI is populated for the below tags in the respective messages for the CBPR+ jurisdiction: Agent (Charge Info), InstgRmbrsmntAgt, InstdRmbrsmntAgt, ThrdRmbrsmntAgt, InstgAgt, InstdAgt, IntrmyAgt1, IntrmyAgt2, CdtrAgt, DbtrAgt, Cdtr.
			BO messaging 1.55.0		APL-9281, APL-11228, APL-9357, APL-8573	BOMSG-3151	Enh	Issue - To implement Corporate Action changes for MX messages as per SR2024_CR 002037. Impact Analysis - Added format option C (Qualifier)(Date)(Time) to qualifier POST in field 98a in subsequence D1 and D2 in MT566. Impacted messages are MT566, Seev.036, Seev.037. Created Settle Date Time message attribute to specify the Date Time of the posting (credit or debit) to the account. These changes are applicable for inbound messages. For the MX messages, equivalent X:path are mapped.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
			BO messaging 1.55.0		APL-10678, APL-9357, APL-8573	BOMSG-3153	Enh	Issue - To implement Corporate Action changes for MX messages as per SR2024_CR 001999. Impact Analysis - Created a new amount type (BUYU) in 19B of the MT564/MT566. Added a new indicator (new code in OPTF) to identify the NET or GRSS reinvestment option in the MT564. Impacted messages are MT564, MT566, Seev.31, Seev.35, Seev.36 and Seev.37. - The created "Buy Up Amount" message attribute indicates the full amount to be paid when securities are bought up to next whole number. - Created "Div Reinvestment Type" message attribute to store the new codes in the tag 22F::OPTF for identifying the NET or GROSS reinvestment option. - Created new CA Window field "Div Reinvest Type" to store the 2 new codes added in the tag 22F::OPTF: RNET/RGRS. - Populated field Div Reinvest Price with value received in tag 90B::PRPP//ACTU when available and stored value in field ALTERNATE_AMOUNT from product_ca table. - Process CA Product: >> When 22F OPTF is received with RNET, CA is process following the existing process. Stock option is created with CA Model/Subtype ACCRUAL/STOCK_DIV >> When 22F OPTF is received with RGRS, -- Stock option with CA Model/Subtype ACCRUAL / TAX -- The formula is changed when calculating the WTH fee to adjust it to DVOP events as Eligible Quantity * Dividend Amount * Tax rate NB: Tax rate: to be taken either from Tax Rate in the CA window or Withholding Tax config. Field Tax Rate in CA window is populated with

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								value received in tag 92A with qualifier TAXR when available. If no Tax Rate is available, the value defined in the Withholding Tax config. will be used in the calculation of the WTH fee. For the MX messages, equivalent X:path were mapped. These changes are applicate for inbound messages and only applicable for the DVOP events.

1.52   October 2024 - BO Messaging 1.55.1, 1.55.2

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.55.1	00132230		BOMSG-3201	Issue	Issue - Incoming LAU on TransmissionReport causes DOM Exception on the Scheduled Task and the incoming message is not integrated. Impact Analysis – Local Impact - The Scheduled Task is passed without any error and message is imported fine. Removed the addition of space for self-closing elements of incoming message, as now canonicalization can handle it.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.55.1	00087006	APL-11610, APL-7380, APL-8393	BOMSG-3191	Enh	Issue - To support existing sese.023 generation for ECMS jurisdictions. Impact Analysis - sese.023.001.ECMS is generated successfully as per ISO20022.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.55.2	00129231		BOMSG-3187	Issue	Issue - For a Pacs.008, the Creditor is being populated with the Shortname rather than the long name where SDI is manual, and Beneficiary is known. Impact Analysis - Local Impact - Prioritized LE's

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								long name over short name for known Manual SDI parties.

1.53   November 2024 - BO Messaging 1.55.3

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.55.3	00131893		BOMSG-3231	Issue	Issue - Incoming CAMT053 & CAMT054 doesn't look up the PO Correctly when LOOK_PARENT_CONTACT= True. This is happening as the current method is not handling the multiple contact types of agents. Impact Analysis – Local Impact - Both CAMT53 & MT950 identifies the Receiver BDF.
Maintenance	Performance	Cross	BO messaging 1.55.3	00135508		BOMSG-3230	Sec	Issue – Sec - Potential security breach is predicted due to xmlsec library version 2.0.3. Impact Analysis - XMLsec jar is upgraded from version 2.0.3 to version 2.2.6.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.55.3	00137205, 00088525, 00094449	APL-7919, APL-7827	BOMSG-3247	Enh	Issue - Manual SDI SWIFT BIC for known legal entity is not populated correctly for all agents. Also to fix Manual SDI SWIFT BIC for agents Ordering Customer, Beneficiary, Agent, Intermediary1, Intermidiary2 available in Manual SDI and across all MX messages. Impact Analysis - Added logic for keywords of CPTY_INT2_BIC_CODE, CPTY_INT1_BIC_CODE, CPTY_AGENT_BIC_CODE and CPTY_BENEFICIARY_BIC_CODE, when the SDI is Manual with known LE. The system will now check for the Manual SDI for the known legal entity. If a known legal

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
								entity is used, then the system would check for the legal entity contact window for the BIC code. If the system finds the BIC code in the legal entity contact window, then the system will print the BIC or else it will print the complete name and address in the absence of the BIC code.

1.54 December 2024 - BO Messaging 1.55.4

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.55.4	00121162		BOMSG-3276	Issue	Issue – An issue is observed in MessageIdentifier tag of SAA header for ECMS. In MessageIdentifier tag, it is not removing ECMS in the tag. Impact Analysis - Added the transformation logic for SAA files: SAA.2.0.5.xml, SAA.2.0.7.xml, SAA.2.0.11.xml, SAA.2.0.14.xml.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.55.4	00131193		BOMSG-3256	Issue	Issue - To populate /Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/ClrSysMmbId tag in pacs.009.001.CBPR which are not populated. Impact Analysis – Local Impact - Added ClrSysMmbId and ClrSysCode for CDTR. Values for ClrSysID_Code & MmbId_ID are populated correctly for Cdtr tag.

1.55 April 2025 - BO Messaging 1.56.0

Capability Group	Capability	Asset Class	Legacy Component	Case	APL/RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 1.56.0	00145726	APL-13514, APL-13119	BOMSG-3427	Enh	Issue – To add the Clearing Channel <ClrChanl> tag with RTGS on pacs.009 CBPR messages. Impact Analysis - The tag <ClrChanl> will be populated either by the Transfer Attribute 'propagateTradeKeyword' or 'SetInternalAttribute' workflow rule, or by SDI Attribute for pacs.009.ADV, pacs.009.COV, and pacs.009. A new Trade Attribute "ClearingChannel" is created in the trade attribute, Attribute configuration window and SDI attribute window which will populate the tag <ClrChanl> in the MX message.

1.56 January 2022 - BO Messaging 2.0.0, 2.1.0, 2.1.1, 2.1.2 (17 Feb 22 MR)

BO Messaging 2.1.2 contains all fixes included in version 1.21.29 (16.1 Dec 21 MR) and below, in addition to the fixes below.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.1.2			BOMSG-1326	Issue	Issue - ChrgsInf Amt CCY is missing under PACS.008 T2 Jurisdiction. Impact Analysis - SingleCustomerCreditTransferT2.xml - ChrgsInf Amt CCY handled the same way as CBPR ChrgsInf Amt = Settlement amount – InterbankSettleAmount ChrgsInf Ccy is the trade currency
BO Messaging 2.1.2	00026266		BOMSG-1324	Issue	Issue – CBPR - Carriage Return in Address field does not meet validation rules.

Component	Case	RPM	Issue	Type	Description
					Impact analysis – Local impact – Updated Address field to proper format.
BO Messaging 2.1.2			BOMSG-1317	Enh	Issue - Add xsys.002.001.APN and xsys.003.001.APN under domain MX.Templates.
BO Messaging 2.1.2	00022535		BOMSG-1281	Enh	Issue - Populate Additional Attributes for statement CAMT053 similar to MT950. Fix – The following attributes have been added: Currency = //Document/BkToCstmrStmt/Stmt/Ntry/Amt/@Ccy Amount = //Document/BkToCstmrStmt/Stmt/Ntry[Sts/text()="BOOK"]/Amt/text() Settle\ Date = /Body/Document/BkToCstmrStmt/Stmt/Ntry/BookgDt/DtTm/text() Sequence\ Number = //Document/BkToCstmrStmt/GrpHdr/MsgPgntn/PgNb/text() Transaction\ Reference\ Number = /Body/Document/BkToCstmrStmt/Stmt/Ntry/NtryRef/text()

1.57 March 2022 - BO Messaging 2.2.0 (17 March 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.2.0		RPM-9027	BOMSG-1376	Enh	Issue – MX Messaging – Add support for pacs.008 AusPayNet template generation. Fix – Added support for pacs.008.001.APN generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0	00022169	RPM-6623	BOMSG-1291	Enh	Issue – MX Messages – Add integration of semt.044 messages (equivalent of MT537).

Component	Case	RPM	Issue	Type	Description
					Fix – Added integration of semt.044 messages. Please refer to Calypso Message Matching documentation for details.
BO Messaging 2.2.0		RPM-7461	BOMSG-1358	Enh	Issue – MX Messaging: Usage of Legal Entity Full Name instead of Short Name for tag <Nm>. Fix – The Legal Entity Full Name is now used instead of the Short Name for tag <Nm> in all MX templates.
BO Messaging 2.2.0	00022785	RPM-6697	BOMSG-1315	Enh	Issue – Align message attributes of MT548 and sese.024. Fix – Processing_Status is populated from SctiesSttlmTxStsAdvc/TxId/PrcgSts and Processing_Reaon is populated from SctiesSttlmTxStsAdvc/TxId/PrcgSts/<Rsn>/<Cd>.
BO Messaging 2.2.0	00019037 00024312 00018971 00026263	RPM-7461	BOMSG-1359	Enh	Issue –PACS008, PACS009 and PACS009COV for CHAPS, MEPS and CBPR+ - Implement InstrId to be different from BizMsgIdr and MsgId. Fix – Added message keyword INSTRUCTION_ID for InstrId.
BO Messaging 2.2.0	00022064	RPM-7463	BOMSG-1355	Enh	Issue – MX Messaging - CHAPS Payment Messages – Add support for enhanced templates TS2.1: pacs.004. Fix – To switch to the enhanced templates, the messages need to be added to the domain "MX.EnhancedTemplate.Revision.Version" with comment = TS2.1. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0		RPM-7460	BOMSG-1354	Enh	Issue – MX Messaging – Add support for camt.060 CBPR template generation. Fix – Added support for camt.060.001.CBPR generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0	00022064	RPM-5396	BOMSG-1356	Enh	Issue – MX Messaging - CHAPS Payment Messages – Add support for enhanced templates TS2.1: pacs.008. Fix – To switch to the enhanced templates, the messages need to be added to the domain "MX.EnhancedTemplate.Revision.Version" with

Component	Case	RPM	Issue	Type	Description
					comment = TS2.1. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0	00022064	RPM-7463	BOMSG-1357	Enh	Issue – MX Messaging - CHAPS Payment Messages – Add support for enhanced templates TS2.1: pacs.009 CORE & COV.
					Fix – To switch to the enhanced templates, the messages need to be added to the domain "MX.EnhancedTemplate.Revision.Version" with comment = TS2.1. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0	00025198 00019509	RPM-7464	BOMSG-1385	Enh	Issue – MX Messaging – Add support for admi.007 T2 template integration.
					Fix – Added support for admi.007.001.T2 integration. This message is received to inform of a validation error of an outgoing message. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0		RPM-7459	BOMSG-1378	Enh	Issue – MX Messaging – Add support for pacs.009 AusPayNet template generation.
					Fix – Added support for pacs.009.001.APN generation and pacs.009.001.COV.APN generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0		RPM-7459	BOMSG-1375	Enh	Issue – Message attribute MXJurisdiction should be generated for all products and all Jurisdictions (T2,CBPR+,CHAPS,MEPS,SIX,APN).
					Fix – Added message attribute MXJurisdiction for all products and all jurisdictions.
BO Messaging 2.2.0		RPM-7458	BOMSG-1377	Enh	Issue – MX Messaging – Add support for pacs.004 AusPayNet template generation.
					Fix – Added support for pacs.004.001.APN generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0		RPM-8588	BOMSG-1374	Enh	Issue – MX Messaging – Add support for camt.056 AusPayNet template generation.

Component	Case	RPM	Issue	Type	Description
					Fix – Added support for camt.056.001.APN generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.2.0		RPM-6993	BOMSG-1360	Enh	Issue – MX Messaging – Add support for the FILE gateway. Fix – Added support for the FILE gateway.
BO Messaging 2.2.0	00028229		BOMSG-1352	Issue	Issue – Error when modifying advice document for MX message within Calypso. Impact Analysis – Local impact – Fixing error.
BO Messaging 2.2.0	00028174		BOMSG-1346	Issue	Issue – Creditor Account ID field on pacs.009 not populated. It should be mapped to /Document/FICdtTrf/CdtTrfTxInf/CdtrAcct/. Impact Analysis – Local impact - Added Creditor Account ID field on pacs.009.MEPS.
BO Messaging 2.2.0	00026867		BOMSG-1339	Issue	Issue – CBPR+ - Cannot open pacs.008 when SDI is manual. Impact analysis – Local Impact to CashMXMessageReportStyle – For manual SDIs, allowing Intermediary and Intermediary2 to be null.

1.58   March 2022 - BO Messaging 2.3.0 (17 March 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.3.0	00028273		BOMSG-1382	Issue	Issue – Sender Agent is not identified correctly for incoming CAMT053 while it is working correctly for MT950. Impact Analysis – Local impact to CAMT053ExternalMessageFieldMapper - If multiple Agent have the same BIC, check if an account can be mapped and return the legal entity of the account.
BO Messaging 2.3.0	00028660		BOMSG-1390	Issue	Issue – The attribute CashStatementProcess is missing for camt.053 CBPR+ messages.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – Local impact to CAMT053MessageHandler – Fixed message lookup when it is split on multiple pages.
BO Messaging 2.3.0	00028319		BOMSG-1421	Issue	Issue - For MX Messages, when retrieving LE Contact info for the SDI intermediary, the system uses the role "Intermediary" instead of "Agent". Impact Analysis – Local impact to CashMXMessageReportStyle – Using role Agent to retrieve LE Contact info for the SDI intermediary.

1.59 March 2022 - BO Messaging 2.4.0 (17 April 22 MR)

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.4.0	00025468	RPM-6994 RPM-7466	BOMSG-1445	Enh	Issue – MX Messaging: Support for Transmission Report by SWIFT Alliance Access. Impact Analysis – Added support of importing Transmission Report message. Please refer to Calypso MX Payment Messages for details.
BO Messaging 2.4.0	00029728		BOMSG-1444	Issue	Issue – Contact details are not populated to pacs008 messages where unknown is selected on manual SDI. "UNKNOWN BENEFICIARY" is published instead. Impact Analysis – Local impact to CashMXMessageReportStyle – Showing the Debtor, Creditor and RmtInf correctly.
BO Messaging 2.4.0		RPM-6055 RPM-7465	BOMSG-1441	Enh	Issue – MX Messaging: Add support for Camt.029 AusPayNet template generation. Impact Analysis – Added support for Camt.029 AusPayNet template generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.4.0	00029342 00029421		BOMSG-1435	Issue	Issue – Pagination absence creates problem in incoming CAMT053. CAMT053 statement received from MAS is not getting processed in Calypso successfully due to Statement reflecting as Incomplete.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – Local impact - If there is no page number information, the message is considered complete.
BO Messaging 2.4.0			BOMSG-1430	Issue	Issue – Incorrect Message Field Name generated for Tag IntrmyAgt1 BIC instead of IntrmyAgt1 Nm if BIC is missing Impact Analysis - Local impact – For pacs.008.001 and pacs.009.001, when BIC is missing, IntrmyAgt1 Nm field is populated instead of IntrmyAgt1 BIC field.
BO Messaging 2.4.0	00029320		BOMSG-1428	Issue	Issue – MX Message: pacs.009.001.T2 populates EndToEndId tag as 'NOTPROVIDED'. Impact Analysis - EndToEndId tag of pacs.009.001.T2 now populates as message ID.

1.60   April 2022 - BO Messaging 2.5.0 (17 April 2022)

Component	Case	RPM	Issue	Type	Description
BOMSG 2.5.0	00030854		BOMSG-1511	Issue	Issue - SESE027 not processed when ISIN is not present even though it is not a mandatory tag. Impact Analysis – Local impact to SecurityMessageHandler - If the ISIN is not present in the message, it is not checked against the security of the transfer.
BOMSG 2.5.0	00031912		BOMSG-1508	Issue	Issue – Unknown error message in sese.020 message. Impact Analysis – Local impact to SecuritiesSettlementInstructionCancellation.xml – Fixed template.
BOMSG 2.5.0	00030096 00032460		BOMSG-1506	Issue	Issue - ISO20022 MAS - Intermediary Agent field is not populated. Impact Analysis – Local impact - If multiple intermediary agents are present, then IntermediaryAgent1 the agent between the DebtorAgent and the IntermediaryAgent2.

Component	Case	RPM	Issue	Type	Description
BOMSG 2.5.0	00030305		BOMSG-1502	Enh	Issue – For CHAPS TS2.1 messages, InstrId should be stored in INSTRUCTION_ID trade keyword. Fix – Added message keyword INSTRUCTION_ID for InstrId for CHAPS TS2.1 messages.
BOMSG 2.5.0	00031131		BOMSG-1499	Issue	Issue - SEMT020 not processed by MatchIncomingSecurityAdvice. Impact Analysis – Local impact to semt.020.attributes - Allowing the attribute AgentRef to be retrieved from multiple tags: SctiesSttlmTxConfId, SctiesFincgConfId, SctiesSttlmTxAllgmtNtfctnTxId or SctiesSttlmTxGnrtnNtfctnId.
BOMSG 2.5.0	00029684		BOMSG-1497	Issue	Issue - CAMT053 Statements: STATUS <sts> tag not processed correctly. Impact Analysis – Local impact – Processing <sts> tag correctly.
BOMSG 2.5.0	00031882		BOMSG-1494	Issue	Issue - Sender and Receiver not set in SESE028, SESE029 and SEMT020. Impact Analysis – Local impact – Setting Sender and Receiver based on linked outgoing message, and only if they are not already set.
BOMSG 2.5.0	00028861		BOMSG-1490	Enh	Issue – CHAPS pacs008 - InstrForCdtrAgt is not correct. Fix - If Sender To Receiver Information is starting with /ACC/, populate tag <InstrForCdtrAgt> <InstrInf> with maximum of 2 lines of 140 characters for each occurrence. If Sender To Receiver Information is starting with /REC/, populate tag <InstrForNxtAgt> <InstrInf> with maximum of 4 lines of 140 characters for each occurrence. If Sender To Receiver Information does not contain /ACC/ or /REC/, populate tag <InstrForNxtAgt> <InstrInf> with maximum of 4 lines of 35 characters for each occurrence.
BOMSG 2.5.0	00028945 00031212		BOMSG-1487	Issue	Issue – The timestamp in the header should be the same as the timestamp in the message.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – Local impact to CashMXMessageReportStyle - Changed header to have the same timestamp as tag CreDt and CreDtTm.
BOMSG 2.5.0	00031211		BOMSG-1485	Issue	Issue - PACS.009.001.CBPR template displaying Creation Date Time in 12 hours format instead of 24 hours format. Impact Analysis – Local impact to CashMXMessageReportStyle – Displaying Creation Date Time in 24 hours format.
BOMSG 2.5.0	00029489		BOMSG-1483	Enh	Issue - ISO20022 pacs.008 CBPR+ showing PO in /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Dbtr instead of account holder. Fix – For a "Customer Transfer" trade, Dbtr is the long name of the 'From legal entity'.
BOMSG 2.5.0			BOMSG-1481	Enh	Issue - Make method generateNewTrade of the return transfer window protected instead of private. Fix – In TransferWorkflowActionHandlerRETURN, method generateNewTrade is now protected.
BOMSG 2.5.0	00031080		BOMSG-1470	Issue	Issue – CAMT053 import - Error when /Document/BkToCstmrStmt/GrpHdr/MsgPgntn/PgNb is not present Impact Analysis – Local impact to CAMT053MessageHandler – Checking for null value.
BOMSG 2.5.0		RPM-7053	BOMSG-1466	Enh	Issue – Add integration of T2S sese.023 messages. Fix – Added integration of TS2 sese.023 messages. Please refer to Calypso Message Matching documentation for details.
BOMSG 2.5.0	00030943 00031546		BOMSG-1452	Issue	Issue - MX Messages: Contact with expired effective date is incorrectly being picked up. Impact Analysis – Local impact to CashMXMessageReportStyle - Updating the PartySDI before checking the contact.
BOMSG		RPM-2586	BOMSG-468	Enh	Issue – Add integration of camt.057 CBPR+ messages.

Component	Case	RPM	Issue	Type	Description
2.5.0					Fix – Added integration of camt.057 messages. Please refer to Calypso Cash Management documentation or details.

1.61   June 2022 - BO Messaging 2.6.1 (17 June 2022)

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.6.1	00029557	RPM-6806 RPM-10239	BOMSG-1368	Enh	Issue – Support the generation of sese.021. Impact Analysis - Added new template SecuritiesTransactionStatusQuery.xml. Changed tag <AcctOwnrTxId> to get the Id of sese.023 from transfer attribute ClientRef/Reference. Added fields and Updated the XSD. Added new mandatory tag <Nb>. To generate a sese.021: Create a message set-up with the new Event Type SECURITY_TRANSACTION_STATUS. Set up the PSEventGenericOnObject in Message engine. Select a transfer or multi transfers and click on process>Security Transaction Status.
BO Messaging 2.6.1		RPM-7605	BOMSG-1533	Sec	Issue - Upgrade antlr libraries from version 3.1.3 to version 4.9.3. Impact Analysis - This required re-writing the parser of the tag <expression>, which impacts all templates.
BO Messaging 2.6.1	00029525		BOMSG-1520	Issue	Issue - The generated CAMT.053 messages contain incorrect pagination. Only last message should show LastPgInd = True. Impact Analysis - Used Core API to get the Transfer Id. Fixed a sonar quality gate issue. Also did a small refactor around handlers for MX Cash Message. Added new tags in the XML for CAMT.053 to manage intermediary opening and closing balances. Value for

Component	Case	RPM	Issue	Type	Description
					Tags <PgNb> and <LastPgInd> are populated correctly for one or multiple transfers.
BO Messaging 2.6.1	00032763		BOMSG-1547	Issue	Issue - When env property USE_CCY_ISO_CODE=true, calypso is not using the ISO code from currency default in the MX Messages pacs.000.001.CBPR. Impact Analysis – This correctly picks up the ISO code from the currency default.
BO Messaging 2.6.1	00031346	RPM-9379	BOMSG-1477	Enh	Issue - MX Messaging: pacs.009 CORE & COV APN optional fields to add: <IntrmyAgt1> & <IntrmyAgt2>. Impact Analysis – For Pacs009APN: BIC for <IntrmyAgt1> and Postal address have town and country in <IntrmyAgt2> of Cpty is populated. For Pacs009COVAPN: Postal address have town and country in <IntrmyAgt1> and BIC for <IntrmyAgt2> of Cpty is populated.
BO Messaging 2.6.1	00026265	RPM-5713	BOMSG-1164	Enh	Issue - Enrichment of PstlAdr tag in MX messages across all jurisdictions. Impact Analysis – Added a condition: If <TwnNm> & <Ctry> both are present, then <AdrLine> should not be present. if <TwnNm> & <Ctry> both are Not present: i.e., If only <TwnNm> or only <Ctry> is present, then only <AdrLine> should be present. Thus, making structured address format to take precedence on the unstructured address format. Postal address for the tags would be populated correctly. if LE contact Address field is not empty, using the tag <AdrLine> which can be configured several times according to the jurisdiction. If not, use the tag from Domain value addressmethod like AddressType, Department, StreetName, etc.

Component	Case	RPM	Issue	Type	Description
					Added new tag Parameters, 'param' in template.xsd to configure context and get the value of tag PstCd from contact field Zip Code. Fixed bug to get the tag <Room>.
BO Messaging 2.6.1		RPM-7424 RPM-10176	BOMSG-1433	Enh	Issue - MX Messaging: Support V2.1 update of all ISO20022 CBPR and all published by SWIFT in Jan 2022. Impact Analysis – Managed CBPR+ v2.1 Jan2022 SWIFT update: head.001 CBPR.
BO Messaging 2.6.1	00017881	RPM-6136 RPM-9601	BOMSG-1405	Enh	Issue - Add optional tags for Clearing System Id for CreditorAgent, Intermediary1 and Intermediary2 in Pacs.004 / Pacs.008 / Pacs.009. Impact Analysis - Tags such as <ClrSysId> & <MmbId> for CreditorAgent, Intermidiary1, Intermidiary2 for pacs.004, pacs.008 and pacs.009 Core & Cov are generated.
BO Messaging 2.6.1	00029728		BOMSG-1534	Issue	Issue – When booking a trade to generate MX message using manual SDI and unknown beneficiary/Agent, street address is missing in APN template and duplicate address is coming in CBPR template. Impact Analysis – While booking Simple Transfer Trade with Counterparty as MX_CP and Processing Org as MX_PO to generate MX Message as Pacs.008 for Jurisdiction APN & CBPR, using Manual SDI, Pacs008 tag <AdrLine> under cdtr/PstlAdr is coming as expected.
BO Messaging 2.6.1	00031534		BOMSG-1524	Issue	Issue – Unable to upload bulk CAMT053. Impact Analysis – Issue resolved. Can upload multiple CAMT053.
BO Messaging 2.6.1			BOMSG-1552	Issue	Issue - IntrBkSttlmAmt in APN messages should be in format of whole dollar number followed by a decimal point and two decimal digits format amount (e.g., '10.20'). Impact Analysis – While setting up a message and booking a simple transfer trade, transfers are in verified status and format.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.6.1	00032866		BOMSG-1538	Issue	Issue – While configuring the message for Pacs.009 RBA to generate the message by booking a trade the tag IntrBkSttlmAmt is coming in Invalid format without any decimal place. Impact Analysis – The system populates the tag <IntrBkSttlmAmt> with 2 decimal places as expected.
BO Messaging 2.6.1	00032385		BOMSG-1544	Issue	Issue—While booking trade and generating payment message (Pacs. 009.APN), the debtor on the message is being populated with an invalid combination of BIC, Name & Country Impact Analysis - The Debtor on the message is getting generated with combination as BIC + Account (Opt) Or Name + Twn Name + Country + Acc (Opt).
BO Messaging 2.6.1	00031208		BOMSG-1540	Issue	Issue - RBA - Creditor Account ID & Intermediary Account field on pacs.009 are not populated while generating a transfer agent trade from one account to others. Impact Analysis - <CdtrAcct>, <IntrmyAgt1Acct>, and <CdtrAgtAcct> stores the A/C of PO (SDI that receive the fund) in "Agent" tab, "Intermediary2" tab and "Intermediary" tab respectively.
BO Messaging 2.6.1	00025553	RPM-7003	BOMSG-1437	Enh	Issue - MX Messaging: Generate camt.056 MX message support with 'CANCEL' action and linked message is either pacs.008 or pacs.009 for V17. Impact Analysis - Current camt.056 message generation is triggered via RECALL action on transfer. There are cases when trade/transfer cancellation is triggered by external system (outside Calypso). To support this, an alternate approach for camt.056 message generation is developed in Calypso "out-of-the-box" functionality.
BO Messaging 2.6.1		RPM-5713	BOMSG-1590	Issue	Issue - Fix regression issue on PstlAdr tag in MX messages across all jurisdictions. The structured address format takes precedence on the unstructured address format.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – Detailed address will only be displayed if both Town and Country are present. If any one of the two is missing, then AdrLin will be displayed.
					This is done by adding a condition:
					If <TwnNm> & <Ctry> both are present, then <AdrLine> should not be present.
					If both of <TwnNm> & <Ctry> are Not present, and if only <TwnNm> or <Ctry> is present, then only <AdrLine>should be present.
					The list of impacted templates is:
					pain.001.001.CBPR
					pacs.010
					pacs.010.CBPR
					pacs.009
					pacs.009.APN
					pacs.009.CBPR
					pacs.009.CHAPS
					pacs.009.CHAPS.TS2.1
					pacs.009.COV
					pacs.009.APN.COV
					pacs.009.CBPR.COV
					pacs.009.CHAPS.COV
					pacs.009.CHAPS.TS2.1.COV
					pacs.009.MEPS.COV
					pacs.009.T2.COV
					pacs.009.MEPS
					pacs.009.SIX

Component	Case	RPM	Issue	Type	Description
					pacs.009.T2
					camt.057.001.CBPR
					pacs.004.APN
					pacs.004.CHAPS
					pacs.004.CHAPS.TS2.1
					camt.029.001.CBPR
					camt.029.001.MEPS
					camt.029.001.SIX
					pacs.008
					pacs.008.APN
					pacs.008.CBPR
					pacs.008.CHAPS
					pacs.008.CHAPS.TS2.1
					pacs.008.MEPS
					pacs.008.SIX
					pacs.008.T2
BO Messaging 2.6.1	00033183		BOMSG-1577	Issue	Issue - If there is no .xml suffix in the Template column of the Incoming Linked Msg Identifier config window, calypso is not correctly populating the Msg linked Id and it is blank. Impact Analysis – Removed extension .xml suffix in the Template column of the Incoming Linked Msg Identifier config window to resolve the issue for Pacs008.T2 and Pacs009.CBPR.

1.62 July 2024 - BO Messaging 2.6.2

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.6.2	00120305, 00094449, 00088525	APL-7827	BOMSG-3086	Enh	Issue - Manual SDI SWIFT BIC for known legal entity is not populated correctly for all agents. It should be fixed for Beneficiary, Intermediary1 and Intermidiary2 available in Manual SDI and across all MX messages. Impact Analysis - <Cdtr>, <IntrmyAgt1>, <IntrmyAgt2> tags are generated with BIC code.

1.63 July 2022 - BO Messaging 2.7.0 (17 July 2022)

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.7.0	00029842 00029557	RPM-10315 RPM-6806 RPM-7434 RPM-10239	BOMSG-1370	Enh	Issue – Security - Import Semt.017 (SecuritiesTransactionPostingReport). Impact Analysis – Added import of semt.017 messages. Please refer to Calypso Message Matching documentation for details.
BO Messaging 2.7.0	00031190		BOMSG-1600	Issue	Issue - CBPR+: PACS.009COV – The CdtrAgt tag outside of UndrlygCstmrCdtTrf is not correctly populated. The CdtrAgt tag outside the UndrlygCstmrCdtTrf tag is picking up Cpty Agent contact details instead of cpty Intermediary contact details. Impact Analysis - The CdtrAgt outside the UndrlygCstmrCdtTrf tag is picking Intermediary 1 from the cpty SDI.
BO Messaging 2.7.0	00033412		BOMSG-1608	Issue	Issue - CATT Regression_Sender information and Sender name is not appearing correct in the message report. Impact Analysis – Sender name and information are displayed correctly for CATT for PACS.010.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.7.0	00034308		BOMSG-1605	Issue	Issue – To support special characters in long name for MX message as supported for Street name. Impact Analysis – Updated the long name field to support special characters.
BO Messaging 2.7.0	00033046		BOMSG-1603	Issue	Issue - Sese.027 uses incorrect tag while mapping to sese.020. For an incoming sese.027 message, system should refer <CxlReqRef> tag for indexing, related to sese.020 message. However, the system uses <SctiesSttlmTxId> tag of incoming sese.027 message, which is related to sese.023 message. So, the reference of message/transfer is stored in //Document/SctiesTxCxlReqStsAdvc/CxlReqRef/Id/text() and not in //AcctOwnrTxId/SctiesSttlmTxId/TxId/text() Impact Analysis – Updated the indexing in the system so that sese.027 is linked to sese.020.
BO Messaging 2.7.0	00033277		BOMSG-1597	Issue	Issue - Regression - Issue with Long name and short name MT vs MX. The template GeneralFinancialInstitutionTransferCHAPS.TS2.1.xml was not updated to support the Long Name. Impact Analysis - Removed the domain value MX.EnhancedTemplate.Revision.Version with extension pacs.009.001.CHAPS, and used the regular template which uses the Long Name. This added support for long name to GeneralFinancialInstitutionTransferCHAPS.TS2.1.xml.
BO Messaging 2.7.0		RPM-9366 RPM-9648	BOMSG-1542	Enh	Issue – To populate Sender & Receiver in MX Message Window for xsys.002 & xsys.003. Sender to be populated with the value from <Saa:Sender> <Saa:FullName> <Saa:X1> and Receiver to be populated with the value from <Saa:Receiver> <Saa:FullName> <Saa:X1> Impact Analysis - Added fields 3rdPartySenderInfo for xsys.002 and 3rdPartyRefusalReason for xsys.003
BO Messaging 2.7.0	00033693		BOMSG-1594	Issue	Issue - Creditor and Debtor tags of pacs.008 picks data incorrectly from LE Contacts. While booking simple transfer and setting up CP and PO contacts for Product=ALL and

Component	Case	RPM	Issue	Type	Description
					Product=SimpleTransfer, Creditor and Debtor tag is picking data from LEContact where Product=AL.
					Impact Analysis - Creditor and Debtor tag is picking data from LEContact where Product=SimpleTransfer.
BO Messaging 2.7.0	00029562	RPM-7539 RPM-10484	BOMSG-1519	Enh	Issue – Support for ISO20022 MX message generation semt.021 via SWIFT Statement Request Window. Impact Analysis – Added generation of sese.021 messages to SWIFT Statement Request Window. Please refer to Calypso Messages documentation for details.
BO Messaging 2.7.0	00034493 00034506		BOMSG-1613	Enh	Issue - MX Message - pacs.009.001.APN - Business Service. To provide functionality to add multiple business services (BizSvc) on the MX template pacs.009.001.APN including: apn.hvcs.01: For domestic message across HVCS. apn.hvcs.xbrdr.01: For onward cross border payment using an Australian Intermediary. Currently only one value per MX template is supported. Impact Analysis – Changes done for all the templates of APN jurisdiction - If counterparty SDI attribute MX.BAH.BusinessService = xbrdr, xbrdr is added to the BizSvc tag.

1.64   August 2022 - BO Messaging 2.8.0 (17 August 2022)

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.8.0	00034794		BOMSG-1638	Issue	Issue – Parsing logic is not as per the standards for PACS.004 template. While setting up the configuration for Outgoing Linked Message Identifier, Incoming Linked Message Identifier for Outgoing Pacs009 & Incoming Pacs004, setting up the workflow for Incoming Pacs004; on booking a trade and generating outgoing

Component	Case	RPM	Issue	Type	Description
					pacs009 and importing the Pacs004 where the clearing System is mentioned between <cd> <ClrSys> <Cd>TGT</Cd> </ClrSys>, it is observed that incoming pacs004 doesn't get linked with Outgoing pacs009. Impact Analysis - Incoming pacs004 is correctly linked with Outgoing pacs009.
BO Messaging 2.8.0	00034946		BOMSG-1636	Issue	Issue - Pacs message Issue: User cannot open generated pacs 008 APN messages when Intermediary is Unknown and defined on Cash Manual SDI. Impact Analysis - When address tab is kept blank no NPE is generated and so user can successfully open the generated pacs 008 APN messages.
BO Messaging 2.8.0	00034005		BOMSG-1650	Issue	Issue – Swift MX pacs009 import - While saving the matching context with "Key.Value Date" as one of the matching criteria and importing the incoming pacs.009 "Key.Value Date" is not populated which is expected to be populated from tag <IntrBkSttlmDt>. Impact Analysis - Populating "Key.Value Date" correctly.
BO Messaging 2.8.0	00033570	RPM-9737	BOMSG-1640	Issue	Issue – Changes needed for CHAPS Enhanced TS2.1 pacs.009 template. In Pacs009 CHAPS, Debtor agent to be removed and Creditor Agent must not be populated if creditor agent = message receiver. Impact Analysis - Removed the elements <Debtor Agent> & <Debtor Agent Account>. Also, added a condition for Creditor that /Document/FICdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI: is to be populated only if, it is different from message receiver, i.e., Receiver.Swift. Hence, if CdtrAgt = message receiver, the whole elements <CdtrAgt> & <CdtrAgtAcct> won't be present.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.8.0	00032628 00033595 00032166 00032531 00037086	RPM-10401 RPM-9737	BOMSG-1625	Enh	Issue - MX Messaging: CHAPS Payment Messages - Enhanced Template TS2.1.1 as of 11 MAR 2022 - V17 MR. Impact Analysis - New xsd schema provided for all the templates and updated pacs.004, pacs.008, pacs.009 CORE & COV templates CHAPS.TS2.1 for the XML elements with version column being V1.3.0. Also, changed the default behaviour of the domain value MX.EnhancedTemplate.Revision.Version which means that if it is not set or is empty, then TS2.1 CHAPS templates will be used by default.
BO Messaging 2.8.0	00028303	RPM-9458 RPM-7053	BOMSG-1645	Enh	Issue – To add new message attribute "Other Security Code" to the MX Message Window when importing sese.023 messages. Impact Analysis – Added new message attribute "Other Security Code", populated from Document/SctiesSttlmTxInstr/FinInstrmId/OthrId.
BO Messaging 2.8.0	00033927 00034420		BOMSG-1652	Issue	Issue - MX Messaging: Mandatory updates required for pacs.004 TARGET2 Version 2.2. Impact Analysis - Updated pacs.004.001.T2 template to include <RtrChain> underlying tags. Also fixed an issue on LinkedEndToEndId ording.
BO Messaging 2.8.0	00035502		BOMSG-1648	Enh	Issue - Incorrect DataPDU SAA header in CBPR + messages. While saving a message config and saving a simple transfer trade with CP = nonfinancial LE, when pacs.008 and pacs.009 COV are checked if they are generated, Pacs.009cov is rejected due to incorrect DataPDU SAA header. Impact Analysis - Added RequestType and RequestSubtype for CBPR messages in the template SAA.2.0.11.xml. <RequestType> - Same value as <MessageIdentifier> tag of DataPDU header. <RequestSubtype> - Same value as <BizSvc> tag under <AppHdr>.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.8.0	00022969 00034887	RPM-6716 RPM-10284	BOMSG-1475	Enh	Issue – To support the generation of trck.001.001.02 messages for Universal Confirmation Tracker. Impact Analysis - Added support for trck.001.001.02 messages generation. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.8.0	00029843	RPM-7433 RPM-10568	BOMSG-1476	Enh	Issue – Integrate SEMT018 with two <Txs> block and each <Txs> block having TradId equal to Message Id for two outgoing MT543. Impact Analysis – Integrated SEMT018 on Swift portal and replaced the <Tx> tag with <Txs> tag, linked SEMT018 to Outgoing MT543 and validated MsgAttributes as per tags. Please refer to Calypso Message Matching documentation for details.
BO Messaging 2.8.0	00028084 00026372 00031203	RPM-7437 RPM-9646	BOMSG-1551	Enh	Issue - MX Messaging: To sign DataPDU outgoing MX messages with the PO specific MX LAU key and validate the outgoing digest against the freeformat site generated hashcode - https://www.freeformatter.com/hmac-generator.html. Impact Analysis - Digital signature LAU is now supported for the generation and integration of MX messages, in addition to the MT messages, using the same config window Swift LAU.

1.65   September 2022 - BO Messaging 2.9.0 (17 September 2022)

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.9.0	00037315		BOMSG-1718	Issue	Issue - Special characters for MX messages are not converted, as that for MT messages. Impact Analysis - Added deaccent to all PstAddr fields for MX messages, which converts special characters to normal ones.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.9.0	00035657		BOMSG-1707	Issue	Issue – SWIFTImportMessageEngine doesn't work with MQSeries server for importing MX messages. Impact Analysis – SWIFTImportMessageEngine is running with config as MX and messages are integrated successfully. Imported MX message using ImportMessageEngine with an IBM MQSeries server, messagingPlatform=IBMMQ in calypso_mx_config.properties.
BO Messaging 2.9.0			BOMSG-1680	Enh	Issue - Add support for JSON Message Generation. Impact Analysis - Added support for JSON following the change of type for quantity field and added a mime type. Please refer to Calypso MX Payment Messages documentation for details.
BO Messaging 2.9.0	00036985		BOMSG-1677	Issue	Issue - When generating MX APN messages with the SAA version 2.0.11, the fields <MessageIdentifier></MessageIdentifier> are populated incorrectly due to the missing value: <transformation type="regexp"> <from>\.APN</from> <to></to> The incorrect value for Pacs.008.001.APN is: <MessageIdentifier>pacs.008.001.APN.09</MessageIdentifier> Similarly, the incorrect value for Pacs.009.001.APN is: <MessageIdentifier>pacs.009.001.APN.09</MessageIdentifier> In both the above cases, APN. is additional. The tag <MessageIdentifier> should be populated as pacs.008.001.09 instead of pacs.008.001.APN.09*, which is not correct. Similar error coming for pacs.009.001.09. Impact Analysis – APN messages are populated correctly now. Missing value added for SAA version 2.0.11 as that of SAA version 2.0.5.
BO Messaging 2.9.0	00037175		BOMSG-1690	Issue	Issue – Pacs.008 and Pacs.002 integration with respect to EBA.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis - Added a new Domain Name MXOtherJurisdiction. This domain value contains domain names that represents other jurisdictions that are not supported by Calypso. This permits client to add new jurisdiction if needed. As expected pacs.002 is linked correctly and pacs.008 was moved to ACKED Status.
BO Messaging 2.9.0	00037307		BOMSG-1715	Issue	Issue – Incoming TransmissionReport message- follows INC_PACS.009 workflow, however, it should follow INC_TransmissionReport workflow.
					Impact Analysis - As the incoming message is of TransmissionReport type, MessageType column is populated as Transmissionreport. The incoming message is integrated with outgoing message and outgoing message is moved to ACKED status and incoming message to PROCESSED status.
BO Messaging 2.9.0	00036747 00028861		BOMSG-1682	Issue	Issue – CHAPS: pacs008: InstrForCdtrAgt is not as per specifications for CHAPS TS2.1 and TS2.1.1 templates
					Impact Analysis - If Sender To Receiver Information is starting with /ACC/, populate tag <InstrForCdtrAgt> <InstrInf> with maximum of 2 lines of 140 characters for each occurrence.
					If Sender To Receiver Information is starting with /REC/, populate tag <InstrForNxtAgt> <InstrInf> with maximum of 4 lines of 140 characters for each occurrence.
					If Sender To Receiver Information does not contain /ACC/ or /REC/, populate tag <InstrForNxtAgt> <InstrInf> with maximum of 4 lines of 35 characters for each occurrence.
BO Messaging 2.9.0		RPM-5093 RPM-9647	BOMSG-1660	Enh	Issue – MX Messaging: To support pacs.009 & pacs.009.COV HK CHATS template generation.
					Impact Analysis – Added support for pacs.009 CHATS & pacs.009.COV CHATS generation. Please refer to Calypso MX Payments Messages documentation for details.
BO Messaging 2.9.0	00035956		BOMSG-1684	Issue	Issue – While booking an Open Repo Trade and performing the Call Exercise, Invalid Instruction Trade Date on MX message

Component	Case	RPM	Issue	Type	Description
					(SEC_RECEIPTMSG) is generated. The Trade Date is agreement date however, it should be Original Trade Date.
					Impact Analysis - Added new MessageReportStyle to handle TradeDate. As expected, the trade date doesn't change in the generated MX message SEC_RECEIPTMSG.
BO Messaging 2.9.0		RPM-5093 RPM-9647	BOMSG-1703	Enh	Issue – Enhance SAA header for HK CHATS to use domain MX.CHATS for the Receiver HKICL.
					Impact Analysis – Fixed FullName/X1 with a new domain value MX.CHATS/ReceiverDN so that now:
					The <DN> Distinguished Name tag under <Receiver> is populated using the domain "MX.CHATS", value "ReceiverDN ".
					The <FullName> tag under <Receiver> is populated using the domain "MX.CHATS", value "SAA.Receiver"
					The comment of the domain "MX.CHATS" for Value = BAH.Receiver is used to set the receiver in the Business Application Header only.
BO Messaging 2.9.0		RPM-5094 RPM-10332	BOMSG-1664	Enh	Issue – MX Messaging: To support pacs.004 HK CHATS template generation.
					Impact Analysis - Added support for pacs.004 CHATS generation. Please refer to Calypso MX Payments Messages documentation for details.
BO Messaging 2.9.0		RPM-5092 RPM-10937	BOMSG-1657	Enh	Issue – MX Messaging: To support pacs.008 HK CHATS template generation.
					Impact Analysis - Added support for pacs.008 HK CHATS. Please refer to Calypso MX Payment Messages documentation for details.

1.66   September 2022 - BO Messaging 2.10.0 (17 September 2022)

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.10.0		RPM-10846 RPM-6991 RPM-6898 RPM-10724	BOMSG-1696	Sec	Issue – Update Infosec library to address a security issue with JAXB Unmarshaller.
BO Messaging 2.10.0		RPM-9328 RPM-10437	BOMSG-1587	Enh	Issue - MX Messaging: Enhance camt.053 integration process to support multiple account statements (i.e., multiple STMT tag in same message) in a single camt.053 message which is expected in T2/T2S. camt.053 message is also to be used in TARGET2 CLM (Central Liquidity management) service to send "General Ledger" file to central banks. Impact Analysis - A new Domain camt053DuplicateStatement is added which contains one value:allowDuplicate and can be set as True or False. Added support for camt.053. Please refer to Calypso MX Payment Messages documentation for details.

