

मास्टर लेजर/MASTER LEDGER

किटिंग पॉइंट दीपस्तंभ और डी जी पी एस स्टेशन/ KEATING POINT LIGHTHOUSE AND DGPS STATION

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 1220	
2	स्थान/Position	Lat.9° 15.48' N Long 92° 46.30' E	
3	ऊंचाई/Elevation	37 M (Above MSL)	
4	अभिलक्षण/Characteristic	Fl (1) W 10 sec (fl 0.15, ec 9.85 sec)	
5	नॉटिकलमाइलमेदूरी Range in miles	26 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	C.I. Circular tower on RCC Base
		Height	35M
		Colour Scheme	Red and White Band
7	ऑप्टिकलउपकरण Optical equipment	Optic	VRB-25 LED
		Make	Vega
		Type	Rotating Beacon
		Size	-
		No. of lens	-
		Area of dioptric portion	-
		Area of catadioptric portion	-
		Divergence Main/Emergency	1.5° (Horizontal) 1.5° (Vertical)
		Duration of Flash Main /Standby/Emergency	0.25 Sec
		Pedestal	
		Rotation Device	Motor drive- 3Ph, electronically commuted 30 pole direct drive
		R.P.M.	
		illuminating	i) Electronic Flasher MF-12 (256 programmable character ii) High intensity LED diodes 6Watts
		Main	
		Standby	Model-SL155-5D Lens dia 171 mm make: Sealite
Emergency:			
Date of Installation	2017		
8		Main	1500 cds

	प्रभावीबीमतीव्रता/Effective beam intensity	Emergency							
9	लैंटर्न/Lantern	Diameter							
		Height of glazing							
		No. of panes							
		Ventilators							
10	RACON		Sr. No		6295				
	Make	Model	Code		Band		Date of Installation		
	Tideland	Sea beacon 2 system 6 Racon	O		X and S		26-08-2005		
11	NAIS								
	Base Station		2 Nos-AIS1 & AIS2						
	Model	Type	Power		MMSI				
	R40	Class A	AC-230V & DC-12V		4198005				
	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 Recapit alization	
	Nautel	317 KHz	1000 Watts	438	439	119		N/A	
	NAVTEX								
	Transmitter Make	Frequency	Power Output	Transmitter Model	AVR	UPS	Date of commissioning	Date of Recapit alization	
	Danphone	518/490 Khz	1000W	Futronic Navtex Transmitter T-507M-D	15 KVA Servo Srabilizer	7.5 KVA/14 4V Online	----	N/A	
12	ऊर्जाकेसाधन/Source of energy	Mains			3 phase 440 V 50Hz Electricity Board supply				
		Standby			DG Set 20 KVA				
		Engine 1							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Kirloskar	1	32 HP	3	1500	Air		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase		
		Kirloskar	1	20 KVA	240V/83.3 A	50Hz	Single		
Engine 2									

		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling
		Kirloskar	1	32 HP	3	1500	Air
		Alternator					
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase
		Kirloskar	1	20 KVA	240V/83.3 A	50Hz	Single
		Engine 3					
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling
		Kirloskar	1	25.5 HP	3	1500	Air
		Alternator					
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase
		Kirloskar	1	20 KVA	240V/86.9 A	50Hz	Single
		Engine 4					
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling
		Kirloskar	1	25.5 HP	3	1500	Air
		Alternator					
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase
		Kirloskar	1	20 KVA	240V/86.9 A	50Hz	Single
		Solar Plant					
		Capacity PV	Numbers		Type	Battery	Bank
		30 KWp	90 Nos		Mono Crystalline	120 Nos 2 V/600 AH	01 No.
		Solar Plant for Main RACON					
		Capacity PV	Numbers		Type	Battery	Bank
		35 W/12V	01 No.		TBP 1275	01 Nos 12V/100AH	01 No.
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers						
	Make	Model	Capacity	Input	Output	Phase	Qty
	AE	EMS-12-1	12.5 KVA	230 V 50 Hz	230 V 50Hz	Single Phase	01
14	बैटरी Batteries						
	Equipment	Type	Make	Volt	Amp/ Hr	Qty	
	PSS NAIS	-	-	-	-	-	
	Genset	Lead acid	Exide	12V	150 AH	4	
	Automation	SMF	Exide	12V	42 AH	2	
	DGPS	SMF	Exide	12 V	42 AH	19	
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	02	APC	---	Pure sine wave	1 KVA	2	12V DC & 230 AC	230VA C
	DGPS	01	APC	---	Pure sine wave	5KVA	1	12V DC & 230 AC	230VA C
		01	Hykon	---	Pure sine wave	3KVA	1	12V DC & 230 AC	230VA C
17	स्वचलन उपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	NELCO	Schneider & Telemecanique	Schneider	24 V DC	1.8m dia Parabolic reflector	SkyEdge	EX.C		
18	आग्निशमन उपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type	5 kg	3	Kanex		
				Water Type	9 Ltr	1	Kanex		
				Co2 Type	4.5 Ltr	3	Kanex		
19	संचार Communication			BSNL mobile communication available					
20	जलपूर्ति Water Supply			Water pipe line connection from Water supply board available and Rain Water Harvesting of tank capacity 20000 ltrs					
21	भूमि Land			Area		13 acre			
				Demarcation		Not Available			
22	इमारतें Buildings			RCC Structure: 05 Nos			Power House-cum Transmitter and DGPS room, Coil Hut-02 nos, Inspection Qtr., Nav. Asst. Qtr., Navtex Operators Qtrs.-06 nos.		
23	कंपाउंड लाइट Compound Lights			Solar street light LED Light fitted on G.I Pole-16 Nos					
24	सीसीटीवी कमेरा			Camera			08 Nos		
				DVR			01 Nos		

	CCTV CAMERA		
25	स्टाफ Staff	Sl. No	Designations
		1	Navigational Assistant Gr-II -03 Nos Navigational Assistant Gr-III -01 No.
		2	LHA -02 Nos.
26	पहुँचनेकामाध्यम Mode of approach	Travel to island in sea route from Port Blair by DSS vessel or Departmental Vessel to Keating point Jetty, further travel by road in vehicle upto 5 Km to reach lighthouse.	
27	उपलब्धसुविधाए Facilities available	Medical ,market etc and other basic facilities are available 15 KM away from the station	
28	डाकपता Postal address	Assistant Engineer (E) Keating Point Lighthouse Mus village, Car Nicobar Pin: 744301.	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	N/A	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	1969	