

**INLAND WATERWAYS AUTHORITY OF INDIA,  
MINISTRY OF PORTS, SHIPPING, AND  
WATERWAYS GOVERNMENT OF INDIA**

**RO, KOCHI**

**VESSEL ALBUM WITH SPECIFICATION**



**MAY 2024**

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## MV CV RAMAN



### DETAIL SPECIFICATIONS

|                                 |  |                      |  |
|---------------------------------|--|----------------------|--|
| Name of vessel:                 | <b>MV CV Raman</b>   | Type of Vessel:      | <b>RO-RO</b>   |
| Port Of Registry:               | <b>Kodungallur</b>   | Reg. No.:            | <b>KIV/KDR/FR/0693/20</b>  |
| Year of Built:                  | 2020   | Name of Builder      | <b>M/s Cochin Shipyard Pvt Ltd Kochi</b>   |
| <b>Technical Specification:</b> |  |                      |  |
| Length:                         | 56 m   | GRT:                 | 575 MT   |
| Breadth:                        | 13.50 m  | NRT:                 |  |
| Depth:                          | 3.0 m  | Draft:               | 1.768 m  |
| <b>Engine Specification :</b>   |  |                      |  |
| Main Engine (P):                | Cummins. Model QSL-8.39-M X 246KW X 1800 RPM                                     | Main Engine (S):     | Cummins. Model QSL-8.39-M X 246KW X 1800 RPM   |
| Main Propulsion (P):            | Veth Propulsion VZ-200, 246 KW X 1800 RPM  | Main Propulsion (S): | Veth Propulsion Type-VZ-200, 246 KW X 1800 RPM   |
| Genset (P):                     | Sigma Power control Systems Pvt Ltd, Model: PCS-MA-0075-AX-21-1, 60KW @ 1500 RPM | Genset(S):           | Sigma Power control Systems Pvt Ltd, Model: PCS-MA-0075-AX-21-1, 60KW @ 1500 RPM             |
| Theoretical Fuel Consumption:   | 73 Ltrs / Hr. at 60% load  | Capacity:            | 6 nos. 20 ft Truck + 3 nos. 20 ft Trailer Truck + 3 nos. 40 ft trailer truck <b>(15 TEU)</b> |

## MV ADI SHANKARA



### *DETAIL SPECIFICATIONS*

|                                 |  |                      |  |
|---------------------------------|--|----------------------|--|
| Name of vessel:                 | <b>MV Adi Shankara</b>   | Type of Vessel:      | <b>RO-RO</b>   |
| Port Of Registry:               | <b>Kodungallur</b>   | Reg. No.:            | <b>KIV/KDR/FR/0692/20</b>  |
| Year of Built:                  | 2020   | Name of Builder      | <b>M/s Cochin Shipyard Pvt Ltd Kochi</b>   |
| <b>Technical Specification:</b> |  |                      |  |
| Length:                         | 56 m   | GRT:                 | 575 MT   |
| Breadth:                        | 13.50 m  | NRT:                 |  |
| Depth:                          | 3.0 m  | Draft:               | 1.768 m  |
| <b>Engine Specification :</b>   |  |                      |  |
| Main Engine (P):                | Cummins. Model QSL-8.39-M X 246KW X 1800 RPM                                     | Main Engine (S):     | Cummins. Model QSL-8.39-M X 246KW X 1800 RPM   |
| Main Propulsion (P):            | Veth Propulsion VZ-200, 246 KW X 1800 RPM  | Main Propulsion (S): | Veth Propulsion Type-VZ-200, 246 KW X 1800 RPM   |
| Genset (P):                     | Sigma Power control Systems Pvt Ltd, Model: PCS-MA-0075-AX-21-1, 60KW @ 1500 RPM | Genset(S):           | Sigma Power control Systems Pvt Ltd, Model: PCS-MA-0075-AX-21-1, 60KW @ 1500 RPM             |
| Theoretical Fuel Consumption:   | 73 Ltrs / Hr. at 60% load  | Capacity:            | 6 nos. 20 ft Truck + 3 nos. 20 ft Trailer Truck + 3 nos. 40 ft trailer truck <b>(15 TEU)</b> |

