

## मास्टर लेजर/ MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/ Discription
1.	ए.एल.ओ.एल/A.L.O.L.	: 0367.8
2.	स्थान/Position	Lat 22° 45.59' N Long 70° 11.01' E
3.	ऊंचाई/Elevation	7 Meter
4.	अभिलक्षण/Characteristic	: FI (2) W15Sec. 0.75 + <u>1</u> +0.75+ <u>12.5</u> =15Sec.
5.	Visibility sector	360°
6.	नॉटिकल माइल में दूरी Range in miles	a) Luminous : 12NM at T=0.74 b) Geographical: 8NM
7.	दीपस्तंभ टावर/L.H.Tower	a) Type : White round concrete tower, red bands b) Height : 10 Meter c) Colour Scheme : White - red band
8.	<b>ऑप्टिकल उपकरण</b> Optical Equipment:- Type of Light (LED Flasher)	a) Optic : i) Make : Navaid NE-9 LED Light Beacon ii) Size : drum optic iii) Colour filter if any : N/A iv) Type of flasher : Auto-flash v) Duration of flash : 0.75 Second vi) Divergence (Vertical): 2° 17.45' b) Pedestal : N/A c) Illuminant : 12V/24W LED Light d) Effective Beam Intensity : Candela
9.	Lantern	a) Make : Navaid NE-9 b) Diameter : drum optic
10.	Energy Source	Solar power light
11.	Automation Equipment : OLD	a) Master Deep Niyantak : 1No. Make:- SAMEER Mumbai (Housing

		<p>CPU and other PCBS)</p> <p>b) UHF Trans-receiver : 1No          Make:-SAMEER, Mumbai          (Housing UHF Trans-receiver, DC-DC converter, sensors PCBs etc.</p> <p>c) UHF Helical Antenna : 1No.          Make:-SAMEER, Mumbai</p> <p>(Towards Jodiya lighthouse)</p>
12.	Automation Equipment :(NEW)	<p>a) Remote Transceiver Unit (RTU) Control Panel make RDS          Sr.No : 3760</p> <p>b) Light Sensor make : ABLE</p> <p>c) Battery for automation : SMF battery, 12V/100AH - 2No.          (EP 100 make EXIDE          S/N (1) 4YL042214020398          (2) 4YL042216020460</p>
13.	Other equipment	<p>a) Battery for flasher unit : SMF battery, 12V/100AH - 2Nos.          (make AMARON Quanta)</p> <p>b) Solar panel for L.H. battery: KAUMO make 100W - 2Nos.          S/N (1) KPS10020283072          (2) KPS10020283088</p> <p>c) Solar panel for automation : make VIKRAM SOLAR 335W- 2Nos.          Model- ELDORA          S/N (1) 20864246          (2) 20863400</p>
14.	Mode of approach	By boat from Jodiya lighthouse.
15.	Postal address	Directorate of lighthouses & lightships c/o. Dhuvav RCS/MCS, P.O Dhuvav Jamnagar – 361 008

16.	Year of commissioning	1999, Renovated in 2020-21
-----	-----------------------	----------------------------