

मास्टर लेजर/MASTER LEDGER

रामेश्वरम डीजीपीएस स्टेशन/Rameshwaram DGPS Station

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Description	
1	ए.एल.ओ.एल/A.L.O.L.	---	
2	स्थान/Position	Lat. N 09 17 01.944, Long. E 079 18 31.681	
3	ऊंचाई/Elevation	----	
4	अभिलक्षण/Characteristic	---	
5	दूरी/Range in Km	400	
6	दीपस्तंभटावर/L.H.Tower	Type	N/A
		Height	N/A
		Colour Scheme	N/A
7	ऑप्टिकल उपकरण Optical equipment	Optic	N/A
		Make	
		Type	
		Size	
		No. of lens	
		Area of dioptric portion	
		Area of catadioptric portion	
		Divergence	
		Main/Emergency	
		Duration of Flash	
		Main /Standby/Emergency	
		Pedestal	
		Rotation Device	
		R.P.M.	
		Illuminant	
Main			
Standby			
Emergency:			
Date of Installation			
8	प्रभावी बीम तीव्रता Effective beam intensity	Main	
		Emergency	
9	लैंटर्न/Lantern	Diameter	---
		Height of glazing	---
		No. of panes	---
		Ventilators	---
10	RACON	Sr. No	N/A

	Make	Model	Code	Band	Date of Installation		
11	NAIS						
	Base Station		N/A				
	Model	Type	Power	MMSI			
		N/A	N/A	N/A			
	Communication Equipment						
		Band	Modem				
		N/A	N/A				
	DGPS						
	Transmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning
Nautel	311 KHz	500 W ± 5%	446	447	123	15.10.2010	N/A
12	ऊर्जासाधन/Source of energy		Main Supply TNEB Electric Main Supply 3 Ø 440 v,50Hz				
	Stand By		DG Set 20 KVA – 2 Nos., Make: Kirloskar				
	Engine 1						
	Make/Type	Qty	Rating	No of Cylinder	RPM		
	Kirloskar	1	32 BHP	3	1500		
	Alternator						
	Make/Type	Qty	Rating	Voltage/Amp	Frequency		
	Kirloskar	1	20 KVA	230V/83.3 A	50Hz		
	Engine 2						
	Make/Type	Qty	Rating	No of Cylinder	RPM		
	Kirloskar	1	32 BHP	3	1500		
	Alternator						
	Make/Type	Qty	Rating	Voltage/Amp	Frequency		
	Kirloskar	1	20 KVA	230V/83.3 A	50Hz		
	Solar Plant (On Grid)						
	Capacity PV	Number of Solar Panels	Type	Battery	Bank		
	12 KWp	250W/24 V - 48 Nos.	Mono-crystalline	---	---		
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers						
	Make	Model	Capacity	Input	Output	Phase	Qty
	ITL	---	12.5 KVA	170 V-270 V	230 V	Single	3 Nos.
14	बैटरी Batteries						
	Equipment	Type	Make	Volt	Amp. Hr.	Qty	Remarks
	DGPS	SMF	Exide	12 V	26 AH	6 Nos.	
	Transmitter	SMF	Exide	12 V	26 AH	10 Nos.	
15	बैटरीचार्जर/ Battery charger						
	Equipment	Make	Model	Type	Rating	Qty	
	General Purpose	Velsine	---	---	80 Amps / 0 – 40 V	1 No.	
		AE Make	---	---	15 Amps / 0 – 30 V	1 No.	
16	इंवर्टर Inverter /UPS						

	Equipment	Nos	Make	Model	Type	Rating	Qty	input	Out put
	DGPS	1	Hykon	AEM 3000	Online UPS	3 KVA	1 No.	72 VDC	230 V AC
	Transmitter	1	Hykon	AE 5000	Online UPS	5 KVA	1 No.	120 VDC	230 V AC
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos.	Make		
				DCP Type	5 kg	3	Ronak		
				Co2	4.5 Kg	1	Exellent		
				Foam Type	9 Ltr	3	Exellent		
19	संचार/ Communication			BSNL FTTH Connection			04573-290478		
20	जलपूर्ति/ Water Supply			Open Well (Fitted with 1 HP Jet Motor) – 2 Nos. (Municipality water supply and Rain water harvesting plant also available)					
21	भूमि/ Land			Area			2 Acre		
				Demarcation			Masonry Brick wall		
22	इमारतें Buildings			Technical Building (Power House, Office, Store Room and Recreation Room) – 1 No. Inspection Quarters – 1 No. AE Quarters – 1 No. NA Gr – II Quarters – 2 Nos. Touring Staff Quarters – 1 No. Coil Hut – 1 No. Pump House – 2 Nos.					
23	कंपाउंडलाइट Compound Lights			LED Street Lights - 10 Nos. Garden Light – 2 Nos. Gate Light – 2 Nos.					
24	सीसीटीवीकमेरा CCTV CAMERA			Camera			---		
				DVR			---		
25	स्टाफ Staff			Sl. No	Designations				
				1	Asst. Engineer – 1 No.				
				2	Navigational Assistant Grade - II – 2 Nos.				
26	पहुँचनेकामाध्यम Mode of approach			2 Kms from Rameswaram Bus Stand. 1 Km from Rameswaram Railway station.					
27	उपलब्धसुविधाए Facilities available			Post Office – 1 Km Primary Health centre – 1 Km, Police Station – 0.5 Km, Schools – within 1.5 Km.					

28	डाकपता Postal address	Rameswaram DGPS Station, Anna Nagar, (Near Karuppanna Swamy Koil) Rameswaram, Ramanathapuram District, Tamil Nadu State. Pin: 623 526.
29	मूल्यकाब्योरा Cost details (At the time of Construction)	253 Lakhs
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	15.10.2010