DATA ARCHITECTURE - CONCEPTUAL

COA - Conceptual Data Model

SERVICESCOPE

SERVICE_SCOPE

USER_ID: VARCHAR
COMMERCIAL_GOL: VARCHAR
SERVICE_ID: VARCHAR
CF_BOUND_CODE: VARCHAR

BOOKINGAGENCYREFERENTIAL

SALES_OFFICE_GROUP

SALES_OFFICE_ID:BIGINT
SALES_OFFICE_NAME: VARCHAR
SALES_GROUP_ID: BIGINT
SALES_GROUP_NAME: VARCHAR
AGENCY_CODE: VARCHAR
UPLODED_FILE_NAME: VARCHAR

SEGMENTATION

BOUNDARY_TEMPLATE

SERVICE_ID: VARCHAR
VALID_FROM: TIMESTAMP
VALID_TO: TIMESTAMP
STATUS: VARCHAR
VERSION: SMALLINT

BOUNDARY_TEMPLATE_DETAILS

PORT_ID: VARCHAR
SCHEDULE_BOUND_CODE: VARCHAR
BOUND_TYPE_CODE: VARCHAR
ALTERNATIVE_PORT_ID: VARCHAR

CARGO_FLOW_VOYAGE

BOUNDARY_TEMPLATE_ID(FK)
SERVICE_ID
CARGO_FLOW_CVN
CARGO_FLOW_BOUND_CODE
VOYAGE_ROTATION_ID
VOYAGE_ROTATION_PREVIOUS_ID
VOYAGE_ROTATION_NEXT_ID
CARGO_FLOW_VOYAGE_PREVIOUS_ID(FK)
CARGO_FLOW_VOYAGE_NEXT_ID(FK)
FIRST_CARGO_FLOW_PORTCALL_ID
MAIN_BOUNDARY_PORTCALL_ID
VESSEL_NAME
VESSEL_CODE
MAIN_CARRIER_ID (CMA)
MAIN_CARRIER_CODE(0001)
MANUAL_ADJUSTMENT_FLAG

CARGO_FLOW_PORTCALL

CARGO_FLOW_VOYAGE_ID(FK)
VOYAGE_ROTATION_SEQUENCE_NUM
VOYAGE_SEQUENCE_NUM
MAIN_CARRIER_PORTCALL_ID
PORT_CODE
TERMINAL_CODE
SCHEDULE_CVN
BOUNDARY_TYPE_CODE
IS_FIRST_PORTCALL
STATUS (OMIT ADDED)
SCHEDULE_WEEK
SCHEDULE_DATE
PROFORMA_WEEK
PROFORMA_DATE

VOYAGE_SUBCARRIER

CARGO_FLOW_VOYAGE_ID(FK)
CARRIER_ID(CMA,PNL,CNC): VARCHAR(20)
CARRIER_CODE: VARCHAR(20)
CARRIER_CVN: VARCHAR(17)

COA

COA_TEMPLATE_HEADER

SERVICE_ID: VARCHAR
CARGO_FLOW_BOUND_CODE: VARCHAR
TEMPLATE_NAME: VARCHAR
STATUS: VARCHAR
VERSION: SMALLINT NOT NULL
DEFAULT_TEMPLATE_FLAG: BOOLEAN

OPERATIONAL_ALL_TEMPLATE

COA_TEMPLATE_HEADER_ID(FK)
LONG_LEG_FLAG: BOOLEAN
CARRIER_GROUPED_ATTRIBUTE_FLAG: BOOLEAN
SHIPCOMP_CODE(CARRIER): VARCHAR
SUBTRADE_HAUL_GROUPED_ATTRIBUTE_FLAG: BOOLEAN
SUBTRADE_HAUL: VARCHAR
POL_GROUPED_ATTRIBUTE_FLAG: BOOLEAN
POL:VARCHAR
ALLOC_TEU:NUMERIC
ALLOC_TONS:NUMERIC
ALLOC_UNITS: SMALLINT
AVG_WEIGHT_TEU: NUMERIC
FLEXIBILITY_TYPE_CODE: VARCHAR
FLEXIBILITY: SMALLINT

STANDARD_ALL_TEMPLATE

COA_TEMPLATE_HEADER_ID(FK): BIGINT
LONG_LEG_FLAG: BOOLEAN NOT NULL Y
CARRIER_GROUPED_ATTRIBUTE_FLAG: BOOLEAN NOT NULL N
SHIPCOMP_CODE(CARRIER): VARCHAR
SUBTRADE_HAUL_GROUPED_ATTRIBUTE_FLAG: BOOLEAN NOT NULL N
SUBTRADE_HAUL: VARCHAR
POL_GROUPED_ATTRIBUTE_FLAG: BOOLEAN
POL:VARCHAR
BOOKING_AGENCY_TYPE_CODE(COUNTRY, BRANCH OFFICE): VARCHAR
BOOKING_AGENCY_ID: SMALLINT
CARGO_TYPE_CODE(REEFER, ALL OTHERS): VARCHAR
ALLOC_TEU: NUMERIC
ALLOC_TONS: NUMERIC
ALLOC_UNITS: SMALLINT
AVG_WEIGHT_TEU: NUMERIC
FLEXIBILITY_TYPE_CODE: VARCHAR
FLEXIBILITY: SMALLINT

OP_RESTRICTION_TEMPLATE

COA_TEMPLATE_HEADER_ID(FK): BIGINT
POL: VARCHAR
POD: VARCHAR
CARGO_TYPE_CODE: VARCHAR
CONTAINER_MAX_WEIGHT: SMALLINT
EQUIPMENT_TYPE: VARCHAR
ALLOC_TEU:NUMERIC
ALLOC_TONS: NUMERIC
ALLOC_UNITS: SMALLINT

COA_TEMPLATE_VESSELS

COA_TEMPLATE_HEADER_ID (FK)
VESSEL_CODE: VARCHAR