

## Meeting Minutes

**Date: 25 August 2017**

**Attendees:** Prof, Cheryl, Joanne, Youkang, Desmond, Esther, Sponsor

### Agenda

- 1) Data files sharing
- 2) High level plan and discussion
- 3) Collaboration tools

### Notes

- 1) JNJ has internal exchange rate file. Reporting currency is USD (used for analysis) or SGD (reporting for operations). Prof enquiring about sensitivity of material costs to currency fluctuations. JNJ does not know if currency fluctuations will impact material costs. Prof will look into MAS exchange rate. Question could be: is it better to manage currency risk or to manage supply chain contract risks?
- 2) Packaging data: Gives us information of where each material could be sourced from (e.g. one material could be sources from either PH or TH)
  - a. Primary/secondary packaging: As understood in supply chain terms
  - b. Supplier: Source of the cap
  - c. Site: The plant/subcon that uses the cap
  - d. If say the same cap would cost more in PH than in TH, it "should" be reflected in BOM. The raw material cost "should" be the same.
  - e. The linking key is the Material Code (Column E) (we will check if the material name and material code is unique or not)
- 3) Organisational structure data:
- 4) Mfg type (Won't be used?) They are manually inserting a new column to describe the manufacturing type.
  - a. E: Internal mfg (4 plants)
  - b. X-30: Sub-contract (vendor converts materials into finished goods) (15 plants)
  - c. F: Purchased.
  - d. They are manually inserting another column to describe the plant code.
- 5) BOM file (Bill of Materials)
  - a. Parent code -> Multiple component codes. Not obvious from the current Excel files extracted.
- 6) PIR: Purchasing Info Record
  - a. Standard PIR: J&J Plant to DC
  - b. Subcon PIR: J&J Plant to DC to External Manufacturer (for labelling) then back to DC

- c. Link the last column CondRec to knop file.
- d. Knop file: For column CnTy "ZZIC", the actual costing should be found inside the E\_Internal\_Mfg files, referenced by the Plant Number. The plant number will only be known after mapping vendor number to the Plant Description file.
- e. "ZZN1" percentage inside the knop file should be applied to ZZIC + ZZH2 + ZZS2.
- f. Could logical plants influence the overall cost?
- 7) Material master: Material code + Plant code.
- a. PDT: Product delivery time (lead time for material to reach the place, may be valuable for us?) from preorder date.
- b. GRT: Goods Receive time (days taken to do warehouse movement, admin work, quality check, etc.)
- c. For current project scope, we will exclude PDT and GRT as they are pertaining to scheduling rather than costing.
- d. ProcType: E, F, X
- e. SPT: Special Procurement Type. Need to be mapped to "Special procurement type" file.
- 8) Special procurement type: Need to concatenate Plnt + SPT to map to Long Text. Will be fed into material master.
- 9) Plant description file: detailed description of plants. Will be fed into material master.
- 10) India, China, Philippines, Thailand: They are the files containing actual costs of each material in the in-house plants/subcontractor.
- 11) E\_REF\_Internal Mfg file: It's a sample for us to understand the mapping of materials between different production levels.
- 12) Data dictionary: we can add on to it if we observe any other acronyms.
- 13) NTS (Net Trade Sale) data: Currently unavailable.
- 14) Chemical corresponding table: Helps in categorizing of ingredients (?????) It's an independent file outside of SAP, manually created and maintained. Currently unavailable.

All files will be linked by material and/or plant essentially.

1 SKU could have 2 purposes: Direct selling or to be used as a component for another SKU.

Definition

In-house JNJ Production Plants

- 1) JJC - 1000
- 2) TH - 240A
- 3) Indonesia Baddi – 5170

Markets (DCs) (will hold inventory and sell to wholesalers)

The file they are showing us does not filter the obsolete markets while extracting

Some plants are “logical plants” that exist for tax incentives. Each plant will have a special procurement key (TT – Thailand Toll. AU – Australia) and procurement type (E – in house, F – externally procured, X – subcon)

- For all E procurement types, the special procurement key will be empty.
- For non-E procurement types, the special procurement key will indicate where the product is sourced from (For F-procurement types, we can see the special procurement key. TT – the product in Australia/wherever is sourced from Thailand)
- For X procurement type, the special procurement key is always X-30.

- 1) 110A → 110S: Hong Kong
- 2) 120A → 1200: Taiwan
- 3) 1501 / 1502 (CDC) → 1511, 1512, 1513, 1514, 1515, 1516 (RDC): China

HOCO

- 4) 2000 → Indonesia Jakarta
- 5) 2011 → Indonesia Surabaya
- 6) 330A: Subcontracting
- 7) 211A: Malaysia

In-house JNJ Plant → J&J Market/DC → Wholesalers

Sometimes the SKU code changes when it goes out of the JNJ DC to be repackaged/re-labelled into another SKU

In the system, the logical transfer will be shown as Location 1 → Location 2 → Location 3, but the physical transfer is only Location 1 → Location 3.

**Other things to consider**