

क्रम संख्या/ Sr.No	नाम /Name	विवरण/ Discription
1.	ए.एल.ओ.एल/A.L.O.L.	: F-0354
2.	स्थान/Position	: Lat 23°41.06' N Long 68°31.8'E
3.	ऊंचाई/Elevation	: 46.5+3.8=50.3 M
4.	अभिलक्षण/Characteristic	: Fl (2)W15 sec [(fl 1s, ec 3s), fl 1s, ec10s]
5.	नॉटिकल माइल मे दूरी Range in miles	: 18 NM
6.	दीपस्तंभ टावर/L.H.Tower	: RCC Circular concrete Tower Height : 60 Mtrs : 4 black and 3 white bands. (Bottom band black)
7.	ऑप्टिकल उपकरण Optical Equipment:- Type of Light (LED Flasher)	: SL300-1D5-1-W (13 - 19NM AT@ 0.74)
8.	प्रभावी बीम तीव्रता/ Effective beam intensity	: 94400 cds
9.	LED flasher Input Voltage	: 24 V DC (Range 24V - 48V DC)
10.	Load current Peak Power	: 16A DC at 24V DC : 384W (In Continuous Light)
11.	Colour of Light	: White
12.	Horizontal Output	: 360°
13.	Vertical Divergence Physical Characteristic:- Body of Material Lens Material Lens Diameter Lens Design Mounting Height Width Weight Circuit Protection Water proof Product Life Expectancy	: >1.5° : Marine Grade Two part epoxy coating to resist the elements. : UV -stabilised acrylic : 373mm : Multiple LED Optic : 3 & 4 hole 200mm bolt pattern : 302mm : 373mm : 18.5Kg : Polarity Protected : Polarity Protected

		: IP 68 : Up to 12 Years
14.	Date of Installation	: 13/03/2022
15.	Make	: Sealite, Australia
16.	Type of Light structure	: Stationary LED flashing light

वी टी एस उपकरण/ VTS EQUIPMENTS:

क्रमसं ख्या/ Sr.No	विवरण/ Discription	Qty	Location
i.	X- Band RADAR Transceiver Scanter 2001,9375MHz Type 262001-024 Rev F S. No.: 3013 Type 262001-017 Rev F SNo.: 3017 D.O.I: 23/04/2012	02	Eqpt room
ii.	Scanter ACU Type: 262382-001 Rev H SNo:3015, Voltage 3X400V, Freq -47.63Hz , Power 4KVA, Make Terma D.O.I: 23/04/2012	01	Eqpt room
iii.	Radar Data Processor C-SET01 SNo: 3053272216, D.O.I: 28/12/2019 C-SET02 SNo. 3462630920, D.O.I: 08/07/2020	02	Eqpt room
iv.	RSD (Radar Service Display) MAKE: TERMA SNo:4603 D.O.I: 10/03/2020	01	Eqpt room
v.	UPS, On line, 3 Phase, 15 KVA MAKE: SCHINDER D.O.I: 13/08/2019	01	Eqpt room
vi.	12v, 26AH Battery, make: APC SMF Battery D.O.I: 13/08/2019	32	Eqpt room

vii.	Microwave Antenna Make -Faini Tele communication System, (Kathrein)SNo: 08KIMWA0000120038 SNo: 08KIMWA0000120039 D.O.I: 23/04/2012	02	On tower wall
viii.	RFU/ODU SNo. R17065436 (INSTALLED ON 49 MTR)	03	With antenna

	SNo. R17065408 (INSTALLED ON 58 MTR) D.O.I: 23/04/2012 RFU/ODU SNO: CR9Q240398 (NEWLY INSTALLED ON 58 MTR) D.O.I: 08/07/2020		
ix.	SPU-Harries True Point 4040 SI. No: A0114391, (for Harudi SPARE) D.O.I: 23/04/2012 SPU-ERICSSON ML6691 SI. No: CE8A318089, (for Harudi) D.O.I: 13/08/2019	02	Eqpt room
x.	MUX (PDH MUX) D.O.I: 23/04/2012	01	Eqpt room
xi.	KVM (Key Board Video& Mouse) S/W D.O.I: 23/04/2012	01	Eqpt room
xii.	RM (Rack Manager), Make - Austin Hughes screen -40 cm Model: N117e D.O.I: 23/04/2012	01	Eqpt room
xiii.	CISCO Switch Catalyst 2960 Series SNo:WS-C2960-24TT-L D.O.I: 23/04/2012	01	Eqpt room
xiv.	6KVA UPS, Make NGBPS, SNo. JH1020 D.O.I: 14/03/2019	01	Eqpt room
xv.	12v,26AH Battery, MAKE AMRON (Quanta) D.O.I: 08/08/2018	20	Eqpt room
xvi.	Rectifier SNo: BS350/B/4371 D.O.I: 23/04/2012 (SPARE)	01	Eqpt room
xvii.	DG SET 40 KVA 415 v 3φ Mod.KG40AS Engine Type HA494T. S.no.04-2445/1020058	02	Power house

