

मास्टर लेजर/MASTER LEDGER

जेगरी दीपस्तंभ/ JEGARI LIGHTHOUSE

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0438	
2	स्थान/Position	Lat :21° 02.4' N Long : 71° 48.2' E	
3	ऊंचाई/Elevation	57 m (above MSL)	
4	अभिलक्षण/Characteristic	Fl(2)W20 Sec. (0.3+3.7+0.3+15.7=20 Sec)	
5	नॉटिकलमाइलमेदूरी Range in miles	27 NMiles	
6	दीपस्तंभटावर/L.H.Tower	Type	Square Masonery
		Height	29 m
		Colour Scheme	Black and White Bands
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	Stone Chance
		Type	Revolaving
		Size	375mm
		No. of lens	4
		Area of dioptric portion	1058.20 Sq. cm
		Area of catadioptric portion	3942.50 Sq. cm
		Divergence Main/Emergency	16° 47.99' (Horizontal), 10° 57.81' (Vertical)
		Duration of Flash Main /Standby/Emergency	1.86Sec
		Lamp changer	
		Pedestal	Mercury Floats
		Rotation Device	Stepper Motor
		R.P.M.	1.5
		illuminating	
		Main	Cluster 150W/230V MH Lamp
Standby / Auxiliary	-		
Emergency:	-		
Date of Installation	-		
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main & Standby	33,4,480 Candela
		Emergency	
9	लैंटर्न/Lantern	Diameter	2.159m
		Height of glazing	1.231m
		No. of panes	8

		Ventilators	7						
10	RACON - NA-								
	Make	Model	Code	Band	Date of Installation				
	Tide Land	Sea Beacon System 6	G	X & S band	Oct-2005				
11	NAIS								
	Base Station		PSS Dwarka						
	Model	Type	Power	MMSI					
	Communication Equipment	Leased Line							
	VSAT Antenna Prodelin 2.4 meter								
	DGPS	-NA-	-	-		-			
	Trasmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Recapitalization	
	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	
	12	ऊर्जाकेसाधन/ <i>Source of energy</i>		Mains		440V/3phase/50Hz			
Standby				15KVA DG set					
Engine 1									
Make/Type				Qty	Rating	No of Cylinder	RPM	Cooling	
Kirloskar				1	20.5	2	1500	Air	
Alternator									
Make/Type				Qty	Rating	Voltage/Amp	Frequency	Phase	
Kirloskar				1	15KVA	240/62.5	50Hz	Single	
Solar Plant				Solar panels.					
Capacity PV				Numbers	Type	Battery	Bank		
10KWp	01	Mono Crystline	2V/1000AH 48Nos	01					
13	स्वचालितवोल्टेजस्टेबलाइजर <i>Automatic Voltage Stabilizers</i>								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	A.E. Make		5KV A	180-270 Volt	230 V +_ 1 %	three	01		
14	बैटरी <i>Batteries</i>								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			

	Main Light	SMF	Exide	12V	100AH	01 Nos		
	Genset		AMARON	12V	90AH	01Nos		
	NAIS	SMF	Exide	12V	150AH	02Nos		
	DGPS	-	-	-	-	-		
15	बैटरीचार्जर/ Battery charger							
	Equipment	Make	Model	Type	Rating	Qty		
		Aplab make Digital P.S			0-32V / 20 Amp	1		
	Automation							-
16	इंवर्टरInverter /UPS							
	Equipment	Nos	Make	Model	Type	Rating	Qty	input output
	Main Light							
	NAIS PSS							
	DGPS							
17	स्वचलनउपकरण Automation Equipment							
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band	
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make	
				DCP	4kg	08		
				DCP				
				Foam				
				Co2				
				Fire bucket		04		
19	संचार Communication			P & T telephone No.02892-234536				
20	जलपूर्ति Water Supply			10 Nos. Rain Water Storage Tank 1 No. attached to each of the seven Quarter, 1 No. Beside Old Powerhose and 2 Nos. for Inspection Quarter				
21	भूमि Land			1.003 hector				
22	इमारतें Buildings			LH Tower, Inspection Quarter, Powerhouse,. One No. N.A-II Quarter; One unit of LHA				

23	कंपाउंडलाइट Compound Lights	6 Nos. G.I. Poles Fitted with Energy Saver Lamps. Gate lights – 2 Nos	
24	सीसीटीवीकमेरा CCTV CAMERA		
25	स्टाफ Staff	Navigational Asst.- I(01) Navigational Asst.- II (01) Lighthouse Attendants-(01)	
26	पहुँचनेकामाध्यम Mode of approach	By Train upto Mahuva and then 15 km by Road up to Lighthouse	
27	उपलब्धसुविधाए Facilities available	Police Station, Dispensary, Post office, Bank etc are available at Mahuva town 15 km from the Lighthouse	
28	डाकपता Postal address	Station In-charge, Jegri Lighthouse, P.O Mahuva, Dist. Bhavnagar Pin – 364 290	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	3,00,760/-	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	15.01.1960	