**Open Maximo Integration Questions/Assumptions for OT processing:**

**Glossary:**

* OT = OpenTrac
* MX = Maximo
* SPC = SPC
* VendorInvoiceNum
  + OT.VENDOR\_INVOICE\_NUMBER
  + MX.VENDORINVOICENUM
* InvoiceNum
  + OT. TRACKSYS\_AP\_NUMBER
  + MX.INVOICENUM
* InvoiceLineNum
  + OT. VENDOR\_INVOICE\_LINE
  + MX.INVOICELINENUM
* Quantity
  + OT.QUANTITY
* PoNum
  + OT.PURCHASE\_ORDER\_NUMBER
  + MX.PONUM
* PoLine
  + OT. PURCHASE\_ORDER\_LINE
  + MX.POLINENUM
* VendorId
  + OT. VENDOR\_ID
  + MX.COMPANY
* BOL
  + OT. BILL\_OF\_LADING

**Vendors (Processors and Coil Carriers):**

* Who in NSBSL who can act on processor records? (NSBSL)
  + Create?
  + Approve?
  + Designate?
  + Modify?
  + Disable?
* How do we disable a vendor in OT? (NG)

**Accounting:**

* General: (NG)
* Is an AP\_BATCH created for each shipment?
  + 1 PO and 1 Freight BOL creates a batch?
* VendorInvoice must be unique per VendorId.
  + Can it be prepended with “OT”?
* Each distinct VendorInvoiceNum will create a new Maximo Invoice record.
  + A VendorInvoiceNum can reference only a single PoNum.
  + Freight Invoice will not accept PoNum.
* Coil Freight AP Invoice processing:
  + Can/Will there be multiple Freight lines for an AP\_BATCH record? (NG)
    - Multiple BOLs? (NG)
  + PoNum will be NULL. (NG)
  + VendorInvoiceNum must match BOL. (NG)
  + Can it be constructed as “OT” + VendorId + BOL? (NG)
  + Do we handle these just as we do for Coil Freight now? (NSBSL AP/SPC)
  + How does the carrier know to bill us, not the processor? (NG)
  + Where does Freight Pricing live? (NSBSL/NG)
    - Is it coming in on the Invoice from OT?
    - If it lives in SPC, Maximo will need Ship From and Ship To in the message.
  + Freight Lines (Assumptions): (NSBSL AP)
    - Processed as a service.
    - Will not be received.
    - Invoiced against 10-70157-000-0000 and AP.
* Processor AP Invoice processing:
  + InvoiceLineNum does not need to match PoLineNum. (NG)
  + A PoLine must exist to create an InvoiceLine. (NG)
  + VendorInvoiceNum can reference only a single PoNum. (NG)
  + InvoiceLine.Quantity must not exceed PoLine.Quantity. (NG)
  + InvoiceLine.Cost will be computed from InvoiceLine.Quantity \* PoLine.UnitCost. (NG)
  + Note- Process can be fully automated moving forward. (NSBSL AP/SALES)
    - Initially, Processor invoice will be validated by Sales, then approved by AP.
    - Are we waiting for a bill from the processor?
    - Processing lines (Assumptions, testing using 10-70580-852-0000):
      * Received against the GL Debit Account and RBNI.
      * Invoiced against RBNI and AP.

**Item Catalog:** (NSBSL/NG)

* Part Numbers to be used on PO/Receipt/Invoice must exist in the Maximo Item Master before use.
* Where/How/When does a Part Number originate?
* How does Part Number pricing work, where is it defined?
  + PREQ (UNIT\_COST \* QUANTITY)
  + SPC?
  + Maximo Contract?
* Part Number Definition:
  + Are they customer specific?
  + Where does a record originate?
  + Where is a record owned?
  + When/How does a record revision work?
  + What attribute are we using?
    - OT references “TRACKSYS\_PART\_NUMBER” on PREQ.
    - OT references “CUST\_PART\_NUMBER” on CUSTOMER\_PART.
    - SPC part\_appraisal references several different attributes:
      * CUSTOMER\_ID
      * PART\_NO
      * PART\_NAME

**PREQ:**

* PREQ Header Status (changes): (NG)
  + ENTRY
    - Internal to OT?
    - Not synched to Maximo.
  + PENDING
    - Revision 0
    - Synched to Maximo
    - Maximo creates PO
    - Single PREQ\_RESP created.
  + CANCELLED
    - Synched to Maximo
    - Cancels Maximo PO
    - Expecting PREQ\_RESP?
    - **NO invoice line records can exists for these lines!**
  + RESPONDED
    - Internal to OT?
    - Not synched to Maximo
    - Based on PREQ\_RESP from Maximo
  + SUPERSEDED (New revision, revise Maximo PO, expects PREQ\_RESP)
    - Synched to Maximo
    - Revision > 0
    - Maximo revises PO
    - Are 2 PREQ\_RESP required?
    - **NO invoice line records can exists for these lines!**
* PREQ Line status track with Header Status? (NG)
  + CLOSED
    - Maximo will base PO and POLINE status based on AP Invoicing
    - Does OT need a message?
  + PENDING
    - Same as PREQ Header Status?
  + CANCELLED and DELETED
    - What is the distinction?
    - Is it always going to be a revision?
    - PREQ\_RESP will not contain the line, is this an issue?
    - **NO invoice line records can exists for these lines!**
  + ENTRY and ACCEPTED
    - Internal to OT?
    - Not synched to Maximo.