

मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Description	
1	ए.एल.ओ.एल/A.L.O.L.	F0606	
2	स्थान/Position	Lat- 15° 29.32' N Long- 73° 46.20' E	
3	ऊंचाई/Elevation	85m	
4	अभिलक्षण/Characteristic	Flash 3 white every 20 sec.	
5	नॉटिकलमाइलमेदूरी Range in miles	Luminous: 26.8 Geographical: 19.8	
6	दीपस्तंभटावर/L.H.Tower	Type	Rectangular R.C.C White Tower
		Height	18m
		Colour Scheme	White
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	J. stone calcutta
		Type	Revolving with cut & polished prisms.
		Size	375mm(3 rd order small)
		No. of lens	3
		Area of dioptic portion	4552 sq cm
		Area of catadioptric portion	-
		Divergence Main/Emergency	7°.20' (horizontal) & 2°45'(vertical)
		Duration of Flash Main /Standby/Emergency	0.41 sec
		Lamp changer	-
		Pedestal	Cost Iron
		Rotation Device	Dual stepper motor(40 kg-cm)
		R.P.M.	3
		Illumining	
		Main	3×150W MH cluster
Standby	-		
Emergency:	-		
Date of Installation	se1976		

8	प्रभावीबीमतीव्रता/Effective beam intensity		Main & Standby					
			Emergency					
9	लैंटर्न/Lantern		Diameter		2.4m			
			Height of glazing		1.4m			
			No. of panes		12			
			Ventilators		08			
10	RACON		Sr. No.		ALORS 78980			
	Make	Model	Code		Band	Date of Installation		
	Pharos Marine	PMAPI-RACON-2	O		X	07.07.2018		
11	NAIS							
	Base Station							
	Model	Type	Power	MMSI				
	R-40	SAAB	230V	4192234				
	Communication Equipment							
	VSAT Antenna	Band	Modem					
	2.4 m diameter	C	HUGHES					
	DGPS							
	Trasmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Recapit alization
	Nautel	288 kHz	500W	410	411	105	05.06.1998	21.09.2017
12	ऊर्जाकेसाधन/ Source of energy	Mains			3 phase			
		Standby			DG Set			
		Engine 1						
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
		Kirloskar		32HP	3	1500	Air	
		Alternator						
		Make/Type	Qty	Rating	Voltage/ Amp	Frequency	Phase	
		Kirloskar		25KVA	415V/34.7	50 Hz	3 Phase	
		Engine 2						
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	

	Kirloskar		32HP	3	1500	Air			
	Alternator								
	Make/Type	Qty	Rating	Voltage/ Amp	Frequency	Phase			
	Kirloskar		25KVA	415V/34. 7	50 Hz	3 Phase			
	Solar Plant								
	Capacity PV	Numbers	Type	Battery	Bank				
	25kw	67	On grid	-	2				
	Solar Plant for Main RACON								
	Capacity PV	Numbers	Type	Battery	Bank				
150 W	75x2	-	12V/100A H	-					
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase Qty			
	Servomax	-	15 KVA	170-230 V AC	230V AC	01 03			
14	बैटरी Batteries								
	Equipme nt	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	-	-	-	-	-			
	Genset-I	MF	Dynex	12	100	01			
	Genset-II	MF	Dynex	12	100	01			
	Automation	MF	Exide Powersaf e	12	26	08	UPS		
		MF	Exide Powersaf e	12	26	02	Charg er		
	DGPS	MF	Amaron Quanta	12	42	16			
MF		Exide Powersaf e	12	42	06				
15	बैटरीचार्जर/ Battery charger								
	Equipme nt	Make	Mod el	Type	Rating	Qty			
	General Purpose	-	-	-	-	-			
	Automation	-	-	-	-	-			
16	इंवर्टर Inverter /UPS								
	Equipme nt	Nos	Mak e	Model	Type	Rating	Qty	input	output
	Main Light	3	Lumi nous	Ecowa tt Neo	Sine wave	1050/12V		230 VAC	230V AC

	NAIS PSS	1	APC			1 KVA		230 VAC	230V AC
	DGPS	1	APC	SRC10KUXI		10 KVA		230 VAC	230V AC
		1	APC	SRC3KUXI		3 KVA		230 VAC	230V AC
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	Nelco	Telemecanique	Schnider	-					
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				-	-	-	-		
				-	-	-	-		
				-	-	-	-		
				-	-	-	-		
19	संचार Communication			0832-2970036 BSNL LL with Broadbands					
20	जलपूर्ति Water Supply			PWD Water supply to Ground storage and then lifted to Overhead Tank					
21	भूमि Land			Area	0.8156 Hectare				
				Demarcation	Masonry Compound Wall				
				No. of Fruit Trees	20				
				No. of non-fruit Trees	20				
22	इमारतें Buildings			Quarters	Office Building + 2 twin unit qtrs + 5 Single Unit qtrs				
				Other Buildings	Garage				
23	कंपाउंडलाइट Compound Lights			19 nos Street Light + 02 Nos Gate Light					
24	सीसीटीवीकमेरा CCTV CAMERA			Camera	-				
				DVR	-				
25	स्टाफ Staff			Sl. No	Designations				
				1	Navigational Asst. Grade -I				
				2	Navigational Asst. Grade -III				
				3	Lighthouse Attendant				
				4					
				5					
				6					
				7					

26	पहुँचनेकामाध्यम Mode of approach	By Rail upto Thivim then 30 kms by road transport upto Siquerim then 3 Kms to LH by Walk or pilot	
27	उपलब्धसुविधाए Facilities available	Marine Police Station	-
		Dispensary	PHC 7 Kms at Condolim
		High School	KV at 12 Kims in Veram
		Post office	8 Kms at Condolim
		Police Station	Police Station 10 Kms at Calangute
28	डाकपता Postal address	Asst. Engr.(E), Aguada LH and DGPS Stn, Siquerim, Condolim, Bardez-Goa-403 515	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	-	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	June 1998	