

Jms Messages & Properties

Release 1.0

Version: **0.1**

Issued on: **27/03/2014**

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1. Document References
   1. Revision History

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| **0.1** | 27-03-2015 | Michael Couck | Initial version |
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Table 2: Revision History

* 1. Review

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| --- | --- | --- |
| **Version** | **Date** | **Reviewer** |
|  |  |  |

Table 3: Review History

* 1. Open Points

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| --- | --- | --- | --- | --- | --- |
| **ID** | **Date** | **Reporter** | **Description** | **Resolution** | **Status** |
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Table 4: List of Open Points

* 1. Index of Figures

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1. Introduction
   1. Purpose

This document is to provide a list of MQ queues that are used by OPF and the integration layer to communicate. To enumerate the JMS headers and parameters for each queue.

* 1. Queues, messages & properties

**2.2.1 COBAXTDataImportQ**

Description: Triggers the upload of static data into OPF.

Parameters & properties:

1) fileName - string

2) noFileBasedImport - {true, false}

3) uploadAction - string

4) txnTimeout - integer

5) sessionKey - string - optional, used for synchronization and discard last upload

6) bankGroupId - 'COBA'

7) bankName - 'COBADEFF'

8) filePath - only on SAN

**2.2.2 DataImportQ**

Description: Triggers the upload of static data into OPF.

Parameters & properties:

1) fileName - string

2) noFileBasedImport - {true, false}

3) uploadAction - string

4) txnTimeout - integer

5) bankGroupId - 'COBA'

6) bankName - 'COBADEFF'

7) filePath - only on SAN

**2.2.3 BPELInvokerQ**

This is internal, and not required for distribution to the client.

**2.2.4 DewarehousingQ**

Description: The dewarehousing queue is used to dewarehouse the instructions that are warehoused within OPF.

Parameters & properties:

1) releaseAll - string - {transactions, instructions}

2) checkWarehousedPayments - string - {transactions, instructions}

3) bankGroupId - string

4) bankName - string

**2.2.5 InterchangeLoaderQ**

Description: The InterchangeLoaderQ is used to receive incoming PAIN.001 from TRAVIC and MT019.

Parameters & properties:

1) fileName - string - if the file is in the message, i.e. on MQ

2) bankGroupId - string - COBADEFF

4) bankName - string - COBA

3) exchangeConditionExternalId - string - {COBA-GPS, COBA-TRAVIC, COBA-TGT2, COBA-EUR1, COBA-OnUs}

4) interchangeloader - string - optional identifier for the loader

5) mandant - string - for reporting

6) originator - string - also for reporting

7) tecIdStructure - string(xml)

8) filePath - string - if file on SAN

**2.2.6 InterchangeLoaderAckQ - outgoing**

Description: OPF will send an ACK message to a queue InterchangeLoaderAckQ to state the the Interchange was properly received in OPF. As the specification state, it’s is only used for ACK and if the file has a problem, no NACK has been foreseen in the design of COBA/IL.

Parameters & properties:

1) fileName - string

2) bankGroupId - string

3) exchangeConditionExternalId - string

4) interchangeloader - string

5) JMSCorellationID - string - generated by OPF

6) mandant - string - for reporting

7) paymentType - string

8) messageType - string - {AccountCheckRequest, FundsReservationRequest, not set}

**2.2.7 InterfacingReplyQ**

Description: For all responses to a request on the IntegrationLayerRequestQ, OPF expects a message with the following information.

Parameters & properties:

(headers)

1) JMSCorellationID - the correlation id of the original request

(properties)

2) mandant - 'CB'

Payload: Account check response, funds reservation response and embargo check response messages.

**2.2.8 InterfacingRequestQ**

Description: Queue used to communicate with other components when there needs to be asynchronous parallelism without XA transactions.

Parameters & properties:

1) qualityOfService

2) interfacingConfigFileName

3) interfacingServiceId

4) heraldCorrelationId

5) allMessageRecordCount

6) allMessageCount

7) replyLoopback

8) interfacingMessageGroupKey

9) correlationSetEntityKey

10) correlationSetEntityClass

11) correlationSetRunId

12) correlationSetRunIdAttribute

13) correlationSetPIID

Payload: Variable

**2.2.9 InterfacingHeraldQ**

Description: Listener that invokes the resumption of the flow if all requests have been replied to.

