



Northern
Lighthouse
Board



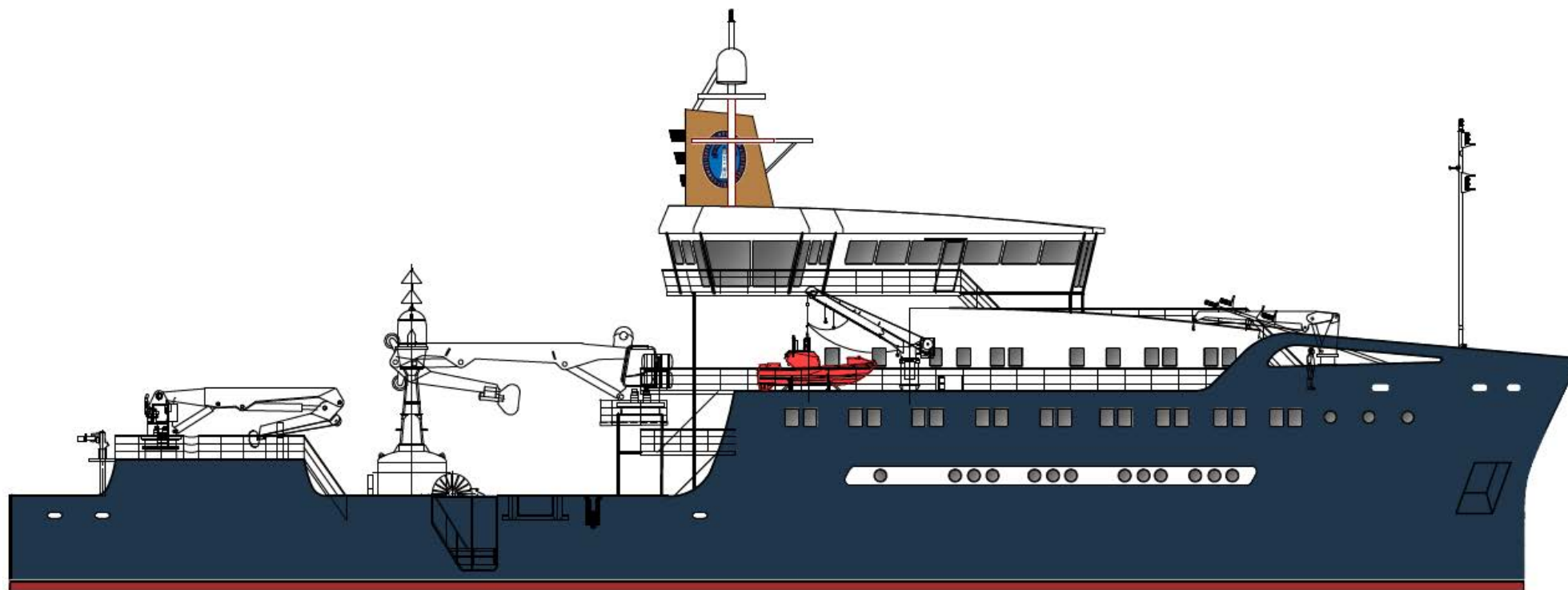
OSK-ShipTech A/S

Vessel Replacement Project Industry Day

General Arrangement & Technical Specification

Kristian Holten Møller,
OSK-ShipTech Head of Major Projects