1.67   September 2022 - BO Messaging 2.10.1

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.10.1	00037717		BOMSG-1772	Issue	Issue - Issue on the selection of contact for MX Message. MX message Pacs.010 is getting generated for agent with invalid (Expired) contact details and hence the InstrdAgt is incorrect. Impact Analysis - MX Message Pacs.010 is getting generated with correct contact details of Agent.
BO Messaging 2.10.1	00037104		BOMSG-1747	Issue	Issue - Value Date and Settle date are incorrectly populated in the matching manager in an incoming Camt054.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis - Key.Settle Date is coming as Value Date in message and Key.Value Date is coming as Value Date in message as expected.
BO Messaging 2.10.1	00037547		BOMSG-1746	Issue	Issue – The MX Tags "ClrSysIS_Code" & "MmbId_ID" are not populated for APN jurisdiction on the PACS009 message.
					Impact Analysis – MX tags "ClrSysIS_Code" & "MmbId_ID" are now populated for APN jurisdiction on the PACS009 message.

1.68   September 2022 - BO Messaging 2.10.2

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.10.2	00037855		BOMSG-1743	Issue	Issue – The value 'pacs.009.001.COV.08' of element 'OrgnlMsgNmId' is not valid in camt.056 T2.
					The cancelation message has tag: <OrgnlMsgNmId>pacs.009.001.COV.08</OrgnlMsgNmId>, however it should be populated with same tag information as populated in <MsgDefIdr> corresponding to pacs.009COV message of T2.
					Impact Analysis – The following tag is generated as expected: <OrgnlMsgNmId>pacs.009.001.08COV<OrgnlMsgNmId>
BO Messaging 2.10.2	00037749		BOMSG-1738	Issue	Issue – Pacs.008.001.T2 - Receiver <DN> tag is incorrectly set and seems to be coming from SAA.Receiver domain.
					Impact Analysis - Changed logic to fill receiver <DN> tag for Pacs.008.001.T2.
BO Messaging 2.10.2			BOMSG-1739	Issue	Issue – Pacs.008 APN - Tag IntrBkSttlmAmt is not appearing with the correct Value as compared Against Transfer Attributes & MT103.
					Impact Analysis – Getting IntrBkSttlmAmt from InterbankSettleAmount transfer attribute as done for MT103.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.10.2			BOMSG-1712	Issue	Issue – MX Messaging: pacs.004 template Generation: change on tag SttlmPrty. Impact Analysis - Tag SttlmPrty logic for pacs.004 is changed for following jurisdictions with the below logic: APN: remove tag SttlmPrty because it is not managed in APN pacs.008/pacs.009 CBPR+: Payer.SDIAttributes.CBPRSttlmPrty, otherwise "NORM" (same as CBPR pacs.008/pacs.009) CHAPS: Payer.SDIAttributes.CHAPSSttlmPrty (same as CHAPS pacs.008/pacs.009). Tag is not populated when SDI attribute is missing.
BO Messaging 2.10.2			BOMSG-1752	Issue	Issue – Pacs.004 is not compatible to select the Specific Jurisdiction as per ISO2022 External Code window configuration, which is used to select Return Reason Code from Return transfer window. Impact Analysis - Changed the logic to get ReasonCode in the Transfer Return window. Now first the values defined for the MXJurisdiction attribute of the transfer are checked and in case if nothing is found, then the values are defined with no Jurisdiction.
BO Messaging 2.10.2	00038576		BOMSG-1750	Issue	Issue – Tag InstdAmt is not generated for pacs.008 T2 for a Sender Charge Tag i.e., ChrsInf Tag is generated. Also, in Tag IntrBkSttlmAmt, the value is picking incorrect amount. Impact Analysis - Added InstdAmt tag and updated the LAU block to reflect the changes done in the PDU of the generated message. Also, the tag IntrBkSttlmAmt uses the INTERBANK_SETTLE_AMOUNT for getting correct values.

1.69   October 2022 - BO Messaging 2.11.0 (17 October 22 MR)

Important Note – Data model and templates changes to accommodate the new features.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.11.0		RPM-5096 RPM-10938	BOMSG-1671	Enh	Issue – Enhance MX Messaging coverage to support the template generation of pacs.010 for HK CHATS infrastructure. Impact Analysis - Added support for pacs.010 CHATS template generation. Please refer to Calypso MX Payments Messages documentation for details.
BO Messaging 2.11.0	00030788 00030969	RPM-9462 RPM-9650	BOMSG-1792	Enh	Issue - Updates for SIX Release 4.9 2022. Fix – Implemented changes for SIX Release 4.9 2022. To activate the SIX 2022 release, you need to set Value = true in domain "MXUseSIX2022" and set the template name and version in domains "MX.Versions" and "MX.XSD.Version". Example: Domain = MX.XSD.Version Value = pacs.009.001.SIX Comment = 08.ch.02 This release covers: Update of all MX messages to ISO version level 2019. All messages - Mandatory use of UETR. InstructionId is no longer used to populate UETR. Added ClrSys = SIC for SIX jurisdiction. Added SIXSttlmPrty SDI attribute to populate SttlmPrty tag. Added CategoryPurposeProp SDI attribute to populate CtgyPurp tag. Removed ESRPMT payment type. pacs.004 integration – UETR needs to be added to the matching keys of the matching context. ClrSys changed from PCH to SIC. camt.025 integration – Request type changed from CSC to SIC. Updated xsd file for pacs.008, pacs.009, pacs.004, camt.056, camt.029, camt.050.

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.11.0		RPM-10817 RPM-10402	BOMSG-1732	Enh	Enh – To support Colr.016 Integration. Impact Analysis - Added support for colr.016 integration in ECMS.

1.70   October 2022 - BO Messaging 2.11.1

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.11.1	00040047 00039013		BOMSG-1798	Issue	Issue – pacs.008.001.T2 generated from transfer with Counterparty netting does not have Postal Address related tags PstlAdr (Ct.ry, TwnNm, StrtNm, PstCd). Impact Analysis – Local impact to getFromContactIfCustomerTransfer – Getting information from contact correctly.
BO Messaging 2.11.1	00033412		BOMSG-1803	Issue	Issue - Sender/Receiver is not populated when it is not linked to outgoing message. Impact Analysis – Local impact – Enriching MX messages correctly.
BO Messaging 2.11.1	00039202		BOMSG-1785	Issue	Issue - LinkedOrginalMessageId is not populated on CAMT.056 when it is triggered during Trade Cancel Action. Impact Analysis – Local impact – Adding recall information through the MessageIdentifier interface.
BO Messaging 2.11.1	00038672		BOMSG-1779	Issue	Issue - Incorrect contact for camt057 message in field debtor agent. Impact Analysis – Local impact to CashMXMessageReportStyle - Enriching party SDI correctly.

1.71   October 2022 – BO Messaging 2.11.2

Component	Case	RPM	Issue	Type	Description
BO Messaging 2.11.2			BOMSG-1823	Enh	Issue – To add new function for Message Generator. Impact Analysis - Added new function to AbstractGeneratorBasedFormatter including: 'Abs' which will return the Math.abs of the interest given and 'toJSONCommaList' which will return a comma separated list string with quote.
BO Messaging 2.11.2			BOMSG-1820	Issue	Issue - CHATS message validation through xsd is not working and pacs 009 CORE/COV are invalid. Impact Analysis - Fixed the namespace for validation to occur.
BO Messaging 2.11.2	00028084 00026372 00031203		BOMSG-1796	Enh	Issue - Incorrect swift LAU validation while importing message. Impact Analysis - Improved the LAU validation.
BO Messaging 2.11.2	00031980		BOMSG-1788	Issue	Issue - Include optional tags in Pain.001.CBPR. Impact Analysis – Added new tags and included the following optional tags: /Document/CstmrCdtTrfInitn/PmtInf/CdtTrfTxInf/Cdtr/Id/OrgId/Any BIC /Document/CstmrCdtTrfInitn/PmtInf/ChrgBr /Document/CstmrCdtTrfInitn/PmtInf/Dbtr/Id/OrgId/AnyBIC
BO Messaging 2.11.2	00037602		BOMSG-1769	Issue	Issue - It takes too long to process CAMT053 files while importing those pages/messages using MESSAGE_MATCHING ST. Impact Analysis – Resolved performance issue.
BO Messaging 2.11.2		RPM-9462	BOMSG-1720	Issue	Issue - Correct IntrmyAgt1Acct and IntrmyAgt2Acct tags on multiple templates.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – Removed tag IntrmyAgt2Acct from the templates GeneralFinancialInstitutionTransferCBPR.xml and SingleCustomerCreditTransfer.xml and made changes to the following templates:
					SingleCustomerCreditTransferSIX.xml: CPTY_RECEIVING_INT1_ACC is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferT2.xml: SDI Attribute Intermediary is replaced by SDI Attribute Intermediary2
					GeneralFinancialInstitutionTransferCovT2.xml: SDI Attributes IBAN Intermediary is replaced by SDI Attributes IBAN Intermediary2 and CPTY_RECEIVING_INT1_ACC is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferCBPR.xml: SDI Attributes IBAN Intermediary is replaced by SDI Attributes IBAN Intermediary2 and CPTY_RECEIVING_INT1_ACC is replaced by CPTY_INT2_ACC
					SingleCustomerCreditTransferCHAPS.TS2.1.xml; CPTY_RECEIVING_INT2_ACC is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferSIX: CPTY_INT2_ACCT is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferCovCHAPS.TS2.1.xml: CPTY_RECEIVING_INT2_ACC is replaced by CPTY_INT2_ACC
					GeneralFinancialInstitutionTransferCHAPS.TS2.1.xml: CPTY_RECEIVING_INT2_ACC is replaced by CPTY_INT2_ACC

1.72   November 2022 - BO Messaging 2.12.0 (17 November 22 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			BO Messaging 2.12.0		RPM-5097 RPM-10335	BOMSG-1710	Enh	Issue – Add camt.056 HK CHATS template generation. Impact Analysis – MX Messaging coverage to generation of camt.056 (request to cancel) for

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								HK CHATS infrastructure. Please refer to Calypso MX Payment Messages documentation for details.
			BO Messaging 2.12.0		RPM-9451	BOMSG-1722	Enh	Issue - Add MX message generation of seev.033 for ISO 20022. Impact Analysis - Added generation of seev.033 messages (CorporateActionInstruction). Please refer to Calypso Corporate Action Elections documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.12.0	00028303		BOMSG-1834	Enh	Issue - sese.023 - Populate OtherId in the message attribute even when the sese.023 is received with other versions in <MsgDefIdr> tag. Impact Analysis - Populating OtherID for Sese.023 with other versions received in MsgDefIdr tag as well move all definition at the highest level: sese.023 directly without any version.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.12.0	00039883		BOMSG-1832	Enh	Issue - Add <PmtTpInf><LclInstrm><Cd> to pacs.009 T2 and APN. Impact Analysis – Added <PmtTpInf><LclInstrm><Cd> to pacs.009 T2 and APN – It is set to CLSCCPLCH if PO SDI attribute LocalInstrumentCode = CLSCCPLCH.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.12.0	00039891 00039377		BOMSG-1829	Issue	Issue - TARGET2 - Populate <Receiver>/<FullName>/<X1> tag and <AppHdr>/<To>/<FIId>/<FinInstnId>/<BICFI>. Impact Analysis - When tag <DN> = "cn=clm,o=trgtxepm,o=swift" , then tag

…

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								<FullName> should be the comment of Value = SAA.ReceiverCLM in domain MX.T2. When tag <DN> = "cn=rtgs,o=trgtxepm,o=swift", the tag <FullName> should be the comment of Value = SAA.Receiver in domain MX.T2. Added a new Domain value: MX.T2/SAA.ReceiverCLM. When this Domain value is set and we generate a camt050, we fill /DataPDU/Header/Message/Receiver/FullName /X1 and /DataPDU/Body/AppHdr/To/FIId/FinInstnId/BIC FI with that value.
			BO Messaging 2.12.0		RPM-5100 RPM-9649	BOMSG-1802	Enh	Issue – Add camt.060 HK CHATS template generation. Impact Analysis – Enhanced MX Messaging coverage to generation of camt.060 for HK CHATS infrastructure. camt.060 is a Request for Intraday Bank Statement. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.12.0	00034882		BOMSG-1845	Issue	Issue – Error when integrating incoming pacs.004 for EBA jurisdiction (Custom jurisdiction) with outgoing pacs.009. Impact Analysis – Local impact – Retrieving the jurisdiction correctly.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 2.12.0	00029842	RPM-10406	BOMSG-1826	Enh	Issue - To include Indexation and explode logic for incoming semt.017. To add ability to create multiple messages when integrating semt.017 messages. Impact Analysis - When the imported semt.017 message contains more than one

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								/Document/SctiesTxPstngRpt/FinInstrmDtls/Tx field, multiple messages are created.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.12.0	00025192	RPM-7518	BOMSG-1505	Enh	Issue – Add generation of reda.025 T2S messages for ISO20022. Impact Analysis – Added generation of reda.025 T2S messages. Please refer to Calypso Fixed Income documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.12.0	00025196	RPM-7050	BOMSG-1580	Enh	Issue – Add integration of reda.028 T2S messages for ISO20022.. Impact Analysis – Added integration of reda.028 T2S messages. Please refer to Calypso Fixed Income documentation for details.
			BO Messaging 2.12.0		RPM-10048 RPM-11162 RPM-10029 RPM-9262 RPM-11460 RPM-10030	BOMSG-1687	Enh	Issue – Technical - To support BOM in build.gradle. Impact Analysis – Added support for BOM in build.gradle.
			BO Messaging 2.12.0		RPM-5101	BOMSG-1778	Enh	Issue – Add integration of admi.002 HK CHATS messages. Impact Analysis – Enhanced MX Messaging coverage to integration (receive) of admi.002 for HK CHATS infrastructure. Please refer to Calypso MX Payment Messages documentation for details.

1.73 December 2022 – BO Messaging 2.13.0, 2.13.1, 2.13.2 (17 December 22 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00041357		BOMSG-1911	Enh	Issue – SIX Release 4.9 Nov' 2022 – add Clearing code and member id to the Instructing Agent & Instructed Agent in pacs.004. Impact Analysis - Added clearing system cd and member id for instructing agent and instructed agent (/Document/PmtRtr/TxInf/RtrChain/Cdtr/Agt) in pacs.004; Added tag /Document/PmtRtr/TxInf/RtrChain/Dbtr/Pty to populate if LinkedMessageType contains pacs.008; Changed tag /Document/PmtRtr/TxInf/RtrChain/Dbtr/Agt to populate if LinkedMessageType contains pacs.009; Added tag /Document/PmtRtr/TxInf/RtrChain/Cdtr/Pty to populate if LinkedMessageType contains pacs.008; Changed tag /Document/PmtRtr/TxInf/RtrChain/Cdtr/Agt to populate if LinkedMessageType contains pacs.009; Added/Updated some Mandatory, Conditional and Optional XML tags. The above changes are activated only with domain MXUseSIX2022 set to TRUE.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00041916 00041917 00041055		BOMSG-1909	Enh	Issue – SIX Release 4.9 Nov' 2022 – Add Clearing code and member id to the Instructing Agent & Instructed Agent in pacs.008 & pacs.009. Impact Analysis – Added Clearing Code and Member Id for Instructing Agent and Instructed Agent in pacs.008 and pacs.009. Also changed the logic of Instructed Agent BIC to be mapped to CPTY's Agent Legal Entity Contact: BIC Code as in SIX current version. Created new keyword TRANSACTION_ID (as we did with INSTRUCTION_ID) so that the clients can set any other reference, but our default will be to populate TRANSACTION_ID with MsgID.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00041354		BOMSG-1907	Enh	Issue – CxlRsnInf.Orgtr.Id.OrgId to be added in camt.056 SIX 4.9 message. Impact Analysis – If PO BIC Code and SIXClrSysID Code are set, tag CxlRsnInf/Orgtr/Id/OrgId/Othr/Id is populated with picking value by PO LE attribute SIXMmbId_ID.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00038318		BOMSG-1891	Enh	Issue – To change <PmtTpInf><LclInstrm><Cd> logic for pacs.009CORE & COV CHAPS, T2 and APN. Impact Analysis – Implemented the tag LclInstrm in pacs.009 so as to be based on the PO SDI attribute LocalInstrumentCode and removed the control on value CLSCCPLCH.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00039885		BOMSG-1881	Enh	Issue - Create LE attribute CASH_USE_LEI_FOR_SWIFTMX to control the population of LEI in pacs.009 CHAPS. Impact Analysis - Changed the logic for LEI tags: If LE Attribute "LEI" is set, we populate the LEI field, this is the default behaviour. If LE Attribute "LEI" is set and LE Attribute CASH_USE_LEI_FOR_SWIFTMX set to FALSE, then we remove the LEI field.
Post Trade Processing	Nostro Management	Cross	BO Messaging 2.13.0	00041861		BOMSG-1878	Issue	Issue - INC_CASH_STATEMENT scheduled task error - No Agent Code. Impact Analysis – Local impact to CAMT053ExternalMessageFieldMapper - Setting Agent Code = BIC code instead of LE code.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00042268 00039703		BOMSG-1873	Enh	Issue - No matching of incoming for MX message to any PO. Impact Analysis – Fixed the issue by using the BIC receiver and the rule MappingIncomingWithContact for mapping.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0			BOMSG-1861	Issue	Issue - Postal Address tag PstlAdr populated incorrectly in pacs.009COV CBPR. Impact Analysis – Local impact – Populating Postal Address correctly. Fixed PstAdr for pacs.009 COV APN for field DbtrAgt Fixed PstlAddr for pacs.009 COV CBRP for field UndrlygCstmrCdtTrf/Dbtr

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Fixed PstlAddr for pacs.009 COV MEPS for field UndrlygCstmrCdtTrf/Dbtr
								Fixed PstlAddr for pacs.009 COV T2 for field Cdtr.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00039133		BOMSG-1853	Issue	Issue - XSD validation fails and do not throw an error for tags like Cdtr/Nm while opening the Pacs.008 APN message, when the tag has more characters than set.
								Impact Analysis - Local impact - Fixed XSD validation for tags like Cdtr/Nm.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00039965		BOMSG-1849	Issue	Issue – To remove blanks from SDI Account while populating IBAN.
								Impact Analysis – Removed blanks while populating IBAN.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00039138		BOMSG-1847	Issue	Issue - Intermediary details are not set correctly in pacs008. While creating a manual SDI with only Identifier in Intermediary and manual SDI is used in transfer, IntrmyAgt1 tag <NM> is set as UNKNOWN INT1 instead of INT AGENT.
								Also, when SWIFT BIC is populated, name and address are not populated for manual SDI. It is populating postal address with SWIFT BIC which is not a recommended standard.
								Impact Analysis – When BIC is configured for manual SDI only the <BICFI> tag is generated.
								Fixed the name retrieval when we have a manual party unknown, so that the Intermediary details are set correctly in pacs008.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00026000	RPM-10601 RPM-9470	BOMSG-1837	Enh	Issue – Add integration of camt.004 (ReturnAccount) messages for TARGET2 infrastructure. Impact Analysis – Added integration of camt.004 messages for TARGET2 infrastructure. Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00026522	RPM-11285 RPM-9867	BOMSG-1809	Enh	Issue – To add support for admi.005 TARGET2 template Generation. Impact Analysis - Added generation of admi.005 TARGET2. . admi.005 messages are used to request a report. The possible reports are defined in the domain "MX.Admi005". Please refer to Calypso MX Payment Messages documentation for details.
			BO Messaging 2.13.0		RPM-2170	BOMSG-1808	Enh	Issue – To provide support for Ledgers in Planixs ledger in JSON format with Realiti (Planixs' real-time liquidity management software). Impact Analysis – Added support of Realiti interface which includes: Forecast amount to be added on the Transfer while transfer is 'unknown'. Unique message id (valid UUID: msgId. Timestamp of the original event which triggered the message: transactionTs. Id used to group version of individual ledger together (valid UUID) commonIntCashflowId. Ledger message in Json format. Only for forecast amount: Use Scheduled Task PROCESS_TRANSFER to reprocess the

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								forecast amount to submit the updated forecast amount, and action UPDATE to apply on the Transfer."
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.0	00025999	RPM-9467	BOMSG-1692	Enh	Issue – To add support for camt.003 TARGET2 template Generation to get an account statement. Impact Analysis - Added generation of camt.003 TARGET2 from the Swift Statement Request Window. You can also request statements in batch using the scheduled task MX_GET_ACCOUNT. Please refer to Calypso Messages documentation for details.
			BO Messaging 2.13.1			BOMSG-1934	Issue	Issue – Remove duplicate domain key 'jurisdiction'. Impact Analysis – Removed duplicate domain key 'jurisdiction' which already exists in the schemadata.xml file in mx-cash.

1.74   December 2022 - BO Messaging 2.13.2

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.13.2	00044251 00047475		BOMSG-1949	Issue	Issue - CAMT.056 message is not generated when gateway is FILE. Impact Analysis - When the gateway is set as FILE on both pacs009 and camt056 message setups, the camt.056 is getting generated fine.

1.75   February 2023 - BO Messaging 2.14.0, 2.15.0 (17 February 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00048257		BOMSG-1996	Issue	Issue - Tags "Receiver", "To Institution" and "Instructed Agent" are missing in pacs.008 in case of Cash Manual SDI. Impact Analysis – There might be a contact available for instance for UNKNWOWN AGENT Legal Entity, but then it has no Swift defined. So, in memory we set the BIC retrieved from the BOMessage on the contact, used in the context to display the BIC where it is needed.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00041988		BOMSG-1990	Issue	Issue - Incorrect Message Template name "pacs.009.001.SIX" while importing Pacs.009 message. Impact Analysis - Message template name is "pacs.009.001".
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00040769		BOMSG-1962	Issue	Issue – Camt.029 Lifecycle Actions are not managed when RJCR & CNCL is followed by FTNA. Impact Analysis – When integrated the camt.029 through ST with FTNA followed by RJCR and camt.029 through ST with CNCL, camt.029 message is processed successfully.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00048365		BOMSG-1960	Issue	Issue - ISO20022 – Both BIC code & Postal Address are populated even if BIC code is present, however postal address should not be displayed when both are present. Impact Analysis - Postal address is not displayed where BIC code is present. Fixed retrieval of Manual SDI Address for Unknown Agent and Unknown Intermediary.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00048474		BOMSG-1958	Issue	Issue - NPE is thrown while integration second CAMT.053 template. Impact Analysis – Second CAMT.0523 is also integrated successfully. It happened when in the second message there is no tag for the closing balance.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00047285		BOMSG-1947	Issue	Issue - ISO20022 - Postal Address is missing where Beneficiary is unknown, SDI is manual and Financial, and BIC are not provided for pacs.009. Impact Analysis - Postal Address is populated for beneficiary without BIC.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00043749 00042441		BOMSG-1944	Issue	Issue – For T2 jurisdiction, unsupported characters are not translated (X-Character Set) and have XSD exception. Impact Analysis – Unsupported characters from (X-Character Set) in Long name, Town name (City) and Street Name of Dbtr and Cdtr are getting translated having no XSD exception. Changed TwnNm and StrtNm for all Jurisdictions and all message types as following: pain.001CBPR.xml pacs.010.xml pacs.010CBPR.xml pacs.010CHATS.xml pacs.009.xml pacs.009APN.xml pacs.009CBPR.xml

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								pacs.009CHAPS.xml
								pacs.009CHATS.xml
								pacs.009Cov.xml
								pacs.009CovAPN.xml
								pacs.009CovCBPR.xml
								pacs.009CovCHAPS.xml
								pacs.009CovCHATS.xml
								pacs.009CovMEPS.xml
								pacs.009CovT2.xml
								pacs.009MEPS.xml
								pacs.009SIX.xml
								pacs.009T2.xml
								camt.057CBPR.xml
								pacs.004APN.xml
								pacs.004CHATS.xml
								pacs.004SIX.xml
								pacs.004T2.xml
								pacs.008.xml
								pacs.008APN.xml
								pacs.008CBPR.xml
								pacs.008CHAPS.xml
								pacs.008CHATS.xml
								pacs.008MEPS.xml
								pacs.008SIX.xml
								pacs.008T2.xml

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00041828		BOMSG-1905	Issue	Issue - SNB/SIC - BizSvc field is not populated in Business Application Header for SIX message and change MsgDefIdr tag. Impact Analysis - Updated from <MsgDefIdr> = pacs.009.001 to <MsgDefIdr> = pacs.009.001.02.ch.02. Also, set CHF in <BizSvc>.
			BO Messaging 2.14.0			BOMSG-1903	Enh	Issue – To upgrade MX.Version to 09 for pacs.004. Impact Analysis –Version 09 is now supported for pacs.004.001.CHATS and the domain MX.Versions is updated accordingly.
			BO Messaging 2.14.0			BOMSG-1901	Issue	Issue - To remove <PstlAdr> /<AdrLine> tags (address line) in HKICL SWIFT standards CHATS pacs.008 and pacs.009, for Intermediary 2 (IntrmyAgt2). Impact Analysis - Generated Pacs008 CHATS and Pacs009 CHATS messages for tag IntrmyAgt2 and removed City Name. Address Line <AdrLine> is not populated in the messages.
			BO Messaging 2.14.0		APL-1764 APL-653	BOMSG-1952	Enh	Issue - To enhance Calypso process to manage the CAMT.056 outgoing message generation for relevant MX jurisdictions (CBPR+, T2, MEPS, CHATS) when original message is pacs.010. Impact Analysis - The enhancement allows for applying RECALL action when transfer is linked to pacs.010. Selector templates

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								(PaymentCOVMXYY.selector) for relevant jurisdiction (CBPR+, T2, MEPS, CHATS) are enhanced to generate camt.056.001.yy message when sub action "CANCEL" is applied and linked message is pacs.010.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.14.0	00018056	APL-775 APL-2384	BOMSG-1711	Enh	Issue - A new message attribute "StatusReasonDescription" should be saved on the incoming pacs.002 message storing the reason description mapped to the reason code from the tag /Document/FIToFIPmtStsRpt/TxInfAndSts/StsRsnInf/Rsn/Cd. Impact Analysis - From the existing message attribute StatusReasonInformation saved from the tag, the system would find a single entry in the ISO20022 External Code window fulfilling the criteria: Type = StatusReason, Code = value of message attribute StatusReasonInformation and Jurisdiction = jurisdiction of the incoming message and copy the value from the column Name and populate the new message attribute StatusReasonDescription. In case of multiple entries, preference will be given to entry with Jurisdiction present.
			BO Messaging 2.15.0			BOMSG-2026	Issue	Issue - Abs function is not working for Double value. Impact Analysis - Abs function now works for Integers as well as Double.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00050617		BOMSG-2009	Issue	Issue – When the gateway is FILE, then the system do not populate CancellationReason message Attribute and hence, no default CancellationReason Code is populated in the camt.056 message. Impact Analysis - in order to manage the attribute for MX message, we need to have a BOMessageHandler that will call MXUtil.fillDefaultMXMessageInfo in the method fillDefaultMXMessageInfo of the BO Message Handler. The BOMessageHandler is built with: BO<Key>MessageHandler, where Key is a concatenation of: - ProductType + Gateway - ProductFamily + Gateway - Gateway - MessageType + ProductType - MessageType + ProductFamily - ProductType - ProductFamily - MessageType So if a custom Gateway is created for an instance , the class com.calypso.tk.bo.BO<GATEWAY>MessageHandler can be created that can extend AbstractBOMXMessageHandler with nothing implemented.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00051015		BOMSG-2007	Issue	Issue – sese.020.001 message generated attributes are rejected by SWIFT. sese.020.001 messages, document and LEI fields for

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								\<RcvgSttlmPties\> are rejected by Swift EFi T2S. Impact Analysis - Removed % sign, lines with Lei tags and other unwanted messages for T2S portal. Now document for T2S is: \<Document xmlns="urn:iso:std:iso:20022:tech:xsd:sese.023.001.07"\> and in bond name, % sign is replaced by PC.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00050497		BOMSG-2005	Issue	Issue - sese.023.001.T2S message generated attributes are rejected by SWIFT. Impact Analysis - Removed % sign, lines with Lei tags and other unwanted messages for T2S portal. Removed xlsi and xmlns. Now document for T2S is: \<Document xmlns="urn:iso:std:iso:20022:tech:xsd:sese.023.001.07"\> and in bond name, % sign is replaced by PC.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00040865		BOMSG-1942	Issue	Issue - The pacs.009COV message contains the related pacs.008 message within the \<UndrlygCstmrCdtTrf\> tag. The DbtrAgt populates PO Agent BIC but not for the standalone pacs.008 message. pacs.009COV CBPR+ UndrlygCstmrCdtTrf/DbtrAgt is incorrect, it should be same DbtrAgt of pacs.008 CBPR+. Impact Analysis - pacs.009COV CBPR+ UndrlygCstmrCdtTrf/DbtrAg populates PO BIC.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00043174		BOMSG-1940	Issue	Issue - ISO20022 CBPR+ Settlement Account is not populating correctly. Tag 'SttlmAcct' of Pacs.008.001.CBPR displays Processing Org GL Account name instead of account number. Impact Analysis - Created a new keyword for Pacs008 CBPR SttlmAcct to fix the issue. Tag

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								'SttlmAcct' of Pacs.008.001.CBPR displays Processing Org account number instead of GL Account name.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00040407		BOMSG-1938	Issue	Issue – BSB (Bank State Branch Code) information in SDI Identifier field needs to be captured in MX field <CdtrAcct><Id><Othr><Id> in pacs.008 and pacs.009 APN messages.
								Impact Analysis – To retrieve the last 6 digits in the Identifier field of the Counterparty SDI Agent tab for Creditor Account and add those 6 digits at the beginning of the field CdtrAcct/Id/Othr/Id followed by the account number from the field account. If Identifier is empty, the logic remains the same to use the field account to populate the Account Id.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00030863	RPM-10339 RPM-9465	BOMSG-1890	Enh	Issue – Add integration of camt.025 enhancement to support outgoing camt.998.
								Impact Analysis - Message attribute "ReturnedStatus" of incoming camt.025 is enhanced to handle the following two additional request type/status code combination for supporting camt.998 related status.
								Request Type = XSTS and Status Code = x999 gives ReturnedStatus = NACK
								Request Type = XSTS and Status Code = COMP gives ReturnedStatus = ACK
								Here, x999 represents the error code, e.g. E006, E015, etc.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00030788 00030969	RPM-9462	BOMSG-1871	Enh	Issue - To add an entry of SQL file into MXML file. SQL file has been created (to update the MX.Versions) into mxml file (So that it will automatically available at the time of ExecuteSQL). Impact Analysis - Added SQL scripts for SIX Release 4.9 Nov' 2022. The SQL file contains the DB Query which updates the Description/Comment of a Domain named "MX.Versions" with a new version for a given message in value column.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.15.0	00026001	RPM-10338 RPM-9468 RPM-11267	BOMSG-1828	Enh	Issue – To add support for camt.998 (ModifyCreditLine) TARGET2 template generation. Impact Analysis – Added support for generation of camt.998 TARGET2. The following attributes are added on camt.998: - LegalEntityId - CreditLineCurrency - CreditLineAmount - ProcessingOrg - GenerationDate - IncrDecrCreditLine

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								- TransferId Please refer to Calypso Collateral documentation for details.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 2.15.0	00029560	APL-1595 APL-1043	BOMSG-1777	Enh	Issue - To support ISO 20022 MX message integration with seev.036. Impact Analysis - The CorporateActionMovementConfirmation(Seev.036) message is sent by an account servicer to an account owner or its designated agent to confirm posting of securities or cash as a result of a corporate action event. With integration of seev.036: - System will recognize the seev.036 based on the parent tag <CorpActnMvmntConf> - seev.036 would be enhanced with new domain values: MX.Templates, messageType, incomingType, ExternalMessageField.MessageMapper - Message workflow set up would be same as MT566 for the messages subtype INC_CA. Rest of the process would be exactly similar to MT566.

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								Added integration of seev.036 messages. Please refer to Calypso Messages documentation for details.

1.76 March 2023 - BO Messaging 2.16.0 (17 March 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00036104 00040088	APL-1180 APL-4353	BOMSG-1999	Enh	Issue - Enhance "PaymentCOVMX<jurisdiction>.selector" templates for MX messaging. Impact Analysis – For the "PaymentCOVMX< jurisdiction >.selector" templates, when a cover message is applicable, the pacs.008 message uses the pacs.008.001.CBPR template regardless of the jurisdiction, otherwise (no cover message) it uses the pacs.008.001.<jurisdiction> template. This applies to the following templates: PaymentCOVMXT2.selector PaymentCOVMXAPN.selector PaymentCOVMXCHATS.selector PaymentCOVMXCHAPS.selector PaymentCOVMXMEPS.selector

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00054441		BOMSG-2051	Enh	Issue – CancellationReason not set for camt.056 messages based on PaymentOrder and ReceiptNotice. Impact Analysis – Added BOPaymentOrderMessageHandler and BOReceiptNoticeMessageHandler to correctly set MX default values for the MX format of PaymentOrder and ReceiptNotice messages.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00051990		BOMSG-2049	Issue	Issue - Incorrect credit/debit indicator for sese.023.001.T2S template. Indicator shows CRDT for receipt against payment for both credit and debit. Impact Analysis - Indicator displays CRDT for delivery against payment and DBIT for receipt against payment.
			BO Messaging 2.16.0			BOMSG-1921	Enh	Issue – Support V2 (ISO20022) implementation of MEPS payment messages. Impact Analysis – The following changes are enabled if domain "MXUseMAS2023" contains Value = True: New xsd implemented for MEPS messages. To use the new xsd, specify the xsd suffix in domain "MX.XSD.Version" - Example: Value = pacs.009.001.MEPS Comment = 2023 When specified, the new xsd pacs.009.001.MEPS.2023.xsd is selected instead of pacs.009.001.MEPS.xsd. Also, some messages require supplemental tags. The supplemental xsd can be specified

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								using domain " MX.Additional.XSD.Version". Example:
								Value = camt.050.001.MEPS
								Comment = SUPP.2023
								Updated BizSvc in the Business Application Header using domain "MX.BAH.BusinessService.Versions". Example:
								Value = pacs.008.001.MEPS
								Comment = mas.scrips.02
								Changed clearing system code from MEP to SCR, defined in domain "MX.ClearingSystemCode":
								Value = MEPS
								Comment = SCR
								PmtTpInf/SvcLvl added in pacs.008 and pacs.009 populated with transfer attribute ServiceLevelCode.
								LclInstrm/Cd added in pacs.009 populated with PO SDI attribute LocalInstrumentCode.
								IntrmyAgt1Acct and DbtrAcct added in pacs.009.
								SplmtryData made mandatory in camt.050.
								Please refer to Calypso MX Payment Messages for complete details.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00053384		BOMSG-2045	Issue	Issue – "Key.PO Agent" and "Key.PO Agent Account" are not populated on Matching Manager for incoming MT54x.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - Key.PO Agent and Key.PO Agent Account are populated for incoming MT54x message type.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00052879		BOMSG-2041	Issue	Issue – While uploading the Page 2 of camt.053 message, it is linked to incorrect object id that does not exist. Impact Analysis – Changed the logic of importing camt.053 messages. Now, one BOMessage is created per message that is imported. Once the last page is received, another BOMessage is created that will be the representation of all the messages already received. The CashStatementProcess attribute is used to differentiate between those messages: It is set to Statement for the last message received, and to Ignore for the summary message.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00037868	APL-4208 APL-4209 APL-624	BOMSG-2038	Enh	Issue – To manage multi-addressee for TARGET2 MX messages for branches and credit institutions belonging to a Direct Participant group authorized to settle payment directly. Impact Analysis - Added SDI attribute Target2AccountHolderBIC to set the BIC code of the Target2 Account Holder. It can be set for PO SDIs as well as Counterparty SDIs. If set, it is used instead of the PO BIC code or Counterparty BIC code. The impacted templates are the following: pacs.008.001.T2.xml pacs.009.001.T2.xml pacs.009.001.COV.T2.xml

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								camt.056.001.T2.xml
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00049072		BOMSG-2035	Issue	Issue – System picks wrong contact for PstlAdr under Cdtr tag and always take the default one. Impact Analysis - System returns the address which is defined in the Manual SDI's contact type.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00050578		BOMSG-2033	Enh	Issue – To create matching key PORef for camt.054 message. Impact Analysis – Created matching key PORef for camt.054.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.16.0	00052285 00043328	APL-655 APL-4369	BOMSG-2031	Enh	Issue – To support TARGET2 ISO20022 MX messages UDFS V3.0 implementation. Impact Analysis - Xsd of following messages are updated. head.001.001.01.T2 pacs.008.001.T2 pacs.009.001.T2 pacs.004.001.T2 pacs.010.001.T2 camt.056.001.T2 camt.029.001.T2 camt.050.001.T2 camt.998.001.T2 camt.003.001.T2 camt.003.001.CLM pacs.009.001.COV.T2

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO Messaging 2.16.0		APL-1258	BOMSG-2020	Enh	Issue - Extend data and hashicorp property support to all applications. Impact Analysis - Extended hashicorp property support to all resource files.
			BO Messaging 2.16.0		APL-1698	BOMSG-1865	Enh	Issue – Add support for seev.039 SWIFT template integration. Impact Analysis – Added support for Integration (receive) seev.039 (Corporate Action Cancellation Advice) for "SWIFT" infrastructure. Please refer to Calypso MX Payment Messages documentation for details.

1.77   April 2023 - BO Messaging 2.17.0 (17 April 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Trade Lifecycle	EQD	BO Messaging 2.17.0	00056123 00021300	APL-1542	BOMSG-2147	Issue	Issue - Field should not be displayed in JSONMessage Generator, when translating xml template to json, if columnvalue of a field is empty, Impact Analysis - Fixed the 'HideIfEmpty' when the value is of type 'String'.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00056532		BOMSG-2118	Enh	Issue - PACS.004 (PaymentReturn) SttlmPrty should have SDIAttribute config for SIX and Target2, similar to CHAPS and CBPR. Impact Analysis - For pacs.004 SIX, using Payer.SDIAttributes.SIXSttlmPrty. If empty, then setting it as NORM.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								For pacs.004 T2, using Payer.SDIAttributes.RTGSSttlmPrty. If empty, then setting it as NORM.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00031678	RPM-6052	BOMSG-2113	Issue	Issue - Complete field name details for pain.001 CBPR message are missing and only app header information is populated. Impact Analysis - All the field names are populated for pain.001 CBPR messages.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00055799		BOMSG-2110	Issue	Issue – While uploading CAMT053 using Message_Matching, INC_CASH_STATEMENT fails and throws an NPE. Impact Analysis – Fixed the processing of CAMT053 for INC_CASH_STATEMENT.
			BO Messaging 2.17.0			BOMSG-2103	Issue	Issue - On generating Pacs.008 CHAPS message, tag IntrBkSttlmAmt is not appearing with the correct Value as compared with the transfer attributes & MT103. Impact Analysis - Tag IntrBkSttlmAmt is appearing with the correct value as that of transfer attributes while generating Pacs.008 CHAPS.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00052109		BOMSG-2100	Issue	Issue - When the intermediate status code is APPR and the request type is VSTS, the outgoing camt050 should be ACKED, however currently the system moves the outgoing camt050 to NACKED status for Target2. Impact Analysis - Integrated message with BAH having Request Type as 'VSTS' and Status

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								code as 'APPR', outgoing camt050 is moved to 'ACKED' for T2.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00025999		BOMSG-2099	Enh	Issue - SAA changes made on SAA.2.0.5.XML for camt.003, should also be done in SAA.2.0.7.XML & SAA.2.0.11.XML. Impact Analysis - While generating camt.003 with services T2(RTGS),CLM,T2S with version 2.0.7 and version 2.0.11 for gateway SAA, the revision version is updated as 2.0.7 and 2.0.11 respectively.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00056837		BOMSG-2095	Issue	Issue - Account Id is not displayed in the message window, if camt.060 is generated using account property of IBAN. Impact Analysis - Updated the .fields file for camt.060.
			BO Messaging 2.17.0			BOMSG-2088	Issue	Issue - CdtrAgt, Cdtr name & address tags are not appearing in mapping table under message screen. Impact Analysis - Managed the keys like Debtor Agt Name, Creditor Agt Name, and Creditor Name. As expected, the name values are appearing in the message table.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00050740 00044200	APL-4375 APL-4510	BOMSG-2079	Enh	Issue - To provide support for multiple clearing member id for same PO in TARGET2 as the same Processing Org may have multiple member id with TARGET2. With current solution of LE attribute, only one member id for each PO can be used. Impact Analysis - Updated logic of <ClrSysId> and <MmbId> tag in head.001.001.T2 & head.001.001.T2S templates to provide support

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								for multiple clearing member ids for same PO in TARGET2 MX Messaging.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00055892		BOMSG-2074	Issue	Issue – pacs.008.APN & pacs.009.APN <SenderReference> required format is not recognised by MsgWF rule HandleMX_ACK_NACK. Impact Analysis - Incoming TransmissionReport is successfully linked to Outgoing pacs.009.001.APN with Status as PROCESSED and the payment message is moved to ACKED.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00047544		BOMSG-2070	Issue	Issue – Unresolved case MX ACK/NACK failed to be applied to linked pacs.009/pacs.008 message. The outgoing message is not moved to ACK with the INC_TRANSMISSIONreport. Impact Analysis - Fixed LinkedTransfer and LinkedTrade usage.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00043749		BOMSG-2066	Issue	Issue - Special characters still seen in MX messages where in PstlAdr can have TwnNm for other tags. Impact Analysis – Provided fix for special characters like Ø for the message.
			BO Messaging 2.17.0			BOMSG-2065	Issue	Issue - Postal address is not getting generated with Manual SDI for PACS.009 COV. Impact Analysis - Added a new context to retrieve the SDI of the linked message when it is a manual SDI.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00025192	APL-4603 APL-4602 APL-4659	BOMSG-2058	Enh	Issue - Enhancement to SAA and APP header for Reda.025 to populate expected DN address for sender and receiver for T2S services. Impact Analysis - Added the below domain values in schema data file and added "MemberID" & "ClearingSysPropId" and their value from domain as a BOMessage attribute when generating reda025 message from BondWindow (Manual Generation). - Domain Name - MX.T2, Value = ReceiveDNCRDM, Comment = cn=crdm,o=trgtxe2s,o=swift - Domain Name - Reda025SenderDN, Value = cn=cms,ou=t2s,o=dknbdkkk,o=swift A new field "Network Info" is added, which is derived from domain value with the below configuration: - Domain Name = NetworkInfo, Value = Reda025, Comment = esmig.t2.iast
Post Trade Processing	Settlements	Cross	BO Messaging 2.17.0	00053502		BOMSG-2055	Issue	Issue - Formatting issue occurs for Transfer Agent keyword 13CTimeIndication for CLSTm tag. Impact Analysis - While including /CLSTIME/HHMM+HHMM in trade attribute to get reflected in XferAttribute, CLSTm will be populated in HH:MM:SS+HH:MM format where SS is hardcoded to 00 for Pacs009COV CBPR.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.17.0	00031678 00027356	APL-1003 APL-1642	BOMSG-2024	Enh	Issue – To support template integration for pain.002 (CustomerPaymentStatusReport) incoming MX Messaging for CBPR+. Impact Analysis – Added integration of pain.002 CBPR+ messages. The CustomerPaymentStatusReport message is sent in response to CustomerCreditTransferInitiation (pain.001) message. Also, pain.002 is integrated for both accept & reject status and linked to the original pain.001. Please refer to Calypso MX Payment Messages documentation for details.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 2.17.0	00029558	APL-2362	BOMSG-2017	Enh	Issue – To support ISO 20022 MX message integration (MT535) for semt.002 (SecuritiesBalanceCustodyReport). Impact Analysis – Added integration of semt.002 messages. System recognizes the semt.002 based on the parent tag <SctiesBalCtdyRpt>. The schedule task is Message_Matching and the message workflow set up is same as MT535. Message configuration set up for inbound semt.002 is enhanced with the new domain value under Incoming Type. - Domain name: IncomingType - Value: Semt002 - Comment: Incoming Please refer to Calypso MX Payment Messages documentation for details.
			BO Messaging 2.17.0		APL-904	BOMSG-2013	Enh	Issue – To enhance camt.998 (ModifyCreditLine) for TARGET2 message generation functionality to support

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								increase/decrease scenario of credit line modification.
								Impact Analysis - Added support for camt.998.T2 generation. Please refer to Calypso MX Payment Messages documentation for details.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 2.17.0	00029559	APL-4274 APL-1776	BOMSG-1927	Enh	Issue - To support ISO 20022 SWIFT message integration for seev.031 (CorporateActionNotification) similar to MT564.
								Impact Analysis - Added integration of seev.031 messages. System identifies and integrate seev.031 based on main tag <CorpActnNtfctn>. The schedule task is Message_Matching and the message workflow set up is same as MT564. Message configuration set up for inbound seev.031 is enhanced with the new domain value under Incoming Type.
								- Domain name: IncomingType
								- Value: SEEV031
								- Comment: INC_CA
								Please refer to Calypso MX Payment Messages documentation for details.

