

2024.06.11

DESIGN & CONSTRUCTION OF MBARI'S NEW RESEARCH VESSEL *DAVID PACKARD*.



RV DAVID PACKARD.



WHO IS INVOLVED?



OWNER



Glosten

DESIGNER &
OWNER
REPRESENTATIVE



FLAG

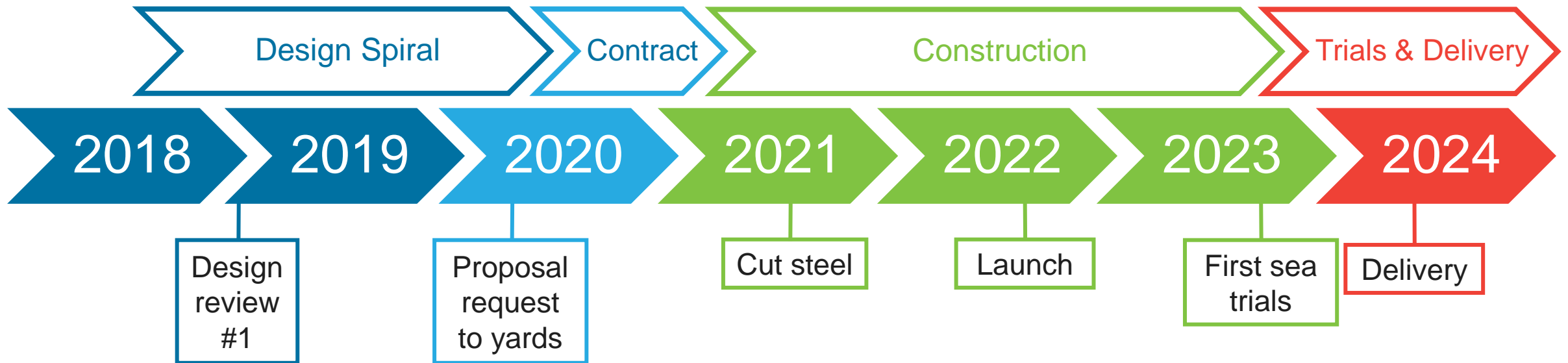


CLASSIFICATION
SOCIETY

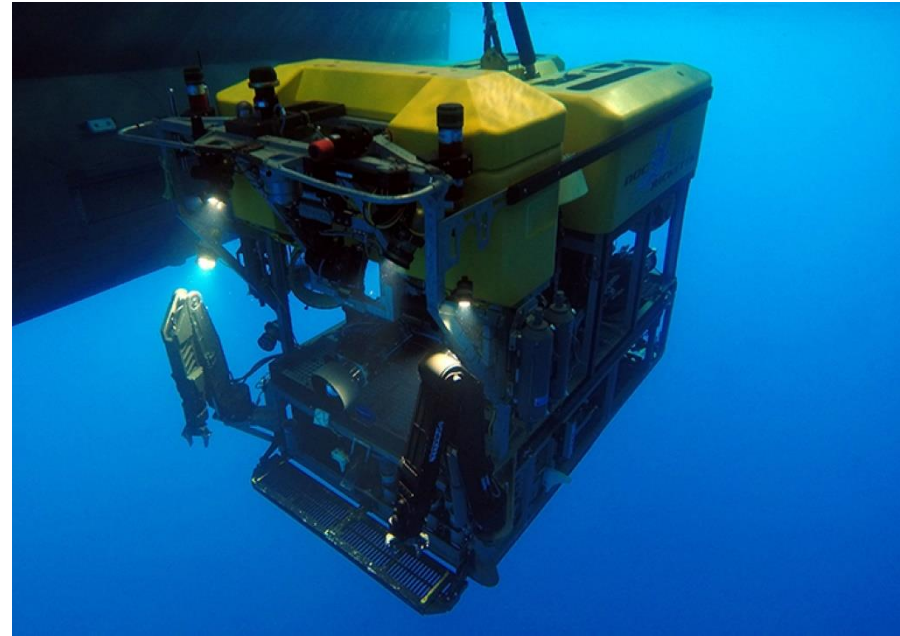


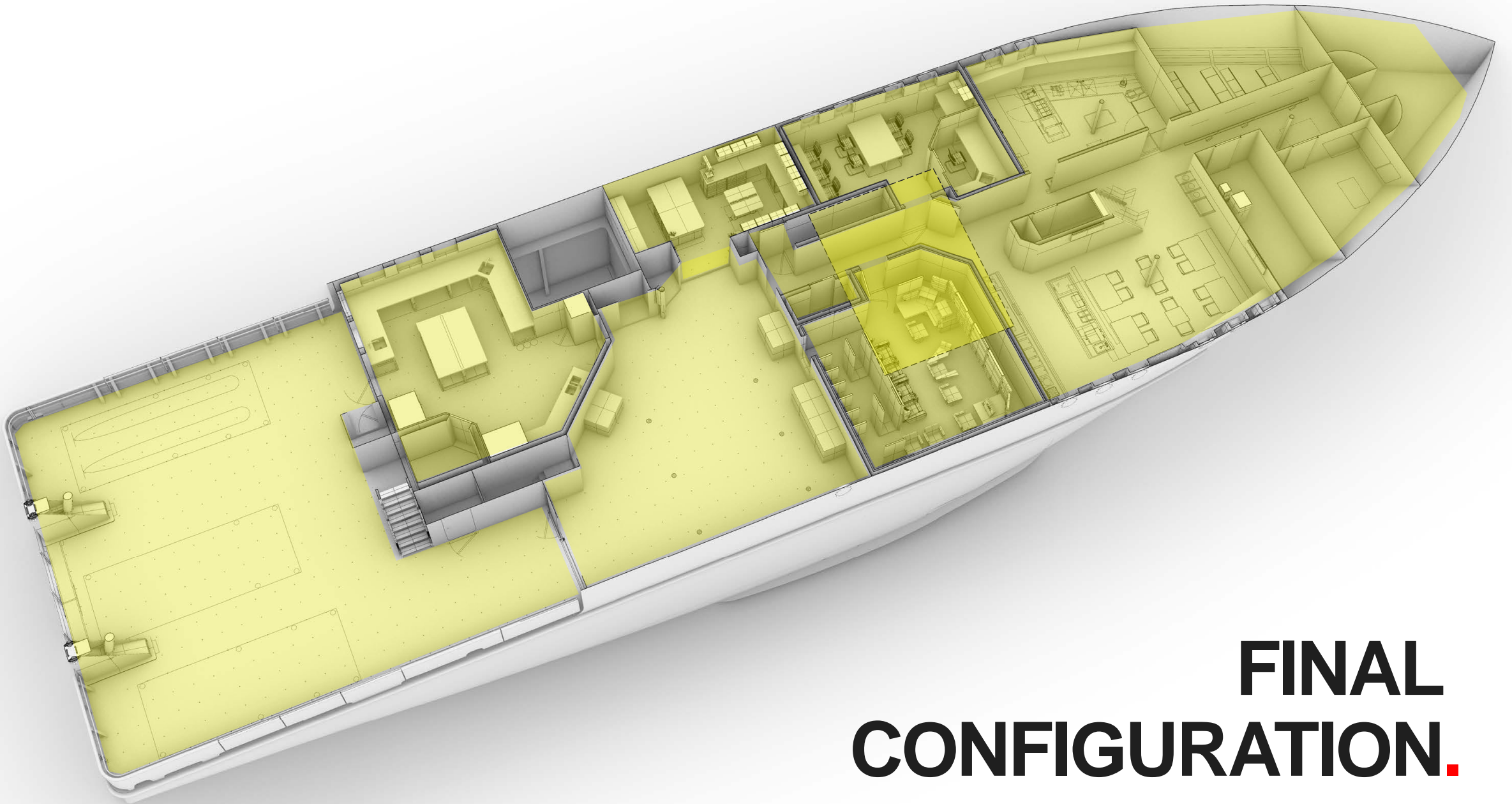
SHIPYARD

HOW TO BUILD A CUSTOM SHIP?



WHAT IS THE FUNCTION?





**FINAL
CONFIGURATION.**



WHERE?

- Freire Shipyard in Vigo, Spain
- Founded in 1895
- Experience with:
 - ✓ DNV, BV, LR
 - ✓ ICES 209, SILENT R, SILENT A, SPS, DP, POLAR CLASS, POLAR CODE, CLEAN DESIGN, CYBERSECURE...





TEAMWORK.

