

SALIENT FEATURES OF TELECOM SYSTEM OF KHURDA ROAD DIVISION:

Control Communication:

All the control communication circuits are provided with OFC Network along with 100 % media diversity and back bone network to minimize communication failures. There are six section controls, two Traction Power Control circuits controlling 195 locations over 861.465 Route KM OFC with 865.245 Route Kms of 6Quad cable. Apart from 71 SCADA Post are connected through OFC network throughout the division. Emergency socket posts are available at every KM along Railway track for emergency communication purpose.

Voice Logger & Data Logger:

All the Six control circuits are provided with voice logger facility for continuous monitoring of each events of control conversation. 140 dedicated channels along with protection paths are also provided for signal data logger circuit for signal failure analysis, preventive maintenance. Voice logger facility is available for continuous monitoring of the passenger complaints received through All India passenger help line (138) and All India security help line (182).

Disaster Management:

INMERSAT Telephone is available at two locations such as BHC and KUR ART over the division. Auto pair is made active over the division to extend the auto telephone to the accident site through EC socket. Smart phones are available with each ART of KUR Division for effective communication during disaster and emergencies. For movement to disaster site, cranes and 04 ARTs are available in the division. 128 Nos of CUG SIMs are distributed among break down staff of all departments, who are engaged with ART and 140 Ton break down Crane. BSNL Telephones/CUG are provided at 98 stations and Railway auto telephones are provided at all stations. Apart from this HOT LINE telephones are provided at 20 stations in Khurda Road division.

Hot Line:

Hot line telephones are provided at 20 stations in the division and 02 pairs of Hot Line telephones are connected from Head Quarter to important loading points. Divisional security control is connected to adjacent divisions security control with dedicated hot line telephones for fast communication regarding passenger complaints via "182" (All India Security Help Line).

VHF/Walkie-talkie sets:

25 Watt VHF sets with auto channel scanning features are provided at all stations for communication purpose of station master and guard/drivers. For controlling train movements drivers/guard provided with 5 watt walkie-talkie sets.

LC Gate telephone Communication:

Level crossing gate telephone communication is provided for LC Gates over KUR Division.

Modernization (IT):

(a) Railnet :

Railnet has been made available at DRM office through Wi-Fi and residential locations of officers quarters and important units through Railway Exchange. Apart from this, Railnet is also extended to 30 way side stations for use of officers/sub-ordinate officials and operation of DRUMS. Broadband connections have been provided at all the JAG Grade officers in their office and residence.

(b) FOIS :

Information Technology based systems such as FOIS.COIS,TMS.CMS,RMS,ICMS are provided at 48 different locations and Railway sidings through V-SAT/LAN with back up circuits over the division for

getting one line information regarding loading, freight operation, crew management to operating, commercial and mechanical department. COA is integrated with FOIS network.

Exchanges:

There are 16 Telephone Exchanges and one DRM Intercom telephone exchange are available in the division and all are connected with E1 and PRI for feature transperence reliable communication. Intercom telephones are available at all the officers chambers for communicating with divisional and zonal officers.

PRS & UTS:

PRS facility is provided at 26 railway locations and 26 Non railway locations which are far away from railway stations. For providing reliable service to passengers during link failure, all UTS locations are commissioned with thin clients. UTS have been commissioned at 133 stations over KUR division.

NTES :

National Train Enquiry System facility is available in BBS,KUR,PUI,BAM,PSA, JJKR,TLHR, BHC,DNKL, ANGL,BALU and CTC for giving train related information and running status of trains to the passengers.

Fare Display Board & Reservation chart:

Fare display boards are provided at 2 major PRS locations (Brahmapur, Khurda Road station) and reservation train charting display system are provided at BBS and PUI station of Khurda road division.

Photo of Fare Display Board:



Auto Announcement System:

Computerized auto announcement system is provided at PUI,KUR,BAM,BBS,CTC,JJKR,BALU,PSA,CAP,KIT,IPM,DNKL,TLHR,ANGL,PRDP,BHC,SIL,MLT and CLKA stations. Besides this, manual PA systems are available at 98 stations over KUR Division. 80 Nos of counter communication system is provided in various stations.

Photo of IPIS based Auto Announcement System:



CUG (Close User Group) :

All stations of KUR division has been provided with CUG telephones. AIRTEL CUG SIM has been provided to all officers and supervisors for easy accessible communication.

GPS based Clock :

GPS based digital clocks are provided at platforms of 20 stations (PUI,BBS,PSA,BAM,KUR,CTC,JJKR,BHC,CAP,BALU,DNKL,TLHR,PRDP,RCTC,RHMA,KDJR,SIL,MLT,,NQR,BBSN) for constant time display over KUR division.

Photo of GPS based Clock:



Coach Guidance System/Coach Summary Board & Coach Indication Boards:

Coach Indication boards are provided at 13 stations such as BHC,JJKR,CTC,ANGL,TLHR,BBS,KUR,PUI,BAM,PSA,DNKL,CAP and IPM for guiding the passengers for easy identification of exact coach position from the engine in the platform.



Train Indication Boards:

Train Indication Boards are provided at 16 major stations such as PUI,BBS,KUR,CTC,BAM,PSA,BHC,IPM,ANGL,CAP,KIT,DNKL,JJKR,TLHR,BALU and PRDP. Besides this, TV based Display system are provided at the platforms of JJKR, BAM, PUI, BHC,PSA,KUR, BBS and CTC stations.

TRAIN NO.	TRAIN NAME	EXPTIME	ARRBEND
58418	ଗୁଣ୍ଡାପୁର - ପୁରୀ ପାଖେଇ		ବିଳମ୍ବରେ ଚାଲୁଅଛି
58006	ଖଟଗପୁର ଫାଷ୍ଟ ପାଖେଇ	16:20	D 5
18304	ପୁରୀ ସମ୍ବଲପୁର ଇଣ୍ଟରସିଟି	16:35	A 1
18508	ଭାରତୀୟ ଏକ୍ସପ୍ରେସ	16:45	ବିଳମ୍ବରେ ଚାଲୁଅଛି
58422	ପୁରୀ - ଅନୁଗୁଳ ଫାଷ୍ଟ ପାଖେଇ	17:15	A

Touch Screen Kiosk:

Touch screen Kiosks have been installed at 10 stations such as BBS,PUI,BAM,PSA,BALU,KUR,CTC,JJKR,BHC,TLHR for giving train related information like PNR status, Reservation status, availability of berths, fare enquiry, trains between stations etc. to passengers over Khurda Road division.



Wi-Fi:

Free Wi-Fi facility has been provided to the passengers for accessing train related information at 31 stations such as CTC,BBS,RTN,MCS,BRAG,LGTR,PUI,MLT,SIL,BRST,DEG,KUR,BHC,JJKR,KDJR, SKND,BGPL,TMKA,TGRL,SGBT,CLDR,HCNR,NKW,STBJ,BSTP,NANR,GADH,PRNR,PRDP,BAM and PSA over Khurda Road division.

Photo of Wi-Fi System:

