

मास्टर लेजर/MASTER LEDGER

घोघा दीपस्तंभ / Ghogha Lighthouse

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0452	
2	स्थान/Position	Lat 21° 41.5' N Long 72° 16.6' E	
3	ऊंचाई/Elevation	18 M (Above MSL)	
4	अभिलक्षण/Characteristic	Occulting Red 15 Sec. (11 + 4= 15 Sec.)	
5	नॉटिकलमाइलमेदूरी Range in miles	11 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	Square masonry tower with semicircular.
		Height	16M
		Colour Scheme	2 Red and 1 White bands (Bottom band Red)
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	B.B.T, Drum optic (fixed)
		Type	1000 mm dia (Provided with red color filter)
		Size	1000 mm diameter
		No. of lens	
		Area of dioptric portion	
		Area of catadioptric portion	
		Divergence Main/Emergency	4 ° 0.54'(vertical) 0 °41' (vertical)
		Duration of Flash Main /Standby/Emergency	11 Sec
		Pedestal	Fixed
		Rotation Device	
		R.P.M.	
		Illuminant	Dhumketu Flasher made by JELs, Jamnagar
		Main	240V/1000W Electric Lamp
		Standby	
		Emergency:	100W/12V Halogen Lamp
		Date of Installation	
8		Main	32230 candela

	प्रभावीबीमतीव्रता/Effective beam intensity	Emergency	7444 candela						
9	लैंटर्न/Lantern	Diameter	2.0 m						
		Height of glazing	0.80 m						
		No. of panes	08						
		Ventilators	07						
10	RACON		Sr. No						
	Make	Model	Code		Band		Date of Installation		
11	NAIS –NA								
	Base Station								
	Model	Type	Power		MMSI				
	Communication Equipment								
	VSAT Antenna	Band	Modem						
	DGPS								
	Transmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Recapitalization	
12	ऊर्जाकेसाधन/Source of energy	Mains		440V/3-phase/50 Hz					
		Power Source		DG Set 15 KVA make Kirloskar					
		Engine 1							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Kirloskar	1	20.5 BHP	2	1500	Air		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amper	Frequency	Phase		
		Kirloskar	1	15 KVA	230V/62A	50Hz	Single		
		Solar Plant							
		Capacity PV	Numbers		Type	Battery	Bank		
		6 KWp	24 Nos		Mono Crystalline	48 Nos 2V/600AH	01 No.		
		Solar Plant for Main RACON							
Capacity PV	Numbers		Type	Battery	Bank				
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								

	Make	Model	Capa	Input	Output	Phase	Qty		
	Servo	N/A	8 KV A	180 To 260V	240	1	1		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	-	-	-	-	-			
	Genset	Lead acid	SF Sonic	12V	150AH	1			
	Automation								
	DGPS								
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose								
	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		
	RDS	Allen Bradley	RENU	24V		Robustel			
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type,ABC	4 kg	11			
				Water Co2	-	-			
				Foam Type	-	-			
19	संचार Communication			P & T Telephone 02782882530					
20	जलपूर्ति Water Supply			6 nos & 1 no underground rain water storage tanks provided					
21	भूमि Land			Area			0.6657 hectares		
				Demarcation			Masonry compound wall on all the four sides		
22	इमारतें Buildings			RCC Structure: 09 Nos			LH Tower, Inspection Quarter, Powerhouse, Store,		

			One HLK Quarter, One twin unit of ALK Quarters & One twin unit of LHA Quarters
23	कंपाउंडलाइट Compound Lights	7 Nos. G.I. Poles with LED lamp fitted Gate Light-02 10 Nos Solar LED street Light Gate lights – 2 Nos. 10 Nos Solar LED street Light	
24	सीसीटीवीकमेरा CCTV CAMERA	Camera DVR	
25	स्टाफ Staff	Sl. No	Designations
		1	Navigational Assistant -I
		2	Navigational Assistant -II and LHA -2 Nos
26	पहुँचनेकामाध्यम Mode of approach	By Train up to Bhavnagar , Then 19 Km by road up by upto Ghogha Lighthouse	
27	उपलब्धसुविधाए Facilities available	Police Station, Dispensary , Highschool ,Bank, Post office are available in Ghogha Town 2Km from Lighthouse	
28	डाकपता Postal address	N.A-I,Ghogha Lighthouse,P.O Ghogha,Dist.Bhavnagar,PIN-364110	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	Rs.70000/- and Equipments Rs.214000/-	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	06-03-1943	