

मास्टर लेजर/MASTER LEDGER

नॉर्थ पॉइंट दीपस्तंभ/NORTH POINT LIGHTHOUSE

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 1205	
2	स्थान/Position	Lat.11° 42.28' N Long 92° 45.29' E	
3	ऊंचाई/Elevation	72 M (Above MSL)	
4	अभिलक्षण/Characteristic	fl (2) W 12 sec fl 0.5,ec 1.0, fl 0.5, ec 10)	
5	नॉटिकलमाइलमेदूरी Range in miles	20 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	C.I. Circular tower on RCC Base
		Height	35M
		Colour Scheme	Red and White Spiral Band
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	BBT
		Type	
		Size	300 mm
		No. of lens	4
		Area of dioptic portion	-
		Area of catadioptric portion	-
		Divergence Main/Emergency	0.38° (Horizontal) 0.76° (Vertical)
		Duration of Flash Main /Standby/Emergency	0.25 Sec
		Pedestal	Mercury float
		Rotation Device	Stepper motor
		R.P.M.	2.5
		illuminating	
		Main	230V/400W Metal Halide Lamp
		Standby	LED Marine Lantern BDL 250 make LMV lens dia 250mm
		Emergency:	
		Date of Installation	12-07-1972
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main	600000 cds
		Emergency	
9	लैंटर्न/Lantern	Diameter	2.5 m
		Height of glazing	1.3 m

			No. of panes	20					
			Ventilators	09					
10	RACON								
	Make	Model	Code	Band	Date of Installation				
	Pharos Marine		K	X	16.09.2016				
11	NAIS								
	Base Station		2 Nos-AIS1 & AIS2						
	Model	Type	Power	MMSI					
	R40	Class A	AC-230V & DC-12V	4198003					
	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		
12	ऊर्जाकेसाधन/Source of energy		Mains		230 V 50 Hz Electricity Board Supply				
			Standby		DG Set 15 KVA make Kirloskar				
			Engine 1						
			Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
			Kirloskar	1	20 BHP	2	1500	Air	
			Alternator						
			Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
			Kirloskar	1	15 KVA	240V/12 A	50Hz	Single	
			Solar Plant						
			Capacity PV	Numbers		Type	Battery	Bank	
			7 KWp	28 Nos		Mono Crystalline	72 Nos 12V/600AH	01 No.	
			1.8 KWp	06 nos,300 W each		Mono crystalline	36 nos,2 V,600 AH	01 No.	
Solar Plant for Main RACON									
Capacity PV	Numbers		Type	Battery	Bank				
70 W/12V	01 No.		TBP 1275	01 Nos 12V/100AH	01 No.				
13	स्वचालित वोल्टेज स्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	AE	-	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	100 AH	1		
	Automation	SMF	Exide	12V	42 AH	2		
	DGPS							
15	बैटरीचार्जर/ Battery charger							
	Equipment	Make	Model	Type	Rating	Qty		
	General Purpose							
	Automation	Power X Engg	---	---	15 Amps	01		
16	इंवर्टरInverter /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	NA						
17	स्वचलनउपकरण 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	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make	
				DCP Type	6 kg	3	Firestone	
				Water Co2	9 Ltr	1	Omex	
				Foam Type	9 Ltr	1	AFFF	
				Co2	4.5 Kg	1	Firestone	
				Fire Bucket	-	6		
19	संचार Communication			Not Available				
20	जलपूर्ति Water Supply			Rain water collection tank provided.				
21	भूमि Land			Area		4.21 hectres		
				Demarcation		Barbed wire fencing		

22	इमारतें Buildings	RCC Structure	Two separate staff quarters and Building consisting of two rooms with A.C Sheet roofing of size (40 Sq.m) to serve as store and power house.)
23	कंपाउंडलाइट Compound Lights	LED Light fitted on G.I Pole-25 Nos	
24	सीसीटीवीकमेरा CCTV CAMERA	Camera	04 Nos
		DVR	01 Nos
25	स्टाफ Staff	Sl. No	Designations
		1	Navigational Assistant Gr-III
		2	LHA
26	पहुँचनेकामाध्यम Mode of approach	Distance is around 10 Km from Port Blair, travel by mechanized boat from Chatham jetty to northpoint jetty, then by walk of half a KM. Alternate way to the Lighthouse can be approached by road from Port Blair and distance is 50 Km approx.	
27	उपलब्धसुविधाए Facilities available	The nearest Post office, Dispensary, High School, Police Station all are available at Port Blair / Bambooflat at a distance of 12 Km.[Approach road is broken after Earth quake and Tsunami]	
28	डाकपता Postal address	C/o The Director Dte. Of Lighthouses and Lightships Deep Bhavan 44 B.S Road, Port Blair Pin: 744202.	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	N/A	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	12.07.1972	