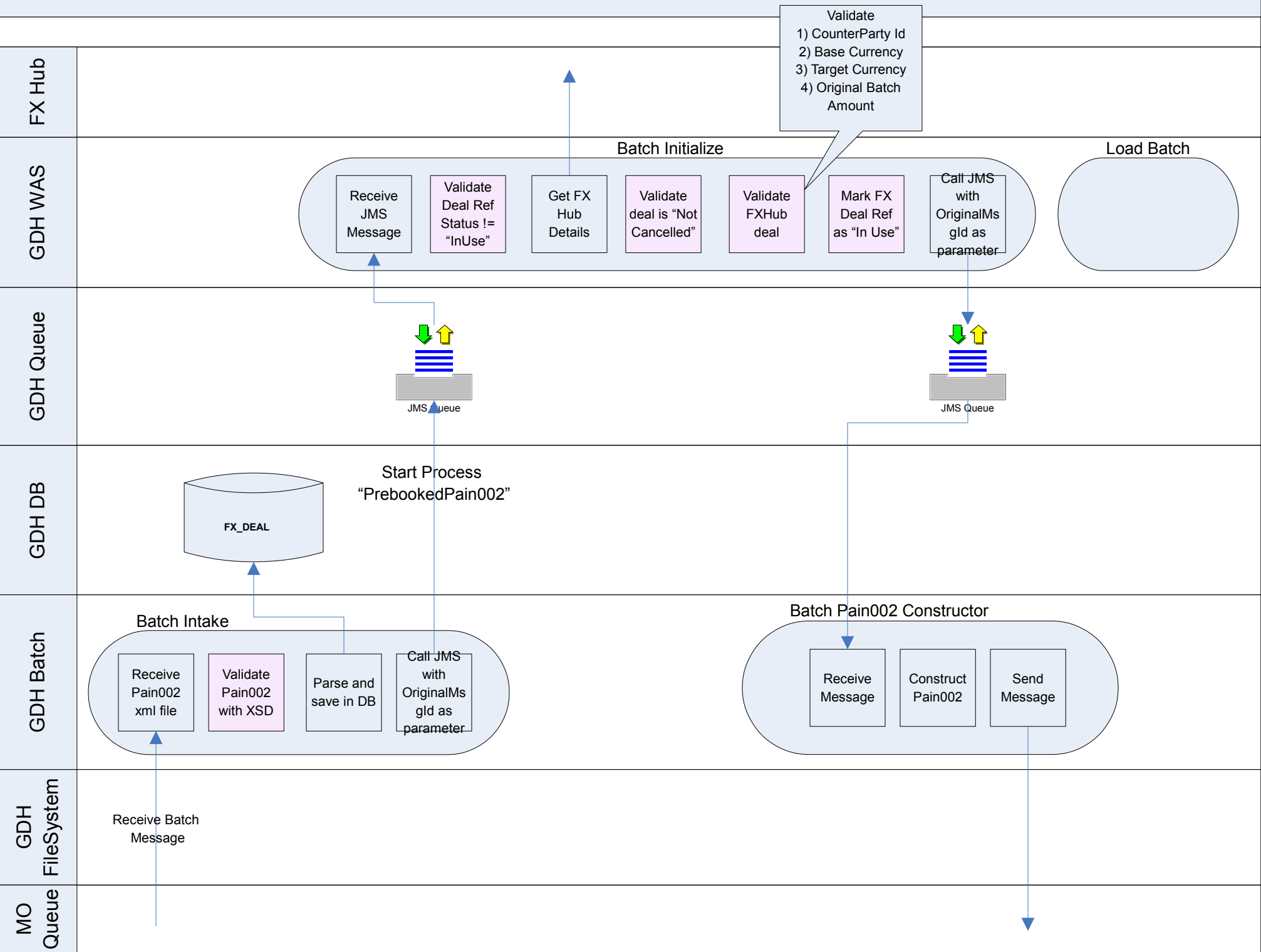
