

मास्टर लेजर/MASTER LEDGER

| द्वारका पॉइंट दीपस्तंभ/ DWARKA POINT LIGHTHOUSE | | | |
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| क्रमसंख्या/ Sr.No | नाम /Name | विवरण/Discription | |
| 1 | ए.एल.ओ.एल/ A.L.O.L. | F 0396 | |
| 2 | स्थान/ Position | Lat 22° 14.29' N Long 68° 57.47'E | |
| 3 | ऊंचाई/ Elevation | 48 m (above MSL) | |
| 4 | अभिलक्षण/ Characteristic | Fl (2)W 20 sec. (0.31+4.69+0.31+14.69=20sec.) | |
| 5 | नॉटिकलमाइलमेदूरी Range in miles | 25.5 NMiles | |
| 6 | दीपस्तंभटावर/ L.H.Tower | Type | Square masonry stone tower |
| | | Height | 43 m |
| | | Colour Scheme | Black and White bands |
| 7 | ऑप्टिकलउपकरण Optical equipment | Optic | |
| | | Make | Stone Chance |
| | | Type | |
| | | Size | 500 mm |
| | | No. of lens | 2 |
| | | Area of dioptric portion | |
| | | Area of catadioptric portion | |
| | | Divergence Main/Emergency | 12°35.99' (Horizontal) 8° 14.83' (Vertical.) |
| | | Duration of Flash Main /Standby/Emergency | |
| | | Lamp changer | |
| | | Pedestal | Mercury float |
| | | Rotation Device | Stepper motor |
| | | R.P.M. | 3 |
| | | illuminating | Cluster of 3 numbers of Master colour CDMT-D 150W/942 |
| | | Main | 150W/230V |
| | | Standby / Auxiliary Emergency: | |
| Date of Installation | | | |
| 8 | प्रभावीबीमतीव्रता/ Effective beam intensity | Main & Standby | 7,07,007 Candela |
| | | Emergency | |
| 9 | लैंटर्न/ Lantern | Diameter | 3.2 |
| | | Height of glazing | 1.78 |

| | | | | | | | | |
|--------------------|--------------------------------------|-----------------------------------|---------------------|-------------------|-----------------------------|------------------|------------------------------|---------------------------------|
| | | No. of panes | 12 | | | | | |
| | | Ventilators | 11 | | | | | |
| 10 | RACON - NA- | | | | | | | |
| | Make | Model | Code | Band | Date of Installation | | | |
| | Tide Land | - | G | X & S | Oct-2005 | | | |
| 11 | NAIS | | | | | | | |
| | Base Station | | PSS Dwarka | | | | | |
| | Model | Type | Power | MMSI | | | | |
| | | | | | | | | |
| | Communication Equipment | Leased Line | | | | | | |
| | VSAT Antenna | Prodelin 2.4 meter | | | | | | |
| | DGPS | -NA- | - | - | - | | | |
| | Trasmitter Make | Frequency | Power Output | RS 1 ID | RS -II ID | Beacon ID | Date of commissioning | Date of Recapitalization |
| | - | - | - | - | - | - | - | |
| | - | - | - | - | - | - | - | |
| 12 | ऊर्जाकेसाधन/Source of energy | Mains | | 440V/3-phase/50Hz | | | | |
| | | Standby | | 15KVA DG set | | | | |
| | | Engine 1 | | | | | | |
| | | Make/Type | Qty | Rating | No of Cylinder | RPM | Cooling | |
| | | Kirloskar | 1 | 20.5Hp | 2 | 1500 | Air | |
| | | Alternator | | | | | | |
| | | Make/Type | Qty | Rating | Voltage/Amp | Frequency | Phase | |
| | | Kirloskar | 1 | 15KVA | 230V | 50Hz | Single | |
| | | Solar Plant | | | Solar panels. | | | |
| | | Capacity PV | Numbers | Type | Battery | Bank | | |
| | | 10WKp | 01 | Mono Crystline | 2V/1000A H x 48Nos | 01 | | |
| | | Solar Plant for Main Light | | | | | | |
| Capacity PV | Numbers | Type | Battery | Bank | | | | |
| | | | | - | | | | |
| 13 | स्वचालितवोल्टेजस्टेबलाइजर | | | | | | | |
| | Automatic Voltage Stabilizers | | | | | | | |
| | Make | Model | Capacity | Input | Output | Phase | Qty | |
| | | | | | | | | |
| 14 | बैटरि | | | | | | | |
| | Batteries | | | | | | | |
| | Equipment | Type | Make | Volt | Amp/Hr | Qty | | |

| | | | | | | | | | |
|----|---|------------|-------------|---|-----------------|---------------|-------------|--------------|---------------|
| | PSS NAIS Main Light | SMF | Exide | 12V | 90AH | 01 Nos | | | |
| | Genset | SMF | Exide | 12V | 90AH | 01 Nos | | | |
| | Automation | | | | | | | | |
| | Racon | SMF | Amar Raja | 12V | 100AH | 01Nos | | | |
| 15 | बैटरी चार्जर/ Battery charger | | | | | | | | |
| | Equipment | Make | Model | Type | Rating | Qty | | | |
| | | Argo make | S.No . 403 | | 0-80V/10Amp | 01 | | | |
| | Automation | | | | | | | - | |
| 16 | इंवर्टर Inverter /UPS | | | | | | | | |
| | Equipment | Nos | Make | Model | Type | Rating | Qty | input | output |
| | Main Light | | | | | | | | |
| | NAIS PSS | | | | | | | | |
| | DGPS | | | | | | | | |
| 17 | स्वचलन उपकरण Automation Equipment | | | | | | | | |
| | MAKE | PLC | HMI | Power Supply | VSAT | Modem | Band | | |
| | | | | | | | | | |
| 18 | आग्निशमन उपकरण Fire Fighting Equipment | | | Type of Extinguisher | Capacity | Nos | Make | | |
| | | | | DCP | 4kg | 08 | | | |
| | | | | Foam | - | - | - | | |
| | | | | Co2 | | | | | |
| | | | | Fire bucket | | 04 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 19 | संचार Communication | | | P & T telephone No.02892-234536 | | | | | |
| 20 | जलपूर्ति Water Supply | | | Municipal water mains, rain water collection Tanks are provided in each quarter of 6000 liter capacity each | | | | | |
| 21 | भूमि Land | | | 2.671 hector | | | | | |
| | | | | | | | | | |
| 22 | इमारतें Buildings | | | | | | | | |

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| 23 | कंपाउंडलाइट Compound Lights | 10 Nos. G.I. poles with LED 25W fixture and 2nos. LED 23W gate light | |
| 24 | सीसीटीवीकमेरा CCTV CAMERA | - | |
| 25 | स्टाफ Staff | Navigational Asst.- I Navigational Asst.- II Lighthouse Attendants-02 | |
| 26 | पहुँचनेकामाध्यम Mode of approach | By rail up to Dwarka and then 3 km. by road up to lighthouse | |
| 27 | उपलब्धसुविधाए Facilities available | Police station Dispensary Post office High School | |
| 28 | डाकपता Postal address | Station In-charge, Dwarka Lighthouse,P.O Dwarka,Dist. Devbhumi Dwarka Pin 361 335 | |
| 29 | मूल्यकाब्योरा Cost details (At the time of Construction) | 2,48,960/- | |
| 30 | प्रवर्तनमेलानेकादेनांक Date of commissioning | 15-07-1962 | |