1.78 May 2023 - BO Messaging 2.18.0 (17 May 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00060039		BOMSG-2201	Issue	Issue - MX Messaging: To make change in default logic for pacs.004.001.CHATS for ChrgBr tag. Impact Analysis - Populated using Details_Of_Charge SDI attribute. If SDI attribute is not present, then no default value will be populated.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00061755		BOMSG-2200	Enh	Issue - To check the T2S app header and remove the Schema location from root element in the "document"(reda.025). Impact Analysis - Schema Location does not appear while generating Reda025 from CustomMXTab panel. Also the T2S app header of the generated message, the 'Other tag' appears in 'Fr' and 'To' tags.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00061360		BOMSG-2198	Enh	Issue - For Reda.025, tag X1 should be populated using the comment of domain name MX.T2 and domain value SAA.ReceiverT2S. Impact Analysis - When template name contains T2S, receiver/X1 tag is populated using this domain.
Post Trade Processing	Nostro Management	Cross	BO Messaging 2.18.0	00060028		BOMSG-2196	Issue	Issue - INC_CASH_STATEMENT is failing if PO Contact is configured with 8 characters BIC for CAMT053. Impact Analysis - Removed dependency on SwiftUtil.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00054689		BOMSG-2195	Issue	Issue - Outgoing PACS.009 message is not correctly capturing the intermediary as the instructed Agent for SNB which should be <FinInstnId>. Impact Analysis - Pacs.009.001.SIX is generated successfully with value for tag <InstdAgt><FinInstnId><BICFI> under <CdtTrfTxInf> as AGENTBICXXX (Agent's BIC) for BLANK and Agent, and IRVTUS33XXX (Intermediary's BIC) for Intermediary.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00053478, 00060216		BOMSG-2173	Issue	Issue - While booking a Transfer Agent trade to transfer funds from EUR agent to another agent, it generates a Swift MX pacs.009.001.08 message, which is ACKED. Impact Analysis - Added SttlmAcct tag in pacs.009.001.CBPR template.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00059314		BOMSG-2156	Issue	Issue - To add the ClrsysCode_ID and MemberID to InstgAgt, InstdAgt, IntrmyAgt1, IntrmyAgt2, and Cdtr in pacs.009 CORE and COV APN messages. For Pacs009, BIC is correct but ClrSysID_Code and Mmbld values are not correct for <InstdAgt> tag. Similarly, for Pacs009COV, BIC is correct but ClrSysID_Code and Mmbld values are not correct for <InstdAgt> tag. Also, ClrSysID_Code and Mmbld are not populated for <CdtrAgt> tag. The value for the tag should be populated before <UndrlygCstmrCdtTrf> Impact Analysis - Added ClrsysCode_ID and MemberID to InstgAgt, InstdAgt, IntrmyAgt1, IntrmyAgt2, Cdtr, and CdtrAgt.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00057779		BOMSG-2134	Issue	Issue - Receiver is not populated on message viewer when multiple LE have same BIC for CAMT053 and CAMT054. Impact Analysis - While integrating message having Parent and Child LE with same BIC with 'MappingIncomingwithContact' comment as Default/No comments for CAMT053, and comment as Default for CAMT054, receiver is populated on message viewer.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00042268		BOMSG-2132	Issue	Issue - To change Incoming Sese.24 & PO lookup logic. Impact Analysis - When Incoming Sese.24 is imported, system checks whether incoming tag <AcctOwnrTxId>CC33000102723392</AcctOwnrTxId> is matching with XferAttributes.MATCHING_REF of Outgoing Sese.23. If system does not identify corresponding Outgoing Sese.23 with attribute XferAttributes.MATCHING_REF, then new logic - contact type controlled through Domain MappingIncomingWithContact will be applied.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00057834		BOMSG-2129	Enh	Issue - SESE.029 T2S integration considers AgentRef from AcctSvcrTxId/TxId tag instead of MktInfrstrctrTxId/Id tag. Impact Analysis - If the value received as a NONREF in /Document/SctiesSttlmAllgmtRmvlAdvc/AcctSvcrTxId/TxId, fill the BO attribute Agent_Ref with the value received in /Document/SctiesSttlmAllgmtRmvlAdvc/MktInfrstrctrTxId/Id i.e., to pick the AgentRef from the alternate path if we receive NONREF in original path.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00036104, 00040088	APL-1180	BOMSG-2126	Issue	Issue – UndrlygCstmrCdtTrf tags are missing for Pacs009 COV for all jurisdictions in Message Mapping Fields. Impact Analysis – As expected, all Underlying Tags are generated in the Message Mapping Table for Pacs009 COV for jurisdictions T2, CHATS, CBPR, MEPS, APN, and CHAPS.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00056652, 00056799		BOMSG-2124	Issue	Issue – MX Messaging: Field name of some tags of camt.057 displayed in message viewer window are incorrect. Impact Analysis - camt.057.001.fields file is updated for Debtor BIC, Debtor Agt Name, Debtor Agt Postal Address, IntrmyAgt Name, and IntrmyAgt Postal Address tags.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00028035	APL-1248, APL-4839	BOMSG-2123	Enh	Issue – To add optional tag 'Instruction Priority' <InstrPrty> in pacs.008, pacs.009 CORE & COV CHAPS which needs to be populated with new transfer attribute InstructionPriority. Impact Analysis – Added optional tag 'Instruction Priority' <InstrPrty> in pacs.008, pacs.009 CORE & COV CHAPS populated with transfer attribute InstructionPriority.
			BO Messaging 2.18.0			BOMSG-2092	Enh	Issue – To support ISO 20022 MX message integration with seev.039 – External Field Mapper File. Impact Analysis – Integrated Seev.039 message with CxlRsnCd=WITH for an Equity Product and Seev.039 message with :23G:PROC for Bond Product. Please refer to Calypso Messages documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00035181	APL-1024, APL-4773, RPM-8104	BOMSG-2081	Enh	Issue - To improve indexation rule of incoming semt.044 (MT537 PENA). Impact Analysis - Workflow rule to copy message_Id to message attribute PORef. Introduced a new WF rule SetXferPOReference. In this enhancement with indexation logic similar to MT537, system checks ACOW before RELA and tries to match it to message attribute: PORef - If found, process ends and message is indexed (if Is External = False) AgentRef - If found, process ends and message is indexed (if Is External = True) If not found the current algorithm continues. Please refer to Calypso Message Matching documentation for a description of the full algorithm.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.18.0	00026522	APL-709, APL-1774, APL-854	BOMSG-2062	Enh	Issue – To create a GUI, from which generation of admi.005 (ReportQueryRequest message) can be triggered. Impact Analysis - Implemented the GUI to generate ISO 20022 standard format of admi.005.
			BO Messaging 2.18.0		APL-1910, APL-4273	BOMSG-2023	Enh	Issue -To support ISO 20022 MX message integration with seev.037 which is a replication of the MT566 REVR processing. Impact Analysis - Added integration of seev.037 (CorporateActionMovementReversalAdvice) messages. System recognizes the seev.037 based on the parent tag <CorpActnMvmntRvslAdvc> and the message

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								configuration set up for inbound seev.037 is enhanced with the new domain value under Incoming Type and the message workflow set up is same as MT566 for the messages subtype INC_CA. Please refer to Calypso Messages documentation for details.
			BO Messaging 2.18.0		APL-3812	BOMSG-2001	Enh	Issue – To support integration (receive) of Camt.060 (AccountReportingRequest message) as the MX version (ISO 20022) that corresponds to MT920 for CBPR+ infrastructure. Impact Analysis - Added integration of Camt.060 CBPR+ messages. It is sent by the account owner, either directly or through a forwarding agent, to its account servicing institution. Please refer to Calypso MX Payment Messages documentation for details.

1.79 June 2023 - BO Messaging 2.19.0, 2.20.0, 2.20.1 (17 June 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	BO Messaging 2.19.0	00063489		BOMSG-2282	Issue	Issue - A CA event / CA Product is not created while importing an incoming seev31 message using Message _Matching ST. Impact Analysis - A CA event / CA Product will be created based on the message details. Null code check is implemented.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00065427, 00066109		BOMSG-2281	Issue	Issue – Incorrect MsgDefIdr tag, <MsgDefIdr>pacs.009.001.COV.08</MsgDefIdr> is displayed for pacs.009.001.COV.CBPR template. Impact Analysis - Correct MsgDefIdr tag, <MsgDefIdr>pacs.009.001.08</MsgDefIdr> is displaying for pacs.009.001.COV.CBPR template. Removed .COV from MsgDefIdr tag.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00064228		BOMSG-2279	Issue	Issue – Matching Key for STG GLAccount is not populating on INC_PAYMENT pacs008 and pacs009 message and only appears for CHP account. Impact Analysis - For CHAPS jurisdiction, SWIFT has changed the clrsyscode from CHP to STG. So enhanced the code, so that STG can be handled. GLAccount is shown correctly for both CHP and STG accounts.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00065173		BOMSG-2278	Issue	Issue – While generating Camt003 message for CLM, system is ignoring PO Contact Address Method values for "T2ClrSysID_Code" and "T2MmbId_ID" and picking up the values for fields <ClrSysMmbId> and <ClrSysId> <Prtry> from LE Attribute window. Impact Analysis - The values are picked up from PO Contact - Address Method window for fields <ClrSysMmbId> and <ClrSysId> <Prtry>. System will give first preference to PO Contact address method window (Individual field) for these fields and if any value is missing then only it will pick up the value from LE attribute window.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00065171		BOMSG-2277	Issue	Issue – While generating Camt003 message for RTGS (T2), system is ignoring PO Contact Address Method values for "T2ClrSysID_Code" and "T2MmbId_ID" and picking up the values for fields <ClrSysMmbId> and <ClrSysId> <Prtry> from LE Attribute window. Impact Analysis – The values are picked up from PO Contact - Address Method window for fields <ClrSysMmbId> and <ClrSysId> <Prtry>. System will give first preference to PO Contact address method window (Individual field) for these fields and if any value is missing then only it will pick up the value from LE attribute window.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00064007		BOMSG-2275	Issue	Issue – While generating CA trade and integrating seev36 incoming message, a duplicate seev036 message is created which has ignore message keyword "Seev036 = ignore" making creation of two messages. Impact Analysis - Only one seev 036 message is generated which settles the CA trade transfers when there is no multiple pagination and only one block of cash movement, no BOMSG with ignore attribute will be created.
			BO Messaging 2.19.0			BOMSG-2238	Issue	Issue – CATT_Regression_Sender and Receiver details are not matching when linked against outgoing/incoming. Impact Analysis - Integrated camt056 CBPR (after integrating Pacs008) and linked sender and receiver details are populated correctly. Integrated Pacs010 T2 (after generating Pacs009) and linked sender and receiver details are populated correctly. Integrated Sese.024 (after generating Sese.023) and

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								linked sender and receiver details are populated correctly.
			BO Messaging 2.19.0			BOMSG-2230	Enh	Issue - To provide customization flexibility at xml tag level for ISO20022 MX messages for MX Messaging. Currently, if two tags are populated from MESSAGE_ID and we try to customize a tag in calypsox.tk.report.PACS008MessageReportStyle, then both tags will pick up customized logic. Impact Analysis - Added a method getRowHierarchy in AbstractDelegatingReportStyle.java returning the hierarchy of the ReportRow given as parameter in the template. It returns a String value with format ""Parent1/Parent1.1"" which can be used in a ReportStyle extending AbstractDelegatingReportStyle. With the new logic, one tag can be customized, while the other follow out of the box solution.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00061559		BOMSG-2225	Issue	Issue - Issue with usage of method LEContact.setAddressByCode multiple times in the code. Impact Analysis - Method will be cloned form cache to avoid any corruption.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO Messaging 2.19.0			BOMSG-2184	Issue	Issue - Message rules HandleMXReceipt for incoming camt.025, HandleMXRsltnOfInvstgtn for incoming camt.029, and HandleMXPmtCancellation for incoming camt.056 are not working and don't move to ACKED status. Impact Analysis – Message rules move to ACKED status by action = ACK (i.e., HandleMXReceipt.Action for camt.025, MXRsltnOfInvstgtn.Action for camt.029, and MXPmtCancellationMessage.Action for camt.056).
Post Trade Processing	Trade Control / Confirmation / Settlement	Cross	BO Messaging 2.19.0	00054807		BOMSG-2181	Issue	Issue - For pacs.002, message rule HandleMXPaymentStatus is not working after integration when domain = MXPmtStatusMessage.Action is used and doesn't move to ACKED status. Though it works fine for default ACK action. Impact Analysis - It moves to ACKED status by action = ACK (i.e., MXPmtStatusACK action).
ETD EU /or FCM Clearing	None	Cross	BO Messaging 2.19.0	00029559	APL-1776, APL-4274	BOMSG-2179	Issue	Issue - To fix multiple issues on seev.031 integration on main tag <CorpActnNtfctn>. Impact Analysis - Fixed the below issues: - For Message attribute GRSS, currency & amount are now getting populated - In case of CA with multiple outcomes, Intermediary Security (ISIN) is not getting populated in Intermediary Security field in CA window. - ENTL is now getting populated in message viewer.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								- Field 'Total Eligible for Corporate Action Balance' is populated in MX Message window.
								- If SEC CODE is non-ISIN i.e., CUSIP/SEDOL, it is displayed in MX Message Window table.
								- Fixed rate populated is correct.
								- Value is populated in 'Interest Rate (%)' field of CA Window.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00050723	APL-4264	BOMSG-2174	Enh	Issue - Add optional tags <DbtrAgt>, <IntrmyAgt1>, <IntrmyAgt2>, <CdtrAgt> in MX SIX 4.9 PACS004. Impact Analysis - Added optional tags in MX SIX 4.9 PACS004 template.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00058777, 00043010	APL-4835, APL-4580	BOMSG-2163	Enh	Issue - To add LEI to Instructing agent and creditor fields in pacs008 and pacs009 CORE & COV CBPR+ for MX messaging. Impact Analysis - The LEI field is populated with the CP LE Attribute "LEI". If LE Attribute "LEI" is set and LE Attribute "CASH_USE_LEI_FOR_SWIFTMX" is set to false, then the LEI field will be removed.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 2.19.0	00029558	APL-2362, APL-4275	BOMSG-2159	Issue	Issue - To fix multiple issues on semt.002 integration. Impact Analysis - The following changes have been made for: - Date(Dt/DtTm) in field table - RELA(Creation of RELA based on date/datetime

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								- Aggregate Qty & Quantity- This will be picked from =//Document/SctiesBalCtdyRpt/BalForAcct/AggtBal/Qty/Qty/Qty/FaceAmt/text() Or //Document/SctiesBalCtdyRpt/BalForAcct/BalAtSfkpgPlc/AggtBal/Qty/Qty/Qty/FaceAmt/text()
								- Provided fix for SecOtherId and added the domainValuecomment in handler
								- Fix Provided Using createRELAId for the relald for pagination
								- Message Header includes all the information as per mapping sheet. Inventory Position Report (Position External/Actual/Settle) is reflecting value from tag AvlblBal. For semt.002.001.11, Message Header includes Date when Xpath is /Document/SctiesBalCtdyRpt/StmtGnlDtls/StmtDtTm/DtTm.
			BO Messaging 2.19.0		APL-5157, APL-2376	BOMSG-2122	Enh	Issue – To add support for Swift MX seev.040.001.XX (CorporateActionInstructionCancellationRequest) template generation as per ISO 20022 regulation. seev.040 template message is sent to request cancellation of a previously sent corporate action election instruction (seev.033) using the logic of MT565.

Impact Analysis – Added support for the generation of seev.040.001.XX message template as per ISO 20022. Please refer to Calypso MX Payment Messages documentation for details. |

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.19.0	00043660, 00042704	APL-4437, APL-4438	BOMSG-2107	Enh	Issue - To extend camt.050 support for T2S service for MX messaging. Currently, camt.050 message generation for TARGET2 in Calypso is compliant with RTGS and CLM service. For camt.050.001.T2S SAA header, it should be populated using generic T2S expected values: <Receiver>/<DN> should use domain comment of domain name = MX.T2, domain value = ReceiverDNT2S <FullName>/<X1> should use domain comment of domain name = MX.T2, domain value = SAA.ReceiverT2S Impact Analysis - Added support of TS2 camt.050 messages. Please refer to Calypso Message Matching documentation for details.
ETD EU /or FCM Clearing	None	Cross	BO Messaging 2.19.0	00029561	APL-2248, APL-4276	BOMSG-1886	Enh	Issue – To add support for swift seev.035 (CorporateActionMovementPreliminaryAdvice) template integration as per ISO 20022 regulation. seev.035 is sent to pre-advice upcoming posting or reversal of securities and/or cash postings. Impact Analysis – Added integration of seev.035 messages. System identifies and integrate seev.035 based on main tag <CorpActnMvmntPrlimryAdvc>. Message configuration set up for inbound seev.035 is enhanced with the new domain value under Incoming Type. - Domain name: IncomingType - Value: seev.035 - Comment: INC_CA

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Please refer to Calypso Message Matching documentation for details.
			BO Messaging 2.20.1		APL-5144	BOMSG-2158	Enh	Issue - MX Messaging: CHATS Feb 2023 usage guidelines update.
								Impact Analysis - Changes to tag /AppHdr/BizSvc in the business application header, to use the same logic as in CHAPS templates.
								XSD to be updated for all the CHATS messages: head.001, pacs.008, pacs.009 CORE & COV, pacs.010, camt.060, camt.056, pacs.004.
			BO Messaging 2.20.1		APL-4329, APL-5268, APL-4319, APL-5264	BOMSG-2141	Sec	Issue - Sec - Third party libraries upgrade for BO Messaging: assertj-core from 3.22.0 to 3.23.1.

1.80 July 2023 - BO Messaging 2.21.0 (17 July 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.21.0		APL-2223, APL-5158	BOMSG-2168	Enh	Issue - To support ISO 20022 SWIFT MX integration with message template seev.041.001.XX (CorporateActionInstructionCancellationRequestStatusAdvice). Impact Analysis - The CorporateActionInstructionCancellationRequestStatusAdvice message is sent by an account servicer to an account owner or its designated agent to report status of a previously received {mx0192|CorporateActionInstructionCancellationRequest} message sent by the account owner. This includes the acknowledgement/rejection of a request to cancelled and outstanding instruction. With integration to this template: Message workflow set up would be: - Domain name: IncomingType - Value: Seev041 - Comment: INC_CA Added integration of seev.041.001.XX messages. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.21.0	00061172	APL-5234, APL-5342	BOMSG-2191	Enh	Issue - MX Messaging: To support enhancement of pacs.009 CHATS Remittance Information for PVP FX trades, with Category Purpose = IFT08. Impact Analysis - Added new Value=PVPPaymentCode and comment=IFT08 by default, in the schema file, Implemented new logic in pacs.009 CHATS. If tag

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								CtgyPurp/Prtry = comment of domain MX.CHATS i.e., PVPPaymentCode under domain name MX.CHATS, and comment is IFT08, a trade will be searched for and transfer of the same trade with same settle date is received. The receiving transfer currency and receiving transfer amount is then retrieved to be appended in RmtInf/Ustrd after code word /OCMT/.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.21.0	00064701, 00026522	APL-709, APL-1774	BOMSG-2288	Enh	Issue – To add more fields for the generation of admi.005 ECMS. Impact Analysis - The following fields have been added to the MXBOMesageGeneratorFormat window: - 'Account Id' from new Domain Value 'MX.Admi005.AccountId', - ResponsiblePartyIdentification. - Replaced field 'FromDateTime' by 'Equal Date'.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.21.0	00064976	APL-5634, APL-5791	BOMSG-2292	Enh	Issue – Reda025 should support MemberId tag of AppHeader via ClrSysMmbId Schedule task feature as well, which currently is only handled via domains. Impact Analysis - Changes implemented in all the SAA templates (Renamed from MessageIdentifier to CustomMessageIdentifer which has domain check and enabled ClrSysMmbId element for Schedule task flow. Also, set up the domain that will derive the string "DRAFT5".

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.21.0	00057641		BOMSG-2293	Enh	Issue - Incoming MX messages with number in the namespace declaration cannot be integrated while importing and shows Null values and fields. Impact Analysis – Added support for namespace with numbers.
Cross Functional	System Operations	Cross	BO messaging 2.21.0	00066215, 00067786		BOMSG-2296	Issue	Issue - The option "Interpret EOF as Delimiter" in ST MESSAGE_MATCHING does not work for MX Message. Impact Analysis - Managed EOF as Separator.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.21.0	00065928		BOMSG-2299	Issue	Issue - Instruction for Next Agent with multiple occurrence is not supported for pacs.009.001.CHATS. Impact Analysis - Instruction for Next Agent field comes up with multiple occurrence (6 times). Earlier, Split the content of Instruction for next agent in 6 lines was missing for Pacs.009 CHATS.
			BO messaging 2.21.0			BOMSG-2300	Issue	Issue - When importing seev.035 for an interest payment event, the system is throwing a Process Issue which is incorrect. The Swift Event Option CAOP of the incoming message is CASH and system tries to create it with COAP=NOAC which is an invalid process issue. Impact Analysis - Changed the mapping as per the new mapping specifications.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.21.0	00060988		BOMSG-2321	Enh	Issue - Key.CounterParty is not populated correctly in MatchingManager for T2. Impact Analysis - A new Matching Key 'Debtor' is created for PACS 009, PACS 008 and PACS 004.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.21.0			BOMSG-2327	Enh	Issue – SWIFT MX Log Category Handling Enhancement - Addition of constant in MX Constant.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.21.0	00059688		BOMSG-2355	Issue	Issue – Unable to populate Counterparty MmbId in matching manager for incoming Pacs 009 for SIX jurisdiction. Impact Analysis - Xpath for InstgAgt & InstdAgt MmbId were missing, which are now added.
			BO messaging 2.21.0			BOMSG-2369	Issue	Issue – CdtrAgt is not populated even if CdtrAgtAcct is present for Pacs.010 T2 jurisdiction. Impact Analysis - CdtrAgt is getting populated. Mapped it o=to Receiver.Agent.Swift.

1.81 August 2023 - BO Messaging 2.22.0, 2.22.1 (17 August 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.22.0		APL-2518, APL-5150	BOMSG-2086	Enh	Issue - To support ISO 20022 SWIFT MX integration with message template seev.034. (CorporateActionInstructionStatusAdvice) which is equivalent to MT567. Impact Analysis - With the integration of Instruction Processing Status i.e., seev.034: - System will recognize the seev.034 based on the parent tag < CorpActnInstrStsAdvc > - Message configuration set up for inbound seev.034 would be enhanced with the new domain value under Incoming Type. - Message workflow set up would be the same for the messages subtype INC_CA Domain name : IncomingType Value: Seev034 Comment: INC_CA Added integration of seev.034 messages. Please refer to Calypso Messages documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.22.0		APL-5164, APL-1892	BOMSG-2087	Enh	Issue – To support ISO 20022 SWIFT MX integration with message template seev.044.001.XX (CorporateActionMovementPreliminaryAdviceCancellationAdvice) and replicate the logic of equivalent MT564 preliminary advice cancellation. Impact Analysis – The CorporateActionMovementPreliminaryAdviceCancellationAdvice message is sent by an account servicer to an account owner or its designated agent to cancel a previously announced CorporateActionMovementPreliminaryAdvice. System would identify and integrate Seev.044 based on main tag <CorpActnMvmntPrlimryAdvcCxlAdvc>. With integration to this template message workflow set up would be: - Domain name: IncomingType - Value: Seev044 - Comment: INC_CA Added integration of seev.044.001.XX messages. Please refer to Calypso Messages documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00074271, 00060051	APL-4836, APL-4439	BOMSG-2187	Enh	Issue – Updates for SIX Release 4.10 November 2023. Fix – Implemented the following changes for SIX Release 4.10 2023. 1. camt.029: tag /Document/RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/AddtlInf: ATR053/"" replaces ""ATR7"", ""ATR057/"" replaces ""ATR6"", and to be activated with domain value MXUseSIX2023 set to TRUE. 2. Removed dependency on domain MXUseSIX2022 for all SIX templates: pacs.004, pacs.008, pacs.009, camt.029, camt.050, camt.056, camt.025 (integration only). 3. XSDs updated as below: - pacs.009 - pacs.009.001.08.ch.03 - camt.029 - amt.029.001.09.ch.02 - camt.056 - camt.056.001.08.ch.03 4. Changed the default comments for domain "MX.Versions" to the below: - Value = pacs.008.001.SIX, Comment = 08.ch.02 - Value = pacs.004.001.SIX, Comment = 09.ch.02 - Value = camt.050.001.SIX, Comment = 05.ch.01
			BO messaging 2.22.0		APL-5627, APL-5628	BOMSG-2242	Enh	Issue – Support integration of Colr.003, to advise users of the Margin Call Request from Central Bank. Impact Analysis - Added support for colr.003 integration in ECMS. message sender uses this

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								message to request new collateral at the initiation of an exposure or request additional collateral for an existing exposure. With colr.003 integration, an alert will be raised on the Task Station of the amount of Margin Call requested by the Message Sender and a task is created in Task Station with: Task Type: Exception Task Name: EX_COLR.003
			BO messaging 2.22.0		APL-5985	BOMSG-2263	Enh	Issue - Pacs.004 CHATS, CBPR, SIX & T2 Outgoing Message - BICFI or Name/Postal Address should be present for Tags IntrmAgt1 & IntrmAgt2. Impact Analysis - Adding BICFI or Nm & PstlAdr and all sub elements for IntrmyAgt1 and IntrmyAgt2 in pacs004 for all jurisdictions.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00054638		BOMSG-2274	Enh	Issue – MX Messaging - Add pacs.009 Advice message generation for CBPR+. Impact Analysis – Added generation of pacs.009.001.ADV.CBPR messages. Please refer to Calypso MX Payments Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00056652		BOMSG-2324	Issue	Issue - Field name of some tags of pacs.008 displayed in the message viewer window, are incorrect. Impact Analysis - Message Header for pacs.008 has Field Name & Field Value defined under MappingSheet.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00067893		BOMSG-2332	Issue	Issue – CAMT054 upload fails with Number format exception in case of two Agents with same BIC. Impact Analysis - Implemented keyword "S_AGENT_ID" in CAMT054MessageFieldMapper class.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00058201	APL-5129	BOMSG-2365	Enh	Issue – To add the SQL file to update the Domain Values for SR2023 CHATS Changes. Impact Analysis - Added the SQL file that contains the update query and updates the Domain Value table with new version numbers.
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.22.0	00064197		BOMSG-2371	Enh	Issue – SWIFT MX Log Category Handling Enhancement. Impact Analysis - Log category implemented in individual classes. Changes made in SecurityAllegementMessageHandler.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00067424		BOMSG-2376	Issue	Issue – GL account is not populated in Matching Manager for Platform when HKL = TRUE. Impact Analysis - Enhanced the logic to fetch the GL Account, based on the platform value for CHATS jurisdiction.
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.22.0	00071487		BOMSG-2380	Enh	Issue – Unable to process seev.031 message when sending REPL message to update CA event OFFER – Price is not update as the CASHMOVE paths are missing. Impact Analysis - Added multiple xpath. Cash Rate is updated on the CA product with SEEV031 REPL as expected.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.22.0	00070596		BOMSG-2383	Issue	Issue – SWIFT_Event_Code message attribute is not populated in Message report for MX message (Seev036)– Impact Analysis - Initially message attribute name was SWIFT_Event_Code, which is changed to Swift_Event_Code so that the message report column (Msg_Attr.Swift_Event_Code) can be auto populated from the message attribute set.
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.22.0	00064197		BOMSG-2389	Issue	Issue – A Violation Issue appears for Seev036 PK due to an old scheduler execution fix made for Seev036. Impact Analysis - Cleaning last changes and the context list. Reverted back the preallocate id call to fetch seed and setting new BOMSG linked id same as the fetched seed is removed. Now only indexed BOMSG id will be set as linked id in the new BOMSG. Cleaned the list of ExternalContext post Remote API call, for older scheduler execution fix.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00072358		BOMSG-2390	Issue	Issue – ClrsysCode_ID and MemberID are to be populated with correct values into<FinInstnId><InstgAgt><InstdAgt><IntrmyAgt1><IntrmyAgt2><Cdtr><CdtrAgt>– for pacs.009 & COV.CHATS message. Impact Analysis - Correctly assigned keywords for the tags ClrsysCode_ID and MemberID.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00064755 , 00048927	APL-4648, APL-5176	BOMSG-2397	Enh	Issue – For MX messaging to enhance the Account tag for Intermediary 1 and 2 for pacs.009APN (CORE and COV) with SDI Identifier Code. Impact Analysis - For Creditor Agent Account /Document/FICdtTrf/CdtTrfTxInf/CdtrAgtAcct/I

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								d/Othr/Id, retrieved the 6 digits following AU in the Identifier field of the Counterparty SDI Intermediary tab for Creditor Agent Account and added those 6 digits at the beginning of the field CdtrAgtAcct/Id/Othr/Id then followed by the account number from the field account. If Identifier is empty, the logic remains the same to use the field account to populate the Account Id. For Intermediary Account /Document/FICdtTrf/CdtTrfTxInf/IntrmyAgt1Acct/Id/Othr/Id, retrieved the 6 digits following AU in the Identifier field of the Counterparty SDI Intermediary2 tab for Intermediary Agent 1 Account and added those 6 digits at the beginning of the field IntrmyAgt1Acct/Id/Othr/Id then followed by the account number from the field account. If Identifier is empty, the logic remains the same to use the field account to populate the Account Id.
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.22.0	00072520, 00072356		BOMSG-2409	Issue	Issue - Seev.031 Tender event (TEND) upload incorrect fields (Announcement Date, Period Start Date, Period End Date, Cash Rate, Market Deadline Date, Election Start Date) in CA window. Impact Analysis - Correct values for the fields are displayed while loading CA product.
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.22.0	00071945		BOMSG-2424	Issue	Issue - Seev.031 upload incorrect fields (Announcement Date, Election Start Date, and Redemption Price) in CA window. Impact Analysis - Latest xpath has been provided for Redemption_Price and RATE population. The xpath value will be fetched and

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								set as it is. Also, Redemption_Price mapping has been changed which will be used to add its value in BOMSG attribute.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.0	00072571		BOMSG-2426	Issue	Issue – CAMT053 Integration_Closing Balance is not recognized when <SubTp><Cd>INTM</Cd></SubTp> is populated. An issue occurs with opening and close balance when different XML belonging to the same statement are merged. Impact Analysis – Closing Balance is recognized and updated.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.1	00066153	APL-6479	BOMSG-2447	Issue	Issue – Multiple transmission messages in single file cannot be imported. Impact Analysis – File import functionality has been extended for the case where we could have multiple messages in one file and second message starting line is on the same with end line of the first message.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.1	00074271, 00060051	APL-4439	BOMSG-2467	Issue	Issue – Regression is caused due to change in PACS008 SIX SR2023. Tags DbtrAcct & CdtrAcct gets commented out along with the SR SIX 2023 changes for pacs008 SIX jurisdiction. When IBAN is Swift complaint and under SDI Attributes and IBAN.Agent = False, IBAN tag is generated. Impact Analysis – Othr Id tag is generated.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.22.1	00050723	APL-4264	BOMSG-2470	Issue	Issue – Regression is caused due to PACS004 SIX generation because to which tags <DbtrAgt>, <IntrmyAgt1>, <IntrmyAgt2> and <CdtrAgt> are not populated.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - For MX SIX 4.9 PACS004, optional tags <DbtrAgt>, <IntrmyAgt1>, <IntrmyAgt2> and <CdtrAgt> are added.

1.82   September 2023 - BO Messaging 2.23.0 (17 September 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.23.0			BOMSG-2164	Issue	Issue - Postal Address was not generating when manual SDI is used, as no such pstlAdr tag was implemented in case of manual SDI for mentioned jurisdictions in pacs009COV. Impact Analysis - Local Impact - For jurisdictions APN/CHAPS/CHATS/MEPS/T2, with Manual SDI we are able to see Postal Address along with Name.
			BO messaging 2.23.0			BOMSG-2165	Issue	Issue - For PACS.008 CBPR, InstdRmbrsmntAgt tag is not generated with Manual SDI, as hasIntermediary method is not working correctly. Impact Analysis - Local Impact - Made changes in hasIntermediary1 and hasIntermediary2 methods for manual SDI. Also made changes in pacs.009COV CBPR for pstlAdr tag.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00059750, 00020753, 00025453,	APL-4764, APL-4765	BOMSG-2276	Enh	Issue - To support camt.058 (Notification to Receive Cancellation Advice message) generation for CBPR+. Impact Analysis - Added generation of camt.058 messages for CBPR+. Please refer to

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
				00077296, 00056084, 00078567				Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00064832	APL-5846, APL-6069	BOMSG-2284	Issue	Issue – Camt.004 T2/T2S message response is not processed correctly. The incoming Camt.004 T2/T2S message should have been identified and processed as a camt004 and NOT as a simple transmission report. The message should split into sub-messages. Impact Analysis – Local Impact – The incoming Camt.004 T2/T2S message is identified and processed as a camt004.
Post Trade Processing	Settlements	Cross	BO messaging 2.23.0	00058913 00059380	APL-5100, APL-5582	BOMSG-2315	Enh	Impact Analysis – Changes to CLS messages due to CBPR+ SR 2023 release are enabled using domain "USE_SR_2023", Value = TRUE. Please refer to Calypso CLS Release Notes and Integration Guide for details.
			BO messaging 2.23.0			BOMSG-2319	Issue	Issue – Tag Instruction for Next Agent & Instruction for Creditor Agent are missing in Mapping Table in Pacs008 & Pacs009 message templates for all jurisdictions. Impact Analysis – Local Impact – Earlier only one line in instruction information for tag Instruction for Next Agent and Instruction for Creditor Agent for pacs.008 and pacs.009 message was displayed. Now the changes have been made in fields file for pacs.008 and pacs.009 message such that each line is seen separately in mapping table for both tags.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.23.0		APL-5629, APL-5630	BOMSG-2329	Enh	Issue – To add support for swift seev.032 (CorporateActionEventProcessingStatusAdvice) template integration as per ISO 20022 regulation, which is equivalent to MT567. Impact Analysis – Added integration of seev.032 messages to raise an alert on the Task Station for the reason as why a corporate action event has not been completed by the announced payment dates. Please refer to Calypso Messages documentation for details.
			BO messaging 2.23.0			BOMSG-2403	Enh	Issue – Enhancement to improve creation date/time logic of tag <CreDt> of AppHeader for message templates sese.023.001, sese.023.001.T2S. Impact Analysis – Changed date stamping logic of <CreDt> in AppHeaders as below: head.001.001.01.T2S.xml: From ORIGINAL_DATE to CREATION_SYSTEM_DATE_NOISOVERSION head.001.001.01.xml: From ORIGINAL_DATE to CREATION_SYSTEM_DATE_NOISOVERSION
Post Trade Processing	Accounting	Cross	BO messaging 2.23.0	00072525		BOMSG-2433	Issue	Issue – Seev036 is not able to find transfer when integrated as the message remains in VERIFIED status with Process Issue = Could not find Transfer. Impact Analysis – Local Impact – Seev036 is processed, and transfer of CA trade is settled.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00070271		BOMSG-2444	Issue	Issue – When the Locale has date format DD/MM/YYYY, the Settle Date of Simple transfer created from Incoming Pacs.004 is incorrect. Impact Analysis - Local Impact – The utility method in Util class, the functions Util.istringToJDate & Util.idateToString do take care of date conversion throughout the system. Post fix the settle date on return trade has date format DD-MM-yyyy.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00072018		BOMSG-2457	Issue	Issue – Search for semt.044 message with date range in Security reconcile window is not working correctly and message is not displayed. Impact Analysis - Local Impact – The fix allows to search the message with date range as Penalty date. Message is displayed now.
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.23.0	00075246		BOMSG-2459	Issue	Issue – The Cash Rate field is not updated correctly in BIDs event with Seev031 messages. Impact Analysis - Local Impact – Cash Rate is updated on the CA product with SEEV031 REPL as expected.
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.23.0	00072552		BOMSG-2477	Issue	Issue – Integrated SEEV031 EXOF does not update 'From Ratio' and 'To Ratio' correctly. Impact Analysis - Local Impact – Added new xpaths for 'From' and 'To' Qualifier – ADSR,ADEX, NEWO and RTUN. Applied the logic of different combination for NEWO.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00067030		BOMSG-2482	Issue	Issue – For Pacs.009 CBPR+ message, Debtor Agent tag should not be populated. Impact Analysis – Removed the DbtrAgt tag from the Pacs.009 CBPR+ message. Calypso populates PO as Instructing Agent and hence DbtrAgt tag is not required for pacs.009 CBPR+ when there is a direct nostro/vostro relationship between Instructing Agent and Instructed Agent.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00071944		BOMSG-2489	Issue	Issue – In pacs.010, Remittance Information should come from CPTY's SDI instead of PO's SDI. In pacs.010.001.CHATS message, tag '<RmtInf>' shows value set in Processing Org SDI attribute 'Remittance_Information', i.e., '<RmtInf>' = PO SDI Remittance Info, which is incorrect. Impact Analysis – Local Impact – Earlier the values were coming from the PO SDI Attribute, but it now pick the values from the CPTY SDI Attribute. In pacs.010.001.CHATS message, tag '<RmtInf>' populates value set in counterparty SDI attribute 'Remittance_Information', i.e., '<RmtInf>' = Test_RemitInfo.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00076393		BOMSG-2496	Issue	Issue – sese.023 <SfkpgAcct> tag is incorrect for IBERCLEAR and shows the text SAFE/IBRC/CEND/. Impact Analysis – Local Impact – Applied the logic to identify the IRBC flow by checking the specific string present in the account name. If present, then only it will apply the splitting logic, else it will fall into existing logic.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00077054		BOMSG-2504	Issue	Issue – Tag values for EndToEndId and InstrId in pacs.010 are Interchanged. In CHATS, pacs.010 messages capture Message Id in <EndToEndId> tag and Trade Id in <InstrId> Tag. However, <EndToEndId> should capture the trade Id and <InstrId> should capture the Message Id. Impact Analysis - Local Impact – Interchanging the keywords of EndToEndId & InstrId. The messages capture the message Id in <InstrId> tag and trade Id in <EndToEndId>.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00077543		BOMSG-2505	Issue	Issue – For outgoing pacs.004, field <OrgnlMsgNmId> is currently generated in uppercase (PACS.009.001.08) which is incorrect. Impact Analysis - Local Impact – Converting the message def id name into lower case. For outgoing pacs.004, field <OrgnlMsgNmId> is generated in lowercase (pacs.009.001.08).
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.23.0	00076881		BOMSG-2514	Issue	Issue – <EndToEndId> tag does not capture the trade Id automatically in pacs.009 messages for CHATS jurisdiction. Impact Analysis - Local Impact – Enhanced the logic of EndToEndId tag. If EndToEndId attribute is not set, the system will try to set tradeId from transfer and if tradeId is not available in transfer then transferId will be set.

1.83 October 2023 - BO Messaging 2.24.0 (17 October 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00079396		BOMSG-2568	Issue	Issue – In CHATS, pacs.004 <ChrgBr> populates wrong value when SDI attribute Details_Of_Charges is set. When it is set to DEBT, <ChrgBr> filed appears as SHAR and when set to OURS (an invalid value), <ChrgBr> filed appears as SHAR. Impact Analysis - Local Impact – When SDI attribute Details_Of_Charges is set to DEBT, <ChrgBr> filed value is "DEBT" in pacs.004 and it is set to OURS (an invalid value), it displays a warning message for invalid value. When it is set as OURS (invalid value) and Pacs009 CHATS is integrated, <ChrgBr> tag is not populated. When set as SHX (invalid value) and Pacs008 CHATS is integrated, <ChrgBr> tag is not populated. Also, when set as OUR (valid value) and Pacs009 CHATS is integrated, <ChrgBr> tag is populated with value DEBT. Some more combinations are added for ChrgBr tag for Pacs.004 CHATS Jurisdiction. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00077929		BOMSG-2518	Issue	Issue – For camt.056 message <OrgnlInstrId> should be captured from pacs.010 <CdtId> instead of <InstrId> for CHATS Jurisdiction. Impact Analysis - Local Impact – <OrgnlInstrId> captures from pacs.010 <CdtId> instead of <InstrId>.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00077061		BOMSG-2507	Issue	Issue – SttldQty is used instead of SttlmQty in field mapping of sese.024.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - Local Impact - Field path has been renamed from SttldQty to SttlmQty.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00073149		BOMSG-2488	Enh	Issue - Insert query to insert message type "REDA025" has incorrect domain 'MessageType' in MXCORESchemaData.xml. Impact Analysis - Domain messageType is present in insert query for message type "REDA025". Updated the typo in MX Schema Data and made the changes for the manual flow in mxml files, added SQL files and hardcoded the messageType.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00055615	APL-747, APL-723	BOMSG-2386	Enh	Issue - Enhance MX Messaging coverage to generation of pacs.008 STP for CBPR+. Impact Analysis - Added support for the generation of pacs.008 STP for CBPR+ jurisdiction. Please refer to Calypso MX Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00077796		BOMSG-2515	Issue	Issue - For SIX 4.10 (Nov 2023) PACS009 when MXPaymentType = CMPPMT / PPTTSD, validation fails on the portal as the content of element <Dbtr> is not identical with the content of element <InstgAgt>. Impact Analysis - Local Impact - For Dbtr tag - BICFI tag was above ClrSysMmbId tag and was getting preference. Reversed the order to resolve the issue. Changed the template (GeneralFinancialInstitutionTransferSIX.xml) such that ClrSysMmbId tag has preference and then BICFI tag.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.24.0			BOMSG-2532	Issue	Issue - Remittance info does not get trimmed to the designated 140 characters while generating the PACS.010 message for T2 jurisdiction. Impact Analysis - Local Impact - There were no limiting conditions for Remittance Info for Pacs.010 T2. The changes are now made, such that it will only pick information upto 140 characters. Added transformation for the same in (FinancialInstitutionDirectDebitT2.xml) template.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00071632	APL-6511, APL-6145	BOMSG-2449	Enh	Issue - To map new message attributes for tag ElgblCollVal for semt.002. Impact Analysis - Integrated semt.002.001.11 and semt.002.002.11 using ST with tag value <ElgblCollVal>, <ElgblCollValCcy> and ElgblCollValSgn to populate the following attributes respectively CollateralPostionAfterHaircut, CollateralPostionAfterHaircutCcy, and SignIndicatorCollatPostionAfterHaircut.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00078312		BOMSG-2543	Issue	Issue - pacs.008 message is not following the ROC logic for tag <EndToEndId> for CHATS jurisdiction. Currently by default it always populates NOTPROVIDED in the tag <EndToEndId> regardless of Remittance_Information= ROC/Blank in the Cpty SDI attribute. Impact Analysis - Local Impact - <EndtoEnd> is only populated when tag70 has Remittance_Information = "/ROC/".

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00079147		BOMSG-2539	Issue	Issue – While applying RETURN action on SETTLED transfer, in Transfer Return window if we choose Return Code = not NARR, "Additional Information" column is disabled so that the user cannot input 'ReturnAdditionalInformation' manually. Only when Return Code = NARR is chosen, this "Additional Information" is enabled. Without input 'ReturnAdditionalInformation', pacs.004 generation is always wrong due to missing <AddtlInf>. Thus, Additional Information text box should be set the editable for all the Return Code for CHATS jurisdiction. Impact Analysis - Local Impact – Transfer Return window "Additional Information" column is enabled to allow user manual-input even when we choose other Return Code = not NARR.
			BO messaging 2.24.0			BOMSG-2527	Issue	Issue – Tag values for EndToEndId and InstrId in pacs.010 are Interchanged. In CBPR and T2 jurisdictions, pacs.010 messages capture Message Id in <EndToEndId> tag and Trade Id in <InstrId> Tag. However, <EndToEndId> should capture the trade Id and <InstrId> should capture the Message Id. Impact Analysis - Local Impact – Interchanging the keywords of EndToEndId & InstrId. The messages capture the message Id in <InstrId> tag and trade Id in <EndToEndId>.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.24.0	00059748	APL-6543, APL-5169	BOMSG-2436	Enh	Issue – To support camt.055 Customer Payment Cancellation Request message generation for CBPR+. Impact Analysis – Added support for the generation of camt.055 template for CBPR+ jurisdiction with RECALL Action. Please refer to Calypso MX Payment Messages documentation for details.
ETD EU /or FCM Clearing	None	Cross	BO messaging 2.24.0	00029560	APL-6998, APL-6391, APL-1595, APL-1043	BOMSG-2446	Enh	Issue – ECMS enhancement for seev.036 integration to apply current process without safekeeping type and ID information (<SfkpgPlc>, <TpAndId>, <SfkpgPlcTp>CUST</SfkpgPlcTp>, <Id>AGSWIFT1</Id>, </TpAndId>, </SfkpgPlc>). Calypso current process for seev.036 integration and matching with CA trade includes a check on the fields safekeeping type and id. Impact Analysis – Integrated seev.036 without safekeeping type and id while ensuring that the message is correctly processed, linked with CA trade and transfers settled. The information regarding check on the fields' safekeeping type and id is no longer requested in ECMS framework, for which we have adjusted the algorithm as following: - Keep the current algorithm with checks performed on the safekeeping type and id. - Added a new condition to continue with same process when no information is received on safekeeping type and id.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.24.0		APL-6466	BOMSG-2491	Enh	Issue – To enhance <InstdAgt> in pacs.009 message by changing the logic for the Clearing Code and Member Id in MX Messaging: /Document/FinInstnCdtTrf/GrpHdr/InstdAgt/FinInstnId/ClrSysMmbId/ClrSysId/Cd /Document/FinInstnCdtTrf/GrpHdr/InstdAgt/FinInstnId/ClrSysMmbId/MmbId List of templates changed: pacs.009 CHATS, CORE and COV pacs.009 CHAPS, CORE and COV pacs.009 APN, CORE and COV Impact Analysis - Added new keywords (RECEIVER_CLYSYSID, RECEIVER_CLYMEMID) in PACS009 which will pick "clearing code" and "member id" from "receiver's LE".