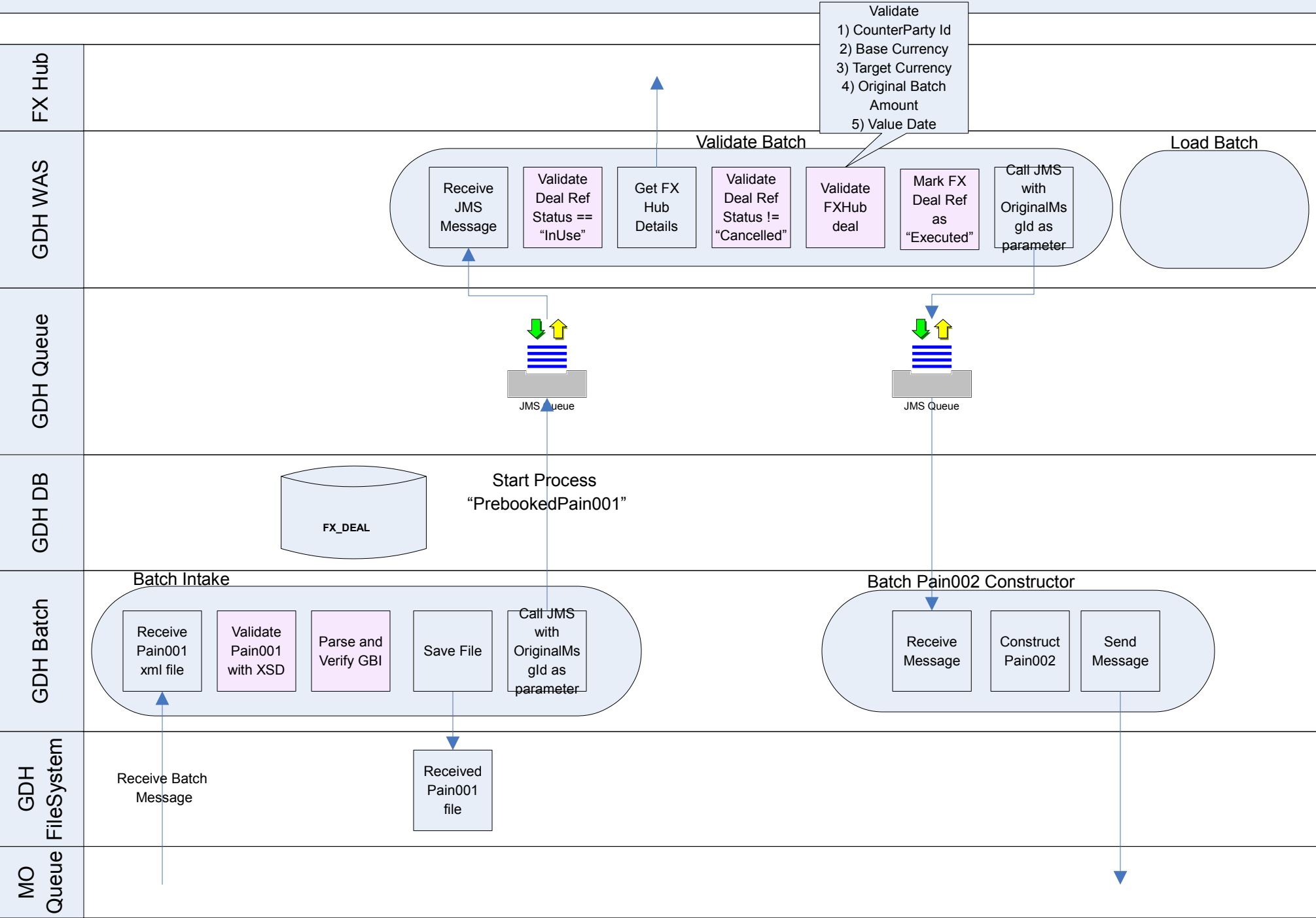


