

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

