



# UDUPI COCHIN SHIPYARD LIMITED

Malpe Harbour Complex, Malpe,  
Udupi, Karnataka - 576 108, India.  
Tel - 0820 2538604.

## **TENDER FOR 3D MODELLING & DETAILED ENGINEERING FOR 6300TDW GENERAL CARGO VESSEL- UY175**

Tender No. & Date	UCSL/CC/T/6300TDW/001 DT: 25 <sup>TH</sup> MARCH 2025
Name of work	3D MODELLING & DETAILED ENGINEERING
Last date & time of receipt of tender	31 <sup>ST</sup> MARCH 2025 (MONDAY), 16:00HRS.
Date & time of opening of Bid	31 <sup>ST</sup> MARCH 2025 (MONDAY), 16:00HRS.

### **1. DESCRIPTION OF WORK**

- 1.1. This document lists out the detailed scope of 3D Modelling and Detailed engineering requirements, production drawing preparation and submission of drawings pertaining to Electrical Outfitting for 6300 TDW Dry Cargo Vessel (UY 175) using Cadmatic Software.
- 1.2. The Agency/Contractors are advised to familiarize themselves with the site conditions before quoting.

### **2. METHOD OF AWARDING CONTRACT**

- 2.1. Contract will be concluded with Bidder agreeing to Tender conditions and emerging as L1.
- 2.2. UdupiCSL also reserves the right to split the optional work orders to any number of bidders willing to match with L1 rate, if the performance of selected bidder is not satisfactory.
- 2.3. UdupiCSL reserves the right to cancel the tender if required.

### **3. SCOPE OF WORK**

The detailed Scope of works is as given below, available 3D Cadmatic model, supplied by Basic Designer. The 3D Cadmatic model is updated/being updated with reference to Hull, Piping and Machinery by the Basic Designer.

The Firm should use UdupiCSL Cadmatic Outfitting License and work from firm's premises and update in real time model in UdupiCSL, through VPN/ Remote desk top.

#### **3.1. MODELLING OF THE ELECTRICAL EQUIPMENT.**

- 3.1.1. All electrical cabinets are to be modeled with maintenance space for space reservation (including door opening/maintenance space).
- 3.1.2. All small electrical equipment such as lighting system, fire system, intercom system, PA system, TV system equipment, etc. unless otherwise specified to be modeled for space reservation and for extracting MLFs/BOMs from the model.
- 3.1.3. All antennas are to be placed in the model.
- 3.1.4. Components for electrical equipment to be specific for the respective item and should be editable if required in future.

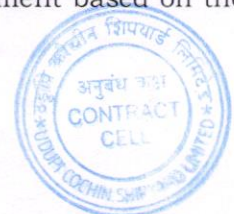




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- 3.1.5. Electrical equipment is to be modeled as per the UdupiCSL naming convention and standards.
- 3.1.6. All the equipment shall be modelled as per the actual dimensions of the equipment or item as per the binding data.
- 3.2. MODELLING OF ELECTRICAL CABLE TRAYS.**
- 3.2.1. Main electrical cable trays and sub routes connecting to all the electrical equipment including the mast to be modeled in the 3D model.
- 3.2.2. Pipes for routing cables to underwater equipment, cargo deck, sensors, level switches, limit switches, etc. to be modeled.
- 3.2.3. The main cable ways modelled shall be provided with Cable points, such that the identification of the cable routes from Electrical Fitting Arrangement Drawings would be possible for cable pulling.
- 3.2.4. Cableways are to be modeled as per the UdupiCSL naming convention and standards.
- 3.3. MODELLING OF PENETRATIONS REQUIRED FOR CABLEWAYS.**
- 3.3.1. Cable penetrations (Coamings) /Multi cable transit through bulkheads and decks to be modeled.
- 3.3.2. Cable penetration (Coamings) for penetrating girders is to be modelled.
- 3.3.3. Goosenecks and penetration to exposed deck individual equipment to be modeled.
- 3.3.4. Cable penetration (Coamings) are to be modeled as per the UdupiCSL naming convention and standards.
- 3.4. MODELLING OF CABLE TRAY SUPPORT.**
- 3.4.1. All support required for supporting the main cableways and sub-routes is to be modelled in Outfitting.
- 3.4.2. Cableway supports are to be modelled as per the UdupiCSL naming convention and standards.
- 3.5. MODELLING OF EQUIPMENT FITTING SEAT.**
- 3.5.1. Fitting seats for all electrical equipment/cabinets to be modeled.
- 3.5.2. Perforated plate seats for small equipment to be modeled.
- 3.5.3. Sensors etc. unless otherwise specified except electrical equipment mounting on accommodation wall/ceiling panels having less weight.
- 3.5.4. Fitting seats are to be modeled as per the UdupiCSL naming convention and standards.
- 3.5.5. Necessary carlings to be included in the model for major equipment based on the maker details.