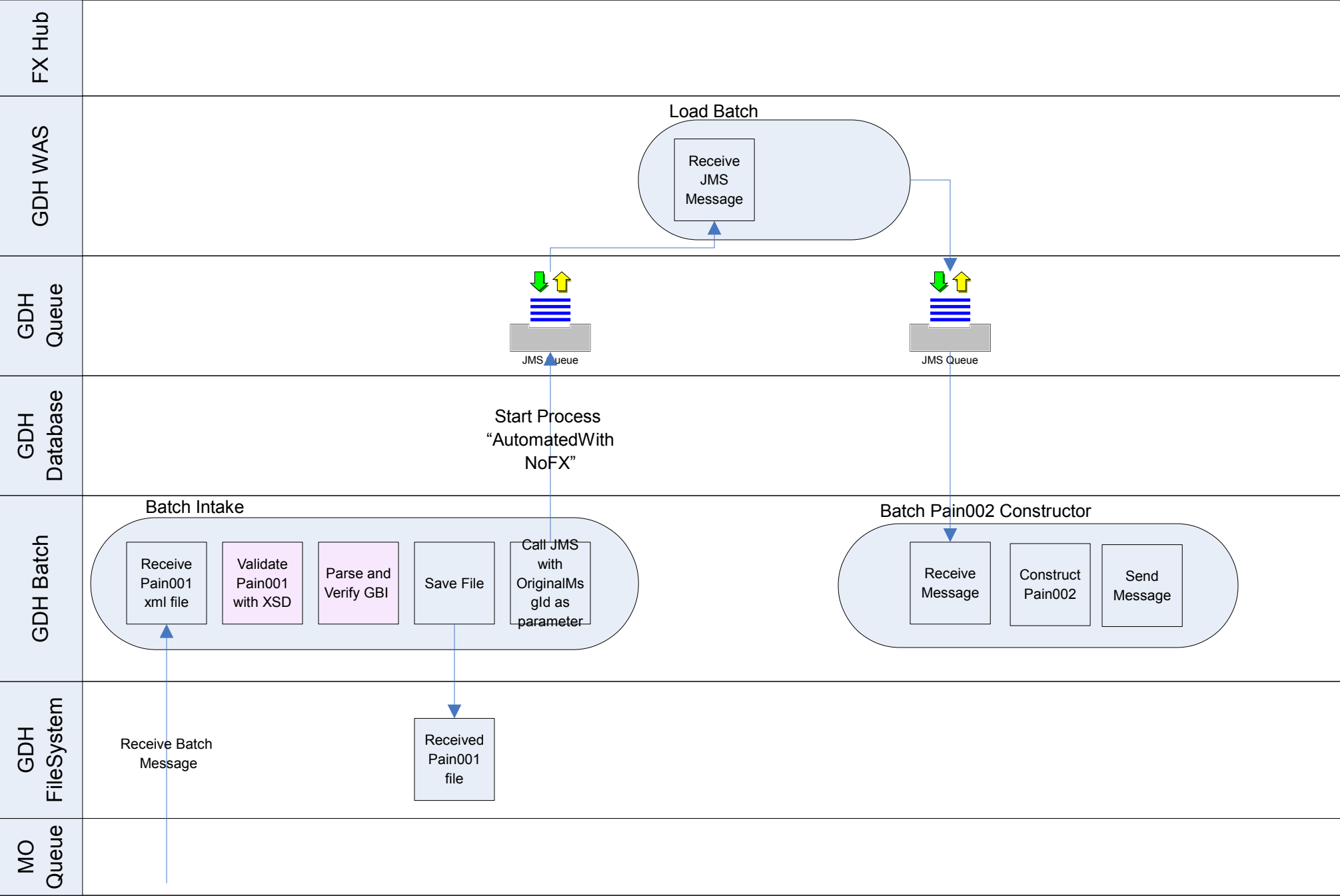
Use Case 1 : Prebooked Pain 002 Validation



