

मास्टर लेजर/MASTER LEDGER

कच्छाल ईस्ट दीपस्तंभ/ KATCHAL EAST LIGHTHOUSE

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 1223	
2	स्थान/Position	Lat. 8° 00.40'N Long. 93° 24.20'E	
3	ऊंचाई/Elevation	43 m (above MSL)	
4	अभिलक्षण/Characteristic	Fl (1) W 5 Sec (fl 0.5, ec 4.5)	
5	नॉटिकलमाइलमेदूरी Range in miles	10 NMiles	
6	दीपस्तंभटावर/L.H.Tower	Type	G.I. Trestle Tower
		Height	24 m
		Colour Scheme	Red & White bands
7	ऑप्टिकलउपकरण Optical equipment	Optic	Sabik Carmanah
		Make	Sabik Carmanah
		Type	LED Flasher
		Size	171mm
		No. of lens	
		Area of dioptric portion	
		Area of catadioptric portion	
		Divergence Main/Emergency	
		Duration of Flash Main /Standby/Emergency	
		Lamp changer	
		Pedestal	
		Rotation Device	White Flashing Light
		R.P.M.	NA
		illuminating	High Efficiency LEDs
		Main	
		Standby / Auxiliary	
Emergency:			
Date of Installation			
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main & Standby	4470 cds
		Emergency	
9	लैंटर्न/Lantern	Diameter	
		Height of glazing	
		No. of panes	
		Ventilators	

10	RACON		NA						
	Make	Model	Code		Band		Date of Installation		
11	NAIS								
	Base Station		2 nos-AIS 1 & AIS2						
	Model	Type	Power		MMSI				
	R40	Class A	AC-230V DC-12V		4198006				
	Communication Equipment								
	VSAT Antenna Prodelin 2.4 meter								
	2.4m dia Parabolic reflector	EX-C	Datum system M7LT Satellite Terminal						
	DGPS	-NA-	-		-		-		
	Trasmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commisioning	Date of Recapit alization	
	-	-	-	-	-	-	-	-	
-	-	-		-		-			
12	ऊर्जाकेसाधन/ <i>Source of energy</i>	Mains							
		Standby							
		Engine 1							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase		
		Engine 2							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		-	-	-	-	-	-		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase		
		-	-	-	-	-	-		
		Solar Plant			Solar panels.				
		Capacity PV	Numbers	Type	Battery	Bank			
70 W	01	Mono Crystline	12V/100AH	01					
Solar Plant for NAIS									
Capacity PV	Numbers	Type	Battery	Bank					
1.8 Kwp	06 nos,300 W each	Mono crystalline	36 nos,2 V,600 AH	1					
13	स्वचालितवोल्टेजस्टेबलाइजर								
	<i>Automatic Voltage Stabilizers</i>								

	Make	Model	Capacity	Input	Output	Phase	Qty		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	Main Light	SMF	Exide	12V	100AH	01 Nos			
	Genset								
	Automation								
	DGPS	-	-	-	-	-	-		
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	Automation						-		
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		
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP					
				DCP					
				Foam					
				Co2					
				Fire bucket					
19	संचार Communication			NA					
20	जलपूर्ति Water Supply								
21	भूमि Land								

22	इमारतें Buildings		
23	कंपाउंडलाइट Compound Lights		
24	सीसीटीवीकमेरा CCTV CAMERA		
25	स्टाफ Staff	Unmanned Lighthouse	
26	पहुँचनेकामाध्यम Mode of approach	Sea route travel by departmental vessel M.V Sagardeep-II, M.V Indira Point or any chartered vessel upto anchorage Point, then use dinghy upto shore, landing point to the lighthouse by walk through dense forest and hilly terrain.	
27	उपलब्धसुविधाए Facilities available		
28	डाकपता Postal address	-	
29	मूल्यकाब्योरा Cost details (At the time of Construction)		
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	18/01/1986	