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**3.6. PREPARATION OF PRODUCTION DRAWING IN CADMATIC AND SHARE THE DRAWINGS IN AUTOCAD FORMAT.**

The scope includes, detail list of deliverables given at clause 5.1

- 3.6.1. Fabrication drawing of electrical seats.
  - 3.6.2. Fabrication drawing of cableway supports block wise.
  - 3.6.3. Fitting arrangement drawings.
  - 3.6.4. Fabrication drawing of Misc. items (coamings, goosenecks etc.).
  - 3.6.5. BoM/MLF as per UdupiCSL template for the above drawings.
  - 3.6.6. Production drawings as per the UdupiCSL standards in AutoCAD/DXF, and pdf format. As applicable, document shall be submitted in MS Excel.
- 3.7. **CABLE SCHEDULE:** Cable schedule shall be prepared and submitted as per UdupiCSL format, based on the wiring diagrams provided by UdupiCSL. Cable schedule shall include cable routes indicating cable points mentioned in the Fitting Arrangement Drawings and the length. Cable schedule shall be done either using the selected 3D Modelling Software or using MS Excel.
- 3.8. Thorough and detailed checking of the 3D model for interferences, compliance to rules, regulations, safety, ergonomics, ease of operation, ease of maintenance, aesthetic appearances, weight consideration and to the satisfaction of UdupiCSL/owner.
- 3.9. Updating 3D models and production drawings based on Owner/Site/class /Design feedback within the contract period.

**4. INPUTS FROM UdupiCSL:**

- 4.1. UdupiCSL shall provide the necessary inputs in the form of hard/soft copy like applicable basic design, class /yard standards and OEM drawings deemed necessary for carrying out the detail design and production drawing extraction as required.
- 4.2. In case of binding data from OEM is not available during the production design as per schedule, UdupiCSL shall provide preliminary data and the designer shall execute the production design using the same. On availability of the binding data from the OEM, UdupiCSL shall furnish the same to the designer for implementation in production design for subsequent generation of drawings without any additional cost to UdupiCSL. Major equipment's under consideration shall be shared during initial phases for smooth execution of work.
- 4.3. Detailed Work schedule with timelines of drawings will be given by UdupiCSL to firm post PO placement.
- 4.4. The inputs required for the project to be handed over by UdupiCSL will be
  - i. Relevant basic design drawings.
  - ii. OEM(Equipment) binding drawing/Manuals.
  - iii. The UdupiCSL's standards to be followed for 3D modeling and preparation of drawings.
  - iv. Guidelines, format and drawing numbering scheme for preparing production drawings and sample drawing formats if required.
  - v. Wiring Diagrams for preparation of Cable Schedule.





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- 4.5. Depending upon the production schedules and based on binding data availability, the drawing may have to be issued partially for a particular area as agreed mutually. On the availability of balance binding data from UdupiCSL, the 3D model and drawings are to be updated and submitted without any additional cost to UdupiCSL.
- 4.6. UdupiCSL inputs will be shared through an FTP site or through any other mutually agreed mechanism deemed appropriate as per the type and nature of the vessel.

**5. DELIVERABLES & SCHEDULE:**

5.1. Deliverable scope includes:

- a) 3D Model updated with Electrical outfit items (in existing Cadmatic Model).
- b) Fabrication/foundation drawing of electrical seats.
- c) Fabrication drawing of cableway supports (block wise).
- d) Fitting arrangement drawings.
- e) Electrical equipment arrangement drawings deck wise.
- f) Main cable tray arrangement drawing.
- g) On block cable tray routing arrangement drawing.
- h) Local cable routing till equipment (block wise).
- i) Fabrication drawing of Misc. items (coamings, goosenecks etc.).
- j) BoM/MLF as per UdupiCSL template for the above drawings.
- k) Cable schedule in Excel format.
- l) Vetted electrical load chart.