Use Case 2 : Prebooked Pain 001 Validation



Use Case 3 : Automated Pain 001 Validation



META_INFO

- 1) OriginalMsgId
- 2) FileType
- 3) CounterParty Id
- 4) Original Batch Amount

GDH_DEAL

- 1) OriginalMsgId
- 2) Deal Ref Number
- 3) Base Currency
- 4) Transfer Currency
- 5) Status (none)
- 6) ValueDate

Note: If the Deal exists
already in GDH_DEAL table
ignore inserting.

GDH_VALIDATIONS

- 1) OriginalMsgId
- 2) FileType
- 3) Validation_Id
- 4) ValidationMessage

| GDH_BATCH | |
|-----------|------------------------------|
| PK | BATCH_ID |
| FK1 | FILE_ID |
| FK2 | HEADER_ID |
| FK3 | BATCH_AMOUNT |
| | STATUS_ID |
| | PYMT_INFO_ID |
| | PYMT_METHOD |
| | NO_OF_TRANS |
| | SERVICE_LEVEL_CODE |
| | LOCAL_INSTR_CODE |
| | CATEGORY_PURPOSE_CODE |
| | REQ_EXEC_DATE |
| | DEBTOR_NAME |
| FK5 | DEBTOR_COUNTRY_CODE |
| | DEBTOR_ADDR_LINE_1 |
| | DEBTOR_ADDR_LINE_2 |
| | DEBTOR_ADDR_LINE_3 |
| | DEBTOR_ADDR_LINE_4 |
| | DEBTOR_ADDR_LINE_5 |
| | DEBTOR_ADDR_LINE_6 |
| | DEBTOR_ADDR_LINE_7 |
| | DEBTOR_ORG_ID_BIC |
| | DEBTOR_OTHER_ID |
| | DEBTOR_OTHER_ISSUER |
| | DEBTOR_ACCT_IBAN |
| | DEBTOR_ACCT_STANDARD |
| FK4 | DEBTOR_CCY |
| | DEBTOR_AGENT_FIN_INST_ID_BIC |
| FK6 | ULTIMATE_DEBTOR_COUNTRY_CODE |
| | ULTIMATE_DEBTOR_ADDR_LINE_1 |
| | ULTIMATE_DEBTOR_ADDR_LINE_2 |
| | ULTIMATE_DEBTOR_ADDR_LINE_3 |
| | ULTIMATE_DEBTOR_ADDR_LINE_4 |
| | ULTIMATE_DEBTOR_ADDR_LINE_5 |
| | ULTIMATE_DEBTOR_ADDR_LINE_6 |
| | ULTIMATE_DEBTOR_ADDR_LINE_7 |
| | ULTIMATE_DEBTOR_ORG_ID_BIC |
| | PYMT_EXECUTION_DATE |

| GDH_MESSAGE_HEADER | |
|--------------------|--------------|
| PK | HEADER_ID |
| FK1 | FILE_ID |
| | MSG_ID |
| | CREATED_DATE |
| | NO_OF_TRANS |

| GDH_DEAL | |
|----------|-----------------|
| FK1 | DEAL_ID |
| FK2 | DEAL_REF |
| FK3 | BATCH_ID |
| | RATE_ID |
| | BASE_CCY |
| | TRANSFER_CCY |
| | BASE_AMOUNT |
| | TRANSFER_AMOUNT |
| FK4 | STATUS_ID |
| | CREATED_DATE |
| | VALUE_DATE |

| GDH_RATE_QUOTE | |
|-----------------|-----------------|
| PK | RATE_ID |
| FK1 | BASE_CCY |
| | BASE_AMOUNT |
| TRANSFER_AMOUNT | TRANSFER_CCY |
| FK2 | FX_HUB_REF |
| | RATE |
| | EXCHANGE_INFO |
| | VALUE_DATETIME |
| | EXPIRY_DATETIME |
| | CREATED_DATE |
| | MODIFIED |

| GDH_MST_SET_ACCT_REF | |
|----------------------|-----------------------------|
| PK | ID |
| FK1 | CCY_ISO3_CODE |
| | CCY_SOURCE |
| | GDH_SET_CLR_ACCT_NUMBER |
| | GDH_SET_CLR_ACCT_CORRES_BIC |
| | GDH_SET_CLR_ACCT_BRANCH |
| | INTL_BIC |
| | MIRROR_ACCT_NUMBER |
| | MIRROR_ACCT_BIC |
| | SUSPENSE_ACCT_NUMBER |
| | SUSPENSE_ACCT_BIC |

| GDH_MST_CREDIT_ACCT_INFO | |
|--------------------------|-----------------------------|
| PK | ID |
| FK1 | CCY_ISO3_CODE |
| | COUNTRY_ISO3_CODE |
| | SETTLEMENT_ROUTE |
| | CCY_SOURCE |
| | GDH_SET_CLR_ACCT_NUMBER |
| | GDH_SET_CLR_ACCT_CORRES_BIC |
| | GDH_SET_CLR_ACCT_BRANCH |

