

मास्टर लेजर/MASTER LEDGER

अर्नालादीपस्तंभ /ARNALA LIGHTHOUSE

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0494	
2	स्थान/Position	Lat, 19° 27. 40', N Long 72° 44.80' E	
3	ऊंचाई/Elevation	48 m	
4	अभिलक्षण/Characteristic	FL 3 WR 15 Sec. (FL 0.83 Sec.)	
5	नॉटिकलमाइलमेदूरी Range in miles	25NM	
6	दीपस्तंभटावर/L.H.Tower	Type	RCC tower by using slip from method with spiral half round staircase and lift
		Height	45m
		Colour Scheme	Spiral Band White & Black
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	Vega Marine Rotating Beacon
		Type	VRB-25-LED-8P-2T
		Size	2Tire LED -8P-2T
		No. of lens	08 (06 In sevis)
		Area of dioptic portion	--
		Area of catadioptric portion	--
		Divergence Main/Emergency	Horizontal 1.6° vertical 1.6°
		Duration of Flash Main /Standby/Emergency	15 Sec , 2rpm
		Lamp changer	---
		Pedestal	Fix in pipe both side welded 10mm GI
		Rotation Device	motor drive brushless direct drive motor
		R.P.M.	2
		illuminating	Marine Rotating Becon Vega VRB – 25-LED -8P-2T
Main	12V DC		
Standby	--		

		Emergency:	--						
		Date of Installation	15 April 2019						
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main & Standby	209000CD						
		Emergency	-						
9	लैंटर्न/Lantern	Diameter	--						
		Height of glazing	--						
		No. of panes	--						
		Ventilators	--						
10	RACON								
	Make	Model	Code	Band		Date of Installation			
11	NAIS								
	Base Station								
	Model	Type	Power		MMSI				
	Communication Equipment	--	---		---		--		
	VSAT Antenna	Band	Modem						
	DGPS	-----	-----		-----		-----		
	Trasmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Re capitalization	
12	ऊर्जाकेसाधन/ <i>Source of energy</i>	Mains			440V,3PH,50HZ				
		Standby			DG-Set 01				
		Engine 1							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		KIRLOSKAR /AT94	01	23.54KW	03	1500	AIR		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase		
		KIRLOSKAR	01	25KVA	230V	50Hz	03PH		
		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			
		12/325W	03	--	12/1000AH	2			
		Solar Plant for Main RACON			-----				
		Capacity PV	Numbers	Type	Battery	Bank			
		---	----	----	---	---			
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	A.E.	EMS -10	15KVA	180-260V AC 50Hz	230V+1% -	3	3		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS								
	Genset	Lead Acid	Kole Green	12	75	01			
	Automation	---	--	--	--	--			
	DGPS	--	--	---	--	--			
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	-----	■	----	---	----			
	Automation	Power rex	--	SNPS	24/20AMP	01			
16	इंवर्टरInverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	output
	Main Light	---	---	--	---	---	---	---	----
	NAIS PSS	----	--	----	----	----	----	---	-----
	DGPS	---	----	----	----	----	---	-----	--
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	NELCO	TELE MECANIQUE	SCHNEIDER ELECTRIC	24DC	1.8m dia	Sky Edge	EXT-C		
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				--	--	--	--		

19	संचार Communication	BNNL Telephone Provided 0250-2589718	
20	जलपूर्ति Water Supply	Open well water supply available	
21	भूमि Land	Area	15 GunthaAppox
		Demarcation	--
22	इमारतें Buildings	Quarters	NA -01 LHA -01 IQ - 01
23	कंपाउंडलाइट Compound Lights	---	--
24	सीसीटीवीकमेरा CCTV CAMERA	Camera	--
		DVR	--
25	स्टाफ Staff	Sl. No	Designations
		1	NA-I -01
		2	LHA-1
		3	
		4	
		5	
		6	
7			
26	पहुँचनेकामाध्यम Mode of approach	By Train up toVirarand than12 KM to the west	
27	उपलब्धसुविधाए Facilities available	Marine Police Station	----
		Dispensary	YES
		High School	YES
		Post office	YES
28	डाकपता Postal address	ArnalaLighthoiuseArnala , Virar (W) Palghar – 401302	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	---	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	APRIL 2019	