Parameters & properties:

1) selfPostTime

2) sleepInterval

**2.2.10 IntegrationLayerRequestQ**

Description: OPF will set a message on this queue for the AccountCheck, FundReservation, embargo check, etc.

Parameters & properties:

(header)

1) JMSCorellationID - generated by OPF

(properties)

1) mandant - {CB}

2) paymentType - {OPF Eil-XML}

3) messageType - {AccountCheckRequest, MT, FundsReservationRequest, Ausgang, none}

4) processingType - {Embargo}

**2.2.11 NotificationQ**

Delegates message processing to component

**2.2.12 OutgoingInitiationQ**

Description: Initiates the submission of various messages.

Parameters & properties:

1) bankGroupId - string

2) bankName - string

3) exchangeConditionExternalId - string

4) exchangeScheduleGroup - string

5) bypassTimeCheck - string

**2.2.13 ParserQ**

Description: Delivers message to the Parser via a JMS queue

Parameters & properties:

1) bankGroupId - string

2) bankKey - string

3) interchangeKey - string

4) tecIdStructure

5) orgFileName

6) orgTravicMandant

7) orgCustomerId

8) orgOrderType

9) orgDigitalSignature

10) orgOrderNumber

11) originator

12) orgDailyStamp

13) orgTimeStamp

14) orgTak

**2.2.14 SenderQ**

Description: This queues receives the outgoing MT103 generated by OPF.

Parameters & properties:

1) bankGroupId - 'COBA'

2) bankName - 'COBADEFF'

3) mandant - 'CB'

4) paymentType - 'OPF Eil-XML'

5) processingType - 'Ausgang'

6) instructionTechnicalReferenceId = technical reference of the instruction (String)

7) instructionBusinessReferenceId = business reference of the instruction (String)

8) transactionTechnicalReferenceId = technical reference of the transaction (String)

9) transactionBusinessReferenceId = business reference of the transaction (String)

**2.2.15 StatusReportQ**

Description: Send the Payment Status Report (PAIN.002). This is generated during the processing of the PAIN.001 within OPF and not at the submission time.

Parameters & properties:

(Pain 002)

1) orgTravicMandant

2) orgOrderType

3) orgDigitalSignature

4) orgTypeProtocol

5) originator

6) orgFileName

7) orgCustomerId

8) orgOrderNumber

9) orgDailystamp

10) orgTimestamp

11) orgTak

12) tecStructureId

13) messageDelivererId

(XML report/transaction report)

14) messageDelivererId

**2.2.16 XMLReportQ**

Description: Posts an accounting XML message to the queue.

Parameters & properties:

None

Payload: The XML accounting message(xml). This is the accounting message, not the XML report that is now known as the transaction report.

**2.2.17 StartOfDayQ**

Description: This queue is used to trigger the reset of the sequence for the business reference, the business day, and de-warehousing. It is idempotent, i.e. it can be run several times a day without any side effects.

Parameters & properties:

1) jobName - {StartOfDay} - not used but checked

Payload: None

**2.2.18 BillingEventsQ**

Description: This method calls to Billing service for creating billing events when receiving requests from an external system.

Parameters & properties:

1) BillingType

2) BillingPeriodStartDateTime

3) BillingPeriodEndDateTime

**2.2.19 ManualReconciliationQ**

Description: Exposes methods that will be invoked locally by ejb client to perform manual reconciliation related operations.

Parameters & properties:

1) timeOutCheck

**2.2.20 PublishRateQ**

Description: Not used, however here for completeness.

Parameters & properties:

1) BankExternalId

2) RateType

3) ReleaseDateTime

4) ReleaseDateTimeZone

Payload: None

**2.2.21 FromSwiftQ**

Description: Internal queue for simulation purposes.

**2.2.22 FromSwiftAckQ**

Description: Receive ack messages (F21) for the MT103 that have been sent out by OPF. The information in the F21 is enough to reconcile it with the payment within OPF.

Parameters & properties:

None

Payload: F21 file

**2.2.23 TimeoutHandlerQ**

Description: Resends timed out requests where necessary. When a funds reservation or an embargo check is still waiting for a response then posting to this interface will perform some action, like re-sending the request fro information.

Parameters & properties:

1) jobName - {resendAccountStatusCheck, timeOutParameter, massUpdateReservationFunds, massUpdateRiskFilter, }

2) value

3) action

4) riskFilterId

(action parameters)

5) value - timeout value integer

6) action - for risk filter mass update

7) riskFilterId - for risk filter mass update

Payload: None