1.84   November 2023 - BO Messaging 2.25.0 (17 November 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO Messaging 2.25.0			BOMSG-2472	Issue	Issue – Issue in hasIntermediary method used in Pacs008 and Pacs009 template. hasIntermediary method used to return TRUE, when intermediary was null for Standard SDI, For Manual SDI it should return FALSE. Impact Analysis - Made changes in methods hasIntermediary1 and hasIntermediary2 and added a null check in hasSameSenderAndReceiver method. Changed

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								the method to return FALSE when intermediary is null.
			BO Messaging 2.25.0		APL-6393, APL-2248	BOMSG-2486	Enh	Issue - In the framework of ECMS Project ISO20022 MX Module Securities, for INTR and REDM events, for bond product, no CA SWIFT Code is populated while integrating seev.035 message function NEWM and CA product is not updated while integrating seev.035 message function REPL. Impact Analysis – Adjustment of the list of events defined in a check which allows to identify the CAgeneratedfromBondDefinition. Also, the the X Paths used in the indexation algorithm have been changed from /Document/CorpActnNtfctn to /Document/CorpActnMvmntPrlimryAdvc. The X Paths for the Fixed Rate and Period Rate on attribute window and Interest Rate % and Interest Rate Used For Payment on CA UI have been updated to match seev.031. As expected Function of the Message is visible as NEWN / REPL on integrating seev.035 message, for sub-types INTR and REDM. For seev.035 message Fixed Rate & Period Rate are appearing in Message Attributes. Also the same values are appearing under UI Screen as well under Interest Rate Used for Payment & Interest Rate %.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO Messaging 2.25.0			BOMSG-2548	Issue	Issue - Issues with pacs.009 ADV and pacs.009 CORE messages. For tag MsgDefIdr, it currently have <MsgDefIdr>pacs.009.001.ADV.08</MsgDefIdr>, however it should be <MsgDefIdr>pacs.009.001.08</MsgDefIdr>. For the linked pacs.009 CORE to pacs.009 ADV, the <EndToEndId> should contain the <InstrId> of the pacs.009 ADV which is not the case. Impact Analysis - Local Impact - In Pacs.009 ADV message tag <MsgDefIdr> have the value as pacs.009.001.08. Value of <InstrId> of Pacs.009 ADV message is equal to the value of <EndToEndId> value of Pacs.009 Core.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.25.0	00076485		BOMSG-2549	Issue	Issue - Unable to validate the SAA message on Swift Alliance Portal. Impact Analysis – Local Impact - Changed the message output to have below tags combined into same line: <LAU><ds:Signature xmlns:ds=http://www.w3.org/2000/09/xmldsig#> </ds:Signature></LAU></DataPDU>

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.25.0	00063276	APL-5657	BOMSG-2551	Enh	Issue - To add Instruction Priority, Service Level and Local Instrument tags in pacs008 and pacs009CORE and COV CHATS. Impact Analysis - Updated the following: PmtTpInf/InstrPrty is populated with transfer attribute InstructionPriority PmtTpInf/SvcLvl/Cd is populated with transfer attribute ServiceLevelCode PmtTpInf/LclInstrm/Cd is populated with PO SDI attribute LocalInstrumentCode While booking a Simple Transfer Trade or MM Trade with Counterparty as Financial / Non-Financial and Processing Organization as Financial, Block <PmtTpInf> is validated for tag value InstructionPriority, LocalInstrumentCode & ServiceLevelCode. Also, pacs.008.001.CHATS, pacs.009.001.CHATS and pacs.009.001.COV.CHATS are generated with BO Message Attribute & Transfer Attribute generated.
			BO Messaging 2.25.0		APL-6816, APL-6815	BOMSG-2563	Sec	Issue - Security: Third party libraries upgrade for BackOffice. Impact Analysis - For BOMSG, org.apache.activemq Jar is upgraded (major version upgrade from 5.16.5 to 5.16.6).
Post Trade Processing	Corporate Actions	Cross	BO Messaging 2.25.0	00079317		BOMSG-2567	Issue	Issue - ISIN used in Sec move tag of seev.031 is different from (MT564) the one being populated on the message attribute process issue. Impact Analysis - Local Impact - Exception message is changed as per MT implementation.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	BO Messaging 2.25.0	00080469		BOMSG-2571	Issue	Issue - An error message is thrown and CA trades for CA TEND with SEEV031 messages are not generated. Impact Analysis - Xpath is changed, and the value object will be of type double for CA attribute-RATE. CA trades are generated successfully.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.25.0	00081071	APL-7231	BOMSG-2575	Issue	Issue – For tag <InstrForNxtAgt> with multiple occurrences, line break logic in MX is not consistent with MT. In Cpty' SDI "Sender to Receiver Information" column, if single line is exceeding 35 characters, the next word and the following are moved to the next line automatically. However, if single line is within 35-character limitation (below or equal to 35 characters), the MX message <InstrForNxtAgt> generation shall follow the setup in SDI (same as MT message). Also, <InstrForNxtAgt> breakdown is NOT generated as indicated by line breaker "\n" in trade keyword. Impact Analysis – Local Impact – As expected, tag InstrForNxtAgt is generating multiple lines if more, less, or equal to 35 characters present in single line/multiple lines. Also, the tag InstrForNxtAgt is generated with separator \n picking values from Sender Info for pacs.008 and pacs.009.
			BO Messaging 2.25.0		APL-7207, APL-5786, APL-5684	BOMSG-2581	Sec	Issue - To replace xalan:xalan 2.7.2 with a XML library already used in Calypso for Back Office, as a high risk (7.5) vulnerability CVE-2022-34169 has been found for xalan library. Impact Analysis - Removed the org.apache.xpath and added sun package.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.25.0	00081791		BOMSG-2602	Issue	Issue – Previously received camt.004 messages are "reprocessed" when additional messages are created in the "split step". Object of processed CAMT004 messages was not getting clear from the class level variable causing this issue to happen. Impact Analysis – Local Impact – Message is integrated successfully and splitted into submessages for single and multiple CAMT004 accounts.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.25.0	00082625, 00082623		BOMSG-2614	Issue	Issue – For ISO20022 pacs.009.cov CBPR, Intermediary Agent 2 should not get populated as it does not exist on PO SDI and the Debtor Agent should be empty, however Intermediary Agent 2 is populated, and Debtor Agent has value in it. Impact Analysis – Local Impact – Removed DbtrAgt and DbtrAgtAcct tag from pacs.009.cov for CBPR jurisdiction.

1.85   November 2023 - BO Messaging 2.25.1

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.25.1	00077600		BOMSG-2610	Issue	Issue – Debtor tag on the pacs.004 for CHAPS should be populated using the same logic as the pac.009 which is not the case, where the contact is pulled from the beneficiary on the PO SDI. In Pacs004 CHAPS, Dbtr/Agt/Bicfi is mapped to another keyword and CdtrAgt does not have condition to check whether Receiver is same as Cdtr Agt.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - Made changes in template of Pacs.004 CHAPS. For Dbtr/Agt tag, changed the keyword and for CdtrAgt tag, updated the keyword and added a condition.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.25.1	00083560		BOMSG-2618	Issue	Issue – When semt.002 with multiple ISIN is uploaded, position for second ISIN is not created and the position for first ISIN is mapped incorrectly with second ISIN amount. This is since while processing each message in a loop, wrong object was picked up to process.
								Impact Analysis - The system creates position for each ISIN in the system.
Integration	Trades Data Integration	EQD	BO Messaging 2.25.1	00082359		BOMSG-2625	Enh	Issue – An issue is observed with Axoni module where spread field value is converted to scientific notation value and hence the trade is rejected by Axoni platform.
								Impact Analysis - To fix this issue, we have added a function (removeScientific notation from the generated json payload) in BO-Messaging module to remove the scientific notations from fields like Spread which is used in the Axoni XML templates.
Post Trade Processing	Confirmations & Advices	Cross	BO Messaging 2.25.1	00083631		BOMSG-2641	Issue	Issue – Remittance information in pacs.008.001.CBPR is displayed in three lines even though the characters are <=140 for cash manual SDI. However, remittance information should be in one line if characters are <=140.
								Impact Analysis - Impact Analysis – Fix provided for the correct string check if it is null or not, to populate the tag properly in the message for REMITTANCE_INFO tag. Fix made to remove "New line characters". Also,

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								extended the logic for every jurisdiction and message type (pasc008 ,pacs009 COV, pacs010 and pain001) for REMITTANCE_INFO tag.

1.86 December 2023 - BO Messaging 2.26.0 (17 December 2023 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00074404	APL-5972, APL-7650	BOMSG-2503	Enh	Issue - Existing outgoing MX(Seev.033 and Seev.040) messages shall support ECMS jurisdiction format. Impact Analysis - seev.033,seev.040 have a separate XSD of ECSM/T2S for validation per variant and new template seev.033.001.ECMS.T2S & seev.040.001.ECMS.T2S. Also, following mandatory tags T2S AppHead included. These tags are applicable for all those messages which use the T2S AppHead template. - Othr/Id - ClrSysMmbId - ClrSysId

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00064755, 00048927, 00040925	APL-6239, APL-750	BOMSG-2526	Enh	Issue – To provide Standard and Manual SDI enhancement for clearing member identification in AusPayNet for pacs.008, pacs.009, pacs.009 COV of APN jurisdiction using the SDI Identifier fields. Impact Analysis - For pacs.008, pacs.009, pacs.009 COV APN, added the logic of populating the tags Clearing System Code and Member Id for Creditor Agent, Intermediary 1 and Intermediary 2 using SDI Identifier fields, if missing, then use the Legal Entity Attributes APNClrSysID_Code and APNMmbId_ID.
			BO messaging 2.26.0			BOMSG-2628	Enh	Issue – Performance Issue for the scriptableOTCproduct when loading MX messages. Impact Analysis - Local Impact – Improved performance by removing the transferrule call from getcolumvalue method and transferrule builder from parent class as it not used.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00083630		BOMSG-2639	Issue	Issue – Underlying remittance info is missing for pacs.009.cov APN ISO20022. Underlying remittance info should be mapped to MT202 COV TAG: 70 - Sequence B (Remittance Information) for pacs.009.001.COV.APN. Impact Analysis - Local Impact – Remittance Information tag is also added under Underlying tags for Pacs.009 COV messages.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00073149		BOMSG-2647	Issue	Issue – A typo error is observed in MX Schema Data. Impact Analysis - Removed "REDA025" MessageType domain entry from MXCORESchemaData.xml

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00085037		BOMSG-2651	Issue	Issue – A new xsd is required to be implemented for pacs.008 and pacs.009 CORE & COV for MEPS jurisdiction. making local instrument mandatory. Impact Analysis - Replaced current content of the below xsd files with the new xsds: pacs.008.001.MEPS pacs.009.001.MEPS pacs.009.001.COV.MEPS
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00081270		BOMSG-2652	Issue	Issue – While generating camt.050 for MEPS + Scrips, MASRootTags are not implemented correctly. SCRIPSSndrToRcvrInf doesn't pick up anything from SDI, however it should pick up the details from CP SDIs. Impact Analysis - Local Impact – Made changes in template for camt.050 message MEPS jurisdiction to be activated with domain value MXUseMAS2023 set to true. Changes made are for AmtWthCcy, SttlmDt, SCRIPSSndrToRcvrInf and SCRIPSMtrtyDt tags. Additionally. added two new elements 'Document' and 'MASRootTag' inside SplmtryData element.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00087127		BOMSG-2662	Issue	Issue– When comparing results from CBPR Translation Portal, "COV" should not be in the MsgDefIdr element. This is seen for pacs.009.cov APN as below: <MsgDefIdr>pacs.009.001.COV.09</MsgDefIdr> Impact Analysis - Local Impact – Removed .COV from the MsgDefId tag and added the same into BizSvc tag through

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Domain. Added the following entries into MXCashSchemaData file for Pacs.009.COV Messages. Domain name: MX.BAH.BusinessService.Versions Domain value: pacs.009.001.COV.APN Domain comment: cov.01
			BO messaging 2.26.0			BOMSG-2666	Enh	Issue - Removal of calypso-id-api jar dependency. Impact Analysis - Created packages "com.calypso.helper" and "com.calypso.cia.util", created wrapper classes by module.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00087886		BOMSG-2681	Issue	Issue - When account number is not in a valid IBAN format, Othr Id should be populated instead of IBAN. Impact Analysis - Local Impact - Certain validation regarding IBAN Pattern was missing, which is now added. pacs.008.001.CBPR/MEPS/APN and pacs.009.001.CBPR/MEPS/APN are generated with account identifier as OthrID and not IBAN. pacs.008/009COV.001.CBPR/MEPS/APN are generated with account identifier as IBAN and not OthrID.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.26.0	00089766		BOMSG-2683	Issue	Issue - Java null point exception error is thrown, when contact type on message setup window and PO LE contact type window doesn't match. Impact Analysis - Local Impact - No error is thrown in the log or in task panel of BO browser.

1.87 February 2024 - BO Messaging 2.27.0, 2.27.1 (17 February 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.27.0		APL-8082, APL-7229, APL-7230	BOMSG-2593	Enh	Issue – Regeneration and reverification of Incoming message LAU in Calypso V16. Impact Analysis - Removed the domain MXLAUEncodeBase64 from mxcore schemadata xml. The HMAC is in base64 format by default. Also changed the processing of the incoming messages by adding the canonicalization process.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00064947	APL-5288, APL-8073, APL-8074	BOMSG-2595	Enh	Issue - To provide customization option to disable xml tag population in ISO20022 MX message templates. Impact Analysis - In ISO20022 MX architecture, all tags (mandatory as well as optional) available in message template are populated by default when corresponding data is available. With customization flexibility, client can disable any optional tag depending on their agent specific/internal requirement.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00079272	APL-7081, APL-8000, APL-7384	BOMSG-2656	Enh	Issue - To enhance pacs.008/pacs.009 integration process to support multiple GL accounts at clearing house of single PO legal entity using different SWIFT BIC for branches. Impact Analysis - Made changes in logic for GL account selecting in Pacs008Pacs009FieldMapper for Pacs008 and Pacs009 message. We will get multiple accounts of similar existing configuration, for them we will check for "Addressee11carBIC" account property that matches with the incoming BIC code. MEPS and APN jurisdictions will be recognized for GL account.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.27.0			BOMSG-2676	Issue	Issue - Incorrect Cash Rate displayed in UI (CA Create Tab) when the rate is present in tags AplblRate as well as GncCshPricRcvdPerPdct of Seev.031 Message. Rate received in the tag AplblRate is being divided by 100 when GncCshPricRcvdPerPdct is also available in the message. Impact Analysis - Local Impact - Rate received in tag AplblRate is not divided by 100.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00084642	APL-7279	BOMSG-2685	Issue	Issue - InstgRmbrsmntAgtAcct of pacs.008 CBPR in V17MR is incorrect and the system is checking the SDI attribute IBAN.Agent instead of IBAN.Intermediary to populate the IBAN format. However, the keyword PO_INT_ACC_ATTR_IBAN should be used instead of PO_AGENT_ACC_ATTR_IBAN. Impact Analysis - Local Impact - Implemented "PO_INT_ACC_ATTR_IBAN" in place of "PO_AGENT_ACC_ATTR_IBAN" in pacs008 STP CBPR template.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00087226, 00051607	APL-8071, APL-4355, APL-6475	BOMSG-2693	Enh	Issue - For MX Messaging: To implement SAA header revision 2.0.14 for V16. Impact Analysis - Implemented SAA header revision 2.0.14 with the xsd. The system is able to generate Data PDU using the SAA Header 2.0.14.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00090434		BOMSG-2694	Issue	Issue - In InstgAgt > FinInstnId > LEI tag value appears when transfer is not netted but does not appear when the transfer is netted. LEI tag is not generated in pacs.008.001.CBPR message when netting includes legal entity/counterparty. This works fine with

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								NONE/Trade netting, while the issue is replicated with netting type 'COUNTERPARTY'.
								Impact Analysis - Local Impact - Changes have been made to populate the LEI in pacs.008.001.CBPR message for Netted transfers when netting includes legal entity/counterparty.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00092018, 00092022		BOMSG-2703	Issue	Issue - LEI is missing from pacs.010 for netted transfers. However, it works fine for unnetted transfers.
								Impact Analysis - Local Impact - For Netted transfers LEI was not getting populated as the trade object becomes null and we had null check for trade object. To handle the case we have refactored the code so that for netted transfer, system should pick the LEI value from the LE Attribute.
Maintenance	Performance	Cross	BO messaging 2.27.0	00087185		BOMSG-2707	Issue	Issue - Performance issue is observed on SenderEngine with inputStreamFromDB as getInputFromDB in ResourceUtilHelper is calling database for FileDocument, every time a template is retrieved.
								Impact Analysis - Local Impact - Created a cache to only call Database for FileDocument when necessary. If the template is in database, it will not be saved in the cache and will be retrieved from the database. If the template is not in database, it will be saved in the cache when the call to the database does not return anything and further uses of this template will not call the database.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00074271, 00060051	APL-4439	BOMSG-2710	Enh	Issue – To add the SQL entries into mxml for SR2023 SIX changes for V16. Impact Analysis - Updated "MXUseSIX2023" Domain Value to True (by default) in MXCashSchemaData file and added the SQL entries into mxml for SR2023 SIX changes.
			BO messaging 2.27.0			BOMSG-2714	Issue	Issue – While integrating pacs.008 and pacs.009 messages, when we use the business tag <BizSvc>mas.scrips.02</BizSvc>, it does not pick the MXJURIDICTION in the message viewer. This is working fine for tag <BizSvc>mas.mep.01</BizSvc>. Impact Analysis - Local Impact – Updating the logic used to determine MEPS jurisdiction in incoming pacs008 and pacs009 messages. Earlier "mep" was checked in <BizSvc> tag, but after the enhancement "mas.scrips.XX" could also be there, thus not having have MXJurisdiction attribute MEPS. Made changes such that it will now look for "mas" in <BizSvc> tag.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00092162		BOMSG-2728	Issue	Issue – Schedule task INC_CASH_STATEMENT is unable to process two CAMT053 statements at the same time. The Schedule task displays finished status as Success, but the statements are moved to STAT_NOTPROCESSED. An error message "Page1 duplicated" is thrown. Impact Analysis - Local Impact – Schedule task processes both the statements successfully and move to PROCESSED status without any error. Also, sub statements are created.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00078905	APL-6685, APL-7986	BOMSG-2736	Enh	Issue – To introduce support for pacs.010 Interbank direct debit margin collection ISO20022 message supported by SWIFT CBPR+. Impact Analysis - Local Impact – Added support for pacs.010.001.COL.CBPR which is a variation of existing pacs.010 interbank direct debit CBPR+ message. Support for an optional <NetworkPriority> tag is also introduced SAA DataPDU technical header as part of this request. This tag can be used for any MX message which is generated with SAA technical header. This tag can be populated using the message attribute, transfer attribute or SDI attribute. The name of the attribute is NetworkPriority in all the three approaches. Message attribute will be given the first priority followed by the transfer attribute and the last priority will be given to the SDI attribute when populating NetworkPriority tag.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00094250		BOMSG-2743	Issue	Issue – Schedule Task INC_CASH_STATEMENT does not work for CAMT053 with one or several pages not exploded and throws an error "Could not find a sequence Number". Impact Analysis - Local Impact – Message is processed fine.
			BO messaging 2.27.0		APL-8022, APL-7952, APL-8060	BOMSG-2746	Sec	Issue – Security: Third party libraries upgrade for BackOffice. Impact Analysis - For BOMSG, org.apache.santuario:xmlsec is upgraded from 2.0.3 to 2.2.6.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.27.0			BOMSG-2753	Issue	Issue - Incoming semt.044 daily failed to create PenaltyTrade and throws an error. Impact Analysis - Local Impact - Added "Penalty_CCY" message attribute for semt.044. "PECU" msg attribute is changed to "Penalty_CCY" attribute in CreatePenaltyTradeMessageRule.
Post Trade Processing	Corporate Actions	Cross	BO messaging 2.27.0	00071625	APL-7044, APL-7876, APL-7877	BOMSG-2772	Enh	Issue - Currently, in Seev.036 integration, as part of pagination logic, system shows additional message on the message report with status 'Ignore', even when the message has single page and multiple movement tags. However, it shouldn't display additional message on the message report when there is a single page scenario with multiple movement tags. Impact Analysis - Local Impact - Additional message is not generated when there is a single page scenario (PgNb = 1 and LastPgInd=true) with multiple movement options.
Collateral Management	None	Cross	BO messaging 2.27.0	00097055		BOMSG-2773	Enh	Issue - Mobilization is booked with transaction type COLO instead of COLI, which is incorrect. Impact Analysis - Local Impact - Mobilization is booked with transaction type COLI and demobilization with COLO.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00094061		BOMSG-2782	Issue	Issue - pacs.002 CBPR is generated with error and Instruction ID and OrgnlEndToEndID are missing, when rejecting incoming pacs.004. Impact Analysis - Local Impact - Pacs.002 CBPR is generated successfully without XSD

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								exception/error. Expanded the logic to get few values from linked message for Pacs.004.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.27.0	00094574		BOMSG-2800	Issue	Issue – camt.058 Message Attribute CancellationReason not populated after message generation. For camt.058, the message attribute "CancellationReason" is not populated in the Message Viewer, and so is not observed in the Message Report. This message attribute "CancellationReason" is only observed if cancellation reason is manually updated by performing action "UPDATE_CANCEL_REASON". Impact Analysis - Local Impact – CancellationReason is populated without applying UPDATE_CANCEL_REASON action.
			BO messaging 2.27.1			BOMSG-2780	Issue	Issue – When env property USE_CCY_ISO_CODE=true, calypso is not using the ISO code from currency default in the MX Messages for camt.053 and camt.054. Impact Analysis - Local Impact – Added the transformation tags to get the ISO Code value for CCY.
Maintenance	Performance	Cross	BO messaging 2.27.1	00087185		BOMSG-2833	Issue	Issue – Performance issues are observed on SenderEngine with inputStreamFromDB cache when saving an MX Message. Impact Analysis - Local Impact – Created a cache to list the FileDocument that are not in the Database to only call it when necessary. If the template is in database, it will not be saved in the cache and will be retrieved from database. If the template is not in the database, it will be saved in the cache when

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								the call to the database does not return anything and further uses of this template will not call the database.

1.88   March 2024 - BO Messaging 2.28.0 (17 March 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.28.0	00075019	APL-7997, APL-6631	BOMSG-2717	Enh	Issue - To add new attributes for incoming sese.024 and sese.027 messages. Impact Analysis - Added the following new attributes for incoming sese.024 and sese.027: - sese.024 /Document/SctiesSttlmTxStsAdvc/PrcgSts/Rjctd/Rsn/AddtlRsnInf /Document/SctiesSttlmTxStsAdvc/PrcgSts/Canc/Rsn/AddtlRsnInf - sese.027 /Document/SctiesTxCxlReqStsAdvc/PrcgSts/Rjctd/Rsn/AddtlRsnInf /Document/SctiesTxCxlReqStsAdvc/PrcgSts/Dnd/Rsn/AddtlRsnInf

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.28.0	00097707		BOMSG-2821	Issue	Issue – When OrgnlIntrBkSttlmAmt Ccy and OrgnlIntrBkSttlmDt tags are not present in incoming pacs.004 XML file, the corresponding message attributes LinkedSettlementAmount, LinkedSettlementAmountCcy and LinkedSettlementDate are set as null. However, these tags should not be visible. Impact Analysis - Handled the null value for few tags where tags are not present in incoming message. Now, OrgnlIntrBkSttlmAmt and OrgnlIntrBkSttlmDt attributes are not displayed.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.28.0	00093338		BOMSG-2826	Issue	Issue – An authentication error occurs with Swift LAU Key and thus LAU is not getting generated correctly due to java version mismatch. Impact Analysis – Local Impact - The computed Hash output matches with the SignatureValue computed by Calypso.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.28.0	00093205	APL-8433, APL-8194, APL-8857	BOMSG-2848	Enh	Issue - To add UETR as matching key to incoming camt.054 and camt.053 messages. Impact Analysis - Added UETR as matching key to incoming camt.054 and camt.053. Matching Key: UETR Type: Reference XML path: /Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/Refs/UETR for CAMT.053 /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/UETR for CAMT.054

1.89 April 2024 - BO Messaging 2.29.0 (17 April 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00087006	APL-7380, APL-8393	BOMSG-2757	Enh	Issue – To support existing sese.023 generation for ECMS jurisdictions. Impact Analysis - sese.023.001.ECMS is generated successfully as per ISO20022. Please refer to Calypso Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00082629	APL-8223, APL-7083	BOMSG-2778	Enh	Issue – To populate Intermediary agent for pacs.009 COV APN. Impact Analysis - An update is made in agent population logic for pacs.009 COV APN message template based on whether corresponding pacs.008 message is being sent to which agent in the payment chain.
			BO messaging 2.29.0			BOMSG-2787	Issue	Issue – Issues related to InstrForDbtrAgt tag are observed in pain.001 MX message. The tag is getting populated twice in the MX message and the additional information is populated from the PO SDI window with more than 140 characters. Impact Analysis - Local Impact - Earlier the value was populated in InstrForDbtrAgt tag even for more than 140 characters, as there was no check for it. Made changes for PmtInf/InstrForDbtrAgt tag so that text populated in less than 140 characters. Removed the InstrForDbtrAgt tag from PmtInf/CdtTrfTxInf/InstrForDbtrAgt Xpath.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00104023		BOMSG-2867	Issue	Issue – MatchableBuilderEngine is not working for pacs.008 and thus it is not possible to match incoming pacs.008 with outgoing transfers in the matching monitor. Impact Analysis - Added Null check for a field for which we got NPE in engine server logs. In

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								matching manager settlement amount, settle date and currency are visible.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00101493		BOMSG-2877	Issue	Issue – MX sese023 messages FaceAmt differs of MT54X value for IBERCLEAR. Impact Analysis – Local Impact – Updating the logic for sese.023's FaceAmt tag (keyword – "Nominal (Par)") which is similar to MT542 36B: tag's logic. Now, the amount in sese.023 matches with the amount in MT542 (MT54X).
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00066107, 00098492	APL-5826, APL-8806, APL-9478, APL-9344, APL-9752, APL-9479	BOMSG-2888	Enh	Issue – Add LEI for Debtor in pacs.008 & pacs.009 CORE & COV for CBPR+ jurisdiction. Impact Analysis – Added LEI tag to be populated with the Legal Entity Attribute LEI for debtor for pacs008, pacs009 and pacs009COVCBPR.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00106446		BOMSG-2902	Issue	Issue – An issue is observed with semt.002 ECMS and the message is not imported correctly when the message doesn't have ANYBIC tag. Impact Analysis – Expanded the fields file and added the new xpaths. Scheduled task runs without any error and message is successfully integrated.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00094449, 00088525	APL-7919, APL-7827	BOMSG-2910	Enh	Issue – Manual SDI SWIFT BIC for known legal entity is not populated correctly for all agents. Also to fix Manual SDI SWIFT BIC for agents Ordering Customer, Beneficiary, Agent, Intermediary1, Intermidiary2 available in Manual SDI and across all MX messages. Impact Analysis - Added logic for keywords of CPTY_INT2_BIC_CODE, CPTY_INT1_BIC_CODE, CPTY_AGENT_BIC_CODE and CPTY_BENEFICIARY_BIC_CODE, when the SDI is Manual with known LE. The system will now check for the Manual SDI for the known legal entity. If a known legal entity is used, then the system would check for the legal entity contact window for the BIC code. If the system finds the BIC code in the legal entity contact window, then the system will print the BIC or else it will print the complete name and address in the absence of the BIC code.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00077473		BOMSG-2920	Issue	Issue – Optional MX tag suppress is not working properly. Name should not be populated post suppression of tag Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/Nm irrespective of BIC Availability in the LE Contact. Impact Analysis - Local Impact – Handling column generated from expression. The tags are suppressed as expected.

1.90   May 2024 - BO Messaging 2.30.0, 2.30.1, 2.31.0, 2.31.1 (17 May 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.29.0	00097649	APL-7231, APL-8809, APL-9701	BOMSG-2919	Enh	Issue – For tag <InstrForNxtAgt> with multiple occurrences, line break logic in MX is not consistent with MT for pacs.008, pacs.009, pacs.009 COV for all jurisdictions. Also, <InstrForNxtAgt> breakdown is NOT generated as indicated by line breaker "\n" in trade keyword. Impact Analysis – As expected, tag InstrForNxtAgt is generated successfully. If "Sender To Receiver Info" is set in the "Attributes & Notes" tab of the SDI or in the SenderInfo field of trade attribute window, it populates tag InstrForNxtAgt/InstrInf of pacs.008/pacs.009 similar to tag 72 of MT103/MT202. This tag will be populated in the InstrForNxtAgt in the MX message. It is a mandatory tag repetitively up to 6 times with 35 characters in each line. If trade attribute and Counterparty SDI attribute are given, then the Trade attribute will be given priority. When the text given in the trade attribute window is separated by the \n/ it means the next information will be printed in next line.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.30.0		APL-8820, APL-6478	BOMSG-2810	Enh	Issue - To add Clearing Code and Member Id in the mapping table for all payment messages across jurisdictions. Impact Analysis - Added Clearing Code and Member Id in the mapping table for all the agents in all the messages as listed below: - pacs.008 (SIX, CBPR, CHAPS, CHATS) - pacs.009 (APN, CBPR, CHAPS, CHATS, APN.COV, CBPR.COV, CHAPS.COV, CHATS.COV, SIX, T2) - pacs.010.CHATS - camt.050.SIX - camt.056.SIX - pacs.004 (CBPR, CHAPS, CHATS) - pacs.004.SIX
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.30.0	00104926		BOMSG-2892	Issue	Issue – An error is observed on incoming MX pacs.002 messages when LAU is active. Impact Analysis – Local Impact - Incoming message is integrated and visible on Message Report with Process Issue related to LAU but no Scheduled Task error. Handled the format as per SWIFT in incoming messages, so that the format is similar to what is received.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.30.0	00106424		BOMSG-2894	Enh	Issue - Issue are found with CorporateAction seev messages and changes are observed in X paths of PmtDt, ExDvdD in the latest version of incoming messages Seev.031, Seev.035, Seev.036 and Seev.037. Impact Analysis - Local Impact - Added new Xpaths for Seev.031, Seev.035, Seev.036 and Seev.037 in fields and attributes files.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.30.0	00107758		BOMSG-2934	Issue	Issue – While generating camt.058 message after cancelling the Margin Call trade, an error "ClxRsn" is observed. Impact Analysis - Functionality of adding the Cancellation Reason details in Message Attribute was missing for Gateway FILE. Upon generating and opening the camt.058 message, no error is observed.
			BO messaging 2.30.0			BOMSG-2940	Issue	Issue - camt.058.001.08 CBPR+ does not have currency element in top display/ field element display. Impact Analysis - Local Impact - Added Current field in fields file so that it will be visible on Message window.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.30.0	00093405	APL-8424, APL-9006	BOMSG-2942	Enh	Issue - To support generation of camt.107 CBPR to match MT 110 logic. Impact Analysis - camt.107 CBPR generation has been added. Please refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.30.0	00064947, 00077473	APL-5288, APL-8073, APL-8074	BOMSG-2944	Issue	Issue - ModifyOptionalMXTag is not working without the CreateOptionalMXTag and so the users can't modify the config. Impact Analysis - Local Impact - User is able to modify the config without have access permission to create a new config. Now create and modify access functionality works independently.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.30.0	00062486, 00095899, 00107125, 00094886,	APL-8716, APL-8315, APL-5691	BOMSG-2951	Enh	Issue - For Camt.057 CBPR, to add DbtrAgt, IntrmyAgt & XpctdValDt tags under Ntfctn and to change logic of IntrmyAgt to be aligned with MT210. Impact Analysis - Created a SDI attribute "CAMT057TagsunderNtfctn" to be set on the PO SDI, with value as either "True/False/Blank".

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
				00097325, 00099618				If the value is "True", then tags will be placed under <Ntfctn> else under <Itm>. Made changes in camt057 CBPR message. Now DbtrAgt, IntrmyAgt & XpctdValDt tags will be populated under Ntfctn or Ntfctn/Itm tag based on the above logic. Updated logic for IntrmyAgt tag such that it will try to get in this precedence as Intermediary1 in PO Receiver SDI > if not present, Intermediary2 in CP Payer SDI > if not present, Intermediary1 in CP Payer SDI > if not present, Agent in CP Payer SDI.
Maintenance	Performance	Cross	BO messaging 2.30.1	00111252		BOMSG-2959	Issue	Issue – While trying to display an XML message through navigator, it can't be displayed, Impact Analysis - Local Impact – Fixed the XMLViewer.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.30.1	00062486, 00095899, 00094886	APL-8535, APL-5691, APL-9060, APL-8315	BOMSG-2963	Issue	Issue – To use free text name fields from SDI in MX messages. Impact Analysis - There are free text name fields available in SDI for tags of Dbtr, DbtrAgt, Cdtr, CdtrAgt and IntrmyAgt1. These fields will be used to populate name tags of legal entities in ISO20022 MX messages when multiple names (sort codes) are assigned to single legal entity.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.31.0	00106870	APL-8421, APL-9721	BOMSG-2992	Enh	Issue – To support sese.020 generation for ECMS jurisdictions. Impact Analysis - sese.020 ECMS generation has been added. Please refer to Calypso MX Payment Messages documentation for details.
			BO messaging 2.31.1			BOMSG-3002	Issue	Issue – When booking an FXSwap trade and generating a Confirmation message with Template name as "FXSwapConfirm" and Gateway as "FILE," only one message is generated, and no message attribute is populated. Impact Analysis - Local Impact - Two

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								confirmation messages are generated with Gateway "FILE", one for the near leg and one for the far leg. Also, CancelAdditionalInformation attribute is populated in the message attribute and <AddtlInf> tag is generated with cancel reason code.

1.91   June 2024 - BO Messaging 2.32.0 (17 June 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00066104, 00110677, 00099420 00099276	APL-8757, APL-5818, APL-9700	BOMSG-2965	Enh	Issue - To add new tags 'Category Purpose' and 'Purpose' in the following messages pacs.008 CBPR+, pacs.008 STP CBPR+, pacs.009 CBPR+, pacs.009 ADV CBPR+, pacs.009 COV CBPR+. Impact Analysis - To populate the Category Purpose code, "CategoryPurposeCode" and "CategoryPurposeProp" keywords are added in the domain value. To populate the Purpose code, "PurposeCode" and "PurposeProp" keywords are added in the domain value. Transfer Attribute keywords "CategoryPurposeCode", "CategoryPurposeProp", "PurposeProp" and "PurposeCode" are added. The user needs to set the Attribute configuration in the Attribute Configuration Window to populate the Category Purpose Code in the MX message. The CounterParty SDI Attributes & Notes that are "CategoryPurposeCode", "CategoryPurposeProp", "PurposeCode", "PurposeProp" are added. The user needs to

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								set the code which are provided in the ISO20022 code list in the "CategoryPurposeCode" attribute and "PurposeCode" and any value other than the ISO20022 code list in the "CategoryPurposeProp" and "PurposeProp".
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00111884		BOMSG-2972	Issue	Issue - For incoming camt.053, the message attribute "BusinessMessageIdentifier" is not populated. Impact Analysis - Local Impact - The attribute was not present in attributes files. Now the message is successfully integrated and in message viewer "BusinesMessageIdentifier" is populated.
			BO messaging 2.32.0			BOMSG-2988	Issue	Issue - Incorrect creation date value in <BizMsgIdr> and <MsgId> tags of pacs.008 and pacs.009 APN messages is observed, as the settlement date is considered as the creation date of the message. Impact Analysis - Local Impact - Formatting of the date is done. Also using time zone mentioned in User Default which will be driven through "MXUseUserDefaultTimeZoneForDateTime" domain (If it is set to TRUE).
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00098688	APL-8994, APL-8993	BOMSG-2994	Enh	Issue - Service Level Code tag /Document/FICdtTrf/CdtTrfTxInf/PmtTpInf/SvcLvl to be populated with transfer attribute ServiceLevelCode in pacs.009 CBPR template (same logic as pacs.009 CHATS template) Impact Analysis – Added ServiceLevelCode in Domain Value XferAttributes and XferAttributes.UPDATE_XFER_ATTR.Editable in SchemaData File and added the logic of Service Level Code tag populated with transfer attribute ServiceLevelCode in pacs.009 CBPR template.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.32.0		RPM-6054	BOMSG-2996	Enh	Issue - To enhance Tag <Addtllnf> when Reason Code is NARR for camt.056 APN jurisdiction. Impact Analysis - If Reason code = NARR, then Additional Information is mandatory. First priority is Message Attribute CancelAdditionalInformation. Second priority is XferAttribute CancelAdditionalInformation of the transfer generating the message. This is populated only if Rsn/Cd = NARR.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00111211		BOMSG-2999	Issue	Issue - Tag </AddInfo> is not populated in camt.056 when code is NARR as it is picking the values from message attribute first instead of transfer attribute. Impact Analysis - Local Impact - For camt.056 <AddInfo> tag now considers msg_Attr.CancelAdditionalInformation priority higher than transferAttributes.CancelAdditionalInformation. camt.056 is generated with tag </AddInfo>.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00096452	APL-9029, APL-9028	BOMSG-3016	Enh	Issue - For T2 pacs.008, pacs.009 and MEPS pacs.008 messages, to invert the logic for InstrID and End to End ID, where <InstrId> is picking the Trade ID and the <EndtoEnd ID> is picking the Message ID. Impact Analysis - Made changes so that the <InstrId> picks Message ID and <EndtoEndID > picks the Trade ID.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00082629	APL-9302, APL-7957, APL-10041	BOMSG-3020	Enh	Issue - Intermediary agent population for pacs.009.COV.CBPR. Impact Analysis - Added three template files and linked them to templates/mx/GeneralFinancialInstitutionTransferCovCBPR.xml for pacs.009 COV CBPR message template, so that the logic is based on whether corresponding pacs.008 message is being sent to which agent in the payment chain.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00112522		BOMSG-3021	Issue	Issue – When camt.053 message is generated via scheduled task with message type as MX_ACC_STATEMENT, the opening balance date <OPBD> is incorrectly captured as the current statement date and does not match with the amount in camt.053 (CBPR). Impact Analysis - For OPBD, the Start Date of the Account Statement will be picked. So now, OPBD would be previous last statement date +1 calendar day.
Maintenance	Performance	Cross	BO messaging 2.32.0	00111252		BOMSG-3025	Issue	Issue – For BOMessage with format type = XML that was not saved as Binary document, in some cases, not able to open and display the advice document. Impact Analysis - Local Impact - The document can be displayed.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00088281	APL-8837, APL-7902	BOMSG-3028	Enh	Issue – SchmeNm tag does not appear in MX pacs.008 and pacs.009 message. Thus, to add tags <ID> and <SchmeNm> which are used for Scheme Name in the pacs.008, pacs.008STP, pacs.009, pacs.009COV, pacs.009ADV messages for CBPR+ jurisdiction. Impact Analysis - Introduced support of optional tag SchmeNm in pacs.009, pacs.009 COV, pacs.009 ADV, pacs.008, pacs.008 STP of CBPR jurisdiction. SchmeNm tag is present for the Creditor Account, Creditor Agent Account, Intermediary Agent account. The SchmeNm is used to populate the External Account Identification Number which is provided by the SWIFT and the ID is used to populate the Identification Number of the particular Account Identification Code.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.32.0	00115262		BOMSG-3039	Issue	Issue - ISO20022 MX: camt.056.001.009 APN message is populating incorrect value in tag <OrgnlMsgNmId>pacs.009.001.APN.09</OrgnlMsgNmId>. This happened as in Camt056 template it was MEPS instead of APN for the tag.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - Local Impact - As expected no APN is generated under OrgnlMsgNmId tag.

1.92   July 2024 - BO Messaging 2.33.0 (17 July 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.33.0	00103315	APL-9481, APL-9480, APL-9950	BOMSG-2949	Enh	Issue - To populate the tags <InstrForCdtrAgt> <InstrInf> for pacs.009.001.CBPR MX messages (pacs.008, pacs.009, pacs.009.ADV, pacs.009.COV). Impact Analysis - Created a new keyword "InstructionForCreditorAgent_Info" and the implementation is done using Transfer attribute and SDI attribute. The precedence in the CBPR+ message is given to the transfer attribute first and then to the SDI attribute. This means that the system would pick the Instruction for the creditor agent information first from the Attribute configuration window, then from Trade Attribute window and lastly from SDI window.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.33.0	00098492	APL-9479, APL-9478, APL-9751	BOMSG-2957	Enh	Issue - To add the Legal Entity Identifier for all the tags where BIC is populated for the pacs.008.CBPR, pacs.008.STP.CBPR, pacs.009.COV.CBPR, pacs.009.ADV.CBPR and pacs.009.core.CBPR messages. Impact Analysis - LEI is populated for the below tags in the respective messages for the CBPR+ jurisdiction: Agent (Charge Info), InstdRmbrsmntAgt, InstgRmbrsmntAgt, ThrdRmbrsmntAgt, InstgAgt, InstdAgt, IntrmyAgt1, IntrmyAgt2, CdtrAgt, DbtrAgt, Cdtr.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.33.0	00117067, 00117969		BOMSG-3055	Issue	Issue – The Dbtr field is not included in the Ntfctn sequence and <XpctdValDt> field is inside the Ntfctn block which should be in the Itm block with the Amt field for ISO 20022 (camt.057) message. Impact Analysis - Added <Dbtr> tag under <Ntfctn> when SDI attribute CAMT057TagsunderNtfctn is set to true, same as for <DbtrAgt>, <IntrmyAgt>,<XpctdValDt>.
			BO messaging 2.33.0			BOMSG-3059	Issue	Issue - Incorrect value for Dbtr Agt, Cdtr Agt and Cdtr for SIX and Dbtr Agt for T2 jurisdiction for pacs.009. When the BIC code is removed from the LE Contact and the name is inserted in the SDI Window, the Debtor agent tag is generated with the LE Full name, even though we have name details in the SDI Window. Impact Analysis - The Debtor agent tag is generated with the name mentioned in the SDI Window.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.33.0	00117019		BOMSG-3066	Issue	Issue – For MX CBPR+, Incorrect Message Identifier and Request Type are captured in pacs.008STP Messages. The Identifier Tag in pacs.008.001.STP.CBPR template is captured as "pacs.008.001.STP.08" instead of "pacs.008.001.08". Due to this, the messages are getting NACKED. Impact Analysis - Removed STP from MessageIdentifier for SAA messages. As expected, we can see pacs.008.001.08 value generated for Tag MessageIdentifier & RequestType.
			BO messaging 2.33.0		APL-7612, APL-9046	BOMSG-3071	Enh	Issue - To support pacs.008 STP generation for payment selector template. Currently pacs.008 STP CBPR message is generated only with PaymentCOVMXCBPR.selector. When other jurisdiction selector template is used and pacs.008/pacs.009COV is applicable then it should also perform the same validation checks done in PaymentCOVMXCBPR.selector

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Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								to decide whether pacs.008 CBPR should be generated or pacs.008 STP CBPR should be generated. Impact Analysis - For APN, CHAPS, CHATS, MEPS, T2 jurisdictions, when the PaymentCOVMXXXXX.selector is selected and the pacs.009 COV XXX message is generated, it also generates the pacs.008 STP message from the particular Jurisdiction.selector template.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.33.0	00099977	APL-9016, APL-9237	BOMSG-3077	Enh	Issue - Introduce support for Settlement Time request tag in tags in the pacs.008CBPR, pacs.008.STP.CBPR, pacs.009.CBPR, pacs.009.COV.CBPR, pacs.009.ADV.CBPR messages. Impact Analysis - Created the following four new attributes: - Settlement_CLS_Time attribute value is populated in CLSTm - Settlement_Till_Time attribute value is populated in TillTm. - Settlement_From_Time attribute value is populated in FrTm. - Settlement_Reject_Time attribute value is populated in RjctTm. The user needs to set the time in the particular format hh:mm:ss+00:00 to populate the time in the MX message. The transfer attribute can be populated in the Calypso in several ways, out of which main workflow rules PropagateTradeKeyword or SetInternalAttribute transfer are used.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.33.0	00066107	APL-9752, APL-9478, APL-9775	BOMSG-3083	Enh	Issue - To add the Legal Entity Identifier for all the tags where BIC is populated for the pacs.008.CBPR, pacs.008.STP.CBPR, pacs.009.COV.CBPR, pacs.009.ADV.CBPR and pacs.009.core.CBPR messages. Impact Analysis - LEI is populated for the below tags in the respective messages for the

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								CBPR+ jurisdiction: Agent (Charge Info), InstgRmbrsmntAgt, InstdRmbrsmntAgt, ThrdRmbrsmntAgt, InstgAgt, InstdAgt, IntrmyAgt1, IntrmyAgt2, CdtrAgt, DbtrAgt, Cdtr.

