

**NOTES:**

1. THIS VESSEL IS TO BE ENGINEERED AND CONSTRUCTED TO SAFELY CARRY INDIVIDUALS FOR HIRE FOR RESEARCH AND SCIENTIFIC ANALYSIS OF THE MARINE ENVIRONMENT.

2. THIS VESSEL IS TO BE DESIGNED AND CONSTRUCTED FOR CERTIFICATION, LICENSING, AND RESALE IN THE U.S.

3. WINDOW /PORTAL DESIGN SHALL ALLOW FOR CROSS-VENTILATION OF ALL LIVING SPACES, SHALL INCLUDE SCREENING SOLUTIONS, AND SHALL BE USEABLE DURING MILD RAIN EVENTS.

4. THE LAUNCH RAIL SYSTEM SHALL HAVE A CAPACITY OF 8,000 LB SHIFTING LOAD AT FULL EXTENSION.

5. THE LAUNCH RAIL SHALL ALSO HAVE A CAPACITY OF 10,000 LBS IN ITS STOWED POSITION.

6. HARD POINTS FOR A HYDRAULIC "A" FRAME TO HOIST A SUBMERSIBLE OVER THE STERN AND RETURN IT TO ITS CRADLE ON THE LAUNCH RAIL SYSTEM SHALL BE INCLUDED IN THE DESIGN.

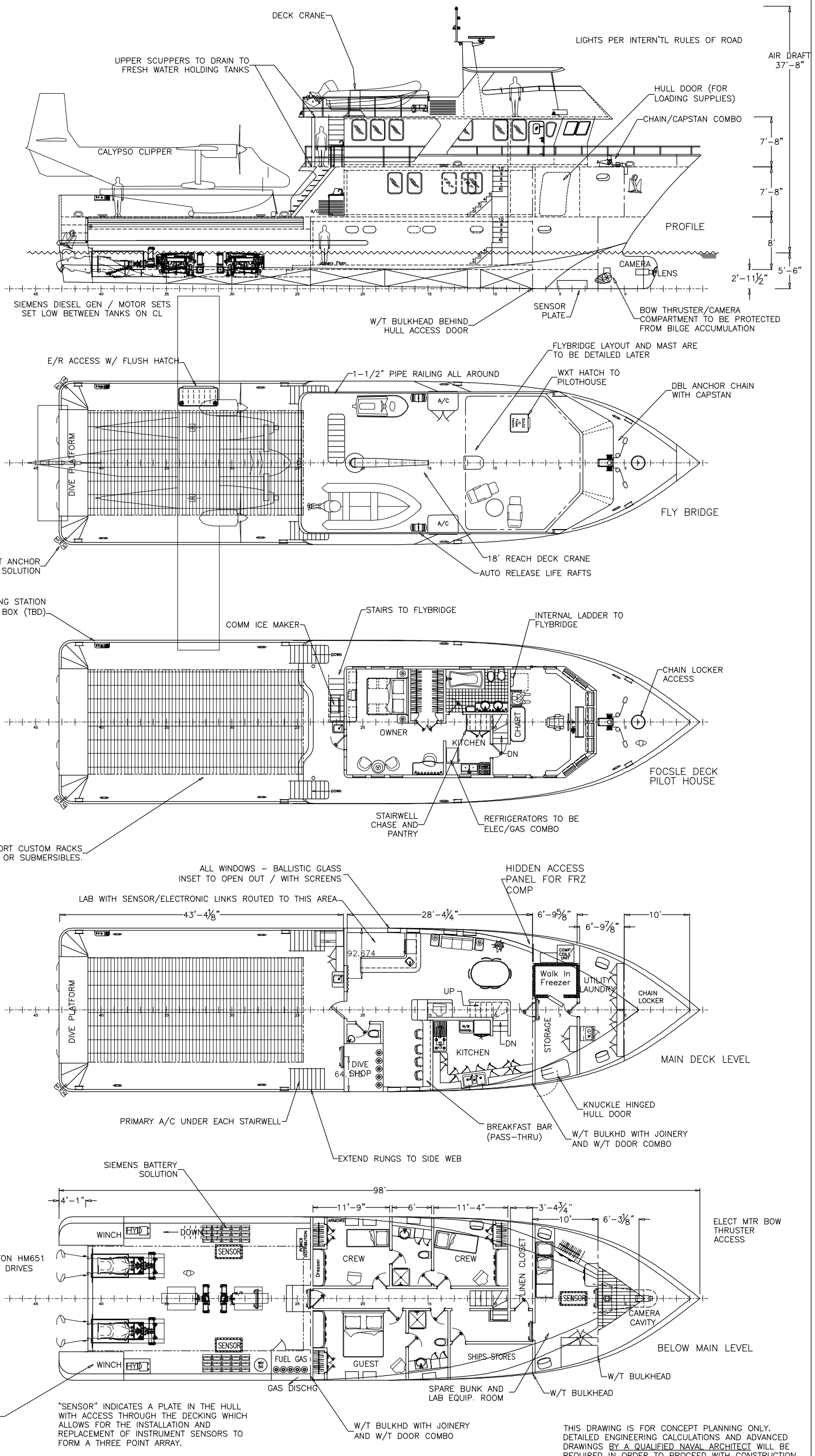
7. THE LAUNCH RAIL SYSTEM SHALL BE ACTIVATED ON DECK AND/OR BY RADIO SIGNAL FROM THE PLANE FOR AUTOMATIC SEQUENCING TO PREPARE FOR LOADING AND UNLOADING.

8. HULL SHAPE, BALLASTING, FINAL DRAFT AND TANKAGE MAY BE DIFFERENTLY ENGINEERED THAN SHOWN. TBD BY NAVAL ENG/ARCH.

9. MOTION SENSING DEVICES AND CAMERAS SHALL BE INSTALLED HIDDEN THROUGHOUT THE VESSEL WITH DISPLAYS IN THE PILOTHOUSE AND OTHER SELECTED LOCATIONS.

10. SOLAR PANELS SHALL BE INSTALLED TO PROVIDE FOR INTERMITTENT OPERATION OF ALL SYSTEMS. CONFIGURATION AND INSTALLATION TBD BASED ON OEM SPECIFICATIONS.

11. SEE ADDITIONAL NOTES ON THIS DRAWING AND ASSOCIATED WHITE PAPERS.



AIRPLANE RAMP CAN SUPPORT CUSTOM RACKS FOR SURFACE BOATS OR SUBMERSIBLES.

W/T COMPARTMENTS FOR ANCHOR WINCH INSTALLATION TO RUN BELOW MAIN DECK

"SENSOR" INDICATES A PLATE IN THE HULL WITH ACCESS THROUGH THE DECKING WHICH ALLOWS FOR THE INSTALLATION AND REPLACEMENT OF INSTRUMENT SENSORS TO FORM A THREE POINT ARRAY.

THIS DRAWING IS FOR CONCEPT PLANNING ONLY. DETAILED ENGINEERING CALCULATIONS AND ADVANCED DRAWINGS BY A QUALIFIED NAVAL ARCHITECT WILL BE REQUIRED IN ORDER TO PROCEED WITH CONSTRUCTION PLANS.

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