	<p>Alternator SNo. CS3E010E105206 D.O.I : 23/04/2012</p> <p>Battery12V, 130Ah, Make- EXIDE SNo. A4B80008392 D.O.I : 26/03/2018</p> <hr/> <p>DG SET 40 KVA 415 v 3φ Mod.KG40AS Engine Type HA494T. Sno.04-2421/0920697 Alternator SNo. CS3E010B22740 D.O.I: 23/04/2012</p> <p>Battery12V, 130 Ah, Make- EXIDE SNO. A3080016417 D.O.I : 07/06/2017</p>		
xviii.	<p>40 KVA AMF Control Panel SNo:04-10/05/09, Sterling Generators Pvt. Ltd D.O.I: 23/04/2012</p>	01	Power house
xix.	<p>40 KVA LVDB Panel Make - Sterling Generators Pvt. Ltd SNo:100 D.O.I: 23/04/2012</p>	01	Power house
xx.	<p>A/C- 1.5Ton Make Blue star SNo. C101229470310524130521 SNo. C101229470310524130572 D.O.I: 23/04/2012</p> <p>A/C- Videocon 1.5 Ton S. No:11081574200273 D.O.I: 01/11/2015</p>	03	Eqpt room
xxi.	<p>Exhaust Fan (Bajaj) D.O.I: 23/04/2012</p>	03	Lift room, Power house
xxii.	<p>19-inch Val Rack for Radar Equipment D.O.I: 23/04/2012</p>	01	Eqpt room
xxiii.	<p>Comtel Rack D.O.I: 23/04/2012</p>	01	Eqpt room
xxiv.	<p>Isolation Transformer 6 KVA D.O.I: 09/09/2015</p>	01	Eqpt room
xxv.	<p>APC REMOTE PDU</p>	01	Eqpt

	SN: SA1922E014048		room
xxvi.	Isolation Transformer 40 KVA D.O.I: 03/08/2016	01	Power house
xxvii.	Lightening Arrester D.O.I: 10/03/2019	01	Top tower
xxviii.	Radar TxRx change over unit Make: Terma D.O.I: 23/04/2012	01	Eqpt room
Energy source			
	Main supply voltage 230 V, 1 Phase, 50HZ from PGVCL Diesel Engine Generator Kirloskar - 02 Nos. 40 KVA, HA494T.		
On Grid 30 KW Solar Systems:			
	i) Date of Installation: FEB 2016 ii) Inverter-01 No., Sr no: 01Y15901184WG Input 200-1000 V DC, output 230-400 V AC, make: Delta and 120 nos. of solar panel make: Navitas.		
Automatic Voltage Stabilizers-			
	Automatic Voltage stabilizer make- Power+, Input: 14-280V, Output: 230V, Capacity-16KVA, Frequency-50Hz, Date of Installation: 08/07/2011 SNo. i). 1105011ii). 1105013iii). 1105015		
HSD oil storage tank:			
	One number 12000ltrs. Capacity HSD oil storage tank has been provided inside the campus in the year 2011		
Lift:			
	Inside the 60M high RCC radar tower I lift has been installed as per below specification: <ul style="list-style-type: none"> • Make - Trio Elevators • Motor - 3-ϕ induction motor 5.5KW • Capacity - 6 passengers 		

	<ul style="list-style-type: none"> • Speed - 1m/sec • Sl. No. - 1000096894 • D.O.I: 23/04/2012 <p>The License valid up to 01/05/2024.</p>		
CCTV:			
	<p>CCTV cameras have also been installed on dated 24/08/2015.</p> <p>1) Bullet cameras : 06 nos.</p> <p>2) Dome cameras : 02 nos.</p> <p>3) PTZ camera : 01 no.</p> <p>4) DVR : 01 no.</p>		
COMPOUND STREET LIGHTS:			
	<p>01No. fluorescent flood light and 5 Nos. of LED street poles are provided in the compound.</p>		
Fire-extinguishers:			
	<p>The Following firefighting equipment are provided. And Date of Installation: 08/07/2011</p> <p>a. Cease fire ABC dry powder (5 Kg. capacities)</p> <p>: 4 Nos. (2 in power house, 1 in base room, 1 in lift room)</p> <p>b. Cease fire Clean Agent (4 Kg. capacities)</p> <p>: 2 Nos. (2 in VTS equipment room)</p> <p>c. Fire buckets</p> <p>: 2 Nos. (The fire buckets with stands are provided in front of power house.)</p>		

LAND:			
	i) Area : 10000 Sqm. ii) Demarcation : Masonry compound wall on all the four sides iii) No. of fruit trees :40 trees iv) No. of non- fruit bearing trees:130		
FACILITIES AVAILABLE :			
	Police station, Primary school, Primary Health Centreat Narayan Sarovar Village.		
STRUCTURE:			
	a. LH cum Radar tower: - 60m high RCC circular tower with internal lift facility and staircase. b. Technical Building: - 01 Unit c. Inspection Quarter: - 01 Unit. d. LHA quarter: - 2 Nos. e. R/T Quarters: 2 Nos. f. Security Cabin: 01 Nos. g. Compound wall: - The masonry compound wall with barbed wire coping on the top has been provided on four sides for enclosing land buildings with internal cement concrete pathway. h. Main gate: - M. S. gate has been provided on the entrance.		
WATER SUPPLY:			
	<ul style="list-style-type: none"> 60,000 litres capacity water storage tanks are provided with water pump motor. 500 litres capacity 6Nos. Sintex tanks are also provided on Technical Building, Inspection Quarter, Group-D quarter and R/T Quarter. 10,000 litres capacity RCC overhead water tank is newly constructed near the tower. 		

ADDRESS& COMMUNICATION	Station In-Charge Koteshwar Lighthouse & VTS Station Near Narayan Sarovar Kutch, Gujarat 370 630 Telephone no. 02839-266620
DATE OF COMMISSIONING	13/02/2012