

मास्टर लेजर/MASTER LEDGER

पीरम दीपस्तंभ / Piram Lighthouse			
<u>क्रमसंख्या/ Sr.No</u>	<u>नाम /Name</u>	<u>विवरण/Discription</u>	
1	ए.एल.ओ.एल/A.L.O.L.	F 0448	
2	स्थान/Position	Lat : 21° 35.9' N Long : 72° 21.2' E	
3	ऊंचाई/Elevation	46 M (Above MSL)	
4	अभिलक्षण/Characteristic	Fl(2)W10 Sec. (0.3+ <u>2.2</u> +0.3+ <u>7.2</u> =10 Sec)	
5	नॉटिकलमाइलमेदूरी Range in miles	16 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	Brick Masonry circular Tower
		Height	27M
		Colour Scheme	3 Black and 2 White bands (Bottom band Black)
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	BBT-France
		Type	300 mm (4th order) revolving type
		Size	
		No. of lens	4
		Area of dioptric portion	1125 sq.cm (Corrected area 782 Sq.cm)
		Area of catadioptric portion	3194 sq.cm (Corrected area 2651 Sq.cm)
		Divergence Main/Emergency	20°59.99'(Horizontal),13°44.72'(Vertical)
		Duration of Flash Main /Standby/Emergency	0.3 Sec
		Pedestal	Mercury float
		Rotation Device	Stepper motor
		R.P.M.	3
		Illuminant	Cluster 230V/70W MH Lamp – 3 Nos.
		Main	230V/70W Metal Halide Lamp
		Standby	
		Emergency:	
		Date of Installation	
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main	98072 Candela (cd)
		Emergency	
9		Diameter	2.5m

	लैंटर्न/ <i>Lantern</i>		Height of glazing		1.3m				
			No. of panes		20 (in 2 tiers)				
			Ventilators		09				
10	RACON		Sr. No		6183				
	Make	Model	Code		Band	Date of Installation			
	Tide Land	Tide Land Sea Becon-6	"B"			22-06-2010			
11	NAIS								
	Base Station								
	Model	Type	Power		MMSI				
	Communication Equipment								
	VSAT Antenna	Band	Modem						
	DGPS								
	Transmitter 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			N.A		
Power Source				DG Set 15 KVA make Kirloskar + DG Set 5 KVA make Kirloskar					
Engine 1 (15 kva)+ Engine 2(5 kva)									
Make/Type				Qty	Rating	No of Cylinder	RPM	Cooling	
Kirloskar +Kirloskar				1 + 1	20.5 BHP+10 BHP	2 +1	1500 +1500	Air + Air	
Alternator									
Make/Type				Qty	Rating	Voltage/Am p	Frequency	Phase	
Kirloskar+Kirloskar				1 + 1	15 KVA+5KVA	230V/26A	50Hz + 50Hz	Single	
Solar Plant : (M/L : 3KW)									
Capacity PV				Numbers		Type	Battery	Bank	
3 KWp				12 Nos		Mono Crystal line	48 Nos , 2V/400AH	01 No.	
Solar Plant for Main NAIS									
Capacity PV				Numbers		Type	Battery	Bank	
6KWp	24Nos		Mono Crystal line	48 Nos, 2V/500AH	01 No				
13	स्वचालितवोल्टेजस्टेबलाइजर								
	<i>Automatic Voltage Stabilizers</i>								

	Make	Model	Capa	Input	Output	Phase	Qty		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	Tubular	Exide	2V	500 AH	48 Nos			
	Genset	Lead acid	Exide	12V	150AH	02 Nos			
	Automation								
	DGPS								
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	Aplab	0-32V	Digital P.S	20 A	01			
	Automation								
16	इंवर्टरInverter /UPS								
	Equipmen t	Nos	Make	Model	Type	Rating	Qty	input	out put
	Main Light	---	---	---	---	---	---	---	---
	NAIS PSS								
	DGPS								
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	RDS	Allen Bradley	RENU	24 V		Robuste I			
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type,ABC	4 kg	9			
				Water Co2	-	-			
				Foam Type	-	-			
19	संचार Communication			Not Available					
20	जलपूर्ति Water Supply			Rain water collection tank for potable water 02 Nos Syntex Tank 10000 Lte Each					
21	भूमि Land			Area		1.1837 hectares.			
				Demarcation		Barbed wire fencing			
22	इमारतें Buildings			RCC Structure: 05 Nos		Tower,Inspection Quarter, Powerhouse, Store,			

			03 Quarters and Others are Abandoned
23	कंपाउंडलाइट Compound Lights	7 Nos. G.I. Poles with LED lamp fitted Gate Light-02 10 Nos Solar LED street Light Gate lights – 2 Nos. 10 Nos Solar LED street Light	
24	सीसीटीवीकमेरा CCTV CAMERA	Camera DVR	
25	स्टाफ Staff	Sl. No	Designations
		1	Navigational Assistant –I or II
		2	Lighthouse Attendant (on tour from Ghogha Lighthouse)
26	पहुँचनेकामाध्यम Mode of approach	By Train upto Bhavnagar and then by road up to Ghogha Bandar light house and then 10 Km sailing by Dept. Launch or by private machine boat	
27	उपलब्धसुविधाए Facilities available	Police Station, Post office, Dispensary, High School are at nearest Land Station Ghogha town 10 Km from Piram Island Lighthouse	
28	डाकपता Postal address	HLK, Ghogha Lighthouse, E/O Piram Island Lighthouse, C/o Ghogha Lighthouse, P. O. Ghogha, Dist. Bhavnagar-364110	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	Cost of Construction : Rs.136000/-, Cost of Equipment : Rs. 3,16,100/-	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	15.09.1968	