1.93   August 2024 - BO Messaging 2.34.0 (17 August 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Trade Control / Confirmation / Settlement	Cross	BO messaging 2.34.0	00118154		BOMSG-3089	Issue	Issue – While creating a Matching context for MT900 & MT950 with Key. PO Agent Code and importing, matchable objects not populated with key.PO Agent Code on the incoming side. Impact Analysis – Local Impact - The Key.PO Agent Code populates the BIC Code of Nostro Agent who sends these messages.
			BO messaging 2.34.0		APL-10317, APL-10244	BOMSG-3103	Enh	Issue - Sec - Upgrade for bo-messaging: org.xmlunit:xmlunit-core from version 2.9.0 to 2.10.0.
			BO messaging 2.34.0			BOMSG-3107	Issue	Issue - The Identifier & RequestType tag in pacs.009.001.ADV.CBPR template is captured as "pacs.009.001.ADV.08" instead of "pacs.009.001.08" for MX CBPR+. Due to this, the messages are getting NACKED. Impact Analysis - Local Impact - Removed ADV from MessageIdentifier for SAA messages. Message identifier & RequestType tag in pacs.009.001.ADV.CBPR template is captured as "pacs.009.001.08".

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.34.0	00120307		BOMSG-3108	Issue	Issue – For new created messages pain.001 and camt.055 when instructed amount is the whole number, the instructed amount decimals in the message does not go through Swift validation and the Calypso instructed amount is just the whole number without any decimals. Impact Analysis - Local Impact – Formatting of the Amount basis on the currency rouding was not done for Pain.001 message InstdAmt. camt.055 is successfully generated and linked to pain.001 message."
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.34.0	00119897		BOMSG-3113	Issue	Issue – A settlement failure is observed in CHAPS, as the Cdtr name under UndrlygCstmrCdtTrf in Pacs.009COV is not the same as Pacs.008 of CBPR+. Pacs.009 COV has short name mentioned whereas Pacs008 has full name. Impact Analysis - Local Impact – Long Name tag was missed for CDTR tag in Underlying section of Pacs.008 COV CHAPS. Now, Cdtr_Nm on pacs.009.001.COV.CHAPS is same as pacs.008.001.CBPR. For both pacs.009.001.COV.CHAPS & pacs.008.001.CBPR, it captures Full Name of Counterparty.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.34.0	00090681, 00036104, 00040088	APL-1180, APL-7955, APL-9223	BOMSG-3124	Enh	Issue – To enhance payment selector RTGS templates to generate camt.056 CBPR. Impact Analysis - When the message setup template is selected as PaymentCOVMX<jurisdiction>.selector: - If a cover message is applicable, Camt.056.001.CBPR will be used. - Two Camt.056 messages will be generated: one with the jurisdiction and another with CBPR.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.34.0			BOMSG-3125	Issue	Issue – When Camt060 DataPDU message is integrated via scheduled task, the gateway is being populated as MX instead of SAA. Impact Analysis - Local Impact - Default gateway is MX and the parser was not saving the scheduled task gateway in MX Message which lead to null in gateway and thus parser set the default gateway MX for every integrated message. Gateway SAA is populated in the message report.
			BO messaging 2.34.0		APL-9281, APL-11228, APL-9357, APL-8573	BOMSG-3126	Enh	Issue – To implement Corporate Action changes for MX messages as per SR2024_CR 002037. Impact Analysis - Added format option C (Qualifier)(Date)(Time) to qualifier POST in field 98a in subsequence D1 and D2 in MT566. Impacted messages are MT566, Seev.036, Seev.037. Created Settle Date Time message attribute to specify the Date Time of the posting (credit or debit) to the account. These changes are applicable for inbound messages. For the MX messages, equivalent X:path are mapped.
			BO messaging 2.34.0		APL-10678, APL-9357, APL-8573	BOMSG-3127	Enh	Issue – To implement Corporate Action changes for MX messages as per SR2024_CR 001999. Impact Analysis - Created a new amount type (BUYU) in 19B of the MT564/MT566. Added a new indicator (new code in OPTF) to identify the NET or GRSS reinvestment option in the MT564. Impacted messages are MT564, MT566, Seev.31, Seev.35, Seev.36 and Seev.37. - The created "Buy Up Amount" message attribute indicates the full amount to be paid when securities are bought up to next whole number.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								- Created "Div Reinvestment Type" message attribute to store the new codes in the tag 22F::OPTF for identifying the NET or GROSS reinvestment option. - Created new CA Window field "Div Reinvest Type" to store the 2 new codes added in the tag 22F::OPTF: RNET/RGRS. - Populated field Div Reinvest Price with value received in tag 90B::PRPP//ACTU when available and stored value in field ALTERNATE_AMOUNT from product_ca table. - Process CA Product: >> When 22F OPTF is received with RNET, CA is process following the existing process. Stock option is created with CA Model/Subtype ACCRUAL/STOCK_DIV >> When 22F OPTF is received with RGRS, -- Stock option with CA Model/Subtype ACCRUAL / TAX -- The formula is changed when calculating the WTH fee to adjust it to DVOP events as Eligible Quantity * Dividend Amount * Tax rate NB: Tax rate: to be taken either from Tax Rate in the CA window or Withholding Tax config. Field Tax Rate in CA window is populated with value received in tag 92A with qualifier TAXR when available. If no Tax Rate is available, the value defined in the Withholding Tax config. will be used in the calculation of the WTH fee. For the MX messages, equivalent X:path were mapped. These changes are applicate for inbound messages and only applicable for the DVOP events.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.34.0	00111447	APL-10429, APL-10487	BOMSG-3131	Enh	Issue - Implementation of latest xsd as per SR2023 for all CBPR+ MX messages. Currently all CBPR+ MX messages in Calypso refer to xsd published by SWIFT as per CBPR v2.1 release.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - Implemented new xsd for the below message templates: Camt.029, Camt.052, Camt.053, Camt.054, Camt.055, Camt.056, Camt.057, Camt.058, Camt.060, Pacs.002, Pacs.004, Pacs.008, Pacs.008.STP, Pacs.009.ADV, Pacs.009.COV, Pacs.009, Pacs.010, Pacs.010.MC (New XSD already implemented), Pain.001, Head.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.34.0	00099771, 00108145	APL-4702, APL-9236	BOMSG-3133	Enh	Issue - Implement TARGET2 ISO20022 changes for 2024 related to CR0125 published by ECB under SWIFT release 2024. Impact Analysis - Rule changes are implemented by the help of introducing xsd. For pacs.004 and pacs.008 message added the addressline tag under the Intermediary agent 2. Tags <TownName> and <Country> are now optional tags [0..1] for the Intermediary Agent 2 and these can be present or absent based on the user setting up the Legal entity contact. The new logic for <AddressLine> tag is introduced with multiplicity [0..3] and up to 35 characters. If the SWIFT BIC is present in the contact window, then calypso will populate the BIC tag and the name/ postal address should not be populated. A new domain value MXUseSRChanges is introduced to enable/disable address line requirement. MXUseSRChanges: If this domain value is set to T22024 and comment=True, then address line tag will be enabled in pacs.008 & pacs.004 message. The default value of the domain comment will be False. Example: Domain: MXUseSRChanges

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Value: T22024 Comment: True Similarly, existing domain "MX.XSD.Version" would be reviewed for multiple xsds. Domain = MX.XSD.Version Value = pacs.008.001.T2 {Template Name} Comment = 2024 {2024 will map the latest xsd and if set to nothing then the existing xsd will be used}.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.34.0	00108146, 00106610, 00109877	APL-7959, APL-9720	BOMSG-3136	Enh	Issue - Changes related to SIX Platform Release 4.11 for 2024. Impact Analysis - The following changes are made to Calypso MX templates: - Adjustments to reclaims from the "Bank and third-party system payments (pacs.009)" Message - Pacs.009 is added as underlying message in camt.056 and camt.029, - Standardization of the amount split for all participants - Amount split handling in pacs.008 and pacs.009: Added new tag Service Level in Code format to populate "SPLI" if Transfer attribute "SplitKey" is populated OR "BusinessReason" is set to "SPLIT", if not present, populate with the transfer attribute ServiceLevelCode. A new domain name MXUseSRChanges to be used, with value SIX2024 and comment set to True, as: domainName: MXUseSRChanges value: SIX2024 comment: true/false (The default should be False before the SIX Release 2024 go live on 15th November 2024, after that default should be True). New xsds are implemented for Camt.029 - camt.029.001.09.ch.03.xsd, and Camt.056 - camt.056.001.08.ch.04.xsd.

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1.94   September 2024 - BO Messaging 2.35.0 (17 September 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.35.0			BOMSG-3137	Issue	Issue – Missing LEI fields for underlying section in Pacs 009 COV CBPR to be added in Pacs 009 cover fields file. Missing LEI fields are for following tags: DbtrAgt, IntrmyAgt1, IntrmyAgt2, CdtrAgt. Impact Analysis - Local Impact – Fields file entries were missing for few tags. LEI fields for underlying section are populated for tags DbtrAgt, IntrmyAgt1, IntrmyAgt2, CdtrAgt.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.35.0	00121895		BOMSG-3142	Issue	Issue – The system is not generating billing trades for CAMT.054 and NPE is observed in logs. Impact Analysis - Set the settle date on the BOMessage object.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.35.0	00122401		BOMSG-3147	Issue	Issue – For created messages Pain.001, there is a missing block </ReqdExctnDt> in the message content when the payment message is generated for Netted Transfer. Impact Analysis - Tag <ReqdExctnDt> is generated aligning with MT101 logic.
			BO messaging 2.35.0		APL-7859, APL-10408	BOMSG-3163	Enh	Issue - To complete IBAN validation logic in pacs.008 STP for DbtrAcct and CdtrAcct check. The first 2 characters must be between [A-Z] followed by 2 characters between [0-9] to comply with below pattern that is validated by Swift for IBAN. IBAN2007Identifier (based on string): pattern: [A-Z] {2,2}[0-9]{2,2} [a-zA-Z0-9] {1,30} Currently, pacs.008.STP message is getting generated when the user enters the Non IBAN account number which is an issue. Impact Analysis - As expected, if IBAN format

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								is Swift compliant, tag IBAN is generated for DbtrAcct and CdtrAcct.
			BO messaging 2.35.0		APL-9312, APL-10409	BOMSG-3165	Enh	Issue - To remove the tag AdrTp which is now not supported by the SWIFT for the following for CBPR+ jurisdiction: pacs.008 - /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Dbtr/PstlAdr/AdrTp pacs.008STP - /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Dbtr/PstlAdr/AdrTp pacs..009 ADV - /Document/FICdtTrf/CdtTrfTxInf/Dbtr/FinInstnId/PstlAdr/AdrTp pacs.009 COV - /Document/FICdtTrf/CdtTrfTxInf/Dbtr/FinInstnId/PstlAdr/AdrTp pacs.009 - /Document/FICdtTrf/CdtTrfTxInf/Dbtr/FinInstnId/PstlAdr/AdrTp Impact Analysis - MX pacs.010.001.CBPR, pacs.008.001.STP.CBPR, pacs.009.001.COV.CBPR, pacs.009.001.ADV.CBPR and pacs.009.001.CBPR are generated and opened successfully without any tag AdrTp and value 'BIZZ'.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.35.0	00129138		BOMSG-3180	Issue	Issue - While generating a pacs.010 message, the format is incorrect and is getting NACKED due to COL letters for the tags: <MessageIdentifier>pacs.010.001.COL.03</MessageIdentifier> and <RequestType>pacs.010.001.COL.03</RequestType>. Impact Analysis - Local Impact - The tags are generated as below: <MessageIdentifier>pacs.010.001.03</Messag

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								eIdentifier> <RequestType>pacs.010.001.03</RequestType>.

1.95   October 2024 - BO Messaging 2.36.0 (17 October 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00084230	APL-7938, APL-7939	BOMSG-3117	Enh	Issue - To support the generation of MX messages in JSON format compatible with Swift Alliance Cloud requirement. Impact Analysis - JSONMX format message is generated as per message setup for: Pacs.008 STP & Pacs.009COV, Pacs.009 & Pacs.009 ADV, Camt.057, Camt.060 for CBPR jurisdiction, Pacs.008 & Pacs.009COV for T2 jurisdiction and Sese.023. Please refer to Calypso MX Payment Messages documentation for setup details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00084230	APL-10941, APL-9032	BOMSG-3118	Enh	Issue - To integrate JSON format messages compliant with SWIFT Alliance Cloud requirement. Impact Analysis - Integrated Pacs010 and Sese024 for T2 jurisdiction in JSONMX format and linked to outgoing message Pacs.009 and Sese.023 respectively. Similarly, integrated Pain002 in JSONMX format having TxSts as ACCP and Outgoing Pain001 message is moved to ACKED status. Also, integrated Pacs009 in JSONMX format having outgoing transfer and matching context defined and integrated camt.053 with multiple accounts, multiple entries and multiple

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								statement Ids. Please refer to Calypso MX Payment Messages documentation for setup details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00122104		BOMSG-3161	Issue	Issue – Message attribute 'Process Issue' is missing in CAMT054 in case of process as the process issue was not captured from CORE to Module side. Impact Analysis - Process issue displays the error message in the Message Report & Message Viewer for CAMT054.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00122512		BOMSG-3172	Issue	Issue - AckDatetime Message attribute is missing for CBPR pacs.010 message as it is getting used in CHASE message for Publishing Swift Sent Time. Impact Analysis - Local Impact – Added a new attribute CreationDate to populate the AckDateTime/NackDateTime in pacs010.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00129231		BOMSG-3192	Issue	Issue – For a Pacs.008, the Creditor is being populated with the Shortname rather than the long name where SDI is manual, and Beneficiary is known. Impact Analysis - Local Impact – Prioritized LE's long name over short name for known Manual SDI parties.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00122104		BOMSG-3204	Enh	Issue – Add money amount attribute in BOMessage for Camt.054 message. Impact Analysis - The tag for the Money Amount >> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt is mapped with tag 32A (in context : MT900 & 910). For +/- in the below tag /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CdtDbtInd - If the Debit then it would be - - If Credit then it would be +

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00132230		BOMSG-3208	Issue	Issue - Incoming LAU on TransmissionReport causes DOM Exception on the Scheduled Task and the incoming message is not integrated. Impact Analysis – Local Impact - The Scheduled Task is passed without any error and message is imported fine. Removed the addition of space for self-closing elements of incoming message, as now canonicalization can handle it.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00097094	APL-10192, APL-10191	BOMSG-3210	Enh	Issue - SDI Identifier field which are populated in the MT210 message under tag 56A are not getting populated in the Camt.057 message. Impact Analysis - The SDI identifier message will be populated as Clearing System code and Clearing System Member ID in the Camt.057 message for the Debtor, Debtor Agent and Intermediary Agent. User needs to set the ClearingSystem SDI attribute value XXXX and the Clearing System code can be present either in the respective Legal entity Attribute window for the Attribute type XXXXClrSysID_Code or in the domain value "MX.ClearingSystemMapping" having the Value XXXX and populate the Code in the Comment. To populate the Clearing system Member ID users can use the SDI attribute field (Beneficiary, Agent and Intermediary) or can use the Identifier field in the SDI window or can also use the respective legal entity attribute window having the Attribute Type as XXXXMmbId_ID. Both the Clearing System code and MemberId should be populated together either with the Standard SDI or the Manual SDI.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.36.0	00128518	APL-9873, APL-9745	BOMSG-3217	Enh	Issue - MX Messaging: Intermediary agent population for pacs.009 COV MEPS, CHAPS, CHATS, TARGET2. Impact Analysis - Local Impact - An update is made in agent population logic for pacs.009 COV MEPS, CHAPS, CHATS, TARGET2 message templates based on depending upon the corresponding pacs.008 message is being sent to which agent in the payment chain. The agent population logic for pacs.009 COV MEPS, CHAPS, CHATS, TARGET2 message templates has been improved, based the recipient agent of the underlying/corresponding pacs.008 message in the payment chain.

1.96   November 2024 - BO Messaging 2.36.1, 2.37.0, 2.37.1, 2.37.2 (17 November 2024 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Cross Functional	System Operations	Cross	BO messaging 2.36.1	00131219		BOMSG-3219	Issue	Issue - Scheduled task UPDATE_ELIGIBLE_SECURITIES only accepts product type Bond. Impact Analysis – Local Impact - Extended the functionality of Reda 025 for other Bond Products also, when product type is not Bond. Scheduled task UPDATE_ELIGIBLE_SECURITIES now accepts all the products which is type of Bond product.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.37.0	00122512		BOMSG-3265	Issue	Issue - Message Attribute AckDatetime is missing for CBPR pacs.010 message. When the message is generated for validation purposes through sender engine the time zone formatted value is changed.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - Local Impact - Additional fix is provided so that even when message is generated and validated through sender engine also, it will be formatted using the proper time zone which was being used in the initial message generation.
Cross Functional	System Operations	Cross	BO messaging 2.37.0	00121546	APL-11179, APL-11623	BOMSG-3249	Enh	Issue - The scheduled task MX_GET_ACCOUNT is used to generate camt.003 with Gateway= SAA or MX only and not any other gateway, we will enhance the scheduled task MX_GET_ACCOUNT so the task attribute Gateway is mapped to the domain value "Gateway", it should display the list of all the values defined in that domain. Impact Analysis - Scheduled task MX_GET_ACCOUNT attribute Gateway is mapped to the domain value gateway instead of displaying hard-coded values.
			BO messaging 2.37.0		APL-11218, APL-11871	BOMSG-3198	Enh	Issue – The domain MXUseSRChanges is no longer needed to activate the SR2024 changes. Impact Analysis – The domain MXUseSRChanges is no longer used and the SR2024 changes are activated by default.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.37.0	00131893		BOMSG-3232	Issue	Issue - Incoming CAMT053 & CAMT054 doesn't look up the PO Correctly when LOOK_PARENT_CONTACT= True. This is happening as the current method is not handling the multiple contact types of agents. Impact Analysis – Local Impact - Both CAMT53 & MT950 identifies the Receiver BDF. Incoming CAMT053 and CAMT054 are integrated and visible on message report with receiver information and no process issue is seen.
			BO messaging 2.37.0			BOMSG-3241	Enh	Issue - In the pain.001 Message for the CBPR+ jurisdiction, populating country with the addressline is mandatory for the tags: Debtor, Debtor Agent, Creditor, Creditor Agent. Impact Analysis - Added country tag in

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								unstructured address as it is mandatory in pain.001 message for CBPR+ jurisdiction.
			BO messaging 2.37.0			BOMSG-3227	Issue	Issue - MsgDefldr tag for pacs.009 COV CHAPS and CHATS is not populated correctly. .COV should be removed from value populated similar to other jurisdictions (CBPR+, MEPS, APN, etc.). Currently it displays: <MsgDefldr>pacs.009.001.COV.08</MsgDefldr>. However, it should be: <MsgDefldr>pacs.009.001.08</MsgDefldr>. Impact Analysis - Local Impact - Corrected the MsgDefldr tag for pacs.009 COV CHAPS and CHATS messages which were not populated correctly. Removed 'COV' from value populated in MsgDefldr tag.
			BO messaging 2.37.0			BOMSG-3228	Enh	Issue - Adding transformation for BICFI which converts input swift to 11 characters. Impact Analysis - Changes are made for: - Pacs 009 COV CBPR -Pacs 009 COV APN - Pacs 008 CBPR - Pacs 008 STP CBPR
Post Trade Processing	Nostro Management	Cross	BO messaging 2.37.0	00136608		BOMSG-3254	Issue	Issue - On integration of Camt053 with SAA header (converted using Swift Translation portal), the system is creating one additional sub statement record with message attribute 'CashManagementProcess' as 'Ignore'. Impact Analysis - Local Impact - Incoming CAMT053 Integrated and visible on Message Report with 3 Split having MsgAttr.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.37.0	00131193		BOMSG-3263	Issue	Issue - To populate /Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/ClrSysMmbId tag in pacs.009.001.CBPR which are not populated. Impact Analysis – Local Impact - Added ClrSysMmbId and ClrSysCode for CDTR. Values for ClrSysID_Code & MmbId_ID are populated correctly for Cdtr tag.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			BO messaging 2.37.0			BOMSG-3235	Issue	Issue - JSON message is not generated properly. If the keyword is empty, then the element is not populated but still separator is inserted which should be avoided.\nImpact Analysis - Local Impact - Messages are generated properly.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.37.0	00137230		BOMSG-3269	Issue	Issue - Six Camt.029 message is failing XSD validation due to missing OrgnlMsgNmId.\nImpact Analysis - Local Impact - OrgnlMsgNmId is populated with pacs.009.001 and pacs.008.001 for Gateway MX and SAA when generating Camt.029 having XferAttribute 'MessageType' as pacs.009.001 and pacs.008.001 respectively.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.37.1	00139082		BOMSG-3262	Issue	Issue - Generated CreDt and CreDtTm tags changes to UTC time-zone.\nImpact Analysis - Local Impact - CreDt and CreDtTm tags are generated with time-zone mentioned in user default / domain value.

1.97 January 2025 - BO Messaging 2.38.0, 2.38.1 (17 January 2025 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.38.0	00134271	APL-11708, APL-4703	BOMSG-3313	Enh	Issue – To support the Purpose in Code format. Currently, the Purpose is supported but in proprietary format in pacs.008 and pacs.009 CHAPS messages with transfer attribute PurposeProp and if empty, with Counterparty SDI attribute PurposeProp. Also to add the LEI for agents: IntrmyAgt1, IntrmyAgt2, Dbtr, Cdtr, CdtrAgt for pacs.008, pacs.009 CORE and COV, and pacs.004 CHAPS messages. Impact Analysis - The Transfer Attribute Keyword "PurposeCode" or the Counterparty SDI attribute "PurposeCode" is used to populate the Purpose in code format. Populated the Legal Entity Attribute LEI to all agents: InstgAgt, InstdAgt, IntrmyAgt1, IntrmyAgt2, Dbtr, Cdtr, and CdtrAgt that are supported for the pacs.008, pacs.009 CORE and COV, and pacs.004 CHAPS messages. Also, removed the dependency with CASH_USE_LEI_FOR_SWIFTMX Legal Entity Attribute for already implemented LEI logic for Pacs.009 CORE and Pacs.009 COV.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.38.0	00139291		BOMSG-3310	Enh	Issue - XSD Validation is not working in MX CBPR when SAA.Revision.Version is 2.0.14. Impact Analysis - Local Impact – Added the validation logic for XSD.
			BO messaging 2.38.0		APL-10928, APL-11622	BOMSG-3298	Enh	Issue – Updates to make for MAS ISO20022 Payments Like-for-Like Version 1.2 from Version 1.1. Impact Analysis - Implemented new XSDs with version 1.2 for MEPS (MAS) jurisdiction. XSD updated for the following messages: - pacs.008 - pacs.009 CORE - pacs.009 COV - camt.056 - camt.029

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.38.0	00145627		BOMSG-3297	Issue	Issue - OrgnlCreDtTm tag changes to UTC when camt.056 and camt.058 moves to SENT status. Impact Analysis - Local Impact - The keyword is now going through the logic that is added to set the time zone. OrgnlCreDtTm tag now has same UTC value before and after moving message into SENT status.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.38.0	00121162		BOMSG-3280	Issue	Issue – An issue is observed in MessageIdentifier tag of SAA header for ECMS. In MessageIdentifier tag, it is not removing ECMS in the tag. Impact Analysis - Added the transformation logic for SAA files: SAA.2.0.5.xml, SAA.2.0.7.xml, SAA.2.0.11.xml, SAA.2.0.14.xml.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.38.1	00145103		BOMSG-3316	Issue	Issue - Unable to receive camt.053, when message is split. Impact Analysis - Local Impact - Added the new field 'Last sequence number' to update the page number in the message and setting the statement attribute of the message.

1.98 February 2025 - BO Messaging 2.39.0 (17 February 2025 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.39.0	00132331, 00135043, 00141167	APL-12510, APL-12509	BOMSG-3353	Enh	Issue - The Customer transfer trade with the Standard SDI, and all types of trades with Manual SDI should populate the correct value for the tag <DbtrAcct> and <Dbtr> in pacs.008 message for all the jurisdictions. Currently, the existing logic is populating the wrong value for the pacs.008 message.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								Impact Analysis - In the case of Customer Transfer the debtor's name is picked as Customer Transfer name and account number from the customer transfer attribute window. In case of manual SDI it pick the debtor name and debtor account from the ordering customer field.
			BO messaging 2.39.0		APL-11635, APL-11634	BOMSG-3349	Enh	Issue - To remove CASH_USE_LEI_FOR_SWIFTMX for LEI tags from all Jurisdictions. Impact Analysis - Removed the CASH_USE_LEI_FOR_SWIFTMX for LEI tags. All the LEI tags are generated for pacs.009.001.CBPR, pacs.009.001.CHAPS, pacs.009.001.COV.CBPR+ and pacs.008.001.STP.CBPR without LE attribute CASH_USE_LEI_FOR_SWIFTMX.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.39.0	00141067		BOMSG-3345	Issue	Issue - Upon updating SDI Identifier, the identifier is getting populated on MT202/MT103 but not on MX PACS009/PACS008 messages when environment property "STORE_SDI_IDENTIFIERS_AS_ATTRIBUTES" is set to True. Impact Analysis - Local Impact - Removed the dependency of environment property STORE_SDI_IDENTIFIERS_AS_ATTRIBUTES from the logic as in core, when this property is true it moves the identifier value to SDI attribute and identifier field is empty.
			BO messaging 2.39.0		APL-13017	BOMSG-3302	Sec	Issue - Sec - Upgrade third-party libraries. Impact Analysis - Updated com.thoughtworks.xstream:xstream from version 1.4.20 to 1.4.21. BO Messaging module is impacted.

1.99   March 2025 - BO Messaging 2.40.0 (17 March 2025 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.40.0	00150671, 00156396		BOMSG-3358	Issue	Issue – While generating SESE.023.001 message with BAH head.001.001.02 i.e., BusinessApplicationHeaderV02, the generated MX message header for the tag <MsgDefIdr> is always populated with value trck.001.001.02 instead of message template value. However, it should be populated with BusinessMessage name. Impact Analysis - Local Impact – Earlier the head.001.001.02 file had hard coded value for MsgDefIdr tag and was always populating trck message details which is corrected now and the system now populates the message details.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.40.0	00151326		BOMSG-3363	Issue	Issue – When an incoming Pacs.008 or Pacs.009 is published with Counterparty name in the <Dbtr> tag, the value for "Key.Debtor" in Matching Manager is blank. This only occurs when we have <Nm> tag (Name) and dbtr tag is published with a BIC. Impact Analysis - Local Impact – Extended the key of Dbtr from only BIC to Name tag too. If BIC is not present, then populating Name for Key.Dbtr.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.40.0	00141648		BOMSG-3372	Issue	Issue – key.Counterparty is not set in camt.054 but set correctly in MT910. Impact Analysis - Local Impact – Expanded the scope of Counter Party Key where we also consider the Name tag if BIC is not present for Dbtr & DbtrAgt.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.40.0	00145726	APL-13514, APL-13119	BOMSG-3375	Enh	Issue – To add the Clearing Channel <ClrChanl> tag with RTGS on pacs.009 CBPR messages. Impact Analysis - The tag <ClrChanl> will be populated either by the Transfer Attribute 'propagateTradeKeyword' or 'SetInternalAttribute' workflow rule, or by SDI Attribute for pacs.009.ADV, pacs.009.COV, and pacs.009. A new Trade Attribute "ClearingChannel" is created in the trade attribute, Attribute configuration window and SDI attribute window which will populate the tag <ClrChanl> in the MX message.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.40.0	00123062	APL-11749, APL-12182	BOMSG-3377	Enh	Issue – To provide Cover payments support for SIX Jurisdiction. Impact Analysis - Added Cover payments support for SIX pacs009.COV template and incorporated COVPMT/ Cover payments for PACS.009.COV messages. Refer to Calypso MX Payment Messages documentation for details.
			BO messaging 2.40.0		APL-13078, APL-11738	BOMSG-3379	Enh	Issue – To integrate MT900 and MT910 messages in JSON format in compliance with Alliance Cloud requirement received from SWIFT. Impact Analysis - JSON message is integrated successfully creating Swift MT900, MT910 and MT950. Also, MT950 is visible in matching manager with GL account and all other matching keys. Refer to Calypso MX Payment Messages documentation for details.
Post Trade Processing	Settlements	Cross	BO messaging 2.40.0	00153903		BOMSG-3383	Issue	Issue – For incoming sese.025, the related transfer attribute _realCashAmount is reset to 0 in transfer viewer audit. Impact Analysis - Local Impact – Cash Amount xpath was wrong, which is now corrected.

1.100 April 2025 - BO Messaging 2.41.0 (17 April 2025 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.41.0	00159439		BOMSG-3412	Issue	Issue – While generating pacs.009 message, tags <TwnNm> and <Ctry> are not populated when trade is booked with counterparty role 'Fund'. Impact Analysis - Local Impact - Adding the additional functionality where it will pick the value of ROLE for entity from the SDI. If not set then will pick the default value.
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.41.0	00156894		BOMSG-3422	Issue	Issue - Incorrect LEI population is observed for CHAPS, and the InstructedAgent BIC is correct, while the LEI populated is of the CreditorAgent. Impact Analysis - Local Impact - Changed the keyword and started populating the LEI for the entity which is same as BIC.
			BO messaging 2.41.0		APL-12787, APL-12789	BOMSG-3325	Enh	Issue - Name tag is not populating for Creditor agent in PACS009 MEPS core message when BIC code is not available in LE contact for Creditor agent. Impact Analysis - CdtrAgt tag is generated with Name tag if BIC is not available.
Post Trade Processing	Settlements	Cross	BO messaging 2.41.0	00153903		BOMSG-3383	Issue	Issue - For incoming sese.025, the related transfer attribute _realCashAmount is reset to 0 in transfer viewer audit. Impact Analysis - Local Impact - Cash Amount xpath was wrong, which is now corrected.
			BO messaging 2.41.0		APL-12787, APL-12789	BOMSG-3421	Enh	Issue - To propagate Pacs.004 CHAPS Instructing Agent and Instructed Agent LEI from the incoming Pacs.008 and Pacs.009. Impact Analysis - Enhanced the feature so that the LEI for InstructionAgt and InstructedAgent is populated in Pacs.004 message.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	BO messaging 2.41.0	00158946		BOMSG-3398	Issue	Issue - Unable to save incoming messages in Calypso which come from Swift MX using an import message engine where the messages are imported via MQueue. This causes an NPE. Impact Analysis - Local Impact - Added a null check for fields objects for which NPE was being thrown.

Release Notes – Matching

2.1 August 2021 – Matching 2.9.47

Important Note – Change to INCOMING message workflow – See issue MCHFW-1573 below for details.

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.47	00017549		MCHFW-1591	Issue	Issue – MT548 is not processed (showing error about wrong quantity) when related transfer is a Counterparty netted transfer with at least two underlying transfers. Impact Analysis – Local impact to TransferMatchableUnderlyingSQL.java - Additional fix - When message and transfer are matched, matched transfer carries the transfer version.
Matching 2.9.47	00016312		MCHFW-1573	Issue	Issue - SPLIT net transfer created with a 0 quantity of securities (only cash). Impact Analysis - Local impact to SecurityPartialMatchHandler – Allowing security partial settle if the transfer is cash. You need to remove the PROCESSED – UNMATCH - PENDING_MATCHING workflow transition if configured from the INCOMING message workflow.

2.2 August 2021 – Matching 2.9.48 (16.1.0.85 – Sept 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.48		RPM-4313	MCHFW-1595	Enh	Issue – Technical issue - Changes for using "internal" Data Uploader module.

2.3 September 2021 – Matching 2.9.49 (16.1.0.89 – Oct 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.49	00020142		MCHFW-1608	Issue	Issue - Unable to load Matching Alias Window - SQL Exception identifier: Implicit conversion from datatype VARCHAR to NUMERIC is not allowed in Sybase. Impact Analysis – Local impact to MatchingAliasReport.

2.4 September 2021 – Matching 2.9.50 (16.1.0.89 – Oct 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.50	00020466		MCHFW-1617	Issue	Issue - Difference for settlement amount is incorrect for MT950 in Matching Manager due to rounding issue. Impact Analysis – Local impact to DefaultMatchingResultAnalysis – Using BigDecimal for amount diff calculation instead of double.
Matching 2.9.50		RPM-6142	MCHFW-1613	Enh	Issue – Security - Upgrade xstream library to version 1.4.17.
Matching 2.9.50		RPM-5926	MCHFW-1603	Enh	Issue – Security - Upgrade spring-core libraries to version 5.3.8.
Matching 2.9.50		RPM-5945	MCHFW-1601	Enh	Issue – Security – Upgrade camel libraries to version 3.10.0.
Matching 2.9.50		RPM-5965	MCHFW-1599	Enh	Issue – Security – Upgrade jide libraries to version 3.7.12.
Matching 2.9.50		RPM-5905	MCHFW-1597	Enh	Issue – Security - Upgrade commons-lang libraries to version 3.12.0.

2.5 October 2021 – Matching 2.9.51 (16.1.0.94 – Nov 21 MR)

Upgrade Info

Information	Client Intervention	Component	Description
Upgrade Information	Behavior Change Info	Matching	MCHFW-1579 has been reverted – As a result, the "Allow Mismatch" option is ignored when Tolerance is set to OptionalReference for reference keys – See issue MCHFW-1617 below for details.

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.51	00008006		MCHFW-1617	Issue	Issue – Revert MCHFW-1579 - Allow Mismatch in Matching to support UTI jurisdiction identifiers which are OptionalReference. Impact Analysis - The "Allow Mismatch" option is ignored when Tolerance is set to OptionalReference for reference keys.
Matching 2.9.51	00019016		MCHFW-1630	Issue	Issue - Matching Manager is unable to load MT300 contexts when using any selection criteria. Impact Analysis – Added DEBUG log category SF00019016 to understand the issue.
Matching 2.9.51			MCHFW-1628	Enh	Issue – Add warning message when applying Match With Creation that the process takes time. Fix – Added warning message.

2.6   November 2021 – Matching 2.9.52, 2.9.53, 2.9.54 (16.1.0.96 – Dec 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.54	00020413 00019860		MCHFW-1648	Issue	Issue – Matching Report not loading data due to ViewOnlyProcessingOrgStaticData in combination with "Processing Org" field. Impact Analysis – Local impact to Matching report – Fixed paging used to load and filter data.

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.54			MCHFW-1642	Issue	Issue - Multithreaded Engine DeadLock - MatchableStaticDataFilter is not thread-safe. Impact Analysis – Local impact to MatchableStaticDataFilter.
Matching 2.9.54	161234		MCHFW-1641	Issue	Issue – Error in TrackingMatchingHandler when no action is defined for the Tracking. Impact Analysis – Local impact to TrackingMatchingHandler - Changing the way to determine action as Action is now a ConcurrentHashMap.

2.7 December 2021 – Matching 2.9.55

Matching 2.9.55 is a technical release only.

2.8 December 2021 – Matching 2.9.56 (16.1 Feb 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.56	00025412		MCHFW-1671	Issue	Issue – Matching Manager - GUI results different from Database, also Duplicate matchable entries due to the recent Hibernate changes. Impact Analysis – Local impact to MatchableSQL - Adding order in the hibernate query so that the paging works correctly.
Matching 2.9.56	00025542		MCHFW-1667	Issue	Issue - Oracle SQLGrammarException for MatchingServer. Impact Analysis – Changed MatchableTemplatePersistenceCommandContext to store the relevant IDs only. Restricted hibernate to 1000 items in a IN query.

2.9 January 2021 – Matching 2.9.57 (16.1 Feb 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.57	00027879 00027298		MCHFW-1692	Issue	Issue – Matching Manager - Cache issue when loading criteria from template. Impact Analysis – Local impact to MachableReportTemplatePanel – Suspending cell editing when loading template.
Matching 2.9.57	00027355		MCHFW-1687	Issue	Issue – Matching Manager display not consistent. Impact Analysis – Local impact to LoadMatchablesCommand - Applying template sequentially instead of in parallel.
Matching 2.9.57	00022970		MCHFW-1676	Issue	Issue - SPLIT net transfer with 0 securities - TRANSFER TYPE should be populated as PRINCIPAL instead of SECURITY. Impact Analysis – Local impact to TransferKeyMapper - In case the transfer type is not SECURITY, returning 0 instead of null for A_QTY_AMOUNT and A_NOMINAL_AMOUNT.

2.10 February 2022 – Matching 2.9.58 (16.1 Feb 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.9.58	00027736		MCHFW-1697	Issue	Issue – DeadLock on MatchableBuilderEngine. Impact Analysis – Local impact to DefaultMatchableBuilder – Fixing multi-threading to prevent deadlock.

2.11   April 2022 – Matching 2.10.0

Component	HD/Case	RPM	Issue	Type	Description
Matching 2.10.0		RPM-6946	MCHFW-1702	Issue	Issue – Security - Upgrade xstream library from 1.4.17 to 1.4.18 for V16.1.
Matching 2.10.0			MCHFW-1700	Issue	Issue - Incorrect Domain Value name retrieved for SDFilter performance issue. Impact Analysis – Local impact - AbstractMatchingContext – Retrieving correct domain name.
Matching 2.10.0	00027736		MCHFW-1696	Issue	Issue – DeadLock on MatchableBuilderEngine. Impact Analysis – Local impact to DefaultMatchableBuilder – Fixing multi-threading to prevent deadlock.
Matching 2.10.0	00027879		MCHFW-1693	Issue	Issue – Matching Manager - Cache issue when loading criteria from template. Impact Analysis – Local impact - MachableReportTemplatePanel – Suspending cell editing when loading template.
Matching 2.10.0	00027355		MCHFW-1688	Issue	Issue – Matching Manager display is not consistent. Impact Analysis – Local impact to LoadMatchablesCommand - Applying template sequentially instead of in parallel.
Matching 2.10.0	00027298		MCHFW-1685	Issue	Issue - Matching Report cache issue in loading criteria. Impact Analysis – Local Impact to MachableReportTemplatePane and MatchableConditionPane. We need to force StopEditing before loading a new template.

2.12   May 2022 – Matching 2.10.1 (16.1 May 22 MR)

Component	Case	RPM	Issue	Type	Description
Matching 2.10.1			MCHFW-1717	Enh	Issue - Minor refactoring of MessageWorkflowActionHandlerREJECT_PAYMENT to allow GUI less testing. Impact Analysis - Added a new Interface to permit to customize the usage of the PaymentStatusDialog using custom apps.reporting.PaymentStatusDialogCustom. If dialog creation is handled in a factory method, this allows us to override that particular method to provide GUI-less testing of the REJECT_PAYMENT functionality without duplicating the code.
Matching 2.10.1			MCHFW-1714	Enh	Issue - Remove unnecessary dependency on org.apache.activemq:activemq-core:5.15.15. Impact Analysis – Updated the same.

2.13   June 2022 – Matching 2.10.2 (16.1 June 22 MR)

Component	Case	RPM	Issue	Type	Description
Matching 2.10.2	00030103		MCHFW-1734	Issue	Issue - Disproportionate Loading time of BO Browser irrespective of the user and type of trade that is being load in the browser. Impact Analysis – Resolved loading time issue.
Matching 2.10.2	00029413		MCHFW-1728	Issue	Issue - Incoming MT900 BO message is not updated automatically with TradeId and TransferId. If Matching is 1:N i.e., For N incoming messages, 1 outgoing transfer; while matched, incoming BO message is not updated automatically with TradeId and TransferId, and MatchedWith attribute is not set for both BOTransfer and BOMessage. However, this is automatically done when Matching is 1:1. Impact Analysis – Fixed BO message issue for 1:N matching.

Component	Case	RPM	Issue	Type	Description
Matching 2.10.2		RPM-9949 RPM-9898	MCHFW-1721	Sec	Issue – Security - BackOffice: Upgrade spring from 5.3.8 to 5.3.18 - v16.1. Impact Analysis – Upgradation done successfully.
Matching 2.10.2		RPM-9539	MCHFW-1732	Sec	Issue – Security - Upgrade xstream libraries from version 1.4.18 to version 1.4.19, Impact Analysis - Impacted calypso components are calypso-bows, calypso-matchingframework and calypso-trioptima.

2.14   August 2022 – Matching 2.11.0 (16.1 August 22 MR)

Component	Case	RPM	Issue	Type	Description
Matching 2.11.0	00034262		MCHFW-1742	Issue	Issue - We see wrong operators like "In, Not In, Like, Not Like, Null" for open key.Settlement Amount filter in matching manager window when there is a single outgoing transfer. Impact Analysis – Correct operators such as "=, >=, >, <=, <, <> and Between", are displayed in key.Settlement Amount filter for a single outgoing transfer.
Matching 2.11.0		RPM-10798 RPM-10724	MCHFW-1747	Sec	Issue – Update Infosec library to address a security issue with JaxbUnmarshaller.

2.15   September 2022 – Matching 2.11.1 (16.1 September 22 MR)

Component	Case	RPM	Issue	Type	Description
Matching 2.11.1	00038785		MCHFW-1753	Issue	Issue - Matching Audit panel is not populating on an archived trade. When trade is archived and Matching Audit panel is loaded, it should fetch date from the table named - genereic_comment_hist, however,

Component	Case	RPM	Issue	Type	Description
					it is fetching the date from live table i.e., generic_comment table- which is blank for this trade, as its archived. Impact Analysis – As expected the Matching Audit is getting populated for archived trade. This can be checked in the generic_comment_hist table since the archived trade is present in HIST table.

2.16   November 2022 – Matching 2.11.2 (16.1 November 22 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.11.2	00039742		MCHFW-1765	Issue	Issue - Issue with PARTIAL_SETTLE action with 0 securities. System was assigning incorrect Transfer Type as PRINCIPAL when the resultant i.e., Netted quantity was 0 for the securities (Nominal column) and also the amount was being populated under incorrect column i.e., Transfer Amount. Impact Analysis - The Transfer Type generated is SECURITY. With the fix now, the correct transfer type is assigned as SECURITY and amount is also populated in correct column i.e., Transfer Other Amount.
Cross Functional	Permissions & Authorizations	Cross	Matching 2.11.2	00040420		MCHFW-1761	Issue	Issue - Segregation - Data Authorization window (Matching Alias Configuration). Any user can see Matching Alias authorization request created by 'bo_support' for ProcessingOrg as PO, even though 'PO' is not added in User details tab of that user. Impact Analysis - Now the Matching Alias implements ProcessingOrgBased interface that allows Data Authorization to segregate data viewing by PO.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Now the user cannot see authorization request created for Matching Alias created by another user (bo_support) for PO for which he doesn't have an access.

2.17   January 2023 – Matching 2.11.3, 2.11.4 (16.1 January 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.11.3	00050833		MCHFW-1778	Issue	Issue - Issue with PARTIAL_SETTLE with 0 securities. The issue happens when PARTIAL_SETTLE action is applied on a transfer with 0 quantity of securities using MESSAGE_MATCHING ST. Impact Analysis – The underlying transfers are correct. The transfers 48788 and 48789, both are in RECEIVE status. Transfer with value 836.94 is in SETTLED status.
Cross Functional	Permissions & Authorizations	Cross	Matching 2.11.4	00040420		MCHFW-1776	Issue	Issue - Segregation - Data Authorization window (Matching Alias Configuration) for update. When existing Alias is updated with a processing org, then another use who does not have access to that processing org is able to see the data authorization task in the Authorization window.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Impact Analysis - When existing Alias is updated with a processing org, then another use who does not have access to that processing org could not see the data authorization task in the Authorization window.

2.18 February 2023 – Matching 2.11.5 (16.1 February 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.11.5	00053791		MCHFW-1796	Issue	Issue - Far Leg UTI/TradeID is not removed after applying UNMATCH action on Far Leg Messages. Impact Analysis - Added trade keyword UTI/SourceFar (similar to UTI/Source on the near leg) to identify the far leg correctly and remove UTI/TradeIdFar after applying UNMATCH action on Far Leg.
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.11.5	00029761		MCHFW-1789	Issue	Impact Analysis – Added logging information.

2.19 March 2023 – Matching 2.11.6 (16.1 March 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Settlements	Cross	Matching 2.11.6	00056826		MCHFW-1805	Issue	Issue - While saving a repo trade and importing incoming MT541; Upon checking it in PROCESSED status, it is seen that Transfers are SPLIT. The partially settled transfer remains in PENDING_CCP status and doesn't have transfer attribute "MatchedWith" populated and hence cannot move to next status. Impact Analysis - Linked transfer does have the transfer attribute 'MatchedWith' set and moves the transfer to the Verified status.

2.20 April 2023 – Matching 2.12.0, 2.13.0 (16.1 April 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Matching 2.12.0		APL-4782	MCHFW-1811	Sec	Issue - Security: Upgrade com.thoughtworks.xstream:xstream library to version 1.4.20.
			Matching 2.13.0			MCHFW-1798	Issue	Issue - While selecting the Propagation Config name as 'UTI' in the Matching options tab, an NPE occurs. Impact Analysis - Matching context with propagation details is applied successfully without an NPE.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.13.0	00008006	APL-1943, APL-2487, APL-2402	MCHFW-1794	Enh	Issue – For only one matching key in the context (Auto, BICInstruction, Aliasable, Allow Mismatch), if the tolerance is not satisfied, the matchables are not mismatched. Impact Analysis – Local impact to AutoMatchingResult - Making sure mismatch is accepted before setting mismatch = true.
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.13.0	00008006	APL-1943, APL-2487, APL-2402, RPM-4964	MCHFW-1791	Enh	Issue - To create a new Tolerance that will always have a score of the value of the key weight. Impact Analysis - Created new tolerance named AlwaysTrueReference which always returns "Match" (i.e., the score is equal to the weight of the key). It should only be used for the UTI key as a manual tolerance. It allows matching if key is empty on one side and has a value on the other side.

