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भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

No. F.NO MOB-14/NWO-CM-III/QoS(Structural Revamp)/2014-15/56

Dated: 19-01-2015

Sub: **Organizational Structure in ERP for CM Vertical – Detailed Guidelines**

Ref: 1) MOB-14/NWO-CM-III/QoS(Structural Revamp)/2014-15/55 Dated: 02-12-2014

Vide Ref 1 instructions were issued for implementing CMTS network maintenance procedure in ERP for CM vertical. Few circles requested for clarity on certain points. As per instruction of Dir/CM another meeting was held under the chairmanship of ED/CA BSNL CO on 15-01-15 to seek further clarity. The meeting was attended by Sr. GM/NWO-CM, GM/ERP, Addl. GM/NWO-CM-III and DM//ERP/Fin of BSNL CO. After thorough discussions and deliberations following are decided for implementation of CMTS network maintenance procedure in EPR across all circles:

1. Definition:

- a. BTS Infra Items: Battery, Power plant, DG, AC/Free Cooling System, Fire Alarm System, Tower, Shelter/Room, Earth and Electrical Connections and fittings
- b. BSS Items: BSC/RNC, BTS/NodeB (including RRH) site equipment, Antenna, Cards, RF Cable, etc
- c. Mini-Link and M/W Systems: 15GHz/18GHz short distance M/W systems deployed for connectivity of BTS/NodeB
- d. Core Network Items: MSC, GMSC, MGW/GMW, VLR, HLR, OSS, SGSN, OMC-R, RF Planning Tools, and associated items (e.g. MPBN, BTY/PP, etc), etc
- e. Zonal Network Items: B&CCS, IN, GGSN, SMSC/MMSC, PCRF, OTA, FMCC/RA, WAP Gateway, WMS server, etc and associated items (e.g. BTY/PP).
- f. BTS Infra Maintenance Jobs: Day-to-Day repair/maintenance works of BTS Infra Items and associated works like payment for electricity, rent, diesel, house-keeping and security.
- g. BSS Maintenance Jobs: Day-to-Day repair/maintenance works of BSS Items and associated works including rectification of H/W and S/W faults, regular site checks such as VSWR measurement, clock calibration, handover verification, and antenna azimuth/orientation check, RF Optimisation by drive testing, analysis of the Drive Test results in post processing tools like Gladiator/Actix (already procured by all circles of BSNL), etc.
- h. Mini-Link and M/W System Maintenance Jobs: Day-to-Day repair/maintenance works of Mini-Link Systems and associated works including rectification of H/W and S/W faults, antenna azimuth/orientation check, etc
- i. Core Network Maintenance Jobs: Day-to-Day repair/maintenance works of Core Network Items and associated works including rectification of H/W and S/W faults for improving Key QoS parameters in the Circle.
- j. Zonal Network Maintenance Jobs: Day-to-Day repair/maintenance works of Zonal Network Items and associated works including rectification of H/W and S/W faults for improving Key QoS parameters in the Zone.
- k. CMTS Assets: BTS Infra Items (excluding exchange BTS sites), BSS Items, Mini-Link and M/W Systems, Core Networks Items and Zonal Network Items are assets of CM vertical
- l. Profit Centre: This is an organizational sub-unit (Business segment) where revenue and cost are assigned to analyze the profit. CM vertical is codified as 20000 and CFA vertical is codified as 10000.
- m. Cost Centre: This is a smallest organizational sub-unit where only Costs are assigned

2. Concept of Mapping in ERP:

- a. The SSAs (Now Called Business Area (BA) in ERP) be imagined as horizontal lines. The CM vertical be imagined as vertical lines. The horizontal and vertical lines are intersecting and in ERP perspective CMTS assets/equipments are to be placed at these intersecting points.