Close, professional and fluent cooperation during:

- ✓ Design appraisal process
- ✓ Decision making process
- ✓ Reporting and progress monitoring

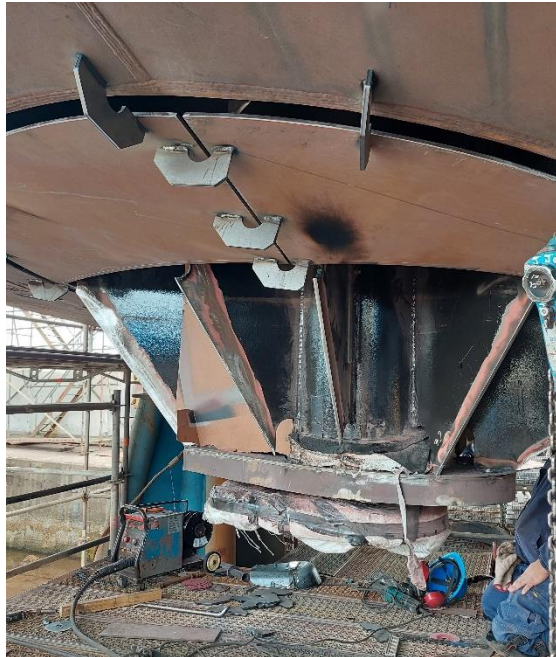


**STEEL PLATE TO
SHIP SHAPE.**

STRUCTURAL & MECHANICAL TRANSFORMATIONS.

PROPULSION

Foundations

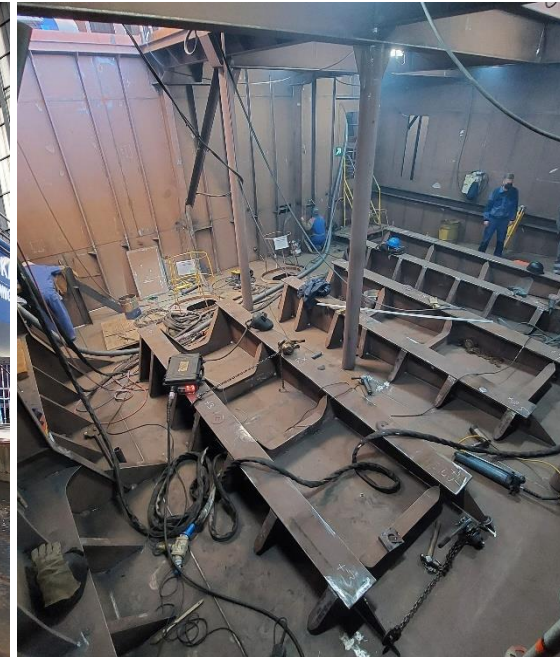


Prior to Launch

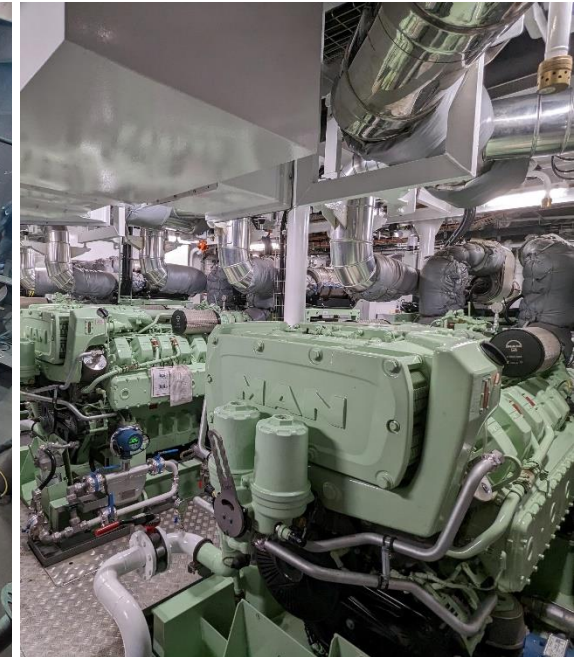


MAIN MACHINERY ROOM

Block Phase



Complete





LAUNCH DAY.

READY, SET, SCIENCE.



ROV LARS

Remote operated vehicle
launch & recovery system



ROV WINCH

Traction winch, levelwind,
& umbilical spool



WET LAB

Hoods, freezers, science SW
(ambient & chilled)

SEA TRIALS.



QUESTIONS.

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