2.21   May 2023 – Matching 2.13.1 (16.1 May 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Architecture	Platform	Cross	Matching 2.13.1	00058910		MCHFW-1818	Issue	Issue - 'Force Match' action on a message of archived trade is causing bad event into Matching engine requesting a restart. Impact Analysis - Force Match action is handled correctly, and message is moved to Matched queue. Also, the trade to be archived successfully.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.13.1	00064261		MCHFW-1830	Issue	Issue - Matching Alias is deleted after an update. Upon removing/adding one legal entity from/to the Matching Alias respectively and authorizing the change, on reloading the Matching Aliases, it is observed that the updated Alias disappeared. Impact Analysis - Reloading of Matching Alias window displays the Alias config with the changes done (Removing/Adding LE).

2.22   June 2023 – Matching 2.14.0 (16.1 June 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.14.0	00060988		MCHFW-1842	Issue	Issue - Key.CounterParty is not populated correctly in MatchingManager in case of incoming pacs.009/pacs.008/pacs.004 Target2 messages. Impact Analysis - A new Matching key name 'Debtor' is created for a transfer. This key is of type "Role" and returns the same value as the key 'CounterParty'.
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.14.0	00067528		MCHFW-1839	Issue	Issue - When any change is made on the Matching context and applied, changes are saved, but object does not appear in the Data authorization window for authorization which shows that Matching context is not available for Data authorization mode. Impact Analysis - For a change made on the Matching context, the object appears in the Data authorization window for authorization.

2.23 July 2023 – Matching 2.14.1, 2.14.2, 2.15.0 (16.1 July 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.14.1	00070105		MCHFW-1853	Enh	Issue - When a Manual Match is performed and the match fails in the MatchingEngine, it is only visible in the logs and no warning message is thrown. Impact Analysis - A popup window is displayed to the user when the MatchingEngine was not able to perform the manual match.
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.14.1	00070105		MCHFW-1856	Enh	Issue - Matching Manager loads matchable with a previous cutoff date, which impacts performance. The default one created contains a criterion on CutOff date having 0D as value. Impact Analysis - Added a warning with no CutOff criterion and an option to add it, which reduces the number of loaded matchable.
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.14.2	00064168, 00072772		MCHFW-1863	Issue	Issue - With Multiple incoming messages to split and settle the transfer, the split transfers remain in unmatched status split. Only the first split transfer id goes to cancelled status and remaining split transfers remain in Unmatched status instead of cancelled. Impact Analysis - Split Transfers are in Cancelled status.
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.14.2	00070105		MCHFW-1869	Enh	Issue - To change the way the matchingengine restart automatically. When an event cannot be consumed, then matchingengine has to be restarted sometimes so as to consume the event. Impact Analysis - Added a new behavior in which the matchingengine will not restart anymore using an engine parameter named

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								MATCHING_RESTART_ON_TOO_MANY_ERRORS. If not defined the value is considered FALSE and in this case the Engine would not restart.
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.14.2	00070105		MCHFW-1871	Issue	Issue - Matching Manager doesn't get refreshed after matching mismatch. So the messages that are already in matched status in BO Browser, are still present on the matching manager window in unmatched /mismatched status, Impact Analysis - Before saving a new MatchingGroup to match, it is checked if any of the matchable involved is not already matched. If already matched, then it is removed from unmatched/mismatched status.
			Matching 2.15.0		APL-5763, APL-5688	MCHFW-1858	Sec	Issue - To update com.github.dozermapper:dozer-core version 6.5.0 to 6.5.2. Impact Analysis - Updated com.github.dozermapper:dozer-core from version 6.5.0 to 6.5.2. For BackOffice, below modules are impacted: matchingframework.

2.24   August 2023 – Matching 2.16.0, 2.16.1 (16.1 August 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.0	00077842		MCHFW-1884	Issue	Issue - Matching manager does not load the unmatched data and gets stuck while loading the window. Impact Analysis - Matching manager loads the data.
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.0	00076727		MCHFW-1881	Issue	Issue - Matching Context Update is not working as expected with Data Authorization Mode 'ON'. While updating any existing Matching context, a popup for required Authorizations displayed while saving, but when opening the Data Authorization window, no objects pending for authorization can be seen. Impact Analysis - Update in the existing matching context is saved when we approve the request from Data authorization window.
			Matching 2.16.0		APL-6335, APL-6281	MCHFW-1878	Sec	Issue - To ugrade org.apachepdfbox:pdfbox from version 2.0.15 to 2.0.26. Impact Analysis - Upgraded org.apache.pdfbox:pdfbox from version 2.0.15 to 2.0.26. For Back-Office, below modules are impacted: matchingframework
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.1	00078520		MCHFW-1892	Issue	Issue - It is observed that bad event count keeps increasing due to same event processing twice on matching engine. Impact Analysis - The fix consists of a better management of all that needs to be done at the end of the processing of an event.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Matching 2.16.1			MCHFW-1888	Issue	Issue - To improve performance by not putting all the matchables that are in the logs. Impact Analysis - Resolved the same.

2.25 September 2023 – Matching 2.16.2 (16.1 September 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.2	00078896		MCHFW-1899	Issue	Issue - Static Data Filter is not identifying the CLS Messages based on the BICS. Impact Analysis - Incoming MT300 messages are identified and visible in MatchingManager.

2.26 October 2023 – Matching 2.16.3 (16.1 October 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.3	00082602		MCHFW-1912	Issue	Issue - Username is missing in Authorization Window when updating Matching Context. The matching context does not have username in database: table matching_context column user_name. Also, when the matching context has a username in database, it is different from the current logged user. Impact Analysis - Authorization record is available with user as "admin" for both the changes. The Username details can be seen in the Data Authorization window.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
Maintenance	Performance	Cross	Matching 2.16.3	00081442		MCHFW-1909	Issue	Issue - To optimize the code in order to not generate the PDF which is not being used for the Matchable creation. Impact Analysis - PDF document are not generated while creating the Matchable data.

2.27 November 2023 – Matching 2.16.4 (16.1 November 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
			Matching 2.16.4		APL-7716	MCHFW-1932	Sec	Issue - To upgrade org.apache.activemq:activemq-client from version 5.16.6 to 5.16.7. Impact Analysis - Upgraded org.apache.activemq:activemq-client from version 5.16.6 to 5.16.7. For Back-Office, below modules are impacted: - matchingframework

2.28 January 2024 – Matching 2.16.5 (16.1 January 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.5	00089682		MCHFW-1948	Issue	Issue - Two SQL queries are generated for each MatchingManger report loading. Impact Analysis - Local Impact - Calypso runs only one query for each load in the matching manager report.

2.29 March 2024 – Matching 2.16.6

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.6	00104870, 00089184		MCHFW-1966	Issue	Issue - While trying to create a simple transfer from matching manager using "Match with Creation" a Nullpointer exception "Cannot Build Value for Key ProcessingOrg", is observed and the trade is not created. Impact Analysis - Local Impact - No NPE is thrown while creating simple transfer through "Match with Creation".

2.30 April 2024 – Matching 2.16.7

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.7	00108347, 00106757		MCHFW-1980	Issue	Issue - To fix the bad logs which are getting created in production environment. Impact Analysis – Local Impact - The wrong logs are removed.

2.31 May 2024 – Matching 2.16.8

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 2.16.8	00098138		MCHFW-1991	Issue	Issue - In the Matching Alias window, any user can see Matching Alias of another Processing Org to which he does not have access to.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
								However, only the Matching Alias of Processing Org which is listed in the 'Processing Org' field of the User Access Permission window under Users tab must be visible. Impact Analysis – Local Impact - The Matching Alias implements ProcessingOrgBased interface that now allows Data Authorization to segregate data viewing by PO.

2.32   June 2024 – Matching 2.16.9

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
			Matching 2.16.9			MCHFW-1799	Issue	Issue - In Matching Context, the "Save Changes" Popup appears every time when selecting another context, even if no changes are made on the context. This should be displayed only when a change has been made. Impact Analysis - "Save Changes" popup does not appear while selecting any context.
Architecture	Platform	Cross	Matching 2.16.9	00113221		MCHFW-2003	Enh	Issue - When a legitimate event reaches the MatchableBuilderEngine, the engine builds it and computes the keys at a very early stage which leads to consuming unnecessary resources. Impact Analysis - Optimized Matchable key building. Introduced a new option "Build Keys at Last Step" in MatchingContext that permits

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM/APL	Issue	Type	Description
								to delay the creation of the Matching keys. By default, it is set to true.

2.33 July 2024 – Matching 2.16.10

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Settlements	Cross	Matching 2.16.10	00112331, 00119237		MCHFW-1998	Issue	Issue - For Statement Matching, Partial Settlement doesn't move the FAILED transfer correctly when Split Amount and Failed Amount are same. Impact Analysis - Local Impact - Added partial match action to the list of match action, otherwise cache is not updated.

2.34 January 2022 – Matching 3.0.0, 3.0.1 (17 Feb 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 3.0.1	00025542		MCHFW-1668	Issue	Issue - Oracle SQLGrammarException for MatchingServer. Impact Analysis – Changed MatchableTemplatePersistenceCommandContext to store the relevant IDs only. Restricted hibernate to 1000 items in a IN query.
Matching 3.0.1			MCHFW-1662	Issue	Issue – Security – Upgrade calypso-infosec library to version 5.0.2.

2.35 March 2022 – Matching 3.1.0 (17 March 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Matching 3.1.0		RPM-7035	MCHFW-1703	Enh	Issue - Upgrade xstream library to version 1.4.18.
Matching 3.1.0			MCHFW-1699	Issue	Issue – Incorrect domain name retrieved for SDFilter performance issue. Impact Analysis – Local impact to AbstractMatchingContext – Retrieving correct domain name.
Matching 3.1.0	00025412		MCHFW-1670	Issue	Issue – Matching Manager - GUI results different from Database, also Duplicate matchable entries due to the recent Hibernate changes. Impact Analysis – Local impact to MatchableSQL - Adding order in the hibernate query so that the paging works correctly.

2.36 June 2022 – Matching 3.2.0 (17 June 22 MR)

Component	Case	RPM	Issue	Type	Description
Matching 3.2.0		RPM-7829 RPM-7636 RPM-7767 RPM-7858 RPM-9830	MCHFW-1719	Sec	Issue – Security - Upgradation of third-party libraries including Camel, Hibernate, Spring, javax.mail, cglib, and jaxb-impl. Impact Analysis – Upgradation successfully done.
Matching 3.2.0			MCHFW-1716	Enh	Issue - Minor refactoring of MessageWorkflowActionHandlerREJECT_PAYMENT to allow GUI less testing. Impact Analysis - Added a new Interface to permit customizing the usage of the PaymentStatusDialog using custom apps.reporting.PaymentStatusDialogCustom. If dialog creation is handled in a factory method, this allows us to override that

Component	Case	RPM	Issue	Type	Description
					particular method to provide GUI-less testing of the REJECT_PAYMENT functionality without duplicating the code.
Matching 3.2.0			MCHFW-1713	Enh	Issue - Remove unnecessary dependency on org.apache.activemq:activemq-core:5.15.15.

Impact Analysis – Updated the same. |

2.37   July 2022 – Matching 3.2.1 (17 July 22 MR)

Component	Case	RPM	Issue	Type	Description
Matching 3.2.1	00030103		MCHFW-1733	Issue	Issue - Disproportionate Loading time of BO Browser irrespective of the user and type of trade that is being load in the browser.

Impact Analysis – Resolved loading time issue. |
| Matching 3.2.1 | 00029413 | | MCHFW-1727 | Issue | Issue - Incoming MT900 BO message is not updated automatically with TradeId and TransferId. If Matching is 1:N i.e., For N incoming messages, 1 outgoing transfer; while matched, incoming BO message is not updated automatically with TradeId and TransferId, and MatchedWith attribute is not set for both BOTransfer and BOMessage. However, this is automatically done when Matching is 1:1.

Impact Analysis – Fixed BO message issue for 1:N matching. |

2.38   September 2022 – Matching 3.3.0 (17 September 22 MR)

Component	Case	RPM	Issue	Type	Description
Matching 3.3.0	00034262		MCHFW-1743	Issue	Issue - We see wrong operators like "In, Not In, Like, Not Like, Null" for open key.Settlement Amount filter in matching manager window when there is a single outgoing transfer.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis – Correct operators such as "=, >=, >, <=, <, <> and Between", are displayed in key.Settlement Amount filter for a single outgoing transfer.
Matching 3.3.0		RPM-10724 RPM-10846	MCHFW-1748	Sec	Issue – Update Infosec library to address a security issue with JaxbUnmarshaller.

2.39 October 2022 – Matching 3.3.1 (17 October 22 MR)

Component	Case	RPM	Issue	Type	Description
Matching 3.3.1	00038785		MCHFW-1752	Issue	Issue - Matching Audit panel is not populating on an archived trade. When trade is archived and Matching Audit panel is loaded, it should fetch date from the table named - genereic_comment_hist, however, it is fetching the date from live table i.e., generic_comment table- which is blank for this trade, as its archived. Impact Analysis – As expected the Matching Audit is getting populated for archived trade. This can be checked in the generic_comment_hist table since the archived trade is present in HIST table.

2.40 November 2022 – Matching 3.4.0 (17 November 22 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Matching 3.4.0		RPM-10048 RPM-10654 RPM-10029	MCHFW-1745	Enh	Issue - To support BOM in build.gradle Impact Analysis - Merged branch 'FEATURE-GRADLE-BOM' to support back-office messaging templates and updated third party libraries like mail-api from 1.6.2 to 2.1.0, activemq from 5.15.15 to 5.16.5, and Camel

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								from 3.12.0 to 3.14.3, in an easier and more consistent way.

2.41 December 2022 – Matching 3.4.1 (17 December 22 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.4.1	00039742		MCHFW-1764	Issue	Issue - Issue with PARTIAL_SETTLE action with 0 securities. Impact Analysis - The Transfer Type generated is SECURITY.
Cross Functional	Permissions & Authorizations	Cross	Matching 3.4.1	00040420		MCHFW-1762	Issue	Issue - Segregation - Data Authorization window (Matching Alias Configuration). Any user can see Matching Alias authorization request created by 'bo_support' for ProcessingOrg as PO, even though 'PO' is not added in User details tab of that user. Impact Analysis - Now the Matching Alias implements ProcessingOrgBased interface that allows Data Authorization to segregate data viewing by PO. Now the user cannot see authorization request created for Matching Alias created by another user (bo_support) for PO for which he doesn't have an access.

2.42 March 2023 – Matching 3.4.2, 3.4.3 (17 March 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.4.3	00053791		MCHFW-1787	Issue	Issue - Far Leg UTI/TradeID is not removed after applying UNMATCH action on Far Leg Messages. Impact Analysis - Added trade keyword UTI/SourceFar (similar to UTI/Source on the near leg) to identify the far leg correctly and remove UTI/TradeIdFar after applying UNMATCH action on Far Leg.

2.43 April 2023 – Matching 3.4.4, 3.5.0 (17 April 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Settlements	Cross	Matching 3.4.4	00056826		MCHFW-1806	Issue	Issue - Linked transfer neither populates attribute 'MatchedWith', nor moves the transfers to the next status 'Verified'. Impact Analysis - 'MatchedWith' attribute is populated, and transfers are moved from PROCESSED to VERIFIED status.
			Matching 3.5.0		APL-4671	MCHFW-1808	Sec	Issue - Security: Upgrade com.thoughtworks.xstream:xstream library to version 1.4.20.

2.44   May 2023 – Matching 3.6.0 (17 May 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Matching 3.6.0			MCHFW-1816	Enh	Issue - To add support for OptionalFeature: feature flag on MatchingEngine and MatchableBuilderEngine. Impact Analysis - With the matching framework deployed, an option to avoid pending events pilling up in the MatchableBuilderEngine or MatchingEngine queues is provided so as to be able to skip the events persistence and pretend that it is not deployed. Backoffice-matching feature is exposed which when enabled, make events unconsumed until the MatchableBuilderEngine and MatchingEngine consumed them. If this feature is disabled, events shouldn't be persisted for the MatchableBuilderEngine or MatchingEngine to skip the events persistence and pretend that it is not deployed.
			Matching 3.6.0		APL-1597	MCHFW-1801	Enh	Issue - Treasury Foundation - To add CML support for User Preferences for Matching Manager. Impact Analysis - Added ability to import/export Matching Manager User Preferences using Configuration Workbench.
			Matching 3.6.0			MCHFW-1797	Issue	Issue - While selecting the Propagation Config name as 'UTI' in the Matching options tab, an NPE occurs. Impact Analysis - Matching context with propagation details is applied successfully without an NPE.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.6.0	00008006	APL-1943, APL-2487, APL-2402	MCHFW-1793	Enh	Issue – For only one matching key in the context (Auto, BICInstruction, Aliasable, Allow Mismatch), if the tolerance is not satisfied, the matchables are not mismatched. Impact Analysis – Local impact to AutoMatchingResult - Making sure mismatch is accepted before setting mismatch = true.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.6.0	00008006	APL-1943, APL-2487, APL-2402, RPM-4964	MCHFW-1790	Enh	Issue - To create a new Tolerance that will always have a score of the value of the key weight. Impact Analysis - Created new tolerance named AlwaysTrueReference which always returns "Match" (i.e., the score is equal to the weight of the key). It should only be used for the UTI key as a manual tolerance. It allows matching if key is empty on one side and has a value on the other side.

2.45   June 2023 – Matching 3.7.0 (17 June 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Architecture	Platform	Cross	Matching 3.7.0	00058910		MCHFW-1819	Issue	Issue - 'Force Match' action on a message of archived trade is causing bad event into Matching engine requesting a restart. Impact Analysis - Force Match action is handled correctly, and message is moved to Matched queue. Also, the trade to be archived successfully.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.7.0	00064261		MCHFW-1829	Issue	Issue - Matching Alias is deleted after an update. Upon removing/adding one legal entity from/to the Matching Alias respectively and authorizing the change, on reloading the Matching Aliases, it is observed that the updated Alias disappeared. Impact Analysis - Reloading of Matching Alias window displays the Alias config with the changes done (Removing/Adding LE).
			Matching 3.7.0		APL-4329, APL-5387, APL-5268, APL-4319	MCHFW-1813	Sec	Issue - Sec - Third party libraries upgrade for Matchingframework: Spring from 5.3.19 to 5.3.24 and Dozer from 6.5.0 to 6.5.2.
			Matching 3.7.0			MCHFW-1799	Issue	Issue - In Matching Context, the "Save Changes" Popup appears every time when selecting another context, even if no changes are made on the context. This should be displayed only when a change has been made. Impact Analysis - "Save Changes" popup does not appear while selecting any context.

2.46   July 2023 – Matching 3.8.0, 3.9.0 (17 July 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.8.0	00060988		MCHFW-1843	Issue	Issue - Key.CounterParty is not populated correctly in MatchingManager in case of incoming pacs.009/pacs.008/pacs.004 Target2 messages. Impact Analysis - A new Matching key name 'Debtor' is created for a transfer. This key is of

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								type "Role" and returns the same value as the key 'CounterParty'.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.8.0	00067528		MCHFW-1840	Issue	Issue - When any change is made on the Matching context and applied, changes are saved, but object does not appear in the Data authorization window for authorization which shows that Matching context is not available for Data authorization mode. Impact Analysis - For a change made on the Matching context, the object appears in the Data authorization window for authorization.
			Matching 3.9.0			MCHFW-1833	Enh	Issue - Matching Manager: To support enhancement with side-by-side view for trade confirmation of incoming and outgoing MT messages. Impact Analysis - Implemented side by side view while selecting 1 incoming and 1 outgoing MT messages.

2.47   August 2023 – Matching 3.9.1 (17 August 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.9.1	00070105		MCHFW-1848	Enh	Issue – When a Manual Match is performed and the match fails in the MatchingEngine, it is only visible in the logs and no warning message is thrown. Impact Analysis - A popup window is displayed to the user when the MatchingEngine was not able to perform the manual match.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Matching 3.9.1			MCHFW-1851	Enh	Issue - With different modes of adding objects for deletion and importing package, an error "delete not supported class com.calypso.tk.refdata.MatchingContext" is thrown on Matching Context window. Impact Analysis - Package is imported and single / multiple selected Matching Context is deleted from the environment as expected. For "Quick Capture", Matching Context is successfully loaded in the new environment with and without all dependencies.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.9.1	00070105		MCHFW-1855	Enh	Issue - Matching Manager loads matchable with a previous cutoff date, which impacts performance. The default one created contains a criterion on CutOff date having 0D as value. Impact Analysis - Added a warning with no CutOff criterion and an option to add it, which reduces the number of loaded matchable.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.9.1	00064168, 00072772		MCHFW-1862	Issue	Issue - With Multiple incoming messages to split and settle the transfer, the split transfers remain in unmatched status split. Only the first split transfer id goes to cancelled status and remaining split transfers remain in Unmatched status instead of cancelled. Impact Analysis - Split Transfers are in Cancelled status.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.9.1	00070105		MCHFW-1868	Enh	Issue - To change the way the matchingengine restart automatically. When an event cannot be consumed, then matchingengine has to be restarted sometimes so as to consume the event. Impact Analysis - Added a new behavior in which the matchingengine will not restart

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								anymore using an engine parameter named MATCHING_RESTART_ON_TOO_MANY_ERRORS. If not defined the value is considered FALSE and in this case the Engine would not restart.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.9.1	00070105		MCHFW-1870	Issue	Issue - Matching Manager doesn't get refreshed after matching mismatch. So, the messages that are already in matched status in BO Browser, are still present on the matching manager window in unmatched /mismatched status, Impact Analysis - Before saving a new MatchingGroup to match, it is checked if any of the matchable involved is not already matched. If already matched, then it is removed from unmatched/mismatched status.

2.48   September 2023 – Matching 3.10.0, 3.10.1 (17 September 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Matching 3.10.0		APL-6183, APL-5774	MCHFW-1873	Sec	Issue - To upgrade org.springframework:spring-expression from version 5.3.19 to version 5.3.27. Impact Analysis - Upgraded org.springframework:spring-expression from version 5.3.19 to version 5.3.27. For Back-Office, below modules are impacted: - matchingframework - swift-mt - trax

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.10.0	00076727		MCHFW-1880	Issue	Issue – Matching Context Update is not working as expected with Data Authorization Mode 'ON'. While updating any existing Matching context, a popup for required Authorization is displayed while saving, but when opening the Data Authorization window, no objects pending for authorization can be seen. Impact Analysis - Update in the existing matching context is saved when we approve the request from Data authorization window.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.10.0	00077842		MCHFW-1883	Issue	Issue – Matching manager does not load the unmatched data and gets stuck while loading the window. Impact Analysis - Matching manager loads the data.
			Matching 3.10.1			MCHFW-1889	Issue	Issue – To improve performance by not putting all the matchables that are in the logs. Impact Analysis - Resolved the same.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.10.1	00078520		MCHFW-1891	Issue	Issue – It is observed that bad event count keeps increasing due to same event processing twice on matching engine. Impact Analysis - The fix consists of a better management of all that needs to be done at the end of the processing of an event.

2.49   October 2023 – Matching 3.10.2 (17 October 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.10.2	00078896		MCHFW-1902	Issue	Issue - Static Data Filter is not identifying the CLS Messages based on the BICS. Impact Analysis - Incoming MT300 messages are identified and visible in MatchingManager.

2.50   November 2023 – Matching 3.10.3 (17 November 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.10.3	00082602		MCHFW-1911	Issue	Issue - Username is missing in Authorization Window when updating Matching Context. The matching context does not have username in database: table matching_context column user_name. Also, when the matching context has a username in database, it is different from the current logged user. Impact Analysis - Authorization record is available with user as "admin" for both the changes. The Username details can be seen in the Data Authorization window.
Maintenance	Performance	Cross	Matching 3.10.3	00081442		MCHFW-1908	Issue	Issue - To optimize the code to not generate the PDF which is not being used for the Matchable creation. Impact Analysis - PDF documents are not generated while creating the Matchable data.

2.51 December 2023 – Matching 3.10.4 (17 December 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Matching 3.10.4		APL-7716, APL-7737	MCHFW-1940	Sec	Issue - To upgrade org.apache.activemq:activemq-client from version 5.16.6 to 5.16.7. Impact Analysis - Upgraded org.apache.activemq:activemq-client from version 5.16.6 to 5.16.7. For Back-Office, below modules are impacted: - matchingframework

2.52 December 2023 – Matching 3.10.5

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Nostro Management	Cross	Matching 3.10.5	00089184		MCHFW-1935	Issue	Issue - While trying to create a simple transfer from matching manager using "Match with Creation" a Nullpointer exception "Cannot Build Value for Key ProcessingOrg", is observed and the trade is not created. Impact Analysis - Local Impact - No NPE is thrown while creating simple transfer through "Match with Creation".

2.53   March 2024 – Matching 3.11.0 (17 March 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.11.0	00089682		MCHFW-1949	Issue	Issue - Two SQL queries are generated for each MatchingManger report loading. Impact Analysis - Local Impact - Calypso runs only one query for each load in the matching manager report.
Environment Management	Configuration Management	Cross	Matching 3.11.0	00080407		MCHFW-1953	Issue	Issue - With a MatchingContext instance have propagationname to UTI, while importing UTITranslator is empty and an exception is generated, thus unable to import Matching context (MT300) from config workbench. Impact Analysis - Local Impact - Selected Matching Context is imported to another database without any error specifically with propagation name to UTI.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.11.0	00093205	APL-8433, APL-8194, APL-8857	MCHFW-1963	Enh	Issue - To add UETR as matching key to incoming camt.054, camt.053 messages and to the outgoing transfer. Impact Analysis - The matching key UETR has been added for camt.054 and camt.053 messages, as well as the UETR message keyword. It can be matched against the UETR transfer attribute.

2.54 April 2024 – Matching 3.11.1, 3.11.2 (17 April 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Architecture	Platform	Cross	Matching 3.11.1	00101548		MCHFW-1969	Issue	Issue - During matching manager load, an NPE (Null Pointer Exception) is observed. Impact Analysis – Local Impact - Incoming messages are AUTO matched with outgoing message and no NPE is thrown.
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.11.2	00108082		MCHFW-1977	Enh	Issue - To propagate GlobalUTIIssuer in MT3nn and MT6nn messages as per EMIR Refit changes. Impact Analysis - Propagated the UTI Issuer as per below logic: - If domain name = GlobalUTI, value = ESMA, comment = true, then propagate the tag 22M (related to the UTI issuer) to the tradekeyword that is under MapTo of the Name GlobalUTI/Issuer in Reporting Attribute window. - If domain name = GlobalUTI, value = ESMA, comment = false, then propagate the tag 22M to the tradekeyword that is under MapTo of the Name UTI/Issuer in Reporting Attribute window.

2.55 May 2024 – Matching 3.11.3 (17 May 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.11.3	00098138		MCHFW-1990	Issue	Issue - In the Matching Alias window, any user can see Matching Alias of another Processing Org to which he does not have access to. However, only the Matching Alias of Processing Org which is listed in the

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								'Processing Org' field of the User Access Permission window under Users tab must be visible. Impact Analysis – Local Impact - The Matching Alias implements ProcessingOrgBased interface that now allows Data Authorization to segregate data viewing by PO.

2.56 July 2024 – Matching 3.11.4, 3.11.5 (17 July 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Architecture	Platform	Cross	Matching 3.11.4	00113221		MCHFW-2002	Enh	Issue - When a legitimate event reaches the MatchableBuilderEngine, the engine builds it and computes the keys at a very early stage which leads to consuming unnecessary resources. Impact Analysis - Optimized Matchable key building. Introduced a new option "Build Keys at Last Step" in MatchingContext that permits to delay the creation of the Matching keys. By default, it is set to true.
Post Trade Processing	Settlements	Cross	Matching 3.11.5	00112331, 00119237		MCHFW-1999	Issue	Issue - For Statement Matching, Partial Settlement doesn't move the FAILED transfer correctly when Split Amount and Failed Amount are same. Impact Analysis - Local Impact - Added partial match action to the list of match action, otherwise cache is not updated.

2.57   August 2024 – Matching 3.12.0 (17 August 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
			Matching 3.12.0		APL-10321, APL-10144	MCHFW-2009	Enh	Issue - Sec - Upgrade for Matching framework: org.springframework:spring-web from version 5.3.29 to 5.3.34.

2.58   September 2024 – Matching 3.12.1 (17 September 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.12.1	00122346		MCHFW-2017	Issue	Issue - Partial Settle UNNETTED transfers using Matching Context fail for Sell Bond as the Sell amount is not taken in correct direction. Impact Analysis - Local Impact - As Expected, transfer amount on TransferViewer is in line with Transfer including direction for both Splited Transfer.

2.59   October 2024 – Matching 3.12.2 (17 October 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
			Matching 3.12.2		APL-11493, APL-11394	MCHFW-2019	Sec	Issue - Sec - Third party libraries upgrade for Matchingframework:

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
								org.springframework:spring from 5.3.34 to 5.3.39.

2.60 November 2024 – Matching 3.12.3 (17 November 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.12.3	00135550, 00141572		MCHFW-2023	Issue	Issue - After applying UPDATE action, the matchable item for the message is also updated and the matching keys get lost. Impact Analysis - Local Impact - The matching keys do not get lost.

2.61 January 2025 – Matching 3.12.4 (17 January 25 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.12.4	00146276		MCHFW-2032	Issue	Issue - NullPointerException while processing matching events. Impact Analysis - Local Impact - On Matching manager "under Investigate" panel is visible and there is no error on Data Server and Engine server and Engineserver Alert Logs related to NullPointerException.
			Matching 3.12.4			MCHFW-2028	Issue	Issue - WRITE_OFF Transfer is not created correctly when there is NO Security Settlement but only CASH settlement.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
								Impact Analysis - Local Impact - TransferType SECURITY is generated instead of WRITE_OFF

2.62   March 2025 – Matching 3.12.5 (17 March 25 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Matching 3.12.5	00153412		MCHFW-2035	Issue	Issue - Non-numeric QR Code (QRCodeNotUsable) is preventing user to ENRICH IncomingPaperConfirmation action. After the message is imported it stays in PENDING status and "QR Code" and "Message Id" attributes get populated with the non-numeric String. "Process Issue" also lists QRCodeNotUsable. Impact Analysis - Local Impact - "ENRICHED" action is applied on Incoming confirmation message and able to see Incoming and Outgoing Message in Matching Manager.

2.63 April 2025 – Matching 3.12.6 (17 April 25 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Settlements	Cross	Matching 3.12.6	00156596		MCHFW-2038	Issue	Issue – RealCashAmount & SettleAmount are incorrect on the Transfer that are created during Match with creation and are twice of Transfer Amount. Impact Analysis - Local Impact - The amounts are displayed correctly.

Release Notes – Swift MT

3.1 August 2021 – Swift MT 1.4.35

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.4.35			SWMT-782	Issue	Issue – Buy In Indicator in MT54x tag 22F::SETR is incorrect (it should be BYIY and not BIYI). Impact Analysis – Local impact to SecuritySWIFTFormatter - Reverting SWMT-517.
Swift MT 1.4.35	00020068	ROM-5405	SWMT-753	Enh	Issue - New Tag 19A:TRTE (Termination transaction Amount) required by Euroclear in MT541 and MT543. Fix – Added Tag 19A:TRTE (Termination transaction Amount) to MT541 and MT543 – This is the NET TOTAL = Returned Principal + Accrued Interest.

3.2 August 2021 – Swift MT 1.5.0, 1.5.1 (16.1.0.85 – Sept 21 MR)

Upgrade Info

Information	Client Intervention	Component	Description
Environment Property	Optional	Swift MT	New environment property USE_SR_2021 – See issue SWMT-468 below for details.

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.1	173096		SWMT-171	Issue	Issue – The SWIFT confirmation message MT360 for a SwapNonDeliverable trade displays the settlement currency for tag 32U when it should be expressing the notional currency.

Component	HD/Case	RPM	Issue	Type	Description
					Fix – Local impact to IRDSWIFTFormatter.
Swift MT 1.5.1	185382		SWMT-330	Issue	Issue – MT527 messages getting NACKED as some tags are missing.
					Impact Analysis – Logic to find the right match for the SwiftMessageMappingConfig has been moved to the Data Server.
Swift MT 1.5.1			SWMT-468	Enh	Issue – Swift Release 2021 - Add environment property to enable Swift Release 2021 enhancements.
					Fix – Added environment property USE_SR_2021 to enable Swift Release 2021 enhancements. See "Swift Release 2021" issues for details.
Swift MT 1.5.1			SWMT-476	Issue	Issue – MT320 - Tag :14D: should be displayed as an error instead of value OTHER.
					Impact Analysis – Local impact to MT320.xml.
Swift MT 1.5.1		RPM-2618	SWMT-508	Enh	Issue – Swift Release 2021 - Payment Messages - Tags 50 & 59 Option F Limit to 2 * 33 characters for Name, Address & Country/Town.
					Fix – The domain "SWIFT.LEAddressChange" includes the MT templates for which tags 50F/59F are limited to 2 * 33 characters for Name, Address & Country/Town (MT101, MT102, MT103, MT110, MT202COV, MT205COV, MT210).
					This only applies if environment property USE_SR_2021 = true.
Swift MT 1.5.1		RPM-2618	SWMT-514	Enh	Issue – Swift Release 2021 – MT306 - Remove free format option D and B, and restructure option J.
					Fix – When there is no BIC code, use option J for tags 82, 86, 87, 53, 56, 57, 58. When there is a BIC code, use option A for these tags.
					This only applies if environment property USE_SR_2021 = true.
					Otherwise, use option D for those tags.
Swift MT 1.5.1		RPM-2618	SWMT-554	Enh	Issue – Swift Release 2021 – MT305 - Remove free format option D and B, and restructure option J.

Component	HD/Case	RPM	Issue	Type	Description
					Fix – When there is no BIC code, use option J for tags 82, 83, 87, 53, 56, 57. When there is a BIC code, use option A for these tags.
					87J:/ABIC/UKWN is replaced by 87J:/NAME/BIC code of matching system.
					This only applies if environment property USE_SR_2021 = true.
					Otherwise, use option D for those tags.
Swift MT 1.5.1			SWMT-591	Enh	Issue – Swift Release 2021 - MT305, MT306: Handle Netting case with tag 57J:/NOSI/NETS.
					Fix – Replaced D option with J option as follows:
					D:NET becomes J:/NOSI/NETS
					D:NONE becomes J:/NOSI/NONE
					D:UNKNOWN becomes J:/NOSI/UKWN
					This only applies if environment property USE_SR_2021 = true.
Swift MT 1.5.1	00008695		SWMT-602	Issue	Issue – Incorrect cash amount direction in MT541/MT543 when termination fee is added to Repo.
					Impact Analysis – Local impact to SecuritySWIFTFormatter.
Swift MT 1.5.1		RPM-2618	SWMT-607	Enh	Issue – Swift Release 2021 - MT601 - Remove free format option D and B, and restructure option J.
					Fix – When there is no BIC code, use option J for tags 82, 87, 57. When there is a BIC code, use option A for these tags.
					This only applies if environment property USE_SR_2021 = true.
					Otherwise, use option D for these tags.
Swift MT 1.5.1		RPM-2618	SWMT-616	Enh	Issue – Swift Release 2021 - MT600 - Remove free format option D and B, and restructure option J.
					Fix – When there is no BIC code, use option J for tags 82, 87, 53, 57. When there is a BIC code, use option A for these tags.
					This only applies if environment property USE_SR_2021 = true.

Component	HD/Case	RPM	Issue	Type	Description
					Otherwise, use option D for those tags.
Swift MT 1.5.1			SWMT-621	Enh	Issue – Swift Release 2021 - MT600, MT601 - Handle Netting case with tag 57J:/NOSI/NETS. Fix – Replaced D option with J option as follows: D:NET becomes J:/NOSI/NETS D:NONE becomes J:/NOSI/NONE D:UNKNOWN becomes J:/NOSI/UKWN This only applies if environment property USE_SR_2021 = true.
Swift MT 1.5.1		RPM-4357	SWMT-656	Enh	Issue – Swift Release - MT54X messages - New Code INTS under the qualifier STCO - Internalized Settlement. Fix – When counterparty attribute INTERNAL_SETTLEMENT = INTS, tag 22F contains ":STCO//INTS" in the generated MT543. This only applies if environment property USE_SR_2021 = true.
Swift MT 1.5.1		RPM-4357	SWMT-658	Enh	Issue – Swift Release 2021 - MT54X messages - New Code BPSS under the qualifier STCO - Partial Successful Buy-in. Fix – When trade keyword STCO = BPSS, tag 22F contains ":STCO//BPSS" in the generated MT541 / MT543 message. This only applies if environment property USE_SR_2021 = true.
Swift MT 1.5.1		RPM-4357	SWMT-669	Enh	Issue – MT54X messages - New Code 'NEGA' added to indicate negative deal price under the qualifier :90B::DEAL//ACTU. Fix – When the price is negative, for option A add a N before the price, for option B, replace ACTU by NEGA. This only applies if environment property USE_SR_2021 = true.
Swift MT 1.5.1			SWMT-730	Issue	Issue – Issue with Tag 50F where slash "/" is seen after City name. Impact Analysis – Local impact – Removed "/" after City Name.

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.1	00017838		SWMT-767	Issue	Issue – Simple MM - Tag 21 in MT320 shows message id of original message (NEWT) instead of previous message in case of rollover. Impact Analysis – Local impact to MT320SWIFTFormatter – Showing right message id.
Swift MT 1.5.1			SWMT-781	Issue	Issue – Buy In Indicator in MT54x tag 22F::SETR is incorrect (it should be BYIY and not BIYI). Impact Analysis – Local impact to SecuritySWIFTFormatter - Reverting SWMT-517.
Swift MT 1.5.1	00020068	RPM-5405	SWMT-785	Enh	Issue – New Tag 19A:TRTE (Termination transaction Amount) required by Euroclear in MT541 and MT543. Fix – Added Tag 19A:TRTE (Termination transaction Amount) to MT541 and MT543 – This is the NET TOTAL = Returned Principal + Accrued Interest.
Swift MT 1.5.1			SWMT-791	Issue	Issue – Technical issue - Remove MT527*CollateralSWIFTFormatter classes from Collateral module, and use the ones in the Swift MT module instead. Impact Analysis – Removed MT527*CollateralSWIFTFormatter classes from Collateral module.
Swift MT 1.5.1			SWMT-796	Issue	Issue – Technical issue - Move SwiftMessageMappingConfig uploader to Swift module.
Swift MT 1.5.1		RPM-4357	SWMT-658	Enh	Issue – Swift Release 2021 - MT54X messages - New Code INTT under the qualifier SETR - Traded Interest Change. Fix – When trade keyword SETR is set to INTT, tag 22F contains ":SETR//INTT" in the generated MT540 message. This only applies if environment property USE_SR_2021 = true.

3.3 September 2021 – Swift MT 1.5.2, 1.5.3 (16.1.0.89 – Oct 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.3	00016846	RPM-5829	SWMT-793	Enh	Issue – Change priority to fill tag 22F: SETR// for MT54x. Fix – For MT54x, tag 22F::SETR// is filled as follows when product type is MarginCall or SimpleTransfer: Set tag to Counterparty SDI attribute TypeOfSettlementIndicator in priority if available. Otherwise: Set tag to COLO when Trade keyword bookingType = "Delivery to CP" OR "Return to PO" Or set tag to COLI when Trade keyword bookingType = "Delivery to PO" OR "Return to CP" Otherwise set tag to TRAD.
Swift MT 1.5.3	00019784		SWMT-795	Issue	Issue – MT330: Wrong format in case Section E and F is used and field 72 is present. Impact Analysis – Local impact to MT330.xml - Changed the order in MT330 template so that section H is after sections E and F.
Swift MT 1.5.3	00019747	RPM-6262	SWMT-807	Enh	Issue – Triparty Collateral / JPMorgan template - Change regarding TERM message for OTCD exposure type (IM collateral). Fix – In MT527JPMorganCollateral.XML, for a TERM message with OTCD exposure: Added a LINK block in the GENL message block that references the SEME of the previous matched message.
Swift MT 1.5.3	00013058		SWMT-812	Issue	Issue – MT305 - When USE_SR_2021 = False, /ABIC/UKWN should still be allowed in tag 87J. Impact Analysis – Local impact to MT305SWIFTFORMATTER.
Swift MT 1.5.3			SWMT-818	Enh	Issue – Remove usage of apache commons-lang library from SwiftModuleUtil as it is not needed.

3.4 October 2021 – Swift MT 1.5.4 (16.1.0.94 – Nov 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.4	00020158		SWMT-815	Issue	Issue – Sender's Charges (71F) missing in outgoing MT103 Swift message in case of Manual SDIs, when Tag 71A = BEN. Impact Analysis – Local impact to SenderFeesBeneficiaryChargeIterator – Setting Tag 71F correctly.
Swift MT 1.5.4	00019462		SWMT-802	Issue	Issue - MT300 Swift confirmation is incorrectly populated with 77D = CLS for a non-CLS trade. Impact Analysis – Local impact to MT300SWIFTFormatter – Added check on CLS keyword in addition to CLS legal agreement.
Swift MT 1.5.4	00022344		SWMT-836	Issue	Issue - Tag 35B in MT518 should show CUSIP if ISIN is not populated, instead of Bond Description. Impact Analysis – Local impact to MT518 – Tag 35B shows CUSIP (if available) if ISIN is not populated, or Bond Description otherwise.
Swift MT 1.5.4	00024117 00024046		SWMT-840	Issue	Issue - Option J missing in template MT305.xml for tags 53, 56, 57 in sequence A. Impact Analysis – Local impact to MT305.xml - Added option J to 53a, 56a and 57a.

3.5 October 2021 – Swift MT 1.5.5 (16.1.0.96 – Dec 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.5	00023504		SWMT-847	Issue	Issue – Tag 19 not rounded properly in MT203/MT204. Impact Analysis – Local impact to MT203SWIFTFormatter / MT204SWIFTFormatter – Rounding per currency definition decimals.
Swift MT 1.5.5	00023386		SWMT-844	Issue	Issue - Truncation problem in tag 82J of MT305 LE Long Name contains comma.

Component	HD/Case	RPM	Issue	Type	Description
					Impact Analysis – Local impact to FXOptionSWIFTFormatter / MT600SWIFTFormatter – Fixing truncation issue.

3.6 December 2021 – Swift MT 1.5.6, 1.57 (16.1.0.96 – Dec 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.7	00019571 00014641	RPM-6386	SWMT-822	Enh	Issue – MT527BONY generation - Add new values for Tags 70E. Fix – This only applies to the MT527BONY.xml template. For repo with maturity type Evergreen, Tag 70E STTY is set to EGR. For repo with maturity type Open and trade keyword Evergreen = true, Tag 70E/STTY is set to EGR.
Swift MT 1.5.7	00019571 00014641	RPM-6386	SWMT-855	Enh	Issue – MT527BONY generation - Add new values for Tag 22H. Fix – This only applies to the MT527BONY.xml template. For triparty repo, the legal agreement attribute "Triparty Exposure Type Indicator" has been added. If set, Tag 22H contains ":COLA//<attribute value>", otherwise it contains ":COLA//REPO". If "Triparty Exposure Type Indicator" = SLEB, the following fields are not required: :19A::TRTE :92C::PRIC or 92A:PRIC :92A::RSPR :22F::MICO
Swift MT 1.5.7	00023755		SWMT-865	Issue	Issue - Grouping of NETTED 202 and UNNETTED MT202 generates MT203 with wrong settlement amount (it should not be signed, it should be the absolute value). Impact Analysis – Local impact to MT203SWIFTFormatter – Settlement amount is the absolute value.

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.7	00015423	RPM-6460	SWMT-824	Enh	Issue - MT300 and MT320 SWIFT - Tag 24D should be set to "PHON" when trade keyword DealOriginType contains "PHON" and the trade has no broker. Fix - The new logic for tag 24D is as follows: If a broker is set on the trade, Tag 24D is set to "BROK". Otherwise, it depends on the trade keyword "DealOriginType": If DealOriginType = REUTERS, Tag 24D is set to "ELEC/REUTERS D-3000". If DealOriginType is EBS, Tag 24D is set to "ELEC/EBS". If DealOriginType contains "PHON", Tag 24D is set to "PHON".

3.7 December 2021 – Swift MT 1.5.8 (16.1.0.96 – Dec 21 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.8		RPM-1384	SWMT-296	Enh	Issue – CLSNow - MT300/MT304 modification to include Tag 14E = CNOW. Fix - When trade keyword CLSNow=true, Tag 14E has been added – Message keyword SETTLEMENT_SESSION = CNOW.
Swift MT 1.5.8		RPM-1384	SWMT-296	Enh	Issue – CLSNow - MT202XferAgent modification to include Nostro Payment Prioritization Indicator and Tag21 Payment Linking. Fix - When trade keyword CLSNow=true, upon receipt of trade notification (fxtr.017) that a trade is MATCHED, a MT202XferAgent is generated with: Tag21 = Reference to original trade (Tag 20 of the trade submission) The Beneficiary BIC Code should also contain the CLSNow Account number Tag72:/CLSNOW/<RTGSCuttOffTime>

Component	HD/Case	RPM	Issue	Type	Description
					RTGSCuttOffTime is a currency attribute that represents the cut off time of the RTGS system in the format hhmm with hh in 24 hours format.
					The cutoff time for each currency should be set to 90 minutes prior to the relevant RTGS system close for payment time. The following default values are set upon upgrade:
					Currency / RTGSCuttOffTime
					USD / 2300
					CAD / 2230
					GBP / 1730
					CHF / 1530
					EUR / 1630

3.8   December 2021 – Swift MT 1.5.9

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.9	00024437	RPM-7006	SWMT-902	Enh	Issue – MT103 - Add field 77B.
					Fix – Added field "Regulatory Reporting" in Manual SDI to store Tag 77B – Format is 3x35 characters.
					Example: You can enter the following in field "Regulatory Reporting" and it will be displayed in Tag 77B:
					/GDI/ Counterparty To Beneficiary I
					THIS IS TO CERTIFY 77B UNIT COST IS
					TO BE DEFINED 457,342./3345DDDDDD

3.9 December 2021 – Swift MT 1.5.10

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.10	00021843	RPM-6728	SWMT-857	Enh	Issue – Review MT530 BuyIn indicators. Fix – Added fields Price, Quantity and Cash to CHG_DETAIL window. For BSSY buy-in, Price is required, Quantity and Cash are empty. For BSSN buy-in, Cash is optional, Price and Quantity are empty. For BSSP buy-in, Price and Quantity are required, Cash is optional. Added Tag 90A to MT530 generation – Price from CHG_DETAIL window for BSSY and BSSP buy-ins. Added Tag 36B to MT530 generation - Quantity from CHG_DETAIL window for BSSP buy-in, and transfer amount from linked transfer for BSSY buy-in.