The Tender General Arrangement

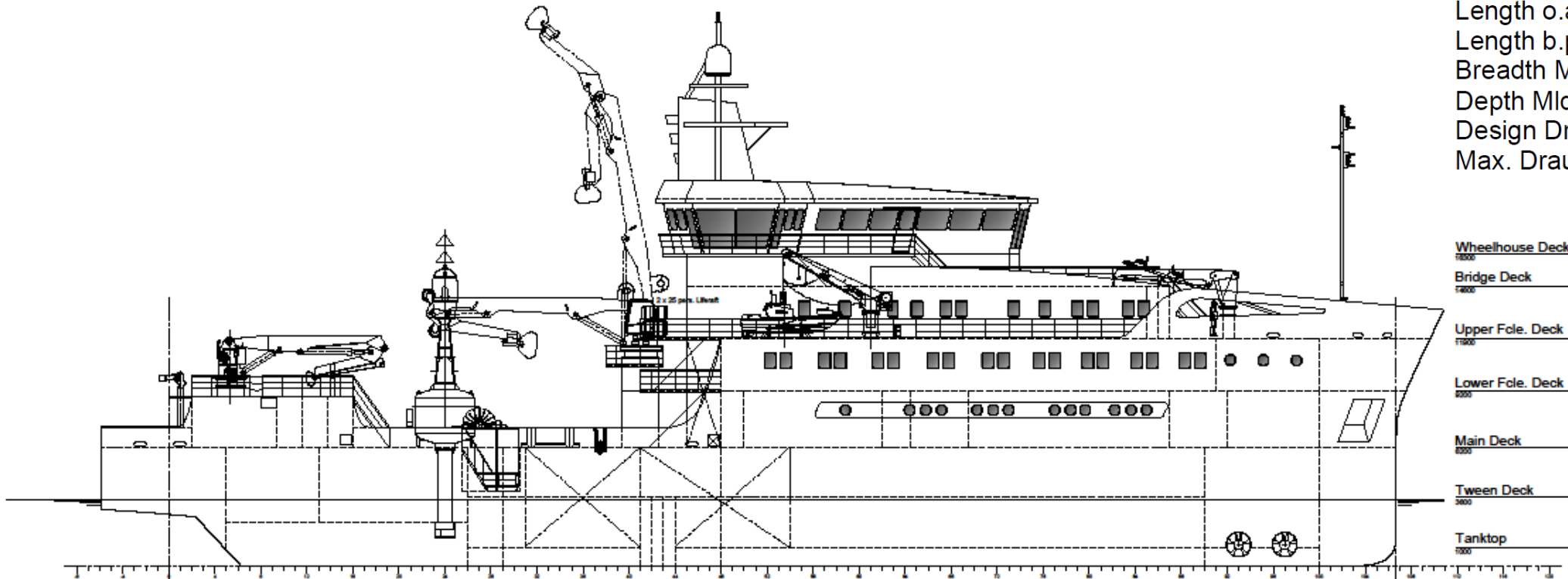


The Tender General Arrangement

The General Arrangement Plan should be regarded as “proof of concept” confirming that all the specification requirements laid out are reasonable and achievable.

