

BALASORE NAVTEX STATION MASTER LEDGER



1. **Name** Balasore Navtex station
2. **Position** Lat. 21°29'10.8"N
Long. 86°55'01 "E
3. **Power supply** i) 3 PH Mains supply, 440 V AC, 50Hz.
4. **Stand by Power Supply** : 20 KVA Diesel Engine Generator sets 2 Nos.

5. Details of Engine

Sl.No.	Engine No.	Make	HP	No. of Cylinder	RPM	Cooling	Date of Installation
1.	522728907023	EICHER	18.9	02	1500	Air Cooling	25-02-2015
2.	522728906050	EICHER	18.9	02	1500	Air Cooling	25-02-2015

6. Details of Alternator

Sl.No.	Make	KVA	Volt	Amp	Freq	Phase	Power Factor	Date of Installation
1.	Kirloskar	20	240	83.3	50Hz	Single	0.8	25-02-2015
2.	Kirloskar	20	240	83.3	50Hz	Single	0.8	25-02-2015

7. **H.S.D. Storage tank nos. Capacity** Two Nos. in build oil tank inside silent engine

8. Solar Plant

25 KW On Grid Solar Power plant installed on 22.12.2016, with 100 Nos. SPV Modules 250W/24 V DC. Inverter capacity 30 KW, make Power One. Solar Net Metering Installed on 19.08.2017.

9. Automatic Voltage Stabilisers (2+1) numbers

- i) Make Delta Electronic,
Type Servo Control
Capacity 15 KVA,
Input 120V-260V AC
Output 230 V
Date of Installation 05.06.92
- ii) Make Blue Bird
Type Servo Control
Capacity 15 KVA,

Input 170V-270V AC
Output 220 V
Date of Installation 31.12.14

10. Batteries

Sl. No.	Particulars	Qty.	Date of Installation
1.	12 V 88 AH Exide make Lead Acid batteries for Genset starting purpose.	02 Nos.	25.02.2015
2.	12 V 150 AH Exide make Lead Acid batteries for NAIS	02n Nos.	25.02.2015

11. EAVTEX

- i) Make Danphone
- ii) Transmitter Dual frequency
- iii) Frequency 490 KHz/518KHz
- iv) Power Output 1000W
- v) Navtex receiver GMDSS receiver, Sirius 3
- vi) LAN switch Model no: JFS516
- vii) I P Switch level one
- viii) power supply unit Two unit
- ix) Personal Computer Make- Hp Compaq with Key Board & Mouse
With 01 No Deskjet Printer HP 3545
- x) UPS Capacity — 7.5 KVA, Make-Power Gun System.
model no: PI ONLINE UPS.
- xi) Batteries Make- HI power
Capacity- 12VDC/42AH 10 nos. for 7.5 KVA UPS
- xii) Date of Installation 31.12.14

12. NAIS

- i) AIS Base station -02 nos. R-40(make Saab Transponder)
- ii) Switch, Router ,Lease line Modem, GPS antenna & VHF antenna
- iii) UPS-APC make-1KVA 01 no.
- iv) Date of commissioning: 6.12. 2012

13. Fire Extinguisher

SRL No.	Type	Capacity	Qty	Date of Supply	Installed at
I	DCP	6 kg	01	01-12-2017	Oil store
2	BC	5 kg	02	31.12.14	Transmitter room ,Engine room
3	ABC	6 Kg.	03	01-12-2017	NAIS room, NAVTEX coil house, Distribution room

14. **Fire buckets** 2 Nos.
15. **Communication** BSNL Telephone and internet
Tel. No. 06782 — 262134
16. **Water Supply** Submersible borewel.
17. **Land**
i) Area 30.495 Acre
ii) Demarcation Brick Masonry Compound Wall.
iii) No. of fruit trees 20 nos.
iv) No. of non-fruit bearing trees: 10 nos
18. **Buildings** Inspection Quarter, Technical Building, Pump House, Office, Store room, One unit of NAG-II Qtr.; One unit of LHA Qtrs. Vacant Qtr 12 nos.; Coil house 2 nos, Security room 1 no
19. **Compound Lights** 26 nos. G.I. Pipe poles
Solar module 120wp, 12V, LED light 24Watt
SMF battery 12V, 120Ah
20. **Staff** N.A-II. -01
LHA - 01
21. **Mode of approach** (i) By rail Balasore rail Station to 4 Kms.
(ii) By road Balasore Bus statnd to 8 Kms.
22. **Facilities available** Post Office 5 KM, Police Station 8 Kms.,
District H.Q Hospital 6 KM
23. **Postal address** Assistant Executive Engineer
Balasore Loran C Station
Light house
Near police line
P.O + Dist- Balasore
Odisha-756001

