

मास्टर लेजर/ MASTER LEDGER

क्रम संख्या/ Sr.No	नाम /Name:	विवरण/ Discription
1.	ए.एल.ओ.एल/A.L.O.L.	: 0368
2.	स्थान/Position	: Lat 22° 43.5'N Long 70° 16.8' E
3.	ऊंचाई/Elevation	: 31 Meter
4.	अभिलक्षण/Characteristic	: Fl (W) 10Sec. (1 + 9 = 10Sec)
5.	नॉटिकल माइल मे दूरी Range in miles	a) Luminous : 11NM at T=0.74 b) b) Geographical : 14NM
6.	Visibility sector	: 360 °
7.	Structure	a) Type: Frame work tower (Trestle tower) b) Height : 30 Meter c) Colour Scheme : White
8.	ऑप्टिकल उपकरण Optical Equipment: - Type of Light (LED Flasher)	: Marine LED Lantern i) Make: NavAids Pvt Ltd, Delhi ii) Model : NE-9A is a Three-Tier Lantern iii) Colour filter if any : N/A iv) Type of flasher: High Intensity LED Lantern, NE-9 v) Duration of flash : 1 Second
9.	Solar Panel	Solar panel 70W, TATA BP - 3Nos installed on separate frame for charging 2Nos SMF12V/100AH Battery
10.	Battery	: SMF 12V/100AH - 2Nos Exide Power Safe connected in parallel
11.	Charge controller	MPPT charge controller 12V/20A, Make;- NavAid Energy Pvt Ltd. Delhi.
12.	A) Electrical Parameters of Light	
	a. Operating Voltage- 12VDC b. Range-11-14NM @ AT 0.74 b. Lamp Source- High Power LED c. Power- 15W-18W d. Operation- Flashing e. LED Life- upto 100000 Hours	

	f. Horizontal Divergence- 360° g. Vertical Divergence- 8° h. Sun Switch- Provided i. Flasher- Programmable 256 Flash Character as per IALA Standard j. Color- White	
13.	B) Mechanical Parameters of Lantern	
	Body- Aluminum Alloy Cast Body LM6 Marine Grade Lens Type/Dome- UV Stabilized Polycarbonate Weight- 10Kg approx. Mounting- 4/3 x 200mm PCD with M 12 IP66/67/68 Standard	
14.	Energy Source	: Solar power light
15.	Fire Fighting Equipment	: Not provided
16.	Communication	: By Road
17.	Water supply	: Not provided
18.	Land	: Lighthouse located at creek of Jodiya bander
19.	Buildings	: One Technical building
20.	Whether attended or unattended	: Unattended
21.	Mode of approach	: By Road
22.	Facility available	: Nil
23.	Postal address	Directorate of Lighthouses and Lightships, C/o RCS Dhuvav P.O. Jodiya, Jamnagar, Gujarat
24.	Date of commissioning	: 15th March 1903