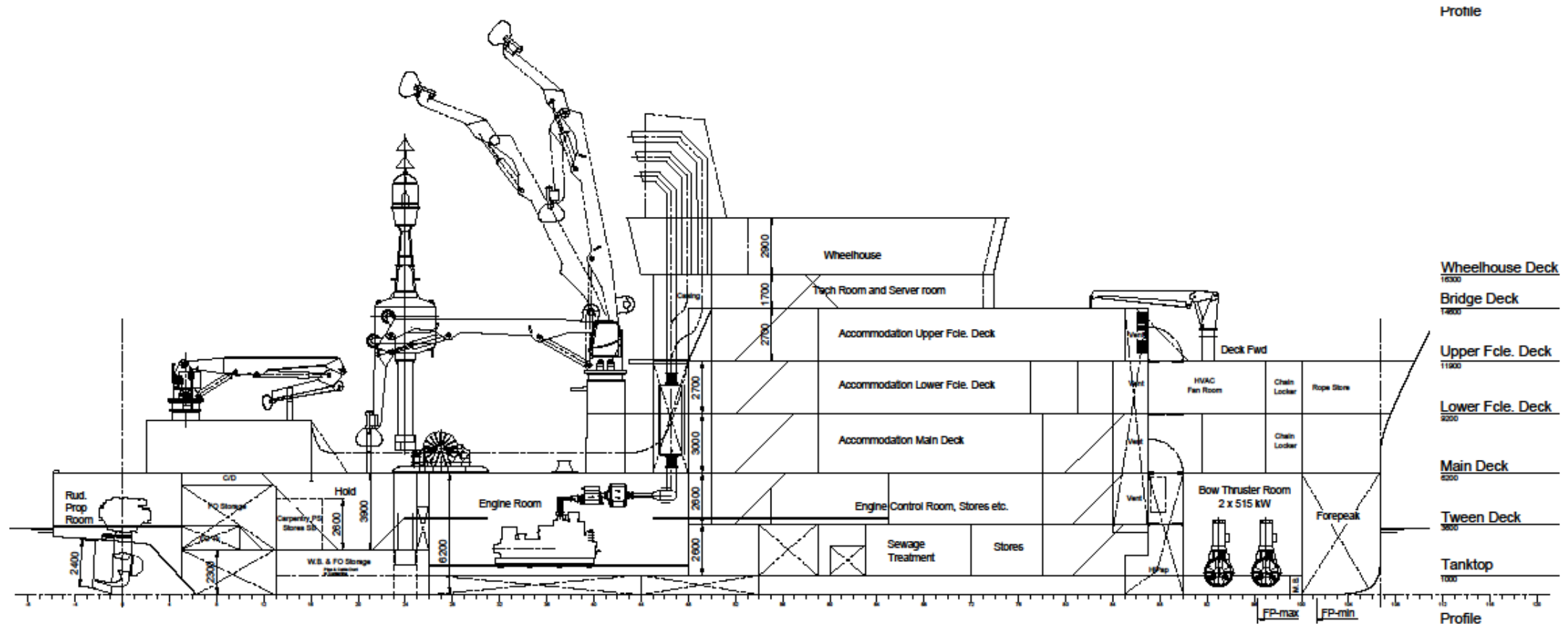
Main Dimensions

Length o.a.	70.000
Length b.p.	64.000
Breadth Mld.	15.200
Depth Mld.	6.200
Design Draught	3.400
Max. Draught	3.850