## CSD CHAMPAKKARA



### DETAIL SPECIFICATIONS

|                                      |   |                 |  |
|--------------------------------------|---|-----------------|--|
| Name of vessel:                      | <b>CSD<br/>Champakkara</b>                    | Type of Vessel: | <b>Cutter Suction Dredger</b>                      |
| Port Of Registry:                    | <b>Kodungallur</b>                            | Reg. No.:       | <b>KIV/KDR/D.R/0100/11</b>                         |
| Year of Built:                       | 2010  | Name of Builder | <b>M/s Startech Shipyards<br/>Pvt Ltd. Chennai</b> |
| <b>Technical Specification:</b>      |   |                 |  |
| Length:                              | 16.25 m                                       | GRT:            | 27 MT  |
| Breadth:                             | 4.25 m  | NRT:            |  |
| Depth:                               | 1.30 m  | Draft:          | 1 m  |
| <b>Engine Specification:</b>         |   |                 |  |
| Dredge Engine:                       | Caterpillar,<br>Model- 3406 DI-<br>TA, 325 HP | Dredge pump:    | IHC P&S, Type- IHC-60-<br>15-24, 241 HP            |
| <b>Details of Propulsion System:</b> |   |                 |  |
| Gear Box:<br>Type / Make:            | IHC P&S, Model-<br>SV-200-C, Ratio<br>1:1.806 | Capacity:       | 150 Cu.M   |
| Theoretical Fuel<br>Consumption:     | 35.75 Ltrs / Hr at<br>60% load                |                 |  |

## AD MANIMALA



### DETAIL SPECIFICATIONS

|                                      |  |                 |  |
|--------------------------------------|--|-----------------|--|
| Name of vessel:                      | <b>AD Manimala</b>                     | Type of Vessel: | <b>Amphibian Dredger</b>   |
| Port Of Registry:                    | <b>Kodungallur</b>                     | Reg. No.:       | <b>KIV/KDR/D.R/0098/12</b>   |
| Year of Built:                       | 2011                                   | Name of Builder | <b>M/s Aquamec Ltd, Finland</b>  |
| <b>Technical Specification:</b>      |  |                 |  |
| Length:                              | 10.50 m                                | GRT:            | 12 T   |
| Breadth:                             | 3.20 m                                 | NRT:            |  |
| Depth:                               | 1.05 m                                 | Draft:          | 0.75   |
| <b>Engine Specification :</b>        |  |                 |  |
| Dredge Engine:                       | Caterpillar, Model- JFT-12205, 225 HP  | Propulsion unit | Hydraulic motor driven, Make: Parker F12-90 Hannifnn, Single propeller |
| <b>Details of Propulsion System:</b> |  |                 |  |
| Gear Box: Type / Make:               | Rexroth, Type:A11VO95HD2D/10R-NZD12KO, |                 |  |
| Theoretical Fuel Consumption:        | 24.75 Ltrs / Hr at 60% load            |                 |  |