Production drawings as per the UdupiCSL standards in AutoCAD/DXF, and pdf format. If applicable, document shall be submitted in MS Excel.

Firm to ensure before extracting drawings/documentation from the 3D model, that the model is collision-free with all outfit/hull items in that model.

5.2. Detailed Production drawing requirement schedule will be shared post PO placement. Preliminary drawing requirement date are as given below:

- i. Main Cable tray arrangement drawing -week 25.
- ii. On block cable tray routing arrangement and cable tray support fabrication drawing block wise – week 27-30.
- iii. Fabrication/foundation drawing electrical equipment seat -week 28 -31.
- iv. Local routing till end equipment blocks wise -week 27-30.

5.3. UdupiCSL will provide preliminary OEM equipment data/drawing as per the agreed timelines schedule (if final binding data is not available) in order to enable the Firm to prepare the 3D model and get that model reviewed by the UdupiCSL. On receipt of final input from UdupiCSL, the Firm shall replace the model with the final input.

**6. OTHER TERMS AND CONDITIONS:**

- 6.1. The Firm shall have adequate expertise in CADMATIC 3D modeling software. Evaluation of firm's capability will be done during technical evaluation. UdupiCSL or UdupiCSL representative will be visiting office to check the suitability of firm.
- 6.2. Firm ensure qualified person are engaged for modelling and production drawing preparation.





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- 6.3. The production drawings shall be prepared only after the concurrence of the 3D model by UdupiCSL. Based on the approved 3D model, the production drawings in the agreed Format (A3/A0 format in general) complying to UdupiCSL standards shall be prepared.
- 6.4. The Firm shall submit the 3D model and drawings with 100% completion and to the satisfaction of the UdupiCSL/Owner.
- 6.5. Firm shall be required to maintain a single point contact for all technical correspondences. The Firm's single point of contact shall intimate the progress of work to UdupiCSL.

**7. CONFIDENTIALITY AND PROPERTY RIGHTS:**

- 7.1. The designer shall not use or make accessible to third part any or all drawings, documentation, specification etc. which are generated based on this contract for any other purpose. A separate non-disclosure agreement shall be signed between the parties unconditionally along with the contract restricting the use of the design /data further.
- 7.2. All technical documents relating to the vessel or similar vessels or other technical information received by the designer for production design will be property of the yard and shall not be used for any purpose other than modelling and drawing generation for UdupiCSL. The designer shall not, use or copy, reproduce, transmit or communicate to any third party the technical documents, 3D models or other technical information received or produced by the designer for the project awarded.
- 7.3. All deliverables by the designer shall remain intellectual property of UdupiCSL.

**8. DURATION OF CONTRACT: 3 months. (May 2025 -July 2025).**

**9. VALIDITY**

- 9.1. The offer shall be valid for a period of 06 months.

**10. TAXES & DUTIES**

- 10.1. GST shall be applicable extra on the prescribed work from 01.07.2017 onwards. You are requested to furnish the following details in the invoice/Bill.
- Applicable rate of GST/SAC Code
  - Firms GST Reg. NO.
  - Service accounting code (SAC) as prescribed by statutory authorities.
  - GST Reg. No. of Udupi Cochin Shipyard Limited (**29AAACT1281B1ZO**).

**11. PAYMENT**

- 11.1. Payment shall be made after completion work and on certification of the work by UdupiCSL Deign department representative for the quality and the quantity of the work.
- 11.2. The payment shall be made within 30days from submission of invoice along with the work completion certificate
- 11.3. Invoice shall be submitted with necessary work completion certificate duly certified by UdupiCSL representative and payment will be made on actuals only.





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11.4. Payment will be made by RTGS/NEFT to the account of Agency. The name of the bank, branch, A/C No., IFSC code & other particulars shall be furnished by the Agency in the proforma of UdupiCSL.

