ABP 6.0 Billing

App	Tables
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Billing Products

- Datatype symbols
  - Integer
  - Number
  - Date
- Key symbols
  - Primary Key
  - Mandatory
  - Optional
- FK symbols
  - Mandatory FK
  - Not Mandatory FK
  - Many to one
  - **Physical FK – Black**
  - **Logical FK – Red**

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- CUSTOMER_KEY
- DOC_SEQ_NO
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- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- BA_NO
- CUSTOMER_NO
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- ADOCUMENT_STATUS
- CYCLE_SEQ_NO
- ADOCUMENT_TYPE
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- PERIOD_CVRG_END_DATE
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- APRODUCTION_TYPE
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- APRINTING_CATEGORY
- BILL_FREQUENCY

BL1_PREPAID_STATEMENT
- PERIOD_KEY
- CUSTOMER_KEY
- STATE_SEQ_NO
- SYS_CREATION_DATE
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- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
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- PAY_CHANNEL_NO
- ACTIVITY_TYPE
- ACTIVITY_INSTANCE
- APREPAID_PRODUCE_IND
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- CYCLE_SEQ_RUN

BL1_BILL_STATEMENT
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- STATE_SEQ_NO
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
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- ADL_UPDATE_STAMP
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- ADOCUMENT_SEQ_NO
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- DUE_DATE
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- TOTAL_AMT_DUE
- AMOUNT_DUE_HANDLING
- APAYMENT_METHOD
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- SYS_UPDATE_DATE
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- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- BA_NO
- PAY_CHANNEL_NO
- ALEGAL_INVOICE_NO
- DOCUMENT_SEQ_NO
- INVOICE_SEQ_NO
- DUE_DATE
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- TOTAL_AMT_DUE
- AMT_DUE_HANDLING
- APAYMENT_METHOD

BL1_INVOICE
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- APPLICATION_ID
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- TOTAL_INVOICE_AMT
- TAX_TOTAL_INV_AMT
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- AAMOUNT_CURRENCY
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- CHARGE_CORRECTION_SEQ_NO
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- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
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- CUSTOMER_KEY
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- AMOUNT
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- SERVICE_RECEIVER_ID
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- OFFER
- OFFER_INSTANCE
- OFFER_ITEM
- CHARGE_ORIGIN
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- AMOUNT_OVERRIDE_AMOUNT
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- SERVICE_RECEIVER_ID
- RECEIVER_CUSTOMER
- PAY_CHANNEL_NO
- OFFER
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- DATE_DEFERRED_IND
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- APRIMARY_ATTRIBUTES
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- RECEIVER_CUSTOMER
- PAY_CHANNEL_NO
- OFFER
- OFFER_INSTANCE
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- CHARGE_ORIGIN
- CYCLE_SEQ_NO
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- DYNAMIC_ATTRIBUTE
- CYCLE_SEQ_RUN

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- BA
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BL1_CHARGE_ADJ
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- ADL_SERVICE_CODE
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BL1_FINANCE_ACTIVITY
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Charge Ace

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- AGROUP_ID
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- ACC_GROUP_PURPOSE
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- COUNTED_IND
- ARC_INFO

BL1_CHG_ACC_CRITERIA
- CHG_ACCUM_CR_SEQ
- SYS_CREATION_DATE
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- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
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- ATTRIBUTE_NAME
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- CHG_ACC_SEQ
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BL1_INV_CHARGE_REL
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BL1_TAX_CODE
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BL1_TAX
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- OLD_CYCLE_EXP_DATE
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- WEIGHT
- CYCLE_INIT_GROUP
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- BUSINESS_ENTITY
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- LAST_CYCLE_SEQ_NO
- STATUS_DATE
- ASTATUS
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- PARTITION_ID

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BL1_BLNG_ARRANGEMENT
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- AMESSAGE_LANGUAGE
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- ASTATUS
- AORIGIN
- RUN_SEQ_NUM
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BL1_MESSAGE_CODE
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BL1_CHARGE_CODE
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- ADL_UPDATE_STAMP
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- ARNUM_VALUE
- ATO_VALUE
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- CUSTOMER_ID
- ENTITY_TYPE
- ENTITY_NAME
- AUTO_CORRECTION_IND
- ALOW_ID
- APROCESS_ID
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- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- CYCLE_CODE
- CYCLE_YEAR
- START_DATE
- END_DATE
- RUN_DATE
- ASTATUS
- PERIOD_KEY
- CYCLE_INSTANCE
- CYCLE_SEQ_RUN

BL1_CYCLE_CODE
- CYCLE_CODE
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- CYCLE_CODE_DESC
- AFREQUENCY
- CYCLE_CLOSE_DAY
- ACYCLE_DESC
- AFREQUENCY
- FREQUENCY_MULTIPLIER
- BILLING_REFERENCE
- ACYC_POPULATION_CODE
- ARC_INFO
- BE
- BILL_PRD_UP_LIMIT

