

मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Description			
1	ए.एल.ओ.एल/A.L.O.L.	F0600			
2	स्थान/Position	15*51.2' N 73*37.0' E			
3	ऊंचाई/Elevation	81m			
4	अभिलक्षण/Characteristic	Flash red every 5sec.			
5	नॉटिकलमाइलमेदूरी Range in miles	24NM			
6	दीपस्तंभ टावर/L.H.Tower	Type	Hexagonal Masonry		
		Height	13m		
		Colour Scheme	Black & White Horizontal Band		
7	ऑप्टिकलउपकरण Optical equipment	Optic	Revolving 3 rd order		
		Make	BBT Paris		
		Type	Revolving		
		Size	3 rd Order 375mm		
		No. of lens	3		
		Area of dioptric portion			
		Area of catadioptric portion			
		Divergence Main/Emergency	Main/Standby – 2* vertical Main/Standby – 6* Horizontal		
		Duration of Flash Main /Standby/Emergency	Single Flash Red every 5Sec.		
		Pedestal	Mercury Float		
		Rotation Device	Stepper Motor+Controller		
		R.P.M.	3		
		illuminant			
		Main	3 x 150w Metal Halide Lamp Cluster		
Standby					
Emergency:	50w 12VDC Halogen Lamp				
Date of Installation	Year 1968				
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main & Standby	528000cd		
		Emergency	28000cd		
9	लैंटर्न/Lantern	Diameter	2.5m		
		Height of glazing	1.3m		
		No. of panes	4		
		Ventilators			
10	RACON	Sr. No	6295		
	Make	Model	Code	Band	Date of Installation

11	NAIS								
	Base Station								
	Model	Type	Power		MMSI				
	R40	SAAB	230v		4192233				
	Communication Equipment								
	VSAT Antenna	Band	Modem						
	2.4m dia Parabolic Reflector	EX-C	Datum system M7LT Satellite Terminal						
	DGPS								
	Transmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Recapitalization	
	-	-	-	-	-	-	-	-	
	NAVTEX								
	Transmitter Make	Frequency	Power Output	Operation Slots	Transmitter ID	Date of commissioning	Date of Recapitalization		
	Make:Danphone	International-518Khz, Regional-490Khz)		Slots: 01:30, 09:30, 13:30, 17:50, 21:30	"J"		2015		
12	ऊर्जासाधन/ <i>Source of energy</i>	Mains							
		Standby							
		Engine 1							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Eicher	2	20kva	2	1500	Air		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Am p	Frequency	Phase		
		AH310200-326	2		230v	50Hz	1		
		Engine 2							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Kirloskar	1	7.5kva	2	1200	Air		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Am p	Frequency	Phase		
			1		230v	50Hz			

									1
	Solar Plant								
	Capacity PV	Numbers			Type	Battery	Bank		
	20kw	56 (345wp- Each)			ON Grid				
	Solar Plant for Main RACON								
	Capacity PV	Numbers			Type	Battery	Bank		
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	V. S. PAAWAR	VSP/SERVO/AIR	5kva	160 to 260	240v	1	1		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	-	-	-	-	-			
	Genset	-	-	-	-	-			
	Automation	EP26-12	Exide	12v	26Ah	2			
	NAVTEX	SMF VRLA	Amaron	12V	42 AH	12			
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	-	-	-	-	-			
	Automation	-	-	-	-	-			
16	इंवर्टर/Inverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	output
	Main Light								
	NAIS PSS	1	Exide	SN.1512037		0.5kva	1		230V
	NAVTEX	1	Hykon	AEB-7500		7.5 KVA	1		
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Mode m	Band		
	NELCO	Schneider Electric	Telemech aniq	24vdc		Sky Edge			
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type(u/s)	-	-	-		
				DCP Type(u/s)	-	-	-		
				Foam Type(u/s)	-	-	-		
				Water Type(u/s)	-	-	-		
				DCP Type	-	-	-		

19	संचार Communication	02366-299811	-
20	जलपूर्ति Water Supply	Borewell	
21	भूमि Land	Area	2.25 Acres
		Demarcation	Compound wall
22	इमारतें Buildings	Quarters-6 Nos. IQ, Power House	
23	कंपाउंडलाइट Compound Lights	9	
24	सीसीटीवीकमेरा CCTV CAMERA	Camera	
		DVR	
25	स्टाफ Staff	Sl. No	Designations
		1	Navigation Asst Gr-II-01
		2	LHA-01
26	पहुँचनेकामाध्यम Mode of approach	By road	
27	उपलब्धसुविधाए Facilities available	Marine Police Station	
		Dispensary	5km Appx
		High School	7km Appx
		Post office	3km Appx
28	डाकपता Postal address	Station In-Charge, Vengurla Point Lighthouse, P.O.- Vengurla, Dist.- Sindhudurg, Maharashtra - 416516	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	Equipment-Rs.3,43,750/-	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	Year - 1968	