

मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Description	
1	ए.एल.ओ.एल/A.L.O.L.	F 0651	
2	स्थान/Position	Lat. 13 ⁰ 39.6'N Long. 74 ⁰ 39.5'E	
3	ऊंचाई/Elevation	34.5m	
4	अभिलक्षण/Characteristic	fl (2)W 10 Sec.	
5	नॉटिकलमाइलमेदूरी Range in miles	i) Luminous	:18 NM
		ii) Geographical	:19 NM
6	दीपस्तंभटावर/L.H.Tower	Type	Round R.C.C. Tower
		Height	31.5 m
		Colour Scheme	Red & White bands (3 Red & 2 White bands)
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	WM – RB 500 Marine Rotating Beacon
		Type	Wealth Marine Pvt. Ltd., Singapore
		Size	200mm
		No. of lens	6 (4 Fresnellens + 2 blanks)
		Area of dioptric portion	
		Area of catdioptricportion	
		DivergenceMain/Emergency	Horizontal - 1.65 ⁰ , Vertical 2.42 ⁰
		Duration of Flash Main /Standby/Emergency	0.1 Sec.
		Pedestal	GI rectangular pedestal
		Rotation Device	Dual Stepper Motor 40 Kg/cm with auto change over
		R.P.M.	3
		illuminating	
		Main	MH 70W
		Standby	
Emergency:			
Date of Installation	23.10.2007		
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main & Standby	70408 cd
		Emergency	
9	लैंटर्न/Lantern	Diameter	2.4 m
		Height of glazing	
		No. of panels	12
		Ventilators	11
10	RACON n/a	Sr. No	6295

	Make	Model	Code	Band	Date of Installation			
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11	NAIS							
	Base Station		-NA-					
	Model	Type	Power	MMSI				
	Communication Equipment		-NA-					
	VSAT Antenna	Band	Modem					
	DGPS							
	Transmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Recapitalization
12	ऊर्जासाधन/ Source of energy	Mains						
Standby								
Engine 1								
Make/Type		Qty	Rating	No of Cylinder	RPM	Cooling		
KIRLOSKAR/ EA-16		01	16bhp 11.8k	2	1500	AIR		
Alternator								
Make/Type		Qty	Rating	Voltage/Amp	Frequency	Phase		
KIRLOSKAR		01	7.5KV a	240V/ 31.2A	50HZ	1		
Engine 2								
Make/Type		Qty	Rating	No of Cylinder	RPM	Cooling		
Alternator								
Make/Type		Qty	Rating	Voltage/Amp	Frequency	Phase		
Solar Plant								
Capacity PV		Numbers	Type	Battery	Bank			
12V/ 70 W		5	Monocrystalline	EXIDE 600AH VRLA	2			
12V/ 80 W		16						
Solar Plant for Main RACON								
Capacity PV		Numbers	Type	Battery	Bank			
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13	स्वचालितवोल्टेजस्टेबलाइजर/Automatic Voltage Stabilizers							
Make	Model	Capacity	Input	Output	Phase	Qty		
V S POWER SYSTEMS	VSP/SE RVO/AIR-INDIA	5kva	160-260	240	1	01		

		22001 068							
14	बैटरी/ Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	n/a							
	Genset	MF	EXIDE	12V	150AH	01			
	Automation	MF	AMARON	12V	26AH	02 NO.S			
	DGPS								
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose								
	Automation								
16	इंवर्टर /Inverter /UPS								
	Equipment	No s	Make	Model	Type	Rating	Qty	input	output
	Main Light		EXIDE	EXIDE HOME UPS		650VA	01	220VAC 5A	220V
	NAIS PSS		-NA-						
	DGPS		-NA-						
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Mode m	Band		
	NELCO	Telemecanique 4 PORT SWITCH	SCHNEIDER ELECTRIC	24V DC	--	Sky Edge			
18	आग्निशमनउपकरण Fire Fighting Equipment		Type of Extinguisher		Capacity	Nos	Make		
			DCP Type(u/s)						
			DCP Type(u/s)						
			Foam Type(u/s)						
			Water Type(u/s)						
			DCP Type						
19	संचार Communication		BSNL Tel. No :						
20	जलपूर्ति Water Supply		a) Hand drawn from a well inside Lighthouse compound. b) Electric water pump set.						
21	भूमि Land		Area			3900 Sq.mt. /1.12 acre			
			Demarcation			Laterite masonry compound			

22	इमारतें Buildings	One unit of ALK Qtrs., One unit of LHA Qtr., one unit of Power house, Office & Store room, one unit of Inspection Qtrs. and C.C. internal road and pathways	
23	कंपाउंडलाइट Compound Lights	10no.s, 2no.s Gate Light	
24	सीसीटीवीकमेरा CCTV CAMERA	Camera	
		DVR	
25	स्टाफ Staff	Sl. No	Designations
		1	NAVIGATIONAL ASSISTANT GRADE I
		2	
26	पहुँचनेकामाध्यम Mode of approach	By rail up to Kundapur, then 6 kms by bus up to Kundapur town& then 8kms by local bus to Vinayak-Kodi/Lighthouse.	
27	उपलब्धसुविधाए Facilities available	Marine Police Station	Within 2kms
		Dispensary	Within 2kms
		High School	Within 2kms
		Post office	Within 2kms
28	डाकपता / Postal address	STATION IN CHARGE, Kundapur Lighthouse, Near Chakreshwari Temple, P.O. Kundapur (Vinayak Kodi) Kundapur – 576217 Udupi Dist. Karnataka	
29	मूल्यकाब्योरा/ Cost details (At the time of Construction)	Construction ₹75,73,400/-	
30	प्रवर्तनमेलानेकादिनांक / Date of commissioning	23.10.2007	