| GDH_MST_MO_STATUS | |
|-------------------|--------------|
| PK | MO_STATUS_ID |
| | MO_STATUS |

| GDH_MO_STATUS_MAPPING | |
|-----------------------|--------------|
| FK1 | STATUS_ID |
| FK2 | MO_STATUS_ID |

| GDH_MST_STATUS_GROUP | |
|----------------------|-------------------|
| PK | STATUS_GROUP_ID |
| | STATUS_GROUP_NAME |

| GDH_MST_STATUS | |
|----------------|-----------------|
| PK | STATUS_ID |
| FK1 | STATUS_GROUP_ID |
| | STATUS_DESC |
| | STATUS_TYPE |
| | STATUS_CODE |

| GDH_MST_DEBIT_ACCT_INFO | |
|-------------------------|-----------------------------|
| PK | ID |
| FK1 | CCY_ISO3_CODE |
| | CLIENT_DEBIT_ACCT_BIC |
| | GDH_SET_CLR_ACCT_NUMBER |
| | GDH_SET_CLR_ACCT_CORRES_BIC |
| | GDH_SET_CLR_ACCT_BRANCH |

| GDH_TRANSACTION_STATUS | |
|------------------------|--------------|
| FK1 | GDH_TRANS_ID |
| FK2 | STATUS_ID |
| | CREATED_DATE |

| GDH_TRANSACTION | |
|-----------------|-------------------------------|
| PK | GDH_TRANS_ID |
| FK1 | GTI |
| FK2 | BATCH_ID |
| | FILE_ID |
| | INSTR_ID |
| | END_TO_END_ID |
| | SERVICE_LEVEL_PROP |
| | INSTRUCTED_AMT |
| | EX_RATE_INFO_CONTRACT_ID |
| | CHARGE_BEARER |
| | ULTIMATE_DEBTOR_NAME |
| FK4 | ULTIMATE_DEBTOR_COUNTRY_CODE |
| | ULTIMATE_DEBTOR_ADDR_LINE_1 |
| | ULTIMATE_DEBTOR_ADDR_LINE_2 |
| | ULTIMATE_DEBTOR_ADDR_LINE_3 |
| | ULTIMATE_DEBTOR_ADDR_LINE_4 |
| | ULTIMATE_DEBTOR_ADDR_LINE_5 |
| | ULTIMATE_DEBTOR_ADDR_LINE_6 |
| | ULTIMATE_DEBTOR_ADDR_LINE_7 |
| | ULTIMATE_DEBTOR_ORG_OTHER_ID |
| | ULTIMATE_DEBTOR_PVT_OTHER_ID |
| | CREDITOR_ACCOUNT_IBAN |
| | CREDITOR_ACCOUNT_STANDARD |
| FK3 | CREDITOR_CCY |
| | REGULATORY_RPT_DETAIL_INFO_1 |
| | REGULATORY_RPT_DETAIL_INFO_2 |
| | REGULATORY_RPT_DETAIL_INFO_3 |
| | REGULATORY_RPT_DETAIL_INFO_4 |
| | REGULATORY_RPT_DETAIL_INFO_5 |
| | REGULATORY_RPT_DETAIL_INFO_6 |
| | REGULATORY_RPT_DETAIL_INFO_7 |
| | REGULATORY_RPT_DETAIL_INFO_8 |
| | REGULATORY_RPT_DETAIL_INFO_9 |
| | REGULATORY_RPT_DETAIL_INFO_10 |

| GDH_MST_COUNTRY | |
|-----------------|-------------------|
| PK | COUNTRY_ISO3_CODE |
| | COUNTRY_NAME |

| GDH_FILE | |
|----------|---------------|
| PK | FILE_ID |
| FK1 | FILE_NAME |
| | STATUS_ID |
| | FILE_TYPE |
| | FILE_ACTUAL |
| | FILE_IN |
| | OUT_INDICATOR |
| | CREATED_DATE |
| | CREATED_BY |

| GDH_TRANS_FILE_MAPPING | |
|------------------------|--------------|
| FK1 | GDH_TRANS_ID |
| FK2 | FILE_IN_ID |
| FK3 | FILE_OUT_ID |
| | CREATED_DATE |

REMITTANCE_INFO_UNSTRUCTURED
REMITTANCE_INFO_STRUCTURED
ADDITIONAL_INFO
CREATED_DATE