3.10 April 2022 – Swift MT 1.5.11

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.5.11	00031715		SWMT-972	Enh	Issue – TET BONY MT527: When Exposure Type = TRCS, tag :22F::COLA/ should show the value BNYM/TRCS. Impact Analysis – The tags are displayed as 22F::COLA/BNYM/TRCS as expected.
Swift MT 1.5.11			SWMT-914	Enh	Issue – Field value of Tag :95R: is incorrectly picked up from the Receiver SDI instead of Pay SDI for CLEARSTREAM agent when RQV is Zero. Impact Analysis – In swift Tag :95R: the field value picked is CEDE/30756 which is Pay SDI identifier. Also, field value of Tag :95R: is picked up from Receiver SDI as Pay SDI for CLEARSTREAM agent when RQV is Zero.

3.11   February 2022 – Swift MT 1.6.0 (16.1 Feb 22 MR)

Important Info

The environment property USE_SR_2021 is no longer used and is true by default - See issue SWMT-877 for details.

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.6.0		RPM-6491	SWMT-869	Enh	Issue – Add Investor Nationality to Tag 95C in MT540-MT543 messages. Fix – Tag 95C::INVE is populated with message keyword INVESTOR_NATIONALITY (Processing Org ISO country code) for equities if security code "Investor Nationality Required" = Yes.
Swift MT 1.6.0			SWMT-877	Enh	Issue – Set environment property USE_SR_2021 to true by default. Fix – The environment property USE_SR_2021 is no longer used and is true by default. By default, the UTC timezone is used and without BIC code, option J is used in tags 82, 86, 87, 53, 56, 57, 58.
Swift MT 1.6.0	00027305		SWMT-932	Issue	Issue - MT360 and MT361 - Incorrect format for Tag 37N. Impact Analysis – Local impact to IRDSWIFTFormatter – Preventing empty line in Tag 37N.
Swift MT 1.6.0	00025397		SWMT-918	Enh	Issue - Add message keyword CPTY_BENE_WITH_ACCOUNT for M210 SWIFT templates. Fix – By default, Tag 52 contains message keyword CPTY_BENE_NOACCOUNT – For option A, it is the BIC code only, for Option D it is the Name / Address only. You can use the message keyword CPTY_BENE_WITH_ACCOUNT instead by adding it to the domain Swift.MT210Tag52DisplayAccount - – For option A, it is Account + BIC code, for Option D it is Account + Name / Address.
Swift MT 1.6.0	00024437	RPM-7006	SWMT-927	Enh	Issue – MT103 - Add field 77B. Fix – Added field "Regulatory Reporting" in Manual SDI to store Tag 77B – Format is 3x35 characters.

Component	HD/Case	RPM	Issue	Type	Description
					Example: You can enter the following in field "Regulatory Reporting" and it will be displayed in Tag 77B: /GDI/ Counterparty To Beneficiary I THIS IS TO CERTIFY 77B UNIT COST IS TO BE DEFINED 457,342./3345DDDDDD
Swift MT 1.6.0	00021843	RPM-6728	SWMT-928	Enh	Issue – Review MT530 BuyIn indicators. Fix – Added fields Price, Quantity and Cash to CHG_DETAIL window. For BSSY buy-in, Price is required, Quantity and Cash are empty. For BSSN buy-in, Cash is optional, Price and Quantity are empty. For BSSP buy-in, Price and Quantity are required, Cash is optional. Added Tag 90A to MT530 generation – Price from CHG_DETAIL window for BSSY and BSSP buy-ins. Added Tag 36B to MT530 generation - Quantity from CHG_DETAIL window for BSSP buy-in, and transfer amount from linked transfer for BSSY buy-in.

3.12   March 2022 – Swift MT 1.6.1

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.6.1	00023261	RPM-6491	SWMT-874	Issue	Issue – Tag 30 is incorrect in swift confirmation MT306 on FX Option Digital. Impact Analysis – Local impact to FXOptionSWIFTFormatter – When spot days is negative, populating Tag 30 with option F and settle date.
Swift MT 1.6.1	00029264		SWMT-948	Issue	Issue - Cannot open MT202 Swift Message. Impact Analysis – Local impact to MT202XferAgentSWIFTFormatter – Adding check for null trade.

3.13   March 2022 – Swift MT 1.6.2

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.6.2	00030385		SWMT-961	Issue	Issue – TET BONY MT527: When Exposure Type = TRCS, tag :22F::COLA/ should show the value BNYM/TRCS. Impact Analysis – Local impact to MT527 BONY messages - When Exposure Type = TRCS, tag 22F is 22F::COLA/BNYM/TRCS.
Swift MT 1.6.2	00027204 00026479		SWMT-942	Enh	Issue - Tag 32H of rolled MT320 deal is incorrect. Fix – Added domain "SWIFT.SettleAmount" that can contain the following values to determine the message keyword SETTLE_AMOUNT: PRINCIPAL_DIFFERENCE – Difference of principal amounts (default value if not set). TRANSFER_AMOUNT – Settled amount on rollover date. SWIFT_AMOUNT – If Interest Cleanup = true, use use PRINCIPAL_DIFFERENCE, otherwise use TRANSFER_AMOUNT.
Swift MT 1.6.2	00029662		SWMT-955	Issue	Issue - Swift MT360/MT361 - Tag 14C not populated. Impact Analysis – Tag 14C (message keyword YEAR_DEFINITIONS) is populated using legal agreement attribute VERSION if present, else legal agreement attribute ISDA_VERSION, else legal agreement attribute DEFAULT_ISDA_VERSION which is hardcoded to 1998.

3.14   April 2022 – Swift MT 1.7.0

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.7.0	00030385		SWMT-961	Issue	Issue – TET BONY MT527: When Exposure Type = TRCS, tag :22F::COLA/ should show the value BNYM/TRCS. Impact Analysis – Local impact to MT527 BONY messages - When Exposure Type = TRCS, tag 22F is 22F::COLA/BNYM/TRCS.

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.7.0	00023058	RPM-9678	SWMT-953	Enh	Issue - Enhancement to tag 94B for MT54x and CTM messages when account owner sends a SecuritiesStatementQuery to an account servicer to request any existing securities statement. Impact Analysis - Introducing new trade keywords to handle tag 94B in MT54x messages and CTM messages: PlaceCode – Enter OTCO or EXCH PlaceNarrative – Enter a free text Tag 94B is set to: TRAD//<PlaceCode>//<PlaceNarrative> CTM / Place Code = <PlaceCode> CTM / Place Narrative = <PlaceNarrative> If the trade keywords PlaceCode an PlaceNarrative are empty: Tag 94B is set to: TRAD//EXCH//<MIC Code> if a MIC Code is set on the exchange attributes, or: TRAD//OTCO otherwise. No tag for CTM in this case.

3.15   June 2022 – Swift MT 1.7.1 (16.1 June 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.7.1	00034204		SWMT-987	Issue	Issue - MT604 56A is wrongly used instead of 86A. Calypso generates a XAU payment message with an intermediary, MT604 with a field :56A: which is not allowed according to SWIFT. It should instead use :86A: in case of intermediary. Impact Analysis - Changed the 86A tag to display the INTERMEDIARY and removed the 56A tag.

3.16 August 2022 – Swift MT 1.8.0 (16.1 August 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.8.0		RPM-9478 RPM-10145	SWMT-989	Enh	Issue - Added a switch for Swift Release 2022 changes. Set the flag USE_SR_2022 to "True" for the following changes. Removed the code INTS from tag 22F in block SETDET in templates MT542 and MT543. Now, messages are not get generated with tag 22F as INTS. For MT 537 and MT 548: Added a new qualifier (PREL) in field 36B (Quantity of Financial Instrument). Also, added a new code PATD (Partial Differ) and PREL to qualifiers PEND and PENF in field 24B (Reason Code). Added CMIT as a part of tag 20C in the sub block of A1 of all relevant MTs where qualifier MITI (Market Infrastructure Reference) is present. Message attribute UnreleasedQuantity, Processing_Reason & CPTY_MITI are populated with expected values.

Swift MT 1.8.0	00036405		SWMT-999	Issue	Issue – ETOEquity trades are not generating Transfers/Messages when Transfer workflow rule USDerivativeOpenClose is configured.
					
					Impact Analysis - Transfers are generated as expected. The issue was inside USDerivativeOpenCloseTransferRule
					
					where we have replaced:
					
					transfer.setAttribute("22F_PROC", getOpenClosingValue(pos, oldTransfer));
					
					by
					
					transfer.setAttribute("22F_PROC", getOpenClosingValue(pos, transfer));

3.17 September 2022 – Swift MT 1.9.0 (16.1 September 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.9.0	00035526 00025169	RPM-10987 RPM-7261	SWMT-960	Enh	Issue - Cancellation of partially settled security instructions (Swift Fix) and introduction of new New Templates MT54xCANC and New template selector SecuritiesCancelation.selector. Impact Analysis - Relevant MT54x Cancel message template (MT540CANC message for Reverse REPO trade, and MT543CANC message for EQUITY Buy trade) is generated linked to original settlement instruction with the transfer attributes. Also, the template selector SecuritiesCancelation.selector selects appropriate MT54xCANC for Pay/Receive transfer and delivery type as DAP or DFP.

3.18 October 2022 – Swift MT 1.10.0 (16.1 October 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 1.10.0	00038413		SWMT-1015	Issue	Issue – While booking a trade, the field 22F (RTGS) for MT530 Message is missing when message is generated. Impact Analysis – Generated message MT530 with field 22F have value RTGS//YRTG or RTGS//NRTG. If RTGS is unchecked, then :22F::RTGS//NRTG is populated.
Swift MT 1.10.0	00040912		SWMT-1022	Issue	Issue – MT103 has null pointer exception when Trade is entered from Portal and has Role as Remitter. Impact Analysis – New Generated MT103 is opened successfully without any NPE error.
Swift MT 1.10.0	00031939	RPM-11200 RPM-10428 RPM-9206 RPM-11253	SWMT-1018	Enh	Issue – Enhancement to support tag 94B tag for Product type 'Bonds' as well. Impact Analysis – Changes made are applicable to the templates MT540, MT541, MT542 and MT543.

Component	HD/Case	RPM	Issue	Type	Description
					If Trade Keyword "PlaceCode" = OTCO and Trade Keyword "PlaceNarrative" = NULL, then Output MT54X / Tag 94 = :94B:TRAD//OTCO
					If Trade Keyword "PlaceCode" = EXCH and Trade Keyword "PlaceNarrative" = NULL, then Output MT54X / Tag 94 = :94B:TRAD//EXCH
					If Trade Keyword "PlaceCode" = OTCO and Trade Keyword "PlaceNarrative" = <TEXT>, then Output MT54X / Tag 94 = :94B:TRAD//OTCO/<text>
					If Trade Keyword "PlaceCode" = EXCH and Trade Keyword "PlaceNarrative" = <TEXT>, then Output MT54X / Tag 94 = :94B:TRAD//EXCH/<text>
					However, if tradekeywords are not available and the new product code = "PrimaryMarket", then Output = :94B:TRAD//EXCH/<MIC Cd>
Swift MT 1.10.0	00037019		SWMT-1011	Issue	Issue – Missing Information on SWIFTCONFIRM MT320. For SWIFTCONFIRM (MT320) once the trade is terminated, tags 34E, 37G & 14D are shown as blank.
					Impact Analysis – Added the missing values for Tags 34E, 37G & 14D - If no value is found for tag 34E then print trade currency and a 0 amount. If no value is found for tag 37G, then trade fixed rate, or trade spread when floating. If no value is found for tag 14D, then day count fraction of the trade.
Swift MT 1.10.0	00039216		SWMT-1009	Issue	Issue – NPE error while opening the MT940 message from the Message report.
					Impact Analysis – In MT950SWIFTFormatter.java, replaced the method getKey, CoreAPI.getId(transfer) by CoreAPI.getId(xfer) to handle NPE.

3.19   November 2022 – Swift MT 1.11.0, 1.11.1 (16.1 November 22 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.0	00031939	RPM-10428 RPM-9206	SWMT-1035	Enh	Issue - Expanding 94B tag for MT540-MT543 messages management for Product Types with Bond or an Equity as underlying product. Impact Analysis - Added functionality to look at the underlying equity / bond to get the 94B tag for MT540-MT543 security transfer templates. If the product has an underlying equity / bond and the product type is enumerated in the domain key 'Include94BforUnderlying', the 94B tag with attribute of the entity / sec code from the Bond will be generated.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.1	00042479		SWMT-1041	Issue	Issue - Unable to open MT620 SWIFT message generated for a precious metal deposit lease trade. Impact Analysis - Changed parse SETTLE_DATE in MT620SwiftFormatter to not depend on the SwiftFormatter class as the method had been changed from static to non-static.

3.20   January 2023 – Swift MT 1.11.2 (16.1 January 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.2	00038413		SWMT-1044	Issue	Issue - Missing the field value of 22F (RTGS//NRTG) for MT530 Message. Impact Analysis - Generated message MT530 contains field 22F with value RTGS//NRTG.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.2	00041926		SWMT-1049	Issue	Issue - Tag 32H of MT620 is generating incorrect data in case of termination of precious metal deposit lease trade. Impact Analysis - Changed the parse methods SETTLE_AMOUNT and CURRENCY_INTEREST. The field 32H now appears with correct USD amount.
			Swift MT 1.11.2			SWMT-1053	Enh	Issue - Set environment property USE_SR_2022 to TRUE by default. Impact Analysis - Removed the USE_SR_2022 flag from the SwiftModuleUtil class, MT542, MT543, MT542CANC and MT543CANC templates as the INTS field is removed, and environment property USE_SR_2022 is now considered true. Earlier the environment property USE_SR_2022 was FALSE by default.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.2	00038799		SWMT-1057	Enh	Issue - Generation of monthly client statement for MT535. Tag 22F::SFRE does not populate any value when we set Date Rule @End of Month on the Account Statement Frequency. Impact Analysis - Tag 22F::SFRE populates value as MNTH, as it is run Monthly.
Collateral Management	None	Cross	Swift MT 1.11.2	00047679		SWMT-1060	Issue	Issue - TAG 95R in MT527 with TERM message for EUROCLEAR Triparty Agent shows the CLEARSTREAM account, when Remaining MRG/RQV is Zero. Impact Analysis - Tag 95R in MT527 with TERM message reflects the correct SDI. If RQV = 0, then set the SDI based on previous day GRM.

3.21 February 2023 – Swift MT 1.11.3 (16.1 February 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.3	00041776	APL-1133 APL-1494	SWMT-1066	Enh	Issue - If a counterparty wants to confirm a SWIFT Confirmation via a Matching System, the Fields 87J and 83J need to be filled instead of field 87A. This works properly for a MT305 (Plain Vanilla FXO), but not for MT306 (Digital FXO). To create a logic for Matching Systems to implement with fields 87J and 83J for SWIFT MT306. Impact Analysis - Validated that the tags 83J and 87J are correctly fed as below: :87J:/NAME/BIC code of Counterparty contact type matching system :83J:/NAME/Last Name of the Counterparty contact type matching system

3.22 March 2023 – Swift MT 1.11.4 (16.1 March 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.4	00057002		SWMT-1088	Issue	Issue - While generating MT535/MT536 account statement messages, statement date does not get populated for tag 98A. Impact Analysis - Changes made for MT536 message and MT535MarginCall message. Changes made so as to not be dependent on SwiftFormatter, as the method had been changed from static to non-static and so was causing a compilation vs run-time IncompatibleClassChange error.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.4	00055673		SWMT-1084	Issue	Issue – System takes upto 8 decimal digits and rounds off the last digit to the nearest one. However, for a number with more than 8 decimals, ex., 3.829032258, tag 22C is showing rounded value of last 4 digits like CPSWT12258POSWT1 instead of CPSWT13226POSWT1. Impact Analysis - Created a common getInterestRate method in MT320SWIFTFormatter, so that the COMMON_REF and INTEREST_RATE parse methods have the same interest rate (rounding, etc.). The parse methods will only do the conversion to the respective string formats. Tag 22C shows the value CPSWT13226POSWT1 which matches the last 4 digits of tag 37G.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.4	00055339		SWMT-1079	Issue	Issue – The tag 98A in MT535 account statement ACC_SEC_POS_STATEMENT message is not generated correctly. Impact Analysis - Changed the call to parseJDate in parseSTATEMENT_DATE to SwiftUtil.getSwiftDate, as the parseJDate method in SwiftFormatter is no longer static. Tag 98A is generated with Settlement date.
			Swift MT 1.11.4			SWMT-1076	Issue	Issue – MT527 PADJ message is having wrong SCTR reference when there is a previous UNMATCHED Init Message for Collateral Triparty. Impact Analysis - If the previous INIT msg is unmatched, then the newly generated INIT msg should have the new SCTR ref.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.11.4	00041926		SWMT-1074	Issue	Issue - Tag 32H of MT620 is generating incorrect data in case of termination of precious metal deposit lease trades. When Trade Ccy is XAU and Interest Ccy is USD and termination date is after the start date, then after termination, for the field 32R the amount is coming with USD Ccy instead of XAU. Similarly, when the termination date and start date is same, then after termination for field 32R the amount is coming with USD Ccy instead of XAU and for field 34E the termination fee amount is coming instead of zero amount. Impact Analysis - Changed tag 32R (SETTLE_AMOUNT) to add the negative sign if the depositleasetype is a Lend. Changed to use the metal currency / cashflow currency for SETTLE_AMOUNT instead of the settle currency. Changed 34E/J (CURRENCY_INTEREST) to exclude the termination fee if there is no interest.

3.23   April 2023 – Swift MT 1.12.0 (16.1 April 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
			Swift MT 1.12.0		APL-859, APL-4468	SWMT-1080	Enh	Security Custody - To support generation of MT564 DVCA for Cash Dividends. Impact Analysis - Added generation of MT564 DVCA messages for Cash Dividends. Please refer Calypso Corporate Actions documentation for details.

3.24 May 2023 – Swift MT 1.13.0 (16.1 May 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
			Swift MT 1.13.0		APL-5491, APL-1072, APL-5492	SWMT-1091	Enh	Issue - To send Client Statement to Client via swift for Custody process. Impact Analysis - For Account Definition screen, when checkbox "Custody Account" is checked, a new Legal Entity field is displayed for Client Sender. This field has an option to search Legal Entities with role as "ClientSender" and set the value in this field. Also, a new statement type "Custody" is introduced that can be attached to the Account Statement configuration. Under this statement type, there would be an option to aggregate the Inventory Position on "Book/Agent/Account/SubAccount" level.
			Swift MT 1.13.0			SWMT-1107	Enh	Issue – To rename keyword CPTY_BENEFICIARY_NOACCOUNT to avoid confusion. Here, NOACCOUNT is referring to the Account Number and not to the fact that there is no account. Impact Analysis – Renamed the keyword to CPTY_BENEFICIARY_WITH_ACCOUNT. MT templates impacted: MT210Switch.xml, MT210INDEVAL.xml, MT210Grouped.xml, MT210EUROCEAR.xml and MT210.xml.

3.25   June 2023 – Swift MT 1.14.0 (16.1 June 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
			Swift MT 1.14.0		APL-5098, APL-5843	SWMT-1104	Enh	Security Custody - To support generation of MT566 DVCA for Custody clients. Impact Analysis - Added generation of MT566 DVCA messages for Cash Dividends for Custodian clients. Please refer Calypso Security Custody documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.14.0	00059400	APL-4477, APL-4516, APL-5823	SWMT-1116	Enh	Issue - Custody: To adjust Manual SDI model for Security settlement. Impact Analysis - Changes made for Security Manual SDI, SDI iterator and Core Manual SDI Screen. Please refer Calypso Security Custody documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.14.0	00055936	APL-4845, APL-5617, APL-5413	SWMT-1119	Enh	Issue - For Custody, to extend support for new fields and processes when integrating MT54X and sending MT54X. Impact Analysis - Provided extended support for new fields and updated keywords.
			Swift MT 1.14.0		APL-4499	SWMT-1127	Enh	Issue - Security Custody - Send MT548 to Clients based on transfers. Impact Analysis - Impact Analysis – Added template MT548CUST to generate MT548 messages to Clients and added template selector SecuritiesReturnCUST.selector. Depending on the transfer it will use the following templates: MT544CUST, MT545CUST, MT546CUST or MT547CUST. Please refer to the Calypso Security Custody Guide for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
Collateral Management	None	Cross	Swift MT 1.14.0	00059696		SWMT-1130	Issue	Issue - To support MT527 fields related to SDI when rqv is 0 in the linked message. Impact Analysis - Fixed the missing MT527 fields if the rqv is 0 on day 2.
Post Trade Processing	Settlements	Cross	Swift MT 1.14.0	00067679		SWMT-1142	Issue	Issue - Incase of Repo Trade with partial return action, Transfer attribute "XferCollID" is missing in transfer viewer for netted transfers which leads to incorrect value (90A.90A:DEAL//PRCT/0) in MT54X messages. Impact Analysis - Correct value is reflected in Tag 90A of MT54X Message.

3.26 August 2023 – Swift MT 1.15.0 (16.1 August 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.15.0	00065972, 00061573, 00075817	APL-6241, APL-5192, APL-5447	SWMT-1147	Enh	Issue – Updates to MT306 generation (FX Option Digital and Barrier) due to SR2023 changes.
								Impact Analysis – The following changes to MT306 generation are only enabled if domain USE_SR_2023 contains Value = true.
								- Changes to Tag 12F in sequence A – Removed values DIGI and NOTO
								- Tag 12E in sequence A- No longer mandatory depending on 12F
								- Tag 22K in sequence A – Removed value TRIG
								- Tag 17F in sequence A - No longer mandatory depending on 12F
								- Tag 30U in sequence A – Date of Trigger renamed to Barrier Events
								- Tag 77D in sequence A – Remove BRDN, BRUP, TRDN, TRUP codes
								- Tag 30X in sequence B – Expiration Date renamed to Expiration or Valuation Date
								- Tag 29E in sequence B - Expiration Location and Time renamed to Expiration or Valuation Location and Time
								- Tag 30H in sequence E - Touch Payment Date renamed to Binary Amount Payment Date
								- Tag 30g in sequence F – Removed
								- Tag 22G in sequence F – New codes for the type of Barrier

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								- Tag 29J in sequence F – Removed
								- Tag 22J in sequence G – Removed
								- Tag 37U in sequence G – Removed
								- Tag 37P in sequence G – Removed
								- Tag 14M in sequence F – Barrier Time Type defaulted to CONT
								- Tag 29O in sequence F - Continuous Time Period: Location / Start Time / End Time
								- Tag 30I in sequence F - Barrier Monitoring Period: Start Date / End Date

3.27   September 2023 – Swift MT 1.15.1 (16.1 September 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
			Swift MT 1.14.0		APL-5641, APL-5580, APL-5840	SWMT-1125	Enh	Issue - To support Swift messages for Corporate Action in a Global Custodian context with the generation of MT564 REDM (Custody Client).
								Impact Analysis - (1) If field Official CA Id is present in CA Product, then tag :20C::COAF// will be populated.
								(2) IF CA Product Additional Process Indicator does not contain REVR
								AND CA Product Function of the Message does not start with CANC nor WITH

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								AND IF at least one MT564 in a sent status is linked to the CA Trade triggering the message
								AND [Message Creation Date =< Record Date If CA Product Is Record Date Inclusive flag is set to TRUE OR
								Message Creation Date < Record Date If CA Product Is Record Date Inclusive flag is set to False]:
								then tag 23G will be populated with qualifier REPL (:23G: REPL) (3) If Processing status not available, then generate :25D::PROC//COMP
								If Message Function (tag 23G in bloc GENL or message attribute Message_Function) = REPL AND Processing Status = ENTL, then generate :25D::PROC//COMP
								If Message Function (tag 23G in bloc GENL or message attribute Message_Function)) = REPE AND Processing Status = ENTL, then generate :25D::PROC//COMP
								Else generate :25D::PROC//[value in Processing Status]
			Swift MT 1.14.0		APL-5673, APL-5687, APL-5686	SWMT-1122	Enh	Issue - To support generation of MT566 for Interest Payments (INTR+REDM) for Custody.
								Impact Analysis - Validated mandatory tags when MT566 is generated having 23G as NEWM having fixed rate for bond for CA INTR.
								(1) If Message Function is REVR, then generate bloc 16R:LINK. Else do not generate it.
								(2) If Message Function is REVR AND If a MT566 in Sent Status (i.e. Status in MT566SentStatus) linked to the trade (is

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								available, then populate tag with ""566"" i.e., 13A::LINK//566\
								(3) If Message Function is REVR AND If a MT566 in Sent Status (i.e. Status in MT566SentStatus) linked to the trade is available, then populate tag with highest Message Id of the linked MT566s i.e., 20C::PREV//XXXX
								(4) If Message Function is REVR, then generate bloc 16S:LINK. Else do not generate it.
								(5) From Account Property AccountNumber of Xfer Cash Account if available (97A::SAFE//XXXX), else AccountNumber of Xfer GL Account.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.15.1	00079018		SWMT-1166	Enh	Issue – To remove REPO block and & field 22F::SETR//REPU from MT540/541/542/543 messages as they reflect conventional Repo format instead of Islamic repo. Impact Analysis - Added 'IsIslamic' trade keyword. Changed MT540/541/542/543 to not display sequence D if the trade is an Islamic Repo. Changed 22F so that the value is SETR/TRAD if it is an Islamic Repo.

3.28   October 2023 – Swift MT 1.15.2 (16.1 October 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
			Swift MT 1.15.2		APL-5580, APL-5641, APL-5841	SWMT-1173	Enh	Issue - While generating MT564, field 92A from sections FIA (displays :92A::INTR//3,) and CADETL (displays :92A::INTR//1,) should remain unpopulated when the bond has a floating rate and should populate only for fixed rate bonds. Impact Analysis - Fix made in order to not populate any value in the field 92A for sections FIA and CADETL when the bond has a floating rate.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.15.2	00077947		SWMT-1190	Issue	Issue - While booking triparty reverse repo trades with "EVERGREEN" maturity and repo instruction matched at BNY, on terminating repo trade, MT527 term instruction from Calypso gets rejected by BNY due to mismatch on trade details. The current field 70 does not contain evergreen structure details for trades to be terminated. Field 70 should carry trade structure details from :22H::CINT//INIT MT527 message to :22H::CINT//TERM message. Also MT527 excludes :19A::TRTE Termination Transaction Amount which is optional and can lead to rejections by BONY (Bony also wants the flag OPEN to be set to Y for Evergreen repos which Calypso don't do for MT27 TERM nor MT27 INIT) Impact Analysis - Local Impact - The field 70 does contain evergreen structure details for trades to be terminated.

3.29   January 2024 – Swift MT 1.16.0, 1.17.0, 1.17.1 (16.1 January 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	Swift MT 1.16.0	00078928	APL-6227, APL-7948, APL-8049	SWMT-1196	Enh	Issue - To enable the system to automatically elect a position upon integrating MT565 instructions received from the client and generate the associated MT567. Impact Analysis - Added support for automatically processing of election instruction via Swift MT565/MT567 on custody position. Please refer to Calypso Client Custody documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.16.0	00089699		SWMT-1217	Issue	Issue - Tag 22G is not populating for FXOption Digital trade with Trigger Type DOT. Also the following error is observed in the Navigator log for this tag: TAG :22G:, value '', Field does not match format 4!c Impact Analysis - Local Impact - To fix the tag 22G, added trigger type DOT in triggerTypeMap of class FXOptionSWIFTFormatter and mapped it to DKIN.Also set the value of the switch "USE_SR_2023" to true in domain values.
			Swift MT 1.17.0		APL-7489	SWMT-1203	Enh	Issue - To support multiple sequences / outcomes (sequence E) on MT564 generated by Calypso and modify the generation of tags 13A CAON and 17B DFLT (both in Sequence E Block CAOPTN). Impact Analysis - Allow multiple sequences E in message MT564 - Earlier the MT564 Calypso template only accepts one sequence E CAOPTN. In the GUI this is reflected by the multiple options and the

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								system adds an additional CA product Id for each additional option available on the event and then link it to the Main CA Id (through the DB table product_ca_association). Now, when generating the MT564 for a given CA ID, system checks if there are multiple outcomes linked to the CA Product by: - Looking in database table product_ca_association for all the lines, where FIRST_CA_ID equals main CA Product ID . For each line obtained, to create a new sequence E CAOPTN in the MT564 document that will be generated with the date from the CA Product Id contained in column SECOND_CA_ID. Tag 13A CAON - This tag is earlier being hardcoded to 001 in the MT564 outgoing template in the SwiftField name "Corporate Action Option Number". Now, populating this tag in block CAOPTN with the value contained in the Option Reference field of the CA Id being processed in the database which can be found in column CODE_VALUE = 001 of the DB table product_sec_code when column SEC_CODE = OutcomeReference. Tag :17B::DFLT - Only one option can be the default, one which is flagged in Calypso. The default option tag is set as :17B::DFLT//Y (on the other sequences E CAOPTN in the message the flag is set as :17B::DFLT//N). Now, For each sequence E CAOPTN in the message (i.e. one per each CA Id of the Event), set tag :17B of Sequence E Block CAOPTN to:

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								- "Y" if Is Default Option for the CA Id of the sequence being added
								- "N" if unchecked
								Default option can be found in table product_ca_association by looking for the lines with column SECOND_CA_ID = CA Id of the sequence being added:
								- If ASSOCIATION_TYPE for the lines found = "DefaultOutcome" then CA Id is the default option so tag will be "Y"
								- Else tag will be "N".
			Swift MT 1.17.0		APL-7584, APL-8280	SWMT-1206	Enh	Issue - While generating MT564, to review tag :92A::NWFC and add tag :92A::INDX.
								Impact Analysis - Tag :92A::NWFC in bloc 16R:FIA is only generated for BondAssetBacked and contains Next Factor as of Record Date. Tag :92A::INDX is generated in bloc 16R:CADETL only for Interest events on Inflation Linked Bonds and should return Index Level corresponding to Record Date. Please refer to Calypso Client Custody documentation for details.
			Swift MT 1.17.0		APL-7672, APL-8280	SWMT-1214	Enh	Issue - To support generation of MT564 for mandatory events _ SPLF / SOFF / RHDI for Custody Clients.
								Impact Analysis –
								Logic adjusted to correctly support dedicated tags (e.g. for RHDIs >> Intermediate securities distribution type: subscription rights - :22F::RHDI//EXRI;
								Expiration date - :98A::EXPI//20XXYYZZ; Period where rights are tradable

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								- :69A::TRDP//20XXYYZZ/20XXYYZZ; for SOFFs >> Disposition of Fractions Indicator :22F::DISF//RDDN, etc.), display correct direction indicator (Debit/Credit), calculate correct entitlement, populate two security movements within same option (for SPLFs), etc. Please refer to Calypso Client Custody documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.17.0	00081970	APL-7671, APL-7513, APL-8002	SWMT-1223	Enh	Issue - To support the generation of MT564 for voluntary events _ TEND / EXRI for Custody Clients. Impact Analysis – Logic adjusted to correctly support dedicated tags (e.g. for TENDs >> Percentage of outstanding shares sought - :92A::PTSC//100; Period of Action - :69A::PWAL//; Revocability Period - :69A::REVO//; for EXRIs >> Subscription date - :98A::SUBS//; etc.), bring all event options, all security and cash movements with correct directions and stock/cash entitlement calculations.
			Swift MT 1.17.0		APL-7839, APL-8117, APL-8280	SWMT-1230	Enh	Issue - To create MT568 template to support generation for custody clients. Impact Analysis - MT568 is a complement of information on MT564 and inherits the MT564 characteristics and will be triggered by the CA trade. An adjustment on the generated tags is performed to support tag 70a for qualifiers ADTX and TXNR. Qualifier ADTX has content :4!c//10*35x or :4!c//8000z. From CA Product, if additional

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								text is available then populate, else do not populate.
								Qualifier TXNR has content :4!c//10*35x or :4!c//8000z. From CA Product, if narrative version is available then populate,
								else do not populate.
								Please refer to Calypso Client Custody documentation for details.
			Swift MT 1.17.0		APL-7934, APL-8280	SWMT-1234	Enh	Issue – To support CA Voluntary events, Generate reminders for MT564 RMDR. Impact Analysis – Adjusted logic for the tag 23G with content 4!c[/4!c]. Please refer to Calypso Client Custody documentation for details.
		Cross	Swift MT 1.17.1	00086518		SWMT-1262	Issue	Issue – On Portal trade, an issue is observed with field 59 in MT103, fix trade and settle date. It does not have any line break for manual SDI. Impact Analysis – With the fix, it is made sure that when the tag 59 is generated (without any letter) and follows [/34x\n]4*35x format. Now, the tag 59 for MT103 will have a line break, similar to the case for Tag59F when Environment Property SR_2020=false and USE_OPTION_59F=false.

3.30   February 2024 – Swift MT 1.17.2

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.17.2	00089700		SWMT-1276	Issue	Issue - If a Digital FXOption is trigger-out/knock-out, field 30H is missing from the generated MT306 therefore the message gets NACKED. Impact Analysis - Local Impact - Made changes in method parseTOUCH_PAYMENT_DATE of class FXOptionSWIFTFormatter such that if 22K=KNIN or KNOT, it is mandatory to populate 30H. Tag 30H is populated as below: If Payout Type = Expiry, then field 30H = Delivery Date If Payout Type = Instant, then field 30H = Valuation Spot Date (calculated based on the barrier event date)

3.31   August 2024 – Swift MT 1.17.3, 1.18.0

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
			Swift MT 1.17.3		APL-7672, APL-8280	SWMT-1214	Enh	Issue - To support generation of MT564 for mandatory events _ SPLF / SOFF / RHDI for Custody Clients. Impact Analysis – Logic adjusted to correctly support dedicated tags (e.g. for RHDIs >> Intermediate securities distribution type: subscription rights - :22F::RHDI//EXRI; Expiration date - :98A::EXPI//20XXYYZZ; Period where rights are tradable

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								- :69A::TRDP//20XXYYZZ/20XXYYZZ; for SOFFs >> Disposition of Fractions Indicator :22F::DISF//RDDN, etc.), display correct direction indicator (Debit/Credit), calculate correct entitlement, populate two security movements within same option (for SPLFs), etc._ Please refer to Calypso Client Custody documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.17.3	00081970	APL-7671, APL-7513, APL-8002	SWMT-1223	Enh	Issue - To support the generation of MT564 for voluntary events _ TEND / EXRI for Custody Clients. Impact Analysis – Logic adjusted to correctly support dedicated tags (e.g. for TENDs >> Percentage of outstanding shares sought - :92A::PTSC//100; Period of Action - :69A::PWAL//; Revocability Period - :69A::REVO//; for EXRIs >> Subscription date - :98A::SUBS//; etc.), bring all event options, all security and cash movements with correct directions and stock/cash entitlement calculations.
			Swift MT 1.17.3		APL-7839, APL-8117, APL-8280	SWMT-1230	Enh	Issue - To create MT568 template to support generation for custody clients. Impact Analysis - MT568 is a complement of information on MT564 and inherits the MT564 characteristics and will be triggered by the CA trade. An adjustment on the generated tags is performed to support tag 70a for qualifiers ADTX and TXNR. Qualifier ADTX has content :4!c//10*35x or :4!c//8000z. From CA Product, if additional text is available then populate, else do not populate.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								Qualifier TXNR has content :4!c//10*35x or :4!c//8000z. From CA Product, if narrative version is available then populate,
								else do not populate.
								Please refer to Calypso Client Custody documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.17.3	00102271		SWMT-1291	Issue	Issue - MT304CLSNonMemberPO message template does not populate 17O and 17N when 94A=AFWD. Impact Analysis – Local Impact - Added fields 17O and 17N in sequence 15A of template MT304CLSNonMemberPO.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.17.3	00097176		SWMT-1292	Enh	Issue - To remove the USE_SR_2023 domain value dependency from client's database, as when USE_SR_2023 = True and execute SQL is performed, then duplicate value is displayed for the domain USE_SR_2023 i.e., it shows both False and True. Impact Analysis - Local Impact – Created SQL file and called it in module-upgrade-swift-mt-core.mxml.template. Removed the "USE_SR_2023" domain value dependency from the template and formatter classes. Also removed unused parse methods from the classes FXOptionSWIFTFormatter and MT306SWIFTFormatter.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	Swift MT 1.17.3	00061217	APL-7489, APL-5460	SWMT-1303	Enh	Issue - For outgoing MT564, to revert condition on tag 19B ENTL. Currently the condition logic depends on the keyword CASourceQuantity and if keyword is not available then from CA Trade Settlement Amount. Impact Analysis - The ENTL is now mapped against CA Trade Settlement Amount.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 1.17.3	00116414		SWMT-1341	Issue	Issue - In the Warrant/Certificate definition window, when the product basket is not present in the system with the ISIN specified, then Price Type is not considered and thus MT54x message 36B tag is populated with UNIT instead of FAMT. Impact Analysis – Local Impact – Tag 36B is displayed as per the Price Type.
			Swift MT 1.18.0		APL-9268, APL-10120	SWMT-1351	Enh	Issue - MT306 implementation in tag 12F as per SR2024_CR 002023 for "Asian" FX Option. Impact Analysis - Amendments made in existing fields for tag 12F within sequence A. Replaced keyword AVRO with AVSS from 12F and also impact on the sequence J (J1 is mandatory when 12F=AVSS). - Also made changes in tag 29a - E: (Location) (Time) and W: (Source Code) - Changed tag 30M to tag 30I and changed name to Settlement Rate Averaging Period. - For tag 32B: Name changed to Put Currency and Amount or Party A Sold Currency and Amount. - For tag 36: Name changed to Strike Price or Forward Rate. - For tag 33B: Name changed to Call Currency and Amount or Party A Bought Currency and

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM / APL	Issue	Type	Description
								Amount. - Changed tag 30N to tag 30K and changed name to Forward Rate or Strike Price Averaging Period. - For tags 19Y and 19Z: Name changed to Weight. - Matching key "Decimal Places" (corresponding to tag 16C in block J is removed from matching manager and corresponding matchable objects are created and matching fields are displayed in Matching manager.

3.32   March 2022 – Swift MT 2.2.1 (17 April 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 2.2.1	00029264		SWMT-952	Issue	Issue – Unable to open MT202 Swift Message in GUI– Failing with NullPointerexception Impact Analysis – Local Impact to MT202XferAgentSWIFTFormatter. The message is linked to netted transfers with no trade ID.
Swift MT 2.2.1			SWMT-956	Issue	Issue – SWIFT MT360/MT361 w/TAG 14c is not populated. Impact Analysis – Local Impact to MT360SWIFTFormatter. SWIFT messages MT360/MT361 TAG 14C & TAG 77H (Type, Date, Version of the Agreement) are populated correctly.
Swift MT 2.2.1	00023261		SWMT-873	Issue	Issue – Calypso does not generate a correct swift confirmation MT306 on FX Option Digital. Impact Analysis – Local Impact to FXOptionSWIFTFormatter.

Component	HD/Case	RPM	Issue	Type	Description
					In case of (Payout = Instant and style is not European) only AND currency pair spot days is negative, instead of printing option J "ERR", we use option F and print the FxOption settle date.
Swift MT 2.2.1	00027204 00026479		SWMT-940	Enh	Issue – Tag 32H of rolled MT320 deal is incorrect. Impact Analysis – Added domain "SWIFT.SettleAmount" that can contain the following values to determine the message keyword SETTLE_AMOUNT: PRINCIPAL_DIFFERENCE – Difference of principal amounts (default value if not set). TRANSFER_AMOUNT – Settled amount on rollover date. SWIFT_AMOUNT – If Interest Cleanup = true, use PRINCIPAL_DIFFERENCE, otherwise use TRANSFER_AMOUNT.

3.33   April 2022 – Swift MT 2.3.0

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 2.3.0			SWMT-977	Enh	Issue – TET BONY MT527: When Exposure Type = TRCS, tag :22F::COLA/ should show the value BNYM/TRCS. Impact Analysis – Local impact to MT527 BONY messages - When Exposure Type = TRCS, tag 22F is 22F::COLA/BNYM/TRCS.
Swift MT 2.3.0		RPM-9206 RPM-6712	SWMT-971	Enh	Issue - Enhancement to tag 94B for MT54x and CTM messages when account owner sends a SecuritiesStatementQuery to an account servicer to request any existing securities statement. Impact Analysis - Introducing new trade keywords to handle tag 94B in MT54x messages and CTM messages: PlaceCode – Enter OTCO or EXCH PlaceNarrative – Enter a free text Tag 94B is set to: TRAD//<PlaceCode>//<PlaceNarrative>

Component	HD/Case	RPM	Issue	Type	Description
					CTM / Place Code = <PlaceCode>
					CTM / Place Narrative = <PlaceNarrative>
					If the trade keywords PlaceCode an PlaceNarrative are empty:
					Tag 94B is set to: TRAD//EXCH//<MIC Code> if a MIC Code is set on the exchange attributes, or: TRAD//OTCO otherwise.
					No tag for CTM in this case.
Swift MT 2.3.0		RPM-7261	SWMT-959	Enh	Issue - Cancellation of partially settled instructions (Swift Fix). Impact Analysis – Relevant Cancel message generated with the transfer attributes for Reverse REPO trade and EQUITY Buy trade.

3.34   June 2022 – Swift MT 2.4.0 (17 June 22 MR)

Component	Case	RPM	Issue	Type	Description
Swift MT 2.4.0		RPM-10034 RPM-7109 RPM-7754	SWMT-983	Sec	Issue – Security - Upgrade hibernate libraries from version 5.4.29.Final to version 5.6.0.Final. Impact Analysis - Generated templates MT540, MT541, MT542 or MT543 while using the keyword MESSAGE_OPEN_ID or the keyword MESSAGE_RETURN_ID.

3.35   July 2022 – Swift MT 2.4.1 (17 July 22 MR)

Component	Case	RPM	Issue	Type	Description
Swift MT 2.4.1	00034204		SWMT-988	Issue	Issue - MT604 56A is wrongly used instead of 86A. Calypso generates a XAU payment message with an intermediary, MT604 with a field :56A: which is not allowed according to SWIFT. It should instead use :86A: in case of intermediary.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis - Changed the 86A tag to display the INTERMEDIARY and removed the 56A tag.
Swift MT 2.4.1		RPM-10145	SWMT-979	Enh	Issue - SWIFT Release 2022 V17- Securities settlement. Impact Analysis - Added a switch for SR_2022 changes. Set the flag to true for SR_2022 changes. Deleted the tag 22F INTS for MT542 and MT543.

3.36 September 2022 – Swift MT 2.5.0 (17 September 22 MR)

Component	Case	RPM	Issue	Type	Description
Swift MT 2.5.0		RPM-10145	SWMT-979	Enh	Issue - Added a switch for Swift Release 2022 changes. Set the flag USE_SR_2022 to "True" for the following changes. Removed the code INTS from tag 22F in block SETDET in templates MT542 and MT543. Now, messages are not get generated with tag 22F as INTS. For MT 537 and MT 548: Added a new qualifier (PREL) in field 36B (Quantity of Financial Instrument). Also, added a new code PATD (Partial Differ) and PREL to qualifiers PEND and PENF in field 24B (Reason Code). Added CMIT as a part of tag 20C in the sub block of A1 of all relevant MTs where qualifier MITI (Market Infrastructure Reference) is present. Message attribute UnreleasedQuantity, Processing_Reason & CPTY_MITI are populated with expected values.
Swift MT 2.5.0	00036405		SWMT-998	Issue	Issue – ETO Equity trades do not generate Transfers/Messages when Transfer workflow rule USDerivativeOpenClose is configured.

