

मास्टर लेजर/MASTER LEDGER

| क्रमसं ख्या/ Sr.No | नाम /Name | विवरण/Description | |
|--------------------------|------------------------------------|-------------------------------------------------|---------------------------------------------------|
| 1 | ए.एल.ओ.एल./A.L.O.L. | F 0590 | |
| 2 | स्थान/Position | Lat 16° 23.3' N Long 73° 22.6' E | |
| 3 | ऊंचाई/Elevation | 29 M | |
| 4 | अभिलक्षण/Characteristic | Group Flash(4) white for every 30Sec | |
| 5 | नॉटिकलमाइलमेदूरी Range in miles | 25 NM | |
| 6 | दीपस्तंभटावर/L.H.Tower | Type | Circular and Masonary |
| | | Height | 10.67 M |
| | | Colour Scheme | White and Black bands |
| 7 | ऑप्टिकलउपकरण Optical equipment | Optic | 3rd Order Small Revolving Optic |
| | | Make | B.B.T. (Except source changer system) |
| | | Type | Revolving |
| | | Size | 375mm |
| | | No. of lens | 4 (each of 60°) |
| | | Area of dioptric portion | 1756 sq. cm (corrected area 1264 sq.cm) |
| | | Area of catadioptric portion | 2838 sq. cm (corrected area 2186 sq.cm) |
| | | Divergence Main/Emergency | Horizontal - 8.36°, Vertical - 6.08° |
| | | Duration of Flash Main /Standby/Emergency | 0.70 sec |
| | | Pedestal | Mercury float (30kg in use) |
| | | Rotation Device | Dual stepper motor 40kgcm with autochange-over |
| | | R.P.M. illuminant | 2 |
| | | Main | 3 × 150watt Metal Halide Lamp Cluster, 230V |
| | | Standby Emergency: | NA NA |
| | | Date of Installation | 10-04-1960 |
| 8 | Main & Standby | 90000 cd | |

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| | प्रभावीबीमतीव्रता/Effective beam intensity | Emergency | NA | | | | | |
| 9 | लैंटर्न/Lantern | Diameter | 2.0 M | | | | | |
| | | Height of glazing | 1.3 M | | | | | |
| | | No. of panes | 16 | | | | | |
| | | Ventilators | 7 | | | | | |
| 10 | RACON | | Sr. No | | NA | | | |
| | Make | Model | Code | | Band | | Date of Installation | |
| | NA | NA | NA | | NA | | NA | |
| 11 | NAIS | | | | | | | |
| | Base Station | | | | | | | |
| | Model | Type | Power | | MMSI | | | |
| | PSS | R-40 | 25watt | | 004192232 | | | |
| | Communication Equipment | | | | | | | |
| | VSAT Antenna | Band | Modem | | | | | |
| | 1.8m VSAT | S | Hughes HT2300 | | | | | |
| | DGPS | | | | | | | |
| | Transmitter Make | Frequency | Power Output | RS 1 ID | RS -II ID | Beacon ID | Date of commissioning | Date of Recaptalization |
| | NA | NA | NA | NA | NA | NA | NA | NA |
| | 12 | ऊर्जाकिसाधन/Source of energy | Mains | | MSEDCL 3phase 440V, 50Hz | | | |
| Standby | | | Genset 7.5kva single phase | | | | | |
| Engine 1 | | | | | | | | |
| Make/Type | | | Qty | Rating | No of Cylinder | RPM | Cooling | |
| Kirloskar (Canopy type) | | | 1 | 16BHP | 2 | 1500 | Air | |
| Alternator | | | | | | | | |
| Make/Type | | | Qty | Rating | Voltage/ Amp | Frequency | Phase | |
| Kirloskar | | | 1 | 7.5kva | 240V/31.2Amps | 50Hz | 1 | |
| Solar Plant | | | | | | | | |
| Capacity PV | | | Numbers | | Type | Battery | Bank | |
| NA | | | NA | | NA | NA | NA | |
| Solar Plant for Main | | | | | | | | |
| Capacity PV | | | Numbers | | Type | Battery | Bank | |
| 200W -02NOS 190W – 01NOS | 03 | | Mono-cystalline | 12V, 150AH (03 nos) | NA | | | |