**12. LIQUIDATED DAMAGES**

12.1. The progress of work will be monitored against the mutually agreed detailed schedule. Liquidated damages for delays in execution of the work beyond the scheduled date of completion, for any reason other than force majeure conditions, will be recovered at the rate of half percent of the value of the contract per week or part thereof, subject to a maximum of ten (10) percent of the value of the contract.

12.2. For better clarity, order values mentioned in LD clause are values excluding duties and taxes (Basic value). Liquidated damages, if any, shall be decided and settled only after the completion of the entire project but prior to the release of Final stage Payment.

12.3. If, for any reasons, supplier has a justification towards delay in supply / work execution and would intend to consider applicability/ non applicability of LD, the same shall be intimated to UdupiCSL by way of a letter, failing which it will be deemed that delay is attributable to the supplier.

12.4. Delay in supply/Interruption of the work for reasons not attributable to supplier shall entitle extension of the order execution period for proportionate period without any additional cost to UdupiCSL.

**13. TERMINATION & LIMITATION OF LIABILITY**

13.1. This contract may be terminated upon the occurrence of any of the following events

13.2. By agreement in writing of the parties hereto;

13.3. By the non-defaulting party, upon default by the other party, of any clause of this contract, if not remedied within fifteen (15) days, or such longer time as may be agreed upon by the parties, after receipt of notice thereof in writing from the non-defaulting party;

13.4. By the other party, upon either party;

- i. Making the assignment for the benefit of creditors, being adjudged a bankrupt or becoming insolvent; or
- ii. Having a reasonable petition filed seeking its' dissolution or liquidation, not stayed or dismissed within sixty (60) days; or
- iii. Ceasing to do business for any reason.

13.5. For fraud and corruption or other unacceptable practices.

13.6. Upon expiry or termination of this Contract, neither party shall be discharged from any antecedent obligations or liabilities to the other party under this Contract unless otherwise agreed in writing.

13.7. UdupiCSL may by notice in writing to Agency to terminate the order after issuing due notice i.e., 30 days' notice period. UdupiCSL shall be entitled to compensation for loss limited to the order value.

13.8. Liability maximum that can be claimed by the Agency shall be limited to what is due to be and has been paid by UdupiCSL for work done as per the payment milestones and limited to work order value.





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#### **14. ARBITRATION & JURISDICTION**

- 14.1. Any disputes arising during the period of the contract shall, in the first instance be settled by mutual discussions and negotiations. The results of such resolution of dispute shall be incorporated as an amendment to the contract, failing which supplier shall approach the UdupiCSL Grievance Redressal Committee as per relevant clause of the Contract.
- 14.2. If any dispute, disagreement or question arising out of or relating to or in consequence of the contract, or to its fulfillment, or the validity of enforcement thereof, cannot be settled mutually or the settlement of which is not herein specifically provided for, then the dispute shall within thirty days from the date either party informs the other in writing that such disputes, disagreement exists, be referred to arbitration. The arbitrators shall be appointed and the arbitration proceedings shall be conducted in accordance with and subject to the Arbitration and Conciliation Act, 1996 (No. 26 of 1996) as amended from time to time and the decision of the Arbitrators shall be final and binding on the parties hereto. The arbitration will be done by a Board comprising one arbitrator nominated by each party, and a mutually agreed Umpire. Each party shall bear its own cost of preparing and presenting its case. The cost of arbitration shall be shared equally by the parties unless the award provides otherwise. Performance under this Contract shall however, continue during arbitration proceedings and no payment due or payable by the parties hereto shall be withheld unless any such payment is or forms a part of the subject matter of arbitration proceedings.
- 14.3. Seat & Venue of Arbitration: The seat & venue of arbitration shall be at Bangalore.
- 14.4. Language of Arbitration: The Language of arbitration shall be English.
- 14.5. Governing Law: The contract shall be governed by Indian Law.
- 14.6. In case of disputes, the same will be subjected to the jurisdiction of courts at Bangalore, Karnataka.

#### **15. SUB CONTRACTING AND ASSIGNMENT**

- 15.1. Contractor shall not assign nor transfer the Purchase Order/ Work Order nor shall any share or interest therein in any manner or degree be transferred or assigned by Contractor to a third party without prior consent in writing of UdupiCSL.
- 15.2. Contractor shall not contract with any subcontractor and/or vendor without the prior written consent of UdupiCSL. Such consent shall not relieve the Contractor from any of his responsibilities and liabilities under the Purchase Order/ Work Order. In addition, Contractor shall ensure that the terms and conditions of any such contract shall comply with and correspond to the terms and conditions of the Purchase Order/ Work Order.

