भारत सरकार
रेल मंत्रालय, (रेलवे बोर्ड)
नई दिल्ली-११० ००१
GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)
NEW DELHI-110001

सत्यमेव जयते

Amitabh Lal
Exec. Dir. (C&IS)

D.O. No. 2001/C&IS/FOIS/AM's Committee

New Delhi dated -10-2007

Sub: Guidelines for operation and maintenance of FOIS datacomm equipments.

Ref: Board's letter of even No. dated 01-01-2002 and 16-05-2001 (copy enclosed).

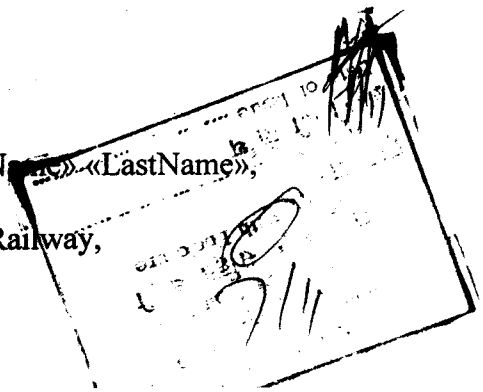
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Vide above referred letter modalities/guidelines for maintenance of FOIS system approved by Board(ML, MT and CRB) were issued. The above guidelines also included the provision that Dy. CNMs in the Zonal Railways would be reporting to CSTEs and CAO/FOIS during project phase of FOIS. Though Dy. CNMs report to COMs on the subjects detailed in their duty list, it was to facilitate drawing of resources and expertise of the S&T branch in communication network that Dy. CNMs were required to report to CSTE. It was decided that these guidelines should be tried out for at least 6 months to one year to enable the system to stabilize before a review is carried out at Board's level. As sufficient time has since elapsed it is requested that feedback of your railway / organization on the issues raised in the letter of even dated 01.01.2002 is furnished early so that a suitable decision is arrived as to whether Dy. CNMs may be placed back under the control of COMs on the existing arrangements may be allowed to continue. Your Railways feedback may be sent latest by 15.11.2007.

Yours sincerely

(Amitabh Lal)

Shri «FirstName» «LastName»,
COM,
«Railway» Railway,
«Address».



SN3

Government of India (Bharat Sarkar)
Ministry of Railways (Rail Mantralaya)
(Railway Board)

No.2001/C&IS/FOIS/AMs'Committee. **Dated 16-5-2001.**

General Managers,
All Indian Railways.

Guidelines for operation & maintenance of FOIS equipment

Board (CRB,MT,ML) alongwith AM(Budget) having gone into the recommendations of the committee comprising AM/Tele, AM/Budget & CAO/FOIS set up to examine & frame guidelines for maintenance of equipment for FOIS, have decided as under :

1. Operations and maintenance would comprise upkeep of two distinct components systems and networking hardware/software and the telecom channels. While the former, shall be owned, operated and maintained by the operating dept., the latter (both hired and railway owned), shall be the responsibility of the S&T dept. FOIS Routers and the connecting lead cables to the channel modems along with the rest of the LAN equipment, at the central location as well as in the field, shall be a part of the systems hardware. The channels and the modems on which they terminate shall part of the channel service administration.
2. Servers, Routers, PCs, Printers, UPSs, LAN, Switches, Modems and HUBs etc. at the central location at Delhi will be operated and maintained by CRIS.
3. Routers, PCs, Printers, UPSs, LAN, RAS, LAN extenders, Switches, Modems, HUBs and all associated accessories in the Zonal Railways HQ shall be operated and maintained by Chief Operations Managers of the respective railways.
4. The responsibility for award of maintenance contract and maintenance of items mentioned in para-3 in the field location shall be that of Sr.DOM/DOM. CAO/FOIS & CRIS will provide necessary support to zonal railway to take over the maintenance during warranty and in finalising of AMC.
5. The spares procured by CRIS and IRCOT shall be made available to each zonal railway. The usage of these spares along with that provided by the firm who is entrusted with AMC will be decided by each zonal railway in consultation with CAO/FOIS and CRIS.
6. In the event of a channel failure, the Central Control of the zone shall be responsible to ensure that a complaint is lodged with the S&T dept. on nominated telephone numbers specifically assigned to each FOIS location by the CCE. As soon as the link is restored, it will be the responsibility of

the S&T dept., with which the complaint was lodged to inform the Central Control immediately

7. No extra revenue posts for maintenance activities shall be created by Zonal Railways/divisions.

(Sunil Kumar)
Executive Director (C&IS)
Railway Board

Copy to : AM(Tele), AM(B), AM(C&IS), AM(F) Railway Board.

EDCC for kind information of CRB.

PPS to MT for kind information of MT.

PPS to FC for kind information of FC.

PPS to ML for kind information of ML.

MD/CRIS

CAO/FOIS

CPA/IRCOT

Rcd. one copy
19/04/06
(K. RAVI)
PS II / Dy CSTE/FOIS

GOVERNMENT OF INDIA (BHARAT SARKAR)
MINISTRY OF RAILWAYS (RAIL MANTRALAYA)
(RAILWAY BOARD)

No.2001/C&IS/FOIS/AM's Committee

New Delhi,
Dated: 1.1.02

The General Managers,
All Indian Railways & CORE.

kind Attn. Sh R C Agarwal
Director

Sub: Guidelines for operation & maintenance of FOIS equipment.

Ref. Railway Board's letter of even number dated 16.5.2001.

Instructions for maintenance of FOIS system including the network on IR were issued vide Board's reference above. After issuance of these guidelines and based on experience gained certain difficulties in respect of maintenance of electronic/datacom equipments and its ownership etc. have been encountered on the Zonal Railways, thus affecting the overall efficiency of the FOIS system on IR. The modalities of maintenance of FOIS system including the problems encountered so far have been considered and examined in the Board and following guidelines for maintenance of the FOIS system have been approved by the Board (ML, MT & CRB):

(i) At central location the responsibility of the maintenance of all installed equipments such as Servers, Routers, Modems (leased/dial-up), Switches, PCs, Printers in CRIS including Softwares and its periodic upgradation may remain with CRIS as already decided in Para-2 of Board's letter under reference.

(ii) All other datacom equipments such as Routers, Switches, HUBs, LAN, Info-outlet jacks, LAN extenders, UPSs (for datacom equipments), Leased-line/Dial-up modems, data channels both Railway and BSNL and VSATs installed in Zonal Railways and Divisional HQ and other locations will be maintained by the respective CSTEs and their agencies through Dy. CNMs in the Zonal Railways and Sr. DSTEs/DSTEs in the Divisions. Dy. CNMs in the Zonal Railways would be reporting to CSTEs and CAO/FOIS during project phase of FOIS.

(iii) Terminal sub-systems (TSS) comprising PCs, Printers and associated accessories like UPS for TSS equipments etc. may remain with the user i.e. COM of the respective railways who will

get these assets maintained by Dy.COMs in zonal Railways and Sr. DOMs/DOM at he Divisional level. These hardware should be maintained through suitable AMCs.

2. The above guidelines should be tried out for atleast 6 months to one year to enable the system to stabilize. A review, if required, shall be carried out thereafter, at Railway Board's level.

(Sunil Kumar)
Executive Director (C&IS)
Railway Board

(K.D. Sharma)
Executive Director (Telecom Dev.)
Railway Board

Copy to:

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