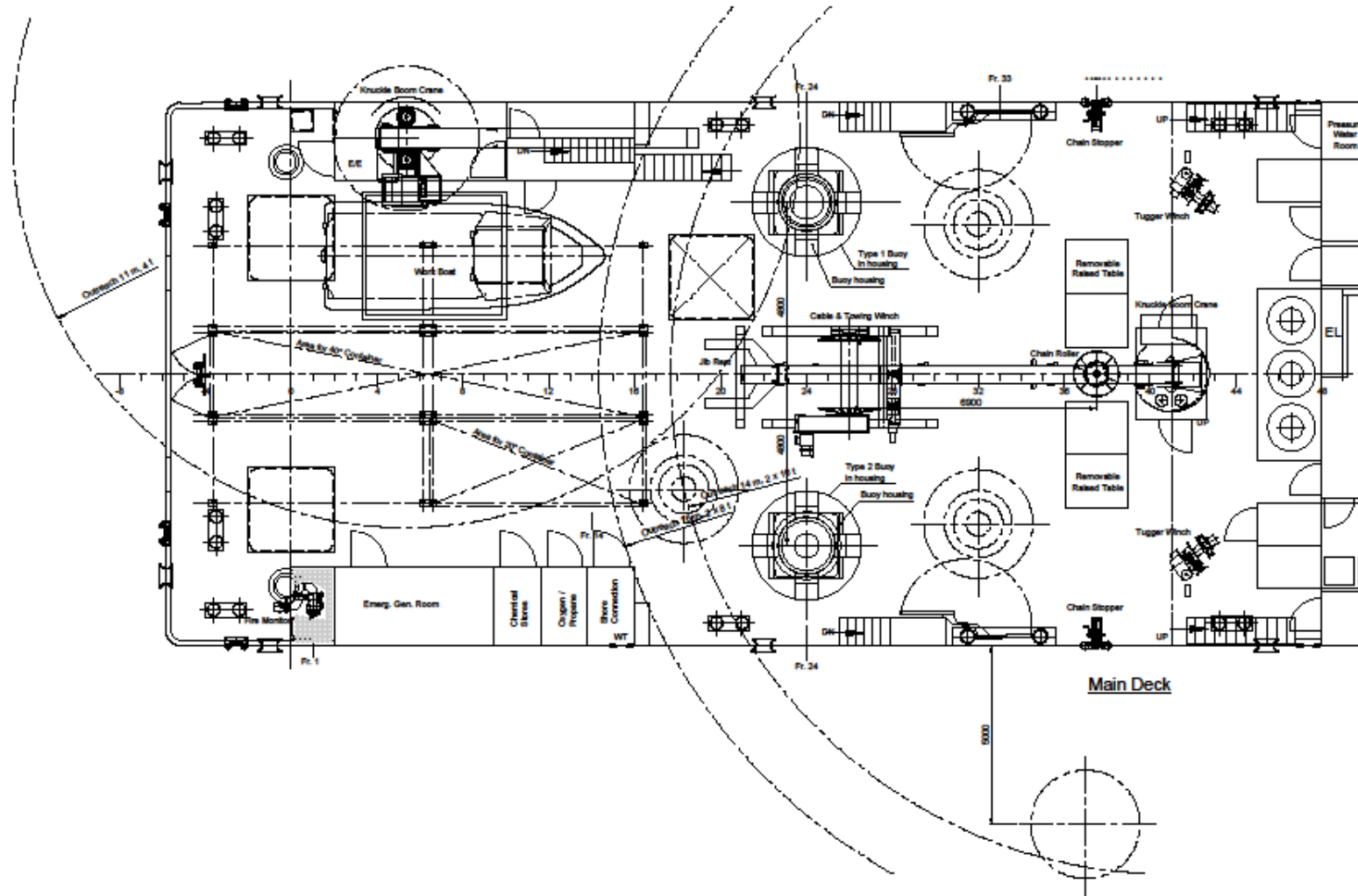
Subject to change

The Compartment in General



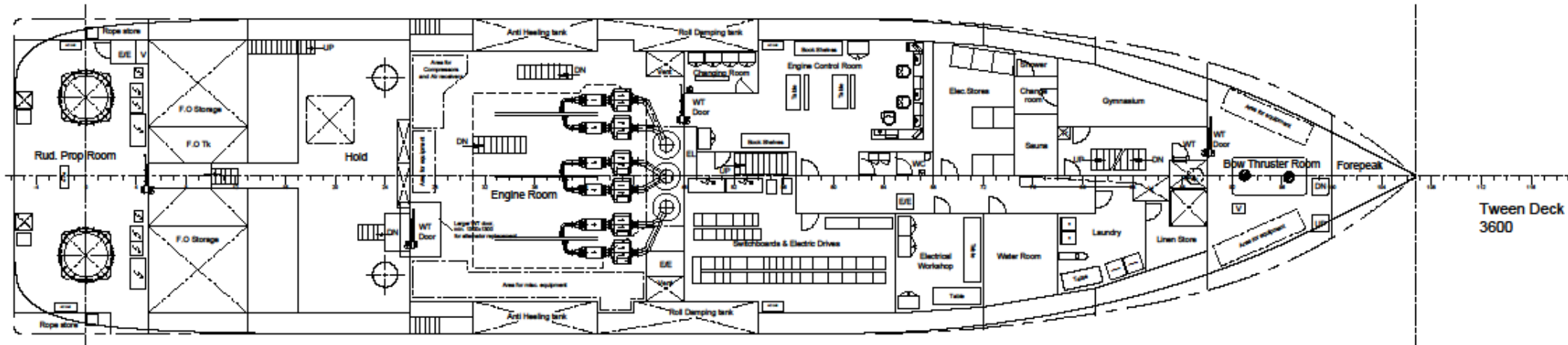
Subject to change

The Buoy Deck

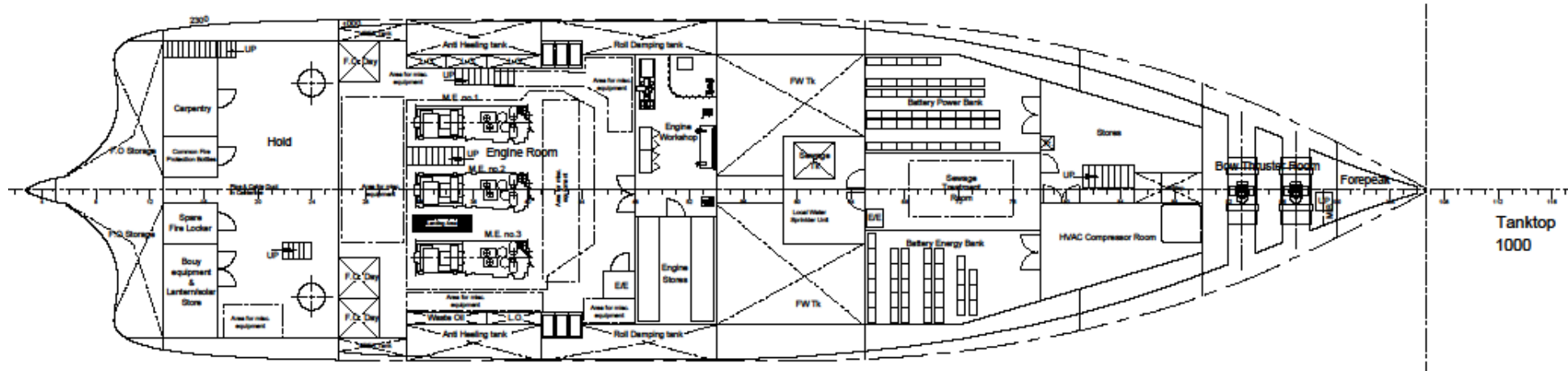


Subject to change

The Machinery & Propulsion



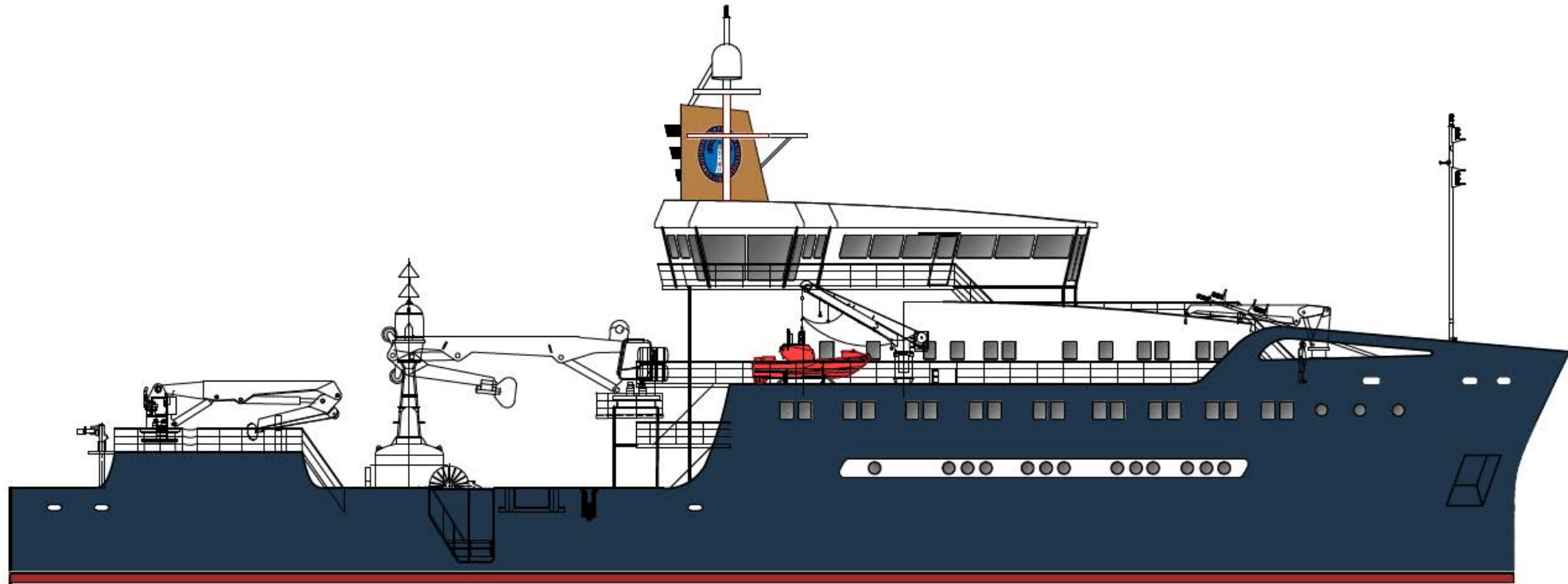
Tween Deck
3600



Tanktop
1000

Subject to change

The Technical Requirement Specification



The Technical Requirement Specification

Index Configuration

Main Sections

10 Design General
20 Structure
30 Hull Outfit and Equipment
40 Accommodation
50 Hull Engineering & Piping System
60 Main and Aux. Machinery
70 Machinery System
80 Electrical Machinery & Equipment
90 Automation

Each section

10 Design General
110 Rules and regulation
120 General Conditions
130 Documentations
140

Appendices:

200350.0109.01 - Tender General Arrangement
200350.0321.01 - Buoy Deck Arrangement
200350.XXXX.XX -

Subject to change

The Technical Requirement Specification

The Technical Requirement Specifications describe objectives, performances, capacities, standards and applicable requirements.