BL1_RUN_REQUEST
- REQUEST_ID
- AFLOW_ID
- ARUN_MODE
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- APPLICATION_ID
- AOPERATION_ID
- ASTATUS
- START_DATE
- END_DATE
- ADYNAMIC_ATTRIBUTE

BL1_CYC_QA_POP
- QA_POPULATION_SEQ_NO
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- CYCLE_SEQ_NO
- ENTITY_TYPE
- ENTITY_ID
- ARNUM_LIST_IND
- ARNUM_LIST
- ADESCRIPTION
- MANUAL_ENTER

BL1_CYCLE_GROUPS
- CYCLE_SEQ_NO
- AGROUP_ID
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- ASTATUS
- ADYNAMIC_ATTRIBUTES
- RUN_SEQ_NUM

BL1_CYCLE_CUSTOMERS
- PERIOD_KEY
- CUSTOMER_KEY
- CYCLE_SEQ_NO
- CUSTOMER_NO
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- AGROUP_ID
- ASELECT_IND
- ASTATUS
- ADL_STATUS
- ADL_STATUS_DATE
- BILL_PREP_DATE
- ARUNSEQ_DATE
- CYCLE_SEQ_RUN

BL1_SAM_CONTROL
- SAM_SEQ_NO
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- ASOURCE_ID
- CYCLE_SEQ_NO
- ABL_GROUP
- ABATER_GROUP
- ADATA_ELEMENT
- AROUTE
- AFILE_PATH
- AFILE_NAME
- AFILE_RECORDS
- ASTATUS
- ERROR_CODE
- ARROR_DESCRIPTION

BL1_UNDO_TECN_MARK
- CYCLE_SEQ_NO
- ACENTITY_TYPE
- AENTITY_ID
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- AUNDO_TYPE
- AUNDO_ID
- ERROR_CODE
- AREASON_CODE

BL1_CYC_PAYER_POP
- PERIOD_KEY
- CUSTOMER_KEY
- CYCLE_SEQ_NO
- BA_NO
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- CUSTOMER_NO
- ASELECT_IND
- ASTATUS
- ADL_STATUS
- ADL_STATUS_DATE
- CYCLE_PRODUCTION_TYPE
- AUNDO_REQ_TYPE
- CORRAT_EXT_DATE
- CORRAT_EXT_FILE
- CONFIRM_GROUP
- QA_GROUP
- BILL_PREP_DATE
- AGROUP_ID
- CYCLE_SEQ_RUN

BL1_SAM_CYCLE_REQUEST
- PERIOD_KEY
- REQUEST_SEQ_NO
- CYCLE_SEQ_NO

BL1_CYCLE_RUN_STATISTIC
- CYCLE_SEQ_NO
- START_TIME
- END_TIME
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- AFLOW_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- AFLOW_ID
- AROUTE
- CUST_AVG
- RUN_AVG
- BA_AVG
- GROUP_AVG
- RUN_TOTAL
- CUST_TOTAL
- BA_TOTAL
- GROUP_TOTAL

BL1_RERUN_SELECT_CRITERIA
- REQUEST_ID
- CYCLE_SEQ_NO
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- ACRITERIA_NAME
- ACRITERIA_VALUE

BL1_CYCLE_RUN_POLICY
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- CYCLE_CODE
- CYCLE_STATUS
- AFLOW_ID
- ARUN_MODE
- ARC_INFO
- ASE_DEFAULT

BL1_CYCLE_GROUPS_HISTORY
- CYCLE_SEQ_NO
- ALOW_ID
- AROUTE
- AGROUP_ID
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- ASTATUS
- ADYNAMIC_ATTRIBUTES
- RUN_SEQ_NUM

QA

BL1_QA_CRITERIA_QUAL
- AQA_QUALIF_SEQ
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- AQA_CRITERIA_ID
- ENTITY_TYPE
- ATTRIBUTE_NAME
- ARNUM_VALUE
- ATO_VALUE
- ATTRIBUTE_ORIGIN
- ARC_INFO

BL1_QA_CYCLE_CRITERIA
- CYCLE_CODE
- AQA_CRITERIA_ID
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- CRITERIA_SIZE
- ARC_INFO

BL1_QA_CRITERIA
- AQA_CRITERIA_ID
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- AQA_POPULATION_TYPE
- ADESCRIPTION
- ARC_INFO

Flow Definitions

BL1_ERROR_CODE
- ERROR_CODE
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPERATOR_ID
- APPLICATION_ID
- ADL_SERVICE_CODE
- ADL_UPDATE_STAMP
- ERROR_DESCRIPTION
- ASEVERITY_CODE
- ALOW_ID
- ARROR_FIELDS
- ARC_INFO

BL1_ERR_HANDLING_POL
- ERROR_CODE
- SYS_CREATION_DATE
- SYS_UPDATE_DATE
- OPER