

मास्टर लेजर/MASTER LEDGER

क्रमसंख्या/ Sr.No	नाम Name	विवरण /Description			
1	ए. एल. ओ. एल/A.L.O.L.	F 1201			
2	स्थान/Position	Lat.10° 04.50' N , long 73° 58.54' E			
3	ऊंचाई/Elevation	44.01M (Above MSL)			
4	अभिलक्षण/Characteristic	GP.FL.3(W)EVERY 20SECS			
5	नॉटिकल माइल मे दूरी Range in miles	18NM			
6	दीपस्तंभ टावर/L.H.Tower	Type	Circular RCC block masonry tower		
		Height	37M		
		Colour Scheme	Black and White Band		
7	ऑप्टिकल उपकरण Optical equipment	Optic			
		Make	J.stone&co		
		Type			
		Size	300mm 4th revolving optic		
		No. of lens	3		
		Area of dioptric portion	1700 Sq. cm		
		Area of catadioptric portion	9000 Sq. cm		
		Divergence Main/Emergency	9°32' (Horizontal) 8°35' (Vertical)		
		Duration of Flash Main /Standby/Emergency	0.53 Sec		
		Pedestal	Ball bearing type		
		Rotation Device	Stepper motor		
		R.P.M.	3 RPM		
		Illumining			
		Main	230V/400W Metal Halide Lamp		
		Standby			
Emergency:					
Date of Installation	28-05-2003				
8	प्रभावी बीम तीव्रता/Effective beam intensity	Main	2.56.989 candelas		
		Emergency			
9	लैंटर्न/Lantern	Diameter	2.4m		
		Height of glazing	1.38m		
		No. of panes	12		
		Ventilators	8		
10	RACON	Sr. No	6295		
	Make	Model	Code	Band	Date of Installation

11	NAIS										
	Base Station			2 Nos-AIS1 & AIS2							
	Model	Type	Power		MMSI						
	R40	Class A	AC-230V & DC-12V		4198001						
	Communication Equipment										
	VSAT Antenna		Band	Modem							
	2.4m dia Parabolic reflector		EX-C	Datum system M7LT Satellite Terminal							
12	ऊर्जा के साधन/ Source of energy	Mains				EB					
		Power Source				DG Set 7.5 KVA make kirlosker					
		Engine 1									
		Make/Type	Qty	Rating		No of Cylinder	RPM	Cooling			
		kirlosker	1	16 BHP		3	1500	Air			
		Alternator									
		Make/Type	Qty	Rating		Voltage/Amp		Frequen cy	Phase		
	Stamford	1	7.5KVA		240V/130.4A		50Hz	Single			
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers										
	Make	Model	Capa city	Input		Output	Phase	Qty			
	SUPRA	Supra hi tech electro	5KVA	230		230	SINGL E	1			
14	बैटरी Batteries										
	Equipment	Type	Make	Volt		Amp/ Hr	Qty				
	PSS NAIS	-	-	-		-	-				
	Genset	Lead acid	Exide	12V		150 AH	1				
	Automation	SMF	Exide	12V		42 AH	2				
	DGPS										
15	बैटरी चार्जर/ Battery charger										
	Equipment	Make	Model	Type		Ratin g	Qty				
	General Purpose										
	Automation	Power X Engg	---	----		15 Amps	01				
16	इंवर्टर Inverter /UPS										
	Equipment	Nos	Make	Model		Type	Rati ng	Qty	inp ut	Output	
	Main Light	---	---	---		---	---	---	---	---	
	NAIS PSS	02	SUKAM	----		Pure sine wave	1 KVA	2	12V DC & 230 AC	230VAC	
17	स्वचलन उपकरण Automation Equipment										
	MAKE	PLC	HMI	Power Supply		VSAT	Modem		Band		
	RDS Pune	Schneider &	Schneider	24 V DC		1.8m dia	SkyEdge		EX.C		

		Telemecanique			Parabolic reflector			
18	आग्नि शमन उपकरण Fire Fighting Equipment	Type of Extinguisher	Capacity	Nos	Make			
		Fire extinguisher Map90	1 kg	1				
		Fire extinguisher Map90	4 kg	2				
		Fire extinguisher AFFF	9 Ltr	3				
		Fire extinguisher CO2	4.5KG	2				
		Fire buckets	02(new)04nos (old)					
19	संचार Communication	The station is connected with P&T telephone No.04985252628						
20	जलपूर्ति Water Supply	Open well with salt water available in the station , 2 Nos rain water (3000ltr)collection tank provided.1000ltr capacity tank with 1HP motor pump						
21	भूमि Land	Area	2520sqm					
		Demarcation	Not Available					
22	इमारतें Buildings	RCC Structure	Power house cum office,store room and toilet					
		Timber Construction level	Inspection Qtr., HLK quarter,twin unit of NA quarter,twin unit of LHA Quarter,EB power supply distribution room					
23	कंपाउंड लाइट Compound Lights	LED Light fitted on G.I Pole-6 Nos,2nos gate lite						
24	सीसीटीवी कमेरा CCTV CAMERA	NA						
25	स्टाफ Staff	Sl. No	Designations					
		1	Navigational Assistant GrIII					
		2	6NOS Outsourcing staff					

26	पहुँचने का माध्यम Mode of approach	By sea from cochin to kalpeni or by helicopter in case of emergency.
27	उपलब्ध सुविधाएँ Facilities available	The nearest Post office, Dispensary, High School, Police Station are available at kalpeni island. Nearest port is at kalpeni port, The Island is otherwise inhabited
28	डाक पता Postal address	Head light keeper Kalpeni light house Kalpeni island Pin:682557
29	मूल्य का ब्योरा Cost details (At the time of Construction)	N/A
30	प्रवर्तन में लाने का देनांक Date of commissioning	21/11/1976