#### **16. SECURITY & RESTRICTION ON INFORMATION TO MEDIA**

- 16.1. The information contained in the enquiry as such shall NOT be communicated to any third party without prior approval of UdupiCSL.
- 16.2. Information in respect of contracts/orders shall NOT be released to the national or international media or anyone not directly involved in its execution without the written approval of UdupiCSL.





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**17. CANCELLATION OF ORDER AND RISK CONTRACTING**

17.1. In the event the contractor fails to complete the work promptly and satisfactorily as per the terms of the order, and if the work is delayed beyond thirty (30) days from the agreed schedule, UdupiCSL, without prejudice, reserves the right to cancel the order and get the work done at contractor's cost and the expenditure so incurred including any damage or loss will be recovered from him and the Security Deposit furnished by him is liable to be forfeited either in whole or in part.

**18. FORCE MAJEURE**

18.1. Should failure in performance of any part of this contract arise from war, insurrection, restraint imposed by Government act or legislation of other statutory authority, from explosion, riot, legal lock-out, flood, fire, act of God or any inevitable or unforeseen event beyond human control which will be construed as a reasonable ground for extension of time, UdupiCSL may allow such additional time as is mutually agreed to be justified by the circumstances of the case.

**19. SAFETY OF PERSONNEL AND FIRST AID**

19.1. The Agency shall be entirely responsible for the safety of all the personnel employed by him on the work. In this regard, he may adopt all the required safety measures and strictly comply with the safety regulations in force. In this regard, the Contractor will have to fully indemnify UdupiCSL against any claims made by his workmen/other personnel.

19.2. The Agency may arrange to suitably insure all his workmen/ other personnel in this regard. UdupiCSL will not be responsible for any injury or illness to the Contractor's workmen/other personnel during execution of the works due to whatsoever reasons.

19.3. The Agency shall provide and maintain so as to be readily accessible during all working hours, a first aid box with prescribed contents at every place where he employs contract labor for executing the works.

**20. LABOUR LAWS AND REGULATIONS**

20.1. The Agency shall undertake and execute the work with contract Labor only after taking license from the appropriate authority under the Contract Labour (Regulation & Abolition) Act 1970.

20.2. The Agency shall observe and comply with the provisions of all labour and industrial laws and enactments and shall comply with and implement the provisions of the Factories Act, 1948, Employees Provident Funds & Miscellaneous Provisions Act, 1952, Employees State Insurance Act, Payment of Gratuity Act, minimum Wages Act, Payment of Bonus Act, Contract Labour (Regulation and Abolition) Act and all other enactments as are applicable to him and his workmen employed by him. The Agency shall inform UdupiCSL his license number from the Central Labour Commissioner.

20.3. Agency shall familiarize themselves with the labour rules & regulations.

**21. OVERWRITING & CORRECTIONS**

21.1. Tenders shall be free from overwriting or erasures. Corrections and additions, if any, shall be duly attested and a separate list of such corrections shall be attached with the offer







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**22. OTHER TERMS & CONDITIONS**

- 22.1. Quality of services shall conform to the specification/ standards laid down by UdupiCSL
- 22.2. UdupiCSL reserves the right to accept / reject any offer.
- 22.3. During the evaluation of tender, officer-in-charge may seek clarifications from the bidders. Clarification if any shall be given in writing/e-mail. Officer-in-charge's decision will be final and binding on the bidder.
- 22.4. Work has to be completed to the satisfaction of Udupi Cochin Shipyard Ltd.; Engineers deputed for the job. The job should be completed at the time specified by the supervising Engineer for each stage of work.
- 22.5. The Contractor shall indemnify UdupiCSL or its officers against any claims arising out of accidents or injuries to workmen or other persons or damage to other property which may arise during the execution of the contract or from breach of any Law or Regulation prior to delivery and acceptance of the items at UdupiCSL.
- 22.6. It is also to be understood by the Contractor that Udupi Cochin Shipyard Limited does not bind itself to give the Contractor any regular or specific quantity or area of work and it shall be done at the sole discretion of UdupiCSL depending on the prevailing site conditions and other limiting factors and no claim on this account from the contractor shall be entertained.
- 22.7. The Contractor shall also be governed by the General Conditions of Contract of UdupiCSL, General Safety Rules and other relevant labour laws.
- 22.8. Assistant General Manager or his authorized representative will be the Officer-in-charge of this Contract.
- 22.9. Contact details of concerned UdupiCSL Officer-In-Charge,  
 Ms. Triveni KK (AGM-Design) +91 9995806151.