The Builders shall acquaint themselves with the design, carry out all calculations necessary and take responsibility for fulfilment of the intent and requirements of these specifications

The requirements are grouped into three categories:

Minimum Requirements are non-negotiable and cannot be changed during negotiations.

Key Requirements are important features that must be delivered, and with agreement could conceivably be improved upon and may be negotiated.

Conditional Requirements are requirements where the Owner may accept different solutions based on input from the Builder.

Subject to change

The Technical Requirement Specification

Basic requirement

Main dimension

Length overall	70.00 m
Max Breadth incl. fenders	16.30 m
Design draught	3.40 m (special req. for Sound of Harris)
Maximum draught	3.85 m
Speed	14.0 knots (calm water 100% MCR)

Class notation

It is a key requirement that the notation shall correspond with Lloyd's Register's as follows:

✠100A1, LA, *IWS, ECO,

✠LMC, UMS, Hybrid Power (+), NAV1, IBS, DP(AA), CAC2

Descriptive Note: Buoy & Light Tender, ShipRight ABN(SQ), ShipRight (MCBM), and key requirement of ShipRight UWN-L(T10), UWN-L(Q5)

Subject to change

Disclaimer

Please note that the information made available at the Industry Day will be shared solely for the purposes of market engagement. The Industry Day does not indicate or imply that NLB will proceed with the vessel replacement project in the manner described or at all, and NLB reserves the right to amend its approach at any time prior to the formal launch of a procurement process.

- NLB reserves the right to amend and/or update its approach at any time before the formal launch of a procurement process.
- NLB has no liability for the accuracy, adequacy, or completeness of any information shared today.
- Attendees are in no way guaranteed consideration for future business or work from NLB, whether in relation to this project or any other.
- NLB will not be liable for costs incurred by any party attending this Industry Day.
- NLB reserves the right to keep a record of any queries and to circulate such queries to interested parties.