## WB CHEMBAKAM



### DETAIL SPECIFICATIONS

|                                      |                                      |                        |  |
|--------------------------------------|--------------------------------------|------------------------|--|
| Name of vessel:                      | <b>WB Chembakam</b>                  | Type of Vessel:        | <b>Work Boat</b>                                 |
| Port Of Registry:                    | <b>Kodungallur</b>                   | Reg. No.:              | <b>KIV/KDR/PV/0334/12</b>                        |
| Year of Built:                       | 2012                                 | Name of Builder        | <b>M/s Startech Shipyards Pvt Ltd. Chennai</b>   |
| <b>Technical Specification:</b>      |                                      |                        |  |
| Length:                              | 15.75 m                              | GRT:                   | 47 MT  |
| Breadth:                             | 5.10 m                               | NRT:                   |  |
| Depth:                               | 2.40 m                               | Draft:                 | 1.4 m  |
| <b>Engine Specification :</b>        |                                      |                        |  |
| Main Engine (P):                     | Ashok leyland Model- ALM 680, 156 HP | Main Engine (S):       | Ashok leyland Model- ALM 680, 156 HP             |
| Gen set:                             | Simpsons & Co Ltd model- S217, 20 HP | Gear Box: Type / Make: | Twin disc International make: MG-5065-SC, 276 KW |
| <b>Details of Propulsion System:</b> |                                      |                        |  |
| Theoretical Fuel Consumption:        | 34.32 Ltrs / Hr. at 60% load         |                        |  |

## WB JAMANTHY



### DETAIL SPECIFICATIONS

|                                      |                                      |                        |  |
|--------------------------------------|--------------------------------------|------------------------|--|
| Name of vessel:                      | <b>WB Jamanthy</b>                   | Type of Vessel:        | <b>Work Boat</b>                                 |
| Port Of Registry:                    | <b>Kodungallur</b>                   | Reg. No.:              | <b>KIV/KDR/PV/0333/12</b>                        |
| Year of Built:                       | 2012                                 | Name of Builder        | <b>M/s Startech Shipyards Pvt Ltd. Chennai</b>   |
| <b>Technical Specification:</b>      |                                      |                        |  |
| Length:                              | 15.75 m                              | GRT:                   | 47 MT  |
| Breadth:                             | 5.10 m                               | NRT:                   |  |
| Depth:                               | 2.40 m                               | Draft:                 | 1.4 m  |
| <b>Engine Specification :</b>        |                                      |                        |  |
| Main Engine (P):                     | Ashok leyland Model- ALM 680, 156 HP | Main Engine (S):       | Ashok leyland Model- ALM 680, 156 HP             |
| Gen set:                             | Simpsons & Co Ltd model- S217, 20 HP | Gear Box: Type / Make: | Twin disc International make: MG-5065-SC, 276 KW |
| <b>Details of Propulsion System:</b> |                                      |                        |  |
| Theoretical Fuel Consumption:        | 34.32 Ltrs / Hr. at 60% load         |                        |  |



## SL PAMBA



### DETAIL SPECIFICATIONS

|                                      |  |                  |   |
|--------------------------------------|--|------------------|---|
| Name of vessel:                      | <b>SL Pamba</b>                                    | Type of Vessel:  | <b>Survey Launch</b>                    |
| Port Of Registry:                    | <b>Kodungallur</b>                                 | Reg. No.:        | <b>KIV/KDR/PV/0116/11</b>               |
| Year of Built:                       | 1999   | Name of Builder  | <b>M/s Western Marine</b>               |
| <b>Technical Specification:</b>      |  |                  |   |
| Length:                              | 15.6 m   | GRT:             | 40 T                                    |
| Breadth:                             | 4.2 m  | NRT:             |   |
| Depth:                               | 1.7 m  | Draft:           | 0.8 m                                   |
| <b>Engine Specification :</b>        |  |                  |   |
| Main Engine (P):                     | Ashok Leyland<br>Model: ALM 402,<br>100 HP         | Main Engine (S): | Ashok Leyland Model:<br>ALM 402, 100 HP |
| Genset (P):                          | Kirlosakr,<br>14 HP                                |                  |   |
| <b>Details of Propulsion System:</b> |  |                  |   |
| Gear Box:<br>Type / Make:            | Twin disc Type:<br>MG 5011A<br>(STBD), MG<br>5055A |                  |   |
| Theoretical Fuel<br>Consumption:     | 22 Ltrs / Hr. at<br>60% load                       |                  |   |

THANK YOU