

## मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Description	
1	ए.एल.ओ.एल/A.L.O.L.	F 0628	
2	स्थान/Position	Lat. 15° 21.1'N Long. 73° 45.8'E	
3	ऊंचाई/Elevation	93m	
4	अभिलक्षण/Characteristic	Fl. WR (4) ev 20Sec. (fl. 0.5, ec 1.5, fl. 0.5, ec 1.5 fl. 0.5, ec 1.5 fl. 0.5, L.ec 13.5) (R 185° to 225°= 40°, W 225° to 185°=320°)	
5	नॉटिकलमाइलमेदूरी Range in miles	W - 5.6 NM, R - 6.3 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	Circular RCC Tower with external spiral
		Height	16m
		Colour Scheme	Black & White bands (3)
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	Sealite SL-125/3
		Type	Ultra bright 108 LEDs
		Size	200 mm
		No. of lens	---
		Area of dioptric portion	-
		Area of catadioptric portion	-
		Divergence Main/Emergency	Horizontal - 360°, Vertical - 9°
		Duration of Flash Main /Standby/Emergency	0.5 sec.
		Pedestal	Cast iron
		Rotation Device	
		R.P.M.	
		illuminating	
		Main	Ultra bright 108 LEDs
Standby			
Emergency:			
Date of Installation			
8		Main & Standby	Red - 176, White - 121 cd

	प्रभावीबीमतीव्रता/Effective beam intensity	Emergency						
9	लैंटर्न/Lantern	Diameter		500mm				
		Height of glazing						
		No. of panes						
		Ventilators						
10	RACON		Sr. No		6295			
	Make	Model	Code		Band	Date of Installation		
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11	NAIS							
	Base Station							
	Model	Type	Power		MMSI			
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	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
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12	ऊर्जासिाधन/Source of energy	Mains			-NA-			
		Standby						
		Engine 1						
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
		-NA-						
		Alternator						
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
		-NA-						
		Engine 2						
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
		-NA-						
		Alternator						
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
		Solar Plant						
		Capacity PV	Numbers		Type	Battery	Bank	
140Watt	2x70w		Monocrystalline	12V/75AH:2Nos.	1			

			Solar Plant for Main RACON							
			Capacity PV	Numbers	Type	Battery	Bank			
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13	स्वचालितवोल्टेजस्टेबलाइजर <b>Automatic Voltage Stabilizers</b>									
	Make	Model	Capacity	Input	Output	Phase	Qty			
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14	बैटरी <b>Batteries</b>									
	Equipment	Type	Make	Volt	Amp/Hr	Qty				
	PSS NAIS	--								
	Genset	--								
	Automation	--								
	DGPS	--								
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		--							
	DGPS		--							
17	स्वचलनउपकरण <b>Automation Equipment</b>									
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band			
	NELCO	--								
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 <b>Communication</b>			--						
20	जलपूर्ति			--						

	<b>Water Supply</b>		
21	भूमि <b>Land</b>	Area	Land owned by M/o Defence
		Demarcation	
22	इमारतें <b>Buildings</b>	Nil, except Lighthouse tower (other available buildings are under control of Indian Navy)	
23	कंपाउंडलाइट <b>Compound Lights</b>	--	
24	सीसीटीवीकमेरा <b>CCTV CAMERA</b>	Camera	
		DVR	
25	स्टाफ <b>Staff</b>	Sl. No	Designations
		1	---
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26	पहुँचनेकामाध्यम <b>Mode of approach</b>		
27	उपलब्धसुविधाए <b>Facilities available</b>	Marine Police Station	--
		Dispensary	--
		High School	---
		Post office	--
28	डाकपता <b>Postal address</b>	C/o Assistant Engineer (E), Aguada Lighthouse & DGPS station.	
29	मूल्यकाब्योरा <b>Cost details</b> (At the time of Construction)	--	
30	प्रवर्तनमेलानेकादेनांक <b>Date of commissioning</b>	29 <sup>th</sup> December 1977	