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 25/3/25

**ASST. GENERAL MANAGER (MATERIALS & CONTRACT CELL)**

**गणेश आचार्य**  
**GANESH ACHARY**  
 प्रबंधक/MANAGER  
**उडुपि कोचीन शिपयार्ड लिमिटेड**  
**UDUPI COCHIN SHIPYARD LIMITED**  
 माल्पे, कर्नाटक/MALPE, KARNATAKA-576 108



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**23. PRICE BID FORMAT**

SL No:	Activity	Amount in INR
1	Charges for 3D Modelling & Detailed Engineering of 6300TDW General Cargo vessel as per scope of work	
2	<b>GST/IGST..... %:</b>	
3	<b>Grand Total Amount:</b>	

Signature:

Address of the contractor:

Date:

Seal:

23.1. Prices are to be quoted in the Pricing Format. The quotations to be submitted in the company letter head and forwarded to [contractcell@udupicsl.com](mailto:contractcell@udupicsl.com).

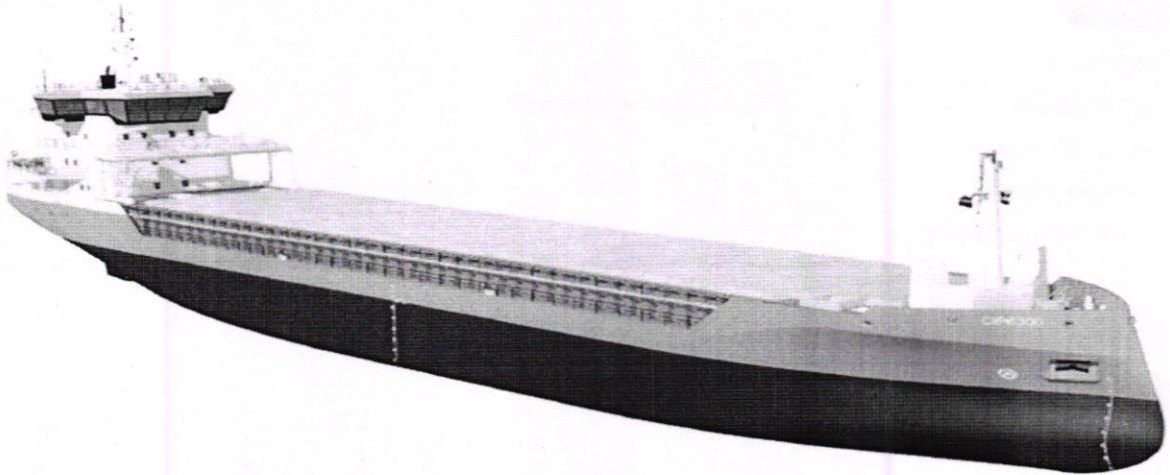
23.2. Quotations shall be submitted as Password Protected File. The bidders are advised to share the password through only SMS while opening the quotations.





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**VESSEL PARTICULARS:**



**6300 TDW DRY CARGO VESSEL**

**A. PRINCIPAL DIMENSIONS:**

Length over all	$L_{oa}$	approx..	99.99 m
Length between perpendiculars	$L_{pp}$	approx..	96.93 m
Breadth moulded	$B_{mid}$		15.85 m
Depth to main deck	$D$		8.80 m
Draught design	$T_{design}$		6.50 m
Draught maximum	$T_{max}$		6.75 m
Draught scantling	$T_{scantling}$		6.75 m
Deadweight at $T = 6.50$ m	$DWT_{design}$	approx..	<u>5970</u> t
Deadweight at $T = 6.75$ m	$DWT_{max}$	approx..	6,300 t
Air draught above ballast waterline		approx..	<u>28.00</u> m