Component	Case	RPM	Issue	Type	Description
					Impact Analysis - Transfers and messages are generated as expected. The argument is changed to pass transfer to get OpenClosingValue instead of OldTransfer. Which means transfer.setAttribute("22F_PROC", getOpenClosingValue(pos, oldTransfer)); is replaced by transfer.setAttribute("22F_PROC", getOpenClosingValue(pos, transfer));

3.37   November 2022 – Swift MT 2.6.0 (17 November 22 MR)

Component	HD/Case	RPM	Issue	Type	Description
Swift MT 2.6.0	00038413		SWMT-1014	Issue	Issue – While booking a trade, the field 22F (RTGS) for MT530 Message is missing when message is generated. Impact Analysis – Generated message MT530 with field 22F have value RTGS//YRTG or RTGS//NRTG. If RTGS is unchecked, then :22F::RTGS//NRTG is populated.
Swift MT 2.6.0	00040912		SWMT-1021	Issue	Issue – MT103 has null pointer exception when Trade is entered from Portal and has Role as Remitter. Impact Analysis – New Generated MT103 is opened successfully without any NPE error.
Swift MT 2.6.0	00031939	RPM-10428 RPM-11200 RPM-9206 RPM-11253	SWMT-1002	Enh	Issue – Enhancement to support tag 94B tag for Product type 'Bonds' as well. Impact Analysis – Changes made are applicable to the templates MT540, MT541, MT542 and MT543. If Trade Keyword "PlaceCode" = OTCO and Trade Keyword "PlaceNarrative" = NULL, then Output MT54X / Tag 94 = :94B:TRAD//OTCO

Component	HD/Case	RPM	Issue	Type	Description
					If Trade Keyword "PlaceCode" = EXCH and Trade Keyword "PlaceNarrative" = NULL, then Output MT54X / Tag 94 = :94B:TRAD//EXCH
					If Trade Keyword "PlaceCode" = OTCO and Trade Keyword "PlaceNarrative" = <TEXT>, then Output MT54X / Tag 94 = :94B:TRAD//OTCO/<text>
					If Trade Keyword "PlaceCode" = EXCH and Trade Keyword "PlaceNarrative" = <TEXT>, then Output MT54X / Tag 94 = :94B:TRAD//EXCH/<text>
					However, if tradekeywords are not available and the new product code = "PrimaryMarket", then Output = :94B:TRAD//EXCH/<MIC Cd>
Swift MT 2.6.0	00037019		SWMT-1012	Issue	Issue – Missing Information on SWIFTCONFIRM MT320. For SWIFTCONFIRM (MT320) once the trade is terminated, tags 34E, 37G & 14D are shown as blank.
					Impact Analysis – Added the missing values for Tags 34E, 37G & 14D - If no value is found for tag 34E then print trade currency and a 0 amount. If no value is found for tag 37G, then trade fixed rate, or trade spread when floating. If no value is found for tag 14D, then day count fraction of the trade.
Swift MT 2.6.0	00039216		SWMT-1008	Issue	Issue – NPE error while opening the MT940 message from the Message report.
					Impact Analysis – In MT950SWIFTFormatter.java, replaced the method getKey, CoreAPI.getId(transfer) by CoreAPI.getId(xfer) to handle NPE.
Swift MT 2.6.0		RPM-10048	SWMT-995	Enh	Issue – To support BOM in build.gradle.
					Impact Analysis – Merged branch 'FEATURE-GRADLE-BOM' to support back-office messaging templates and updated third party libraries in an easier and more consistent way.

3.38   December 2022 – Swift MT 2.6.1 (17 December 22 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.6.1	00042479		SWMT-1040	Issue	Issue - Unable to open MT620 SWIFT message generated for a precious metal deposit lease trade. Impact Analysis - Changed parse SETTLE_DATE in MT620SwiftFormatter to not depend on the SwiftFormatter class as the method had been changed from static to non-static.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.6.1	00031939	RPM-10428 RPM-9206	SWMT-1034	Enh	Issue - Expanding 94B tag for MT540-MT543 messages management for Product Types with Bond or an Equity as underlying product. Impact Analysis - Added functionality to look at the underlying equity / bond to get the 94B tag for MT540-MT543 security transfer templates. If the product has an underlying equity / bond and the product type is enumerated in the domain key 'Include94BforUnderlying', the 94B tag with attribute of the entity / sec code from the Bond will be generated.
			Swift MT 2.6.1			SWMT-1026	Enh	Issue - SECL/SECB not provided in SETR tag in SWIFT MT54x. Missing Values for Tag 22F::SETR/: in MT54x message for Sec lending and borrowing. Tag 22F currently displays ':22F::SETR//TRAD'. Impact Analysis - Changed SETR (22F) tag to get the indicator value for SecLending product for Data Source Schemes other than IBRC. If the DSS on the Agent is listed in the domain value SWIFT-SecLendingSETR_TRAD, the indicator value is OWNE/SECL/SECB. The default indicator value is TRAD.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Tag 22F in MT 54x displays appropriate trade direction as below: ProductType=SecLending / Direction=Lending / Loan Type <> Fee Unsecured, Value = //SECL. ProductType=SecLending / Direction=Borrowing / Loan Type <> Fee Unsecured, Value = //SECB.

3.39   February 2023 – Swift MT 2.6.2 (17 February 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Collateral Management	None	Cross	Swift MT 2.6.2	00047679		SWMT-1059	Issue	Issue - TAG 95R in MT527 with TERM message for EUROCLEAR Triparty Agent shows the CLEARSTREAM account, when Remaining MRG/RQV is Zero. Impact Analysis - Tag 95R in MT527 with TERM message reflects the correct SDI. If RQV = 0, then set the SDI based on previous day GRM.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.6.2	00038799		SWMT-1056	Enh	Issue - Generation of monthly client statement for MT535. Tag 22F::SFRE does not populate any value when we set Date Rule @End of Month on the Account Statement Frequency. Impact Analysis - Tag 22F::SFRE populates value as MNTH, as it is run Monthly.
			Swift MT 2.6.2			SWMT-1052	Enh	Issue - Set environment property USE_SR_2022 to TRUE by default. Impact Analysis - Removed the USE_SR_2022 flag from the SwiftModuleUtil class, MT542,

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								MT543, MT542CANC and MT543CANC templates as the INTS field is removed, and environment property USE_SR_2022 is now considered true. Earlier the environment property USE_SR_2022 was FALSE by default.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.6.2	00041926		SWMT-1048	Issue	Issue - Tag 32H of MT620 is generating incorrect data in case of termination of precious metal deposit lease trade. Impact Analysis - Changed the parse methods SETTLE_AMOUNT and CURRENCY_INTEREST. The field 32H now appears with correct USD amount.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.6.2	00038413		SWMT-1043	Issue	Issue – Missing the field value of 22F (RTGS//NRTG) for MT530 Message. Impact Analysis - Generated message MT530 contains field 22F with value RTGS//NRTG.

3.40   March 2023 – Swift MT 2.7.0, 2.7.1 (17 March 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.7.0		APL-1121 APL-1255 APL-4499	SWMT-1017	Enh	Issue - Security Custody - Send MT548 to Clients based on transfers. Impact Analysis - Impact Analysis - Added template MT548CUST to generate MT548 messages to Clients and added template selector SecuritiesReturnCUST.selector. Depending on the transfer it will use the following templates: MT544CUST, MT545CUST, MT546CUST or MT547CUST.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Please refer to the Calypso Security Custody Guide for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.7.0	00041776	APL-1133 APL-1494	SWMT-1051	Enh	Issue - If a counterparty wants to confirm a SWIFT Confirmation via a Matching System, the Fields 87J and 83J need to be filled instead of field 87A. This works properly for a MT305 (Plain Vanilla FXO), but not for MT306 (Digital FXO). To create a logic for Matching Systems to implement with fields 87J and 83J for SWIFT MT306. Impact Analysis - Validated that the tags 83J and 87J are correctly fed as below: :87J:/NAME/BIC code of Counterparty contact type matching system :83J:/NAME/Last Name of the Counterparty contact type matching system
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.7.1	00041926		SWMT-1073	Issue	Issue - Tag 32H of MT620 is generating incorrect data in case of termination of precious metal deposit lease trades. When Trade Ccy is XAU and Interest Ccy is USD and termination date is after the start date, then after termination, for the field 32R the amount is coming with USD Ccy instead of XAU. Similarly, when the termination date and start date is same, then after termination for field 32R the amount is coming with USD Ccy instead of XAU and for field 34E the termination fee amount is coming instead of zero amount. Impact Analysis - Changed tag 32R (SETTLE_AMOUNT) to add the negative sign if the depositleasetype is a Lend. Changed to

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								use the metal currency / cashflow currency for SETTLE_AMOUNT instead of the settle currency. Changed 34E/J (CURRENCY_INTEREST) to exclude the termination fee if there is no interest.

3.41   April 2023 – Swift MT 2.8.0 (17 April 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.8.0	00057002		SWMT-1087	Issue	Issue - While generating MT535/MT536 account statement messages, statement date does not get populated for tag 98A. Impact Analysis - Changes made for MT536 message and MT535MarginCall message. Changes made so as to not be dependent on SwiftFormatter, as the method had been changed from static to non-static and so was causing a compilation vs run-time IncompatibleClassChange error.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.8.0	00055673		SWMT-1083	Issue	Issue – System takes upto 8 decimal digits and rounds off the last digit to the nearest one. However, for a number with more than 8 decimals, ex., 3.829032258, tag 22C is showing rounded value of last 4 digits like CPSWT12258POSWT1 instead of CPSWT13226POSWT1. Impact Analysis – Created a common getInterestRate method in MT320SWIFTFormatter, so that the COMMON_REF and INTEREST_RATE parse methods have the same interest rate (rounding, etc.). The parse methods will only do the conversion to the respective string formats. Tag 22C shows the value CPSWT13226POSWT1 which matches the last 4 digits of tag 37G.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.8.0	00055339		SWMT-1078	Issue	Issue – The tag 98A in MT535 account statement ACC_SEC_POS_STATEMENT message is not generated correctly. Impact Analysis – Changed the call to parseJDate in parseSTATEMENT_DATE to SwiftUtil.getSwiftDate, as the parseJDate method in SwiftFormatter is no longer static. Tag 98A is generated with Settlement date.
			Swift MT 2.8.0			SWMT-1075	Issue	Issue – MT527 PADJ message is having wrong SCTR reference when there is a previous UNMATCHED Init Message for Collateral Triparty. Impact Analysis – If the previous INIT msg is unmatched, then the newly generated INIT msg should have the new SCTR ref.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.8.0	00053209		SWMT-1085	Issue	Issue - For Precious Metal Deal, tag 77H in MT600 populates CLS LA details instead of ISDA LA details for non CLS (FX Spot) trade. Impact Analysis - Changed the AGREEMENT_INFO and TERMS_AND_CONDITIONS parse methods of MT600 to search for an ISDA master legal agreement first. If not found, then to look for the next best legal agreement. Also, the TERMS_AND_CONDITIONS parse method is over-written in MT601 with the old logic of fetching the legal agreement as MT601 is not to be affected. Tag 77H in MT600 populates ISDA LA details for non CLS trade.
					APL-859 APL-4468	SWMT-1055	Enh	Security Custody - To support generation of MT564 DVCA for Cash Dividends. Impact Analysis - Added generation of MT564 DVCA messages for Cash Dividends. Please refer Calypso Security Custody documentation for details.

3.42   May 2023 – Swift MT 2.9.0 (17 May 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.9.0		APL-1072, APL-5492, APL-5491	SWMT-1090	Enh	Issue - To send Client Statement to Client via swift for Custody process. Impact Analysis - For Account Definition screen, when checkbox "Custody Account" is checked, a new Legal Entity field is displayed for Client Sender. This field has an option to search Legal Entities with role as

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								"ClientSender" and set the value in this field. Also, a new statement type "Custody" is introduced that can be attached to the Account Statement configuration. Under this statement type, there would be an option to aggregate the Inventory Position on "Book/Agent/Account/SubAccount" level.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.9.0	00021473	APL-2331	SWMT-1062	Enh	Issue – Enhance swift trade confirmation messages for non-deliverable trades. Impact Analysis - For the non-deliverable leg of a NDF trade, the system is able to manage value NOSI/NDFS instead of NOSI/NONE for tag 57 of a MT300/304 SWIFT confirmations. A new domain value SWIFT.NOSI_NDFS drives this behavior.

3.43   June 2023 – Swift MT 2.10.0 (17 June 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.10.0	00064635		SWMT-1113	Issue	Issue – Precious Metal Deal – MT600 is showing incorrect value for tag 14C, however it should display Year of Definitions. Impact Analysis - Tag 14C value is equal to LE Agreement Version as defined.
			Swift MT 2.10.0		APL-4329, APL-5268, APL-4319	SWMT-1093	Enh	Issue – Sec – Third party libraries upgrade for Swift MT: assertj-core from 3.22.0 to 3.23.1.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.10.0			SWMT-895	Enh	Issue - Rename message keyword CPTY_BENEFICIARY_NOACCOUNT to CPTY_BENEFICIARY_WITH_ACCOUNT. Impact Analysis – Message keyword CPTY_BENEFICIARY_NOACCOUNT has been renamed CPTY_BENEFICIARY_WITH_ACCOUNT. You need to update your MT210 message templates accordingly.

3.44　July 2023 – Swift MT 2.11.0 (17 July 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.11.0		APL-5094 APL-5844	SWMT-1100	Enh	Issue - Add generation MT564 BONU messages for Custody Clients. Impact Analysis - Added generation of MT564 BONU messages. Please refer to Calypso Corporate Actions documentation for details.
			Swift MT 2.11.0		APL-5098, APL-5843	SWMT-1103	Enh	Security Custody - To support generation of MT566 DVCA for Custody clients. Impact Analysis - Added generation of MT566 DVCA messages for Cash Dividends for Custodian clients. Please refer Calypso Security Custody documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.11.0	00059400	APL-4477, APL-4516, APL-5823	SWMT-1115	Enh	Issue - Custody: To adjust Manual SDI model for Security settlement. Impact Analysis - Changes made for Security Manual SDI, SDI iterator and Core Manual SDI Screen.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								With the Classic Iterator: From CTP to PO, get the settlement route; last matching LE = PSET, previous at CTPY SDI Agent Previous Custodian, and Beneficiary= CTPY.
								With Manual Custody: PSET is PSET, AGENT is Agent ... place is fixed; on the SDI. In addition, the BIC/Identifier and Name comes directly from the SDI.
								Please refer Calypso Security Custody documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.11.0	00055936	APL-4845, APL-5617, APL-5413	SWMT-1118	Enh	Issue - For Custody, to extend support for new fields and processes when integrating MT54X and sending MT54X.
								Impact Analysis - Provided extended support for new fields and updated keywords. Changes are to support new fields when MT54X is generated/integrated.
								- In integrated MT54X: Values will be correctly populated in trade attributes.
								- In generated MT54X: Values will be correctly populated for the tags.
Collateral Management	None	Cross	Swift MT 2.11.0	00059696		SWMT-1129	Issue	Issue - To support MT527 fields related to SDI when rqv is 0 in the linked message.
								Impact Analysis - Fixed the missing MT527 fields if the rqv is 0 on day 2.
Post Trade Processing	Settlements	Cross	Swift MT 2.11.0	00067679		SWMT-1143	Issue	Issue - Incase of Repo Trade with partial return action, Transfer attribute "XferCollID" is missing in transfer viewer for netted transfers which leads to incorrect value (90A.90A:DEAL//PRCT/0) in MT54X messages.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Impact Analysis - Correct value is reflected in Tag 90A of MT54X Message.

3.45   September 2023 – Swift MT 2.12.0 (17 September 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.12.0	00065972, 00061573, 00075817	APL-6241, APL-5192, APL-5447	SWMT-1136	Enh	Issue – Updates to MT306 generation (FX Option Digital and Barrier) due to SR2023 changes. Impact Analysis – The following changes to MT306 generation are only enabled if domain USE_SR_2023 contains Value = true. - Changes to Tag 12F in sequence A – Removed values DIGI and NOTO - Tag 12E in sequence A- No longer mandatory depending on 12F - Tag 22K in sequence A – Removed value TRIG - Tag 17F in sequence A - No longer mandatory depending on 12F - Tag 30U in sequence A – Date of Trigger renamed to Barrier Events - Tag 77D in sequence A – Remove BRDN, BRUP, TRDN, TRUP codes - Tag 30X in sequence B – Expiration Date renamed to Expiration or Valuation Date

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								- Tag 29E in sequence B - Expiration Location and Time renamed to Expiration or Valuation Location and Time
								- Tag 30H in sequence E - Touch Payment Date renamed to Binary Amount Payment Date
								- Tag 30g in sequence F – Removed
								- Tag 22G in sequence F – New codes for the type of Barrier
								- Tag 29J in sequence F – Removed
								- Tag 22J in sequence G – Removed
								- Tag 37U in sequence G – Removed
								- Tag 37P in sequence G – Removed
								- Tag 14M in sequence F – Barrier Time Type defaulted to CONT
								- Tag 29O in sequence F - Continuous Time Period: Location / Start Time / End Time
								- Tag 30I in sequence F - Barrier Monitoring Period: Start Date / End Date
			Swift MT 2.12.0		APL-6183, APL-5774	SWMT-1153	Sec	Issue - To upgrade org.springframework:spring-expression from version 5.3.19 to version 5.3.27.
								Impact Analysis - Upgraded org.springframework:spring-expression from version 5.3.19 to version 5.3.27. For Back-Office, below modules are impacted:
								- matchingframework
								- swift-mt
								- trax

3.46 October 2023 – Swift MT 2.13.0 (17 October 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.13.0		APL-5530	SWMT-1168	Enh	Issue - To provide support for MT536 enhancement for Custody. Impact Analysis - Enhancement is provided for keywords RELATED_REFERENCE and REC_DEL_INFO. RELATED_REFERENCE - If Book is Custody, and transfer type 'Is Client'=true, related reference is the Trade External Reference less its radical (as per MT548), otherwise current logic applies. REC_DEL_INFO - If Book is Custody, and transfer type 'Is Client'=true, the logic is inverted: DELI becomes RECE and RECE becomes DELI. Otherwise, current logic applies.
			Swift MT 2.13.0		APL-5529	SWMT-1169	Enh	Issue - To manage and provide the place of Safekeeping on Swift, when using a global custodian or doing a cross-border/bridge and ease assignation of ProcessingOrg SDI, based on the usual place of safe keeping of the security. Impact Analysis - A new role Depository, corresponding to the Agent (the Legal Entity must be Agent) is created. The type of Depository and its identification is stored as Le.attribute CustodyPlaceCode attributes with supported values: - CUST: Local Custodian - ICSD: International Central Securities Depository

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								- NCSD: National Central Securities Depository
								- SHHE: Shares Held Elsewhere
								SDI type Both/Security Custody trades for security, and Trade types Bond, Equity, ADR, Repo, SecurityLending, SimpleTransfer type Security, Commodity are supported with the enhancement.
								Parsing is done for the field 94F as SAFE. After the code a BIC is expected and used to find a LegalEntity with role Depository. If no LegalEntity is found, the trade is still created, but a parsing error task is generated: Cannot identify Place Safe keeping LegalEntity.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.13.0	00079018		SWMT-1170	Enh	Issue – To remove REPO block and & field 22F::SETR//REPU from MT540/541/542/543 messages as they reflect conventional Repo format instead of Islamic repo.
								Impact Analysis – Added 'IsIslamic' tradekeyword. Changed MT540/541/542/543 to not display sequence D if the trade is an Islamic Repo. Changed 22F so that the value is SETR/TRAD if it is an Islamic Repo.

3.47   November 2023 – Swift MT 2.13.1 (17 November 23 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.13.1		APL-5580, APL-5641, APL-5841	SWMT-1171	Enh	Issue - While generating MT564, field 92A from sections FIA (displays :92A::INTR//3,) and CADETL (displays :92A::INTR//1,) should remain unpopulated when the bond has a floating rate and should populate only for fixed rate bonds. Impact Analysis - Fix made in order to not populate any value in the field 92A for sections FIA and CADETL when the bond has a floating rate.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.13.1	00079952, 00016846	RPM-5829	SWMT-1177	Issue	Issue - MT542 message is generated with tag 22F=TRAD when PO & CP agents are same having LE attribute IBRC & trade keyword is 'Return to PO'. Impact Analysis - MT542 message is generated with tag 22F=COLO when PO & CP agents are same having LE attr IBRC & trade keyword as 'Return to PO'. Changed the order of the check. Now first it is checked if the trade is a MarginCall and if we have a Trade keyword BookingType before the IBRC check.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.13.1	00077947		SWMT-1189	Issue	Issue - While booking triparty reverse repo trades with "EVERGREEN" maturity and repo instruction matched at BNY, on terminating repo trade, MT527 term instruction from Calypso gets rejected by BNY due to mismatch on trade details. The current field 70 does not contain evergreen structure details for trades to be terminated. Field 70 should carry trade structure details from :22H::CINT//INIT MT527 message to :22H::CINT//TERM message. Also MT527 excludes :19A::TRTE Termination Transaction Amount which is optional and can

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								lead to rejections by BONY (Bony also wants the flag OPEN to be set to Y for Evergreen repos which Calypso don't do for MT27 TERM nor MT27 INIT) Impact Analysis - Local Impact – The field 70 does contain evergreen structure details for trades to be terminated.

3.48   February 2024 – Swift MT 2.13.2, 2.14.0 (17 February 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.13.2	00089699		SWMT-1216	Issue	Issue - Tag 22G is not populating for FXOption Digital trade with Trigger Type DOT. Also the following error is observed in the Navigator log for this tag: TAG :22G:, value '', Field does not match format 4!c Impact Analysis - Local Impact – To fix the tag 22G, added trigger type DOT in triggerTypeMap of class FXOptionSWIFTFormatter and mapped it to DKIN. Also set the value of the switch "USE_SR_2023" to true in domain values.
Post Trade Processing	Corporate Actions	Cross	Swift MT 2.13.2	00095206		SWMT-1250	Issue	Issue - Wrong Qualifier is populated in MT565. When DRIP Corporate Action is generated with Cash Option, MT565 shows Tag 36B as QREC. Impact Analysis - Local Impact – When DRIP Corporate Action is generated with Cash Option, MT565 shows Tag 36B as QINS.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
		Cross	Swift MT 2.13.2	00086518		SWMT-1261	Issue	Issue - On Portal trade, an issue is observed with field 59 in MT103, fix trade and settle date. It does not have any line break for manual SDI. Impact Analysis - With the fix, it is made sure that when the tag 59 is generated (without any letter) and follows [/34x\n] 4*35x format. Now, the tag 59 for MT103 will have a line break, similar to the case for Tag59F when Environment Property SR_2020=false and USE_OPTION_59F=false.
Collateral Management	None	Cross	Swift MT 2.13.2	00097055		SWMT-1268	Enh	Issue - Incorrect transaction type is reflected for mobilization. The expected values for mobilization is COLI and for demobilization is COLO. However, the current result for this type of transaction is not the market practice for this activity, as it is a not a "view" from our pool in BDF. The type is a matching field on sese.023 message. Impact Analysis - Expected values are reflected for mobilization and demobilization. If the trade is SimpleTransfer and has a Keyword collateralAllocationType with the value Mobilization or Demobilization and the receiver of the message has a LEAttribute ECMSCentralBank with the value true, then we put COLI for Mobilization and COLO for Demobilization.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.14.0		APL-6843, APL-8847	SWMT-1163	Enh	Issue - After migrating from the old triparty collateral model to the new triparty collateral model based on the Triparty Exposure Trade (TET), to change the logic implemented in the MT527 formatter (MT527SWIFTFormatter.java) to format the tag 20C::SCTR// - Sender's Collateral Transaction Reference. Impact Analysis - Earlier the trade id is sent in the tag 20C::SCTR//, but now it will be checked whether the TKW "TripartyTransactionRef" has been set on the Triparty Exposure Trade. If set, it means that the TET has been created via the migration path and therefore we need to send the value stored in the TKW "TripartyTransactionRef" in the tag 20C::SCTR// of any MT527. If not set, then we need to keep sending the trade id (current behavior). The change is applied for the following agents: - MT527EuroclearSWIFTFormatter.java - MT527BONYSWIFTFormatter.java - MT527ClearstreamSWIFTFormatter.java - MT527JPMorganSWIFTFormatter.java - MT527BPSSSWIFTFormatter.java
Post Trade Processing	Corporate Actions	Cross	Swift MT 2.14.0	00078928	APL-6227, APL-7948, APL-8049	SWMT-1194	Enh	Issue - To enable the system to automatically elect a position upon integrating MT565 instructions received from the client and generate the associated MT567. Impact Analysis - Local Impact – Added support for automatically processing of

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								election instruction via Swift MT565/MT567 on custody position. Please refer to Calypso Client Custody documentation for details.
Collateral Management	None	Cross	Swift MT 2.14.0	00097383		SWMT-1272	Issue	Issue – EXRQ tag in MT527 is incorrectly set to "Security Settle Date" instead of "Process Date". Impact Analysis - Local Impact – EXRQ tag in MT527 is set to "Process Date" instead of "Security Settle Date".
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.14.0	00089700		SWMT-1274	Issue	Issue – If a Digital FXOption is trigger-out/knock-out, field 30H is missing from the generated MT306 therefore the message gets NACKED. Impact Analysis - Local Impact – Made changes in method parseTOUCH_PAYMENT_DATE of class FXOptionSWIFTFormatter such that if 22K=KNIN or KNOT, it is mandatory to populate 30H. Tag 30H is populated as below: If Payout Type = Expiry, then field 30H = Delivery Date If Payout Type = Instant, then field 30H = Valuation Spot Date (calculated based on the barrier event date)
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.14.0	00100469		SWMT-1281	Issue	Issue – MT542 CANC message does not have 20C:COMM tag when original message is saved to database. When the original message is not saved to database, this tag is displayed in MT542 CANC message.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Impact Analysis - Local Impact - Common reference tag is also populated in transfer attribute with correct value.

3.49   March 2024 – Swift MT 2.15.0 (17 March 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.15.0		APL-7214, APL-7958	SWMT-1220	Enh	Issue - As per EMIR Refit changes, to include GlobalUTIIssuer tag in MT3nn and MT6nn messages and introduce UTI harmonized format. Impact Analysis - Included GlobalUTIIssuer tag in MT3nn and MT6nn messages (MT300, MT304, MT305, MT306, MT340, MT341, MT360, MT361, MT600, MT601). Please refer to Calypso Messages Reconciliation documentation for details.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.15.0	00079173	APL-7040, APL-7669, APL-7670	SWMT-1243	Enh	Issue - To support enhancement on fields 19A and 70E on Euroclear MT527 for floating triparty repos. Impact Analysis - The following changes are made on Euroclear MT527 for floating triparty repos: - Field :19A::TRTE// will be populated with 0 amount, i.e., it is not populated on the MT527 message. - Field :70E::CINS// will be populated with FIXFLAGOVN for any overnight reference rate,

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								when refixing is overnight. Also, Calypso logic is extended to support both MTAFLAGN and FIXFLAGOVN in the same message.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.15.0	00097176		SWMT-1285	Issue	Issue – To remove the USE_SR_2023 domain value dependency from client's database, as when USE_SR_2023 = True and execute SQL is performed, then duplicate value is displayed for the domain USE_SR_2023 i.e., it shows both False and True. Impact Analysis - Local Impact - Created SQL file and called it in module-upgrade-swift-mt-core.mxml.template. Removed the "USE_SR_2023" domain value dependency from the template and formatter classes. Also removed unused parse methods from the classes FXOptionSWIFTFormatter and MT306SWIFTFormatter.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.15.0	00102271		SWMT-1289	Issue	Issue – MT304CLSNonMemberPO message template does not populate 17O and 17N when 94A=AFWD. Impact Analysis - Local Impact - Added fields 17O and 17N in sequence 15A of template MT304CLSNonMemberPO.

3.50   April 2024 – Swift MT 2.15.1

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.15.1	00107880	APL-7214	SWMT-1309	Issue	Issue - In MT300 generation, tag 22M shows GTR-UTI/Issuer instead of GTR-GlobalUTI/Issuer tradekeyword. However, tag 22M of MT300 should populate only UTI number and not "UTI|" prefix as the field should not exceed 20 characters. Impact Analysis – Local Impact - Tag 22M is correctly generated from Trade Keyword GTR-UTI/Issuer and populate only UTI number and not "UTI|" prefix.

3.51   May 2024 – Swift MT 2.15.2 (17 May 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.15.2	00108678		SWMT-1316	Issue	Issue - For DIGITAL FX Options, field 37J in MT306 is not populated with value of the Trigger field. This is seen when a trade is booked with Trigger Duration as "EXPIRY". Impact Analysis - Local Impact - For MT320 in the field 37J, for Digital FXOption trade if we get the value infinity from both up barrier and down barrier, then populating the trigger rate. F 37J is now populated correctly as per the value enter for "Trigger" for Digital FX option trade with Trigger Duration "EXPIRY".

3.52   June 2024 – Swift MT 2.15.3 (17 June 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.15.3		APL-7489, APL-8280	SWMT-1202	Enh	Issue - To support multiple sequences / outcomes (sequence E) on MT564 generated by Calypso and modify the generation of tags 13A CAON and 17B DFLT (both in Sequence E Block CAOPTN). Impact Analysis – Allow multiple sequences E in message MT564 - Earlier the MT564 Calypso template only accepts one sequence E CAOPTN. In the GUI this is reflected by the multiple options and the system adds an additional CA product Id for each additional option available on the event and then link it to the Main CA Id (through the DB table product_ca_association). Now, when generating the MT564 for a given CA ID, system checks if there are multiple outcomes linked to the CA Product by: - Looking in database table product_ca_association for all the lines, where FIRST_CA_ID equals main CA Product ID . For each line obtained, to create a new sequence E CAOPTN in the MT564 document that will be generated with the date from the CA Product Id contained in column SECOND_CA_ID. Tag 13A CAON - This tag is earlier being hardcoded to 001 in the MT564 outgoing template in the SwiftField name "Corporate Action Option Number". Now, populating this tag in block CAOPTN with the value contained in the Option Reference field of the CA Id being processed in the database which can be found in column CODE_VALUE = 001 of the DB table product_sec_code when column SEC_CODE = OutcomeReference. Tag :17B::DFLT - Only one option can be the

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								default, one which is flagged in Calypso. The default option tag is set as :17B::DFLT//Y (on the other sequences E CAOPTN in the message the flag is set as :17B::DFLT//N). Now, For each sequence E CAOPTN in the message (i.e. one per each CA Id of the Event), set tag :17B of Sequence E Block CAOPTN to: - "Y" if Is Default Option for the CA Id of the sequence being added - "N" if unchecked Default option can be found in table product_ca_association by looking for the lines with column SECOND_CA_ID = CA Id of the sequence being added: - If ASSOCIATION_TYPE for the lines found = "DefaultOutcome" then CA Id is the default option so tag will be "Y" - Else tag will be "N". Please refer to Calypso Corporate Action documentation for details.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
			Swift MT 2.15.3		APL-7584, APL-8280	SWMT-1205	Enh	Issue - While generating MT564, to review tag :92A::NWFC and add tag :92A::INDX. Impact Analysis - Tag :92A::NWFC in bloc 16R:FIA is only generated for BondAssetBacked and contains Next Factor as of Record Date. Tag :92A::INDX is generated in bloc 16R:CADETL only for Interest events on Inflation Linked Bonds and should return Index Level corresponding to Record Date. Please refer to Calypso Client Custody documentation for details.
			Swift MT 2.15.3		APL-7672, APL-8280	SWMT-1213	Enh	Issue - To support generation of MT564 for mandatory events _ SPLF / SOFF / RHDI for Custody Clients. Impact Analysis – Logic adjusted to correctly support dedicated tags (e.g. for RHDIs >> Intermediate securities distribution type: subscription rights - :22F::RHDI//EXRI; Expiration date - :98A::EXPI//20XXYYZZ; Period where rights are tradable - :69A::TRDP//20XXYYZZ/20XXYYZZ; for SOFFs >> Disposition of Fractions Indicator :22F::DISF//RDDN, etc.), display correct direction indicator (Debit/Credit), calculate correct entitlement, populate two security movements within same option (for SPLFs), etc.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.15.3	00081970	APL-7671, APL-7513, APL-8002, APL-7936, APL-8106, APL-8280	SWMT-1222	Enh	Issue - To support the generation of MT564 for voluntary events _ TEND / EXRI for Custody Clients. Impact Analysis – Logic adjusted to correctly support dedicated tags (e.g. for TENDs >> Percentage of outstanding shares sought - :92A::PTSC//100; Period of Action - :69A::PWAL//; Revocability Period - :69A::REVO//; for EXRIs >> Subscription date - :98A::SUBS//; etc.), bring all event options, all security and cash movements with correct directions and stock/cash entitlement calculations.
			Swift MT 2.15.3		APL-7839	SWMT-1229	Enh	Issue - To support generation of MT568 template for Custody Clients. Impact Analysis – Generation of MT568 is driven by CA Fields Additional Text & Narrative. If these fields are empty, no MT568 will be generated. If one of these two fields, or both fields are populated, MT568 will be generated. Moreover, information in tag :70F::ADTX is driven by CA Fields Additional Text and tag :70F::TXNR is driven by CA Fields Narrative.
			Swift MT 2.15.3		APL-7934, APL-8280	SWMT-1233	Enh	Issue - To support Corporate Action Voluntary events, Generate reminders for MT564 RMDR. Impact Analysis - Adjusted logic for the tag 23G with content 4!c[/4!c]. Please refer to Calypso Client Custody documentation for details.
			Swift MT 2.15.3		APL-7839	SWMT-1239	Enh	Issue - For MT568, to remove condition on block ADDINFO. Currently, block ADDINFO is only generated when CA underlying product type is a Bond.

Capability Group	Capability	Asset Class	Legacy Component	Case	RPM	Issue	Type	Description
								Impact Analysis – Removed the above condition.
Post Trade Processing	Corporate Actions	Cross	Swift MT 2.15.3	00061217	APL-7489, APL-5460	SWMT-1302	Enh	Issue – For outgoing MT564, to revert condition on tag 19B ENTL. Currently the condition logic depends on the keyword CASourceQuantity and if keyword is not available then from CA Trade Settlement Amount. Impact Analysis – The ENTL is now mapped against CA Trade Settlement Amount.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.15.3	00115201		SWMT-1324	Issue	Issue – "CNH" currency is getting populated in Swift Message MT305 field 32E as the settlement currency instead of "CNY". The settlement currency field did not use the ISO code of the currency but the currency code directly. Impact Analysis – Local Impact – Changed the settlement currency parse method to use the ISO currency code of the settlement currency instead of the code of the settlement currency.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.15.3	00115628		SWMT-1327	Issue	Issue – Error for MT541 SWIFT EUROCLEAR Field 90a: Price: Deal Price with Currency UDI is observed. To get the ISO code of the currency code instead of using the currency code directly in the DEAL_PRICE tag. Impact Analysis – Local Impact – Changed DEAL_PRICE parse method to use the ISO currency code instead of the currency code. Added a helper method in SwiftModuleUtil to get the ISO currency code.

3.53 August 2024 – Swift MT 2.16.0 (17 August 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
			Swift MT 2.16.0		APL-9268, APL-10120	SWMT-1306	Enh	Issue – MT306 implementation in tag 12F as per SR2024_CR 002023 for "Asian" FX Option. Impact Analysis - Amendments made in existing fields for tag 12F within sequence A. Replaced keyword AVRO with AVSS from 12F and also impact on the sequence J (J1 is mandatory when 12F=AVSS). - Also made changes in tag 29a - E: (Location) (Time) and W: (Source Code) - Changed tag 30M to tag 30I and changed name to Settlement Rate Averaging Period. - For tag 32B: Name changed to Put Currency and Amount or Party A Sold Currency and Amount. - For tag 36: Name changed to Strike Price or Forward Rate. - For tag 33B: Name changed to Call Currency and Amount or Party A Bought Currency and Amount. - Changed tag 30N to tag 30K and changed name to Forward Rate or Strike Price Averaging Period. - For tags 19Y and 19Z: Name changed to Weight. - Matching key "Decimal Places" (corresponding to tag 16C in block J is removed from matching manager and corresponding matchable objects are created and matching fields are displayed in Matching manager.
			Swift MT 2.16.0		APL-10321, APL-10144	SWMT-1335	Enh	Issue - Sec - Upgrade for Swift MT: org.springframework:spring-web from version 5.3.29 to 5.3.34.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.16.0	00118404		SWMT-1339	Issue	Issue - Tag 58A of MT320 message is generated with incorrect format, reflecting GL account details when attribute "Beneficiary" is empty. Impact Analysis - Local Impact - When attribute "Beneficiary" is empty, tag 58A is generated only with Identifier code.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.16.0	00116414		SWMT-1342	Issue	Issue - In the Warrant/Certificate definition window, when the product basket is not present in the system with the ISIN specified, then Price Type is not considered and thus MT54x message 36B tag is populated with UNIT instead of FAMT. Impact Analysis – Local Impact – Tag 36B is displayed as per the Price Type.

3.54   September 2024 – Swift MT 2.16.1 (17 September 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.16.1	00122602		SWMT-1361	Issue	issue - The rate mentioned in MT362 is populated mentioning up to 9 decimals in fields Reset rate '37G' & Total rate '37M'. Impact Analysis - Local Impact - Made changes such that the values in SWIFT fields 37G (Reset Rate) and 37M (Total Rate) are now rounded according to the "FINAL_RATE_DEC" rate index attribute and rounded up to 5 decimals.

3.55   September 2024 – Swift MT 2.16.2

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.16.2	00125084		SWMT-1369	Issue	Issue - To add LOG CATEGORY to troubleshoot why 95P is not reading the Counterparty & Agent Identifier from SDI. Impact Analysis - Added logs: Log category = Swift, Log level = DEBUG.

3.56   October 2024 – Swift MT 2.17.0 (17 October 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
			Swift MT 2.17.0		APL-11493, APL-11394	SWMT-1357	Sec	Issue - Sec - Third party libraries upgrade for swift-mt: org.springframework:spring from 5.3.34 to 5.3.39.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.17.0	00093661	APL-8339, APL-8819	SWMT-1381	Enh	Issue - Enhance some of the fields of MT320 to support Confirmation of the fixing of In-Arrears Floating Rate, to confirm the creation and the rate reset of floating rate loan/deposit contracts. Impact Analysis - The following enhancements are done: - Field 21 – This field is populated with event type=RATE_RESET as fields 22A = NEWT and 22B = ROLL with the Message_Id of the previous MT320 generated for the same Trade, if not available, then the Transfer Id, if not available, then Trade Id. - Field 22B – Changed for 22B = ROLL when event type=RATE_RESET

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
								- Field 77D is implemented with the following logic: if Structured Flow trade has Leg Type=Float, populate with /FLTR/ followed by Rate Index for all the events. - Field 30V - When it's a rate reset confirmation for floating rate contract, the tag 30V will be populated with the start date of the period, so the Pmt Begin on cashflow (Xfer Start Date on transfer). - Field 32 H – It displays the interest amount with the sign only when event type = RATE_RESET: If Transfer Amount is positive, 32H = transfer amount, If Transfer Amount is negative, 32H = N followed by the transfer amount, - Field 30X - When it's a rate reset confirmation for floating rate contract, the tag 30X to be populated with the end date of the period, so the Pmt End on cashflow (Xfer End Date on transfer). - Field 34E – When the MT320 is generated with floating rate, it is changed for zero for all the events including new and rate_reset events, exception for the maturity event where it populates with the transfer amount. - Field 37G - When the MT320 is generated with floating rate, it is changed for zero. - Field 30F – It is changed for the payment date of the calculation period, so the Pmt Dt on cashflow for a rate reset event.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.17.0	00128304		SWMT-1382	Issue	Issue - Tag 58A is generated with incorrect format for MT620. When attribute "Beneficiary" not defined in SDI attribute, the system picks the GL account. However, tag 58A should be generated with Identifier code. Impact Analysis - Local Impact - Moved the utility methods in MT320SWIFTFormatter used

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
								to remove the account name if present to SwiftModuleUtil. PO_BENEFICIARY and CPTY_BENEFICIARY parse methods are implemented in MT620SWIFTFormatter which remove the account name. Added MT620 to the domain key SuppressPartyIdentifier and set the default value to false (not suppress). Changed the code to get either the POSDI or the counterparty SDI based on the parse method (either call SwiftUtil.getPoSDI or SwiftUtil.getCptySDI)
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.17.0	00125402		SWMT-1383	Issue	Issue - MT518s in the system that are NACKING due to field 22F are failing when the day count for the repo trade is ACT/366 because the mapping for that day count should be A009 and it is currently populating as just A00. Impact Analysis - Impact Analysis - When the day count for the repo trade is ACT/366 the mapping for that day count populates as A009. Logic implemented to check if day count is mapped in Domain value first if not it will fall back to current logic. if this return "A00" it will default it to OTHR.

3.57 November 2024 – Swift MT 2.18.0 (17 November 24 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Corporate Actions	Cross	Swift MT 2.18.0	00132008		SWMT-1388	Issue	Issue - Tag70E of MT565 message is not getting populated for SECU option.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
								Impact Analysis - Added fallback to get generic comment from default CA when comment is empty for Narrative Generation Issue of Tag70E of MT565 message.
			Swift MT 2.18.0		APL-11218, APL-11871	SWMT-1380	Enh	Issue – The domain MXUseSRChanges is no longer needed to activate the SR2024 changes. Impact Analysis – The domain MXUseSRChanges is no longer used and the SR2024 changes are activated by default.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.18.0	00136877		SWMT-1390	Issue	Issue – Currency CNY should be populated in field 32Q instead of CNH while generating MT 306. Impact Analysis - Added logic to return ISO code of currency.
Front Office	Trade Capture	Sec Fin	Swift MT 2.18.0	00131495		SWMT-1395	Enh	Issue - When a MT54x SWIFT message is generated for a repo trade, COLLATERAL_REF SWIFT tag 20C is blank if the repo trade has only one piece of collateral attached. Impact Analysis – Local Impact - Changed the COLLATERAL_REF parse method to determine the minimum number of collaterals for a REPO trade. If the attribute 'SwiftSecFinOptionalTags' is set on the agent, then we include the Reference if there is at least one collateral on the Repo. Else, we default to the current two minimum collaterals. Changed to look at the LE Attribute on the last PO agent instead of the PO agent.
			Swift MT 2.18.0		APL-10921, APL-11332	SWMT-1392	Enh	Issue - For MT540 and MT542, in the case of an Open Repo trade, the tag 98B appears as :98B::TERM//OPEN. If a Security Margin is applied on that trade, then a new MT54x

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
								message is triggered for the movement of securities and tag 98 B remains unchanged and this collateral movement is what 'Repo Free Piece'. In this case, Citibank expects that the tag 98B of the MT54x generated contains the value date of the event. Impact Analysis - When the below conditions are met, then the tag 98A will be overwritten with the value date of the event. If the triggering transfer is: - Xfer product type = 'Repo' - Repo Type = 'Standard' - EventTypeActionName = 'Security Margin' - Repo Maturity Type = 'OPEN' - Xfer PO Agent SHORT NAME is in the new Domain Value 'MT54xSecMarginTerm' - If Repo Direction = 'Repo' and Xfer EventType is a SEC_RECEIPT or If Repo Direction = 'Reverse Repo' and Xfer EventType is a SEC_PAYMENT

3.58   January 2025 – Swift MT 2.19.0, 2.19.1 (17 January 25 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.19.0	00128304		SWMT-1400	Issue	Issue – Tag 58A is generated with incorrect format for MT620 and the Party Identifier is not suppressed, when interest and principal currency are different. Impact Analysis - Changed to call makeRule

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
								with the settlement date when the interest and settlement currency is different for MT620 and MT320 when trying to identify the account name.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.19.0	00140719, 00145072, 00146513	APL-7040	SWMT-1403	Issue	Issue – MT527 Euroclear contains no longer an endcash for floating rate repos. Impact Analysis - Local Impact – Rollbacked Termination tag set to TRTE/0<CURRENCY> and reverted to previous value while implementing MT527 support for Floating Triparty Repos.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.19.0	00145738		SWMT-1407	Issue	Issue – Field 19A in MT527 generated via TET (Triparty Exposure) trade is reflecting incorrectly for INIT, PADJ and TERM messages for Triparty Exposure. For MT527 VASO (19A field) should come instead of TRAA for SLEB and TERM field is incorrect 98B::TERM/OPEN for SLEB (Currently TERM message generates with term date). Impact Analysis - Local Impact - For agent JPM and only when SLEB with TET (Triparty Exposure), field 19A displays VASO instead of TRAA. However, the VASO should be 0 when Termination is to be applied (CINT//TERM). Also, for TET, no TRTE is present.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.19.0	00145513		SWMT-1410	Issue	Issue – While booking a Precious Metal Deposit Lease Trade for MT605 and 620, the field 34J in MT620 and 32F in MT605 should be rounded off to 3 decimals, however the decimals are exploding upto 9 decimals on transfer and message. Impact Analysis - Local Impact – Decimals are rounding as expected.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.19.0	00146794		SWMT-1413	Issue	Issue – While booking a trade for MT320 and doing Rate Reset, MT320 cannot be seen and an NPE is observed. Impact Analysis - Local Impact - MT320 message is seen.
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.19.1	00147438		SWMT-1419	Issue	Issue – In MT600 the field 72 Sender to receiver info is not set in the message. Impact Analysis - Local Impact - Tag 72 is populated in MT600.

3.59 March 2025 – Swift MT 2.20.0, 2.20.1 (17 March 25 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.20.0	00151407		SWMT-1439	Issue	Issue – When Rate Reset has been actioned on a Structured flow trade, the generated MT320 NACK's fields are empty. Impact Analysis - Local Impact - After rate reset transfer are getting null, fixed it by taking settle date from message / message attribute. 32H filed is reflected correctly in MT320 for RATE_RESET event.

3.60   April 2025 – Swift MT 2.20.2 (17 April 25 MR)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL / RPM	Issue	Type	Description
Post Trade Processing	Confirmations & Advices	Cross	Swift MT 2.20.2	00151407		SWMT-1467	Issue	Issue – When Rate Reset has been actioned on a Structured flow trade, the generated MT320 NACK's fields are empty. To add additional logs for this. Impact Analysis - Local Impact – Added additional logs. After rate reset transfer are getting null, fixed it by taking settle date from message / message attribute. 32H filed is reflected correctly in MT320 for RATE_RESET event.