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| 13 | स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers | | | | | | | | |
| | Make | Model | Capacity | Input | Output | Phase | Qty | | |
| | VS power system | VSP/servo/air/India | 5 KVA | 160-260Volts | 240volts | 1 | 1 | | |
| 14 | बैटरी Batteries | | | | | | | | |
| | Equipment | Type | Make | Volt | Amp/Hr | Qty | Condition | | |
| | PSS NAIS | EP-150-12 | Exide | 12v | 150AH | 2 | U/S | | |
| | Genset | FXP5-XP-1000 | Exide | 12v | 100AH | 1 | Good | | |
| | Automation | EP-26-12 | Exide | 12v | 26AH | 2 | Good | | |
| | DGPS | NA | NA | NA | NA | NA | NA | NA | |
| 15 | बैटरीचार्जर/ Battery charger | | | | | | | | |
| | Equipment | Make | Model | Type | Rating | Qty | Condition | | |
| | General Purpose | NA | NA | Na | NA | | NA | | |
| | Automation | Nagoba Electronics | - | - | 24v/10A | 1 | Good | | |
| 16 | इंवर्टर/Inverter /UPS | | | | | | | | |
| | Equipment | Nos | Make | Model | Type | Rating | Qty | input | output |
| | Main Light | 3 | Luminous | 1050/12V | Eco watt Neo | 1050VA | 3 | 12VDC | 230 Vac |
| | NAIS PSS | 1 | Exide | Exide/1450/DSP PST | Sinewave | 1450VA | 1 | 24VDC | 240 Vac |
| | DGPS | NA | NA | NA | NA | NA | NA | NA | NA |
| 17 | स्वचलनउपकरण Automation Equipment | | | | | | | | |
| | MAKE | PLC | HMI | Power Supply | VSAT | Modem | Band | | |
| | NELCO | Telemecanique | Schneider | 24VDC | - | Dlink | - | | |
| 18 | आग्निशमनउपकरण Fire Fighting Equipment | | | Type of Extinguisher | Capacity | Nos | Make | | |
| | | | | DCP Type | 1kg | 2 | Chandrakant & Company | | |
| | | | | DCP Type(u/s) | | | | | |
| | | | | Foam Type(u/s) | | | | | |
| | | | | Water Type | 9litre | 1 | Supremex | | |
| | | | | DCP Type | | | | | |

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| 19 | संचार Communication | Not available | | | |
| 20 | जलपूर्ति Water Supply | Open well is available in compound and water is pumped to tank using 0.5HP water pump. Insufficient water during summer season. Also borewell s available with 2HP water pump used for gardening purpose. | | | |
| 21 | भूमि Land | Area | | | 0.991 Hectare |
| | | Demarcation | | | Demarcation carried in sept-2019. Covered with compound wall. |
| 22 | इमारतें Buildings | One unit of Inspection Quarter (attached powerhouse),oil store room,NA-1 quarter 1No, NA-2 quarter 1No, NA-3 quarter 1No,LHA quarter 2No | | | - |
| 23 | कंपाउंडलाइट Compound Lights | 7Nos | | | |
| 24 | सीसीटीवीकमेरा CCTV CAMERA | Camera | | | NA |
| | | DVR | | | NA |
| 25 | स्टाफ Staff | Sl. No | Designations | | |
| | | 1 | Navigational Assistant Grade I | | |
| | | 2 | Lighthouse Attendant | | |
| 26 | पहुँचनेकामाध्यम Mode of approach | By rail upto kankavli. 60km by road from kankavli to Devgad. Walk/Auto rikshaw 3kms distance from Bus Depo to Lighthouse | | | |
| 27 | उपलब्धसुविधाए Facilities available | Marine Police Station | 3kms | | |
| | | Dispensary | 3.5kms | | |
| | | High School | 3.5kms | | |
| | | Post office | 3kms | | |
| 28 | डाकपता Postal address | Head light keeper Devgad lighthouse Devgad fort Devgad Taluka Devgad District Sindhudurg Pin 416613 | | | |
| 29 | मूल्यकाब्योरा Cost details (At the time of Construction) | Rs. 1,86,185.11 | | | |

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| 30 | प्रवर्तनमेलानेकादेनांक <i>Date of commissioning</i> | 10-04-1960 |
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