

मास्टर लेजर/MASTER LEDGER

जयगड दीपस्तंभ/Jaigad Lighthouse

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0578	
2	स्थान/Position	Lat. 17 ⁰ 17. 8'N Long. 73 ⁰ 11. 6'E	
3	ऊंचाई/Elevation	41 m	
4	अभिलक्षण/Characteristic	GP fl (4) W every 20 Sec. (fl.0.25 ec.2.6, fl.0.25 ec.2.6, fl.0.25 ec.2.6, fl.0.25 ec.11.2)	
5	नॉटिकलमाइलमेदूरी Range in miles	25 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	C.I. Circular Tapered Tower
		Height	21 m
		Colour Scheme	2Red and 1White bands
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	Chance Bros. & Co. Ltd. England
		Type	2 nd order revolving
		Size	700 mm
		No. of lens	4
		Area of dioptric portion	8630 Sq.cm. (corrected area 6300 Sq.cm.)
		Area of catadioptric portion	15600 Sq.cm. (corrected area 13250 Sq.cm.)
		Divergence Main/Emergency	Horizontal – 4.48 ⁰ , Vertical – 3.26 ⁰
		Duration of Flash Main /Standby/Emergency	0.25 Sec.
		Lamp changer	N.A.
		Pedestal	Mercury float (137 Kg. in use)
		Rotation Device	Dual Stepper Motor 40 Kgcm with auto changeover
		R.P.M.	3
		illuminating	
		Main	SL- LED-324, SEALITE, 360W (under repair)

				3x150 MH Lamp cluster in use temporarily				
				Standby				N.A.
				Emergency				N.A.
				Date of Installation				1932
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main & Standby		1,00,000 cd				
		Emergency		-				
9	लैंटर्न/Lantern	Diameter		3 m				
		Height of glazing		2.48 m				
		No. of panes		30 (in 3 tiers) 6 Nos. land side blackened				
		Ventilators		23 No.s				
10	RACON		(Not available)					
	Make	Model	Code	Band	Date of Installation			
	N.A.	---	---	---	---			
11	NAIS (Not available)							
	Base Station							
	Model	Type	Power	MMSI				
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	Communication Equipment	---	---	---				
	VSAT Antenna	Band	Modem	---		---		
	DGPS	(not available)	---	---		---		
	Trasmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Re capitalization
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12	ऊर्जाकेसाधन/Sour ce of energy	Mains		440 V, 3 Phase M.S.E.B. Electricity				
		Standby		Genset				
		Engine 1						
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
		Kirloskar EA16	1	16 bhp	2	1500	Air	
		Alternator						
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
		BS1,H007E11602 KG-164H Kirloskar	1	7.5 KVA	240/31.2	50 Hz	1	
		Engine 2						
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.			

	Alternator								
	Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase			
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.			
	Solar Plant								
	Capacity PV	Numbers		Type	Battery	Bank			
	200 W	40		Zytech	Exide, VRLA 12V, 1000Ah	7 No.s			
	Solar Plant for Main RACON								
	Capacity PV	Numbers		Type	Battery	Bank			
	N.A.	N.A.		N.A.	N.A.	N.A.			
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	V S Power system	VSP SERO AIR	10 KVA	160V TO 260V	230V ± 1%	1	1		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	N.A.	N.A.	N.A.	N.A.	N.A.			
	Genset	SMF	Exide	12	100	1			
	Automation	N.A.	N.A.	N.A.	N.A.	N.A.			
	DGPS	N.A.	N.A.	N.A.	N.A.	N.A.			
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	N.A.	N.A.	N.A.	N.A.	N.A.			
	Automation	Mean well	DRP- 480- 24	SMPS	24V DC , 20A	1			
16	इंवर्टरInverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	output
	Main Light	3	Exide	EXIDE 850DSP PST UPS (M)	DSP PST UPS	850 VA	3	12 V DC	230V AC
	NAIS PSS	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	DGPS	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	Nelco	Telemechanics , momentum 171CBB97030	Scheide r Electric Magelis	24 to 24 V DC 24 to 12 V DC	Sky Edge	Sky Edge VSAT	VHF		

		XBT GT 2130				
18	आग्निशमनउपकरण Fire Fighting Equipment	Type of Extinguisher	Capacity	Nos	Make	
		D.C.P.	1 Kg	2	--	
		Foam	9 Litres	3	--	
19	संचार Communication	BSNL Tel. No. 02357 – 264002 (WLL) (Not working WLL signal withdrawal by BSNL)Station have only internet facility (Jio Router)				
20	जलपूर्ति Water Supply	Pumped by Electric driven pump 5 HP				
21	भूमि Land	Area	1.8 Hectares, 1.0 Hect. Without compound (compound wall work in progress on 1.0 Hect.area)			
		Demarcation	Compound Wall			
22	इमारतें Buildings	Quarters	One unit of Inspection Qrs. (Abandoned) one unit of HLK Qrs., two Unit of ALK & one unit of LHA quarters, one unit of Safaiwala Qrs.			
23	कंपाउंडलाइट Compound Lights	LED Lights	11 Nos., 2No's gate dome lights			
24	सीसीटीवीकमेरा CCTV CAMERA	Camera	N.A.			
		DVR	N.A.			
25	स्टाफ Staff	Sl. No	Designations			
		1	N.A.-II (1) - -			
		2	N.A.-III (1 No.Outsourced)			
		3	LHA - 1			
		4	Security Guard (1 No.Outsourced)			
26	पहुँचनेकामाध्यम Mode of approach	By Konkan Railways upto Ratnagiri and then by road about 60 kms. to Lighthouse.				
27	उपलब्धसुविधाए Facilities available	Marine Police Station	5 km from Lighthouse			
		Dispensary	15 km at Khandala from Lighthouse			
		High School	6 km from Lighthouse			
		Post office	5 km from Lighthouse			
28	डाकपता Postal address	Head LightKeepr, Jaigad Lighthouse, P.O. Jaigad, Tal. & Dist. Ratnagiri, PIN 415 614				
29	मूल्यकाब्योरा Cost details (At the time of Construction)	N.A.				
30	प्रवर्तनमेलानेकादिनांक Date of commissioning	1932				