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## B. TANK AND HOLD CAPACITIES

### 003.1 TANK CAPACITIES

Ballast water		2,538 m <sup>3</sup>
Fuel oil (MGO)	incl. day and overflow tanks	216 m <sup>3</sup>
Potable/fresh water		80 m <sup>3</sup>
Sewage collecting		36 m <sup>3</sup>
Lubrication oil (generator)		7.7 m <sup>3</sup>
Lubrication oil (gearbox)		4.8 m <sup>3</sup>
Lubrication oil (stern tube)		4.4 M <sup>3</sup>
Dirty oil		10.1 m <sup>3</sup>
Bilge water collecting		26.3 m <sup>3</sup>
Wash water holding		17.2 m <sup>3</sup>
Urea		16.9 m <sup>3</sup>

All tanks with associated capacities can be seen on the drawing tank arrangement (1002), which is attached as an appendix to the Specification (see appendix II).

### 003.2 HOLD CAPACITIES

Entire cargo hold capacity	approx..	317,090	cu.ft
	approx.	8,979	m <sup>3</sup>

## C. CLASS & FLAG RULES:

The Class notation for hull and machinery:

Hull : ✠ 1A Multipurpose dry cargo ship  
 Strengthened (IB 15 t/m<sup>2</sup>), DG(B), DG(P), DBC, EO,  
 LCS, ER(SCR, TIER III), SBC(1), BWM(T), BIS, TMON

## D. FLAG STATE (FLAG)

The Vessel to be registered as new general cargo vessel ship under Norwegian flag.  
 (Norwegian International Ship Registry – NIS)

## E. NATIONAL AND INTERNATIONAL REGULATORY BODIES

The Vessel shall comply with all applicable rules and regulations of national and international regulatory bodies based on the given design philosophy, below listed are the ones for this specific Vessel.

- Rules and regulations of the classification society;
- Rules and regulations of flag state;
- International Maritime Organization (IMO);
- International Convention on Safety of Life at Sea (SOLAS) 1974/1978 and latest amendments;
- International Load Line Convention, 1966/1988 and latest amendments;





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- International Conference Tonnage Measurement of Ships, 1969;
- Rules and regulations governing tonnage and navigation of the Panama and the Suez canal
- International Regulations for Preventing Collisions at Sea 1972 (COLREGS);
- International Convention for the Prevention of Pollution from Ships (MARPOL) 1973/1978 and latest amendments:
  - Annex, International Oil Pollution Prevention (IOPP);
  - Annex IV, International Sewage Pollution Prevention (ISPP);
  - Annex V, Prevention of Pollution by Garbage;
  - Annex VI, International Air Pollution Prevention (IAPP)
  - Annex VI, Engine International Air Pollution Prevention (EIAPP)
- Carriage of dangerous goods according SOLAS Chapter II-2 reg 19;
- IMDG-Code International Maritime Dangerous Goods Code (MSC.406(96));
- ILO maritime labour convention MLC 2006;
- IMO code on noise levels on board ships (A.468 (XII));
- FSS Code (Fire protection, fire detection, and fire extinction);
- LSA Code (Life-Saving Appliance);
- ISPS Code (International Code for the Security of Ships and of Port Facilities);
- BWM/CONF/36 "International Convention for the Control and Management of Ship Ballast Water and Sediments, 2004" and IMO Resolution. A.868(20) "Guidelines for the Control and Management of Ships' Ballast to Minimize the Transfer of Harmful Organisms and Pathogens";
- IMO Performance Standard for Protective Coatings (PSPC code);
- IMO Resolution A.962(23) – IMO Guidelines on Ship Recycling as amended by IMO Resolution A.980(24), or Ship
- Recycling Convention 2009;
- Regulation (EU) 1257/2013 on ship recycling and amending Regulation (EC) 1013/2006 and Directive
- 2009/16/EC.
- IMO Resolution MEPC.213(63) "2012 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP)" and Amendments;
- International Convention on the Control of Harmful Anti-fouling Systems on Ships (AFS), 2001;

Diesel generator engines in accordance with IMO tier III. Emergency diesel generator in accordance with IMO Tier II

