

मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Description			
1	ए. एल. ओ. एल/A.L.O.L.	F-0756			
2	स्थान/Position	Latitude 10° 02.30"N, Longitude 72° 17.00" E			
3	ऊंचाई/Elevation	38 M (Above MSL)			
4	अभिलक्षण/Characteristic	Fl (2) White 20Sec			
5	नॉटिकल माइल मे दूरी Range in miles	Luminous 19.0 Nm, Geographical 17.5 Nm			
6	दीपस्तंभ टावर/L.H.Tower	Type	Cast iron circular tower		
		Height	30 M		
		Colour Scheme	Red and White Band		
7	ऑप्टिकल उपकरण Optical equipment	Optic			
		Make	Sealite, Australia		
		Type	LED flasher		
		Size	300mm lens dia		
		Illumining			
		Main	High-intensity LEDs (65W)		
		Standby	---		
		Date of Installation	10.04.2021		
8	प्रभावी बीम तीव्रता/Effective beam intensity	Main			
		Emergency			
9	लैंटर्न/Lantern	Diameter			
		Height of glazing			
		No. of panes			
		Ventilators			
10	RACON				
	Make	Model	Code	Band	Date of Installation
	Wealth marine	WM-RB-II	O	X	21.10.2011
Equipment was found defective and hence removed and sent to DLL Cochin, for repair on 24.01.2014.					
11	NAIS				
Base Station		2 Nos-AIS1 & AIS2			
Model	Type	Power			
R40	Class A	AC-230V & DC-24V			
Communication Equipment					
VSAT Antenna	Modem				
2.4 m dia Parabolic reflector	Datum				
DGPS : NIL					
		Mains		Nil	
		Emergency Power Source		Solar plant 5KVA capacity	

12	ऊर्जा के साधन/ Source of energy	Engine : Nil						
		Solar Plant: 5KVA for NAIS PSS						
		Capacity PV	Numbers	Type	Battery bank			
		100W/ 12V	16 Nos		96 V			
		Solar Panel for Main Light						
		Capacity PV	Numbers	Type	Battery			
	100 W/12V	02 No.	TBP	02 No, 12V/100Ah				
13	स्वचालित वोल्टेज स्टेबलाइजर Automatic Voltage Stabilizers: NIL							
14	बैटरी / Batteries							
	Equipment	Type	Make	Volt	Amp/Hr	Qty		
	Main Light	Lead acid	Exide	12V	100 Ah	2		
	Solar Plant	SMF VRLA	Exide	2V *6 Nos	300Ah	8 sets (Total 96V)		
15	बैटरी चार्जर/ Battery chargers : NIL							
16	इंवर्टर Inverter /UPS							
	Equipment	Make	Model	Type	Rating	Qty	input	Output
	NAIS PSS	Sunbird		Off-grid	5 KVA	1	96 V DC	230V AC
	DGPS	NIL						
17	स्वचलन उपकरण Automation Equipment							
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band	
	RDS	Micrologix	Renu Electronics PVT LTD	24 V DC	1.2m dia Parabolic reflector	Hughes		
18	आग्निशमन उपकरण Fire Fighting Equipment			NIL				
19	संचार Communication			NIL				
20	जलपूर्ति Water Supply			Open well and rainwater collection tank provided.				
21	भूमि Land			Area				
				Demarcation				
22	इमारतें Buildings			1. Inspection quarter 2. LHA quarter				
23	कंपाउंड लाइट Compound Lights			Nil				
24	सीसीटीवी कमेरा CCTV CAMERA			Nil				
25	स्टाफ/ Staff			Nil				
26	पहुँचने का माध्यम Mode of approach			By Ship from Kochi or by private boat from Agatti / Kavaratti.				

27	उपलब्ध सुविधाएँ Facilities available	Nil
28	डाक पता Postal address	C/o Navigational Assistant Gr-I, Kavaratti Lighthouse, Kavaratti island, UT of Lakshadweep 680 555
29	मूल्य का ब्योरा Cost details (At the time of Construction)	
30	प्रवर्तन में लाने का देनांक Year of commissioning	1975