

मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Description	
1	ए.एल.ओ.एल/A.L.O.L.	F 0644	
2	स्थान/Position	Lat. 14° 16.5'N Long. 74° 26.6'E	
3	ऊंचाई/Elevation	38m	
4	अभिलक्षण/Characteristic	fl W 15 Sec.	
5	नॉटिकलमाइलमेदूरी Range in miles	i) Luminous : 18 NM ii) Geographical : 19 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	Octagonal RCC column Tower
		Height	21 m
		Colour Scheme	Red & White bands
7	ऑप्टिकलउपकरण Optical equipment	Optic	-
		Make	Wealth Marine Pvt. Ltd., Singapore
		Type	WM – RB 500 Marine Rotating Beacon
		Size	200mm
		No. of lens	6 (3 fresnel lense + 3 blanks)
		Area of dioptric portion	—
		Area of catadioptric portion	—
		Divergence Main/Emergency	Horizontal - 1.65°, Vertical 2.42°

		Duration of Flash Main /Standby/Emergency	0.1 sec		
		Pedestal	GI rectangular pedestal		
		Rotation Device	2 Nos. Stepper Motors.		
		R.P.M.	0.67		
		illuminating	70 W Metal Halide Lamp		
		Main	230 v /70w lamp		
		Standby	—		
		Emergency:	---		
		Date of Installation	28.03.2008		
8	प्रभावीबीमतीव्रता/ Effective beam intensity	Main & Standby	56757 cd		
		Emergency	--		
9	लैंटर्न/ Lantern	Diameter	2.4 mtr.		
		Height of glazing	1.35 mar		
		No. of panes	12 Nos. glazing panes		
		Ventilators	6 Nos.		
10	RACON		Sr. No	N/A	
	Make	Model	Code	Band	Date of Installation
	N/A	N/A	N/A	N/A	N/A
11	NAIS				
	Base Station				
	Model	Type	Power	MMSI	
	R40		230 V	4192236	
	Communication Equipment				
	VSAT Antenna	Band	Modem		

	2.4m dia Parabolic reflector	EX-C	Hughes model no -HT2300						
	DGPS								
	Transmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Recapitalization	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	ऊर्जासाधन/ Source of energy	Mains			440V, 3 phase 50H , Solar panels				
		Standby			Genset				
		Engine 1							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Kirloskar EA/16	1	11.8 KW 16 BHP	2 N o s	1500	A i r C o o l e d		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amper	Frequency	Phase		
		Kirloskar Green	1	7.5 KVA	240V /31.2 A	50 Hz	Single		
		Engine 2							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amper	Frequency	Phase		
		Solar Plant							
Capacity PV	Numbers	Type	Battery	Bank					

		75W/12V 80W/12V	05nos 04nos	Monocrystal line	12v/510Ah	2	
	Solar Plant for Main RACON			N/A			
	Capacity PV	Numbers	Type	Battery	Bank		
	N/A	N/A	N/A	N/A	N/A	N/A	
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers						
	Make	Model	Capacit y	Input	Output	Phase	Qty
	Auto Elect Ltd	KYC25C		160 - 260	230 V	Single	01 no
14	बैटरि Batteries						
	Equipment	Type	Make	Volt	Amp/Hr	Qty	
	PSS NAIS	SMF	HBL	12V	150AH	02 nos	
	Genset	Lead Acid	EXIDE	12V	100AH	01 nos	
	Automatio n	EP 26-12	Exide	12V	26 AH	02 nos	
	DGPS	N/A	N/A	N/A	N/A	N/A	
15	बैटरिचार्जर/ Battery charger						
	Equipment	Make	Mo del	Type	Rating	Qty	
	General Purpose	1)Aplab 2)Oswal	L-3220 Line on		0 - 20A 5A	01 no 01 no	
	Automation	Powerex Engg			15 A	01 no	
16	इंवर्टरInverter /UPS						

	Equip ment	No s	Make	Model	Type	Rating	Qty	input	output
	Main Light	1	Exide	DSP PST	Pure sine wave	850VA	1	12V	230V
	NAIS PSS	1	Exide	DSP PST	Pure sine wave	1450V A	1	24V	230V
	DGPS								
17	स्वचलनउपकरण Automation Equipment								
	MAK E	PLC	HMI	Power Supply	VSAT	Modem	Band		
	NEL CO	Telemacani que 4port switch	Schneid er Electric	24V DC					
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type(u/s)	5kg	2	Queen Fire		
				DCP Type(u/s)	-NA-				
				Foam Type(u/s)	-NA-				
				Water Type(u/s)	-NA-				
				DCP Type	-NA-				
19	संचार Communication			BSNL Tel. No - +91-8387 200631			BSNL internet FTTH		
20	जलपूर्ति Water Supply			Municipal water connection					
21	भूमि Land			Area			LH & PH - 214 Sq. mt., Qtrs – 414 Sq.mt		
				Demarcation			Laterite masonry compound		
22	इमारतें Buildings			Quarters-			2 Nos		

23	कंपाउंडलाइट Compound Lights	Street Light Gate Light	04nos 02nos
24	सीसीटीवीकमेरा CCTV CAMERA	Camera	N/A
		DVR	N/A
25	स्टाफ Staff	Sl. No	Designations
		1	Mairaj Naseem Ansari Navigational Assistant Grade-II
26	पहुँचनेकामाध्यम Mode of approach	By rail upto Honavar, then 6.5 kms. by auto upto Honavar LH in Civil Hospital Campus	
27	उपलब्धसुविधाए Facilities available	Marine Police Station	3km
		Dispensary	100 metre
		High School	4km
		Post office	1.5 km
28	डाकपता Postal address	Station Incharge, Honavar Lighthouse,Civil Hospital Campus. P.O. Honavar, Dist- Uttara Kannada ,Karnataka - 581334	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	Rs. 72,22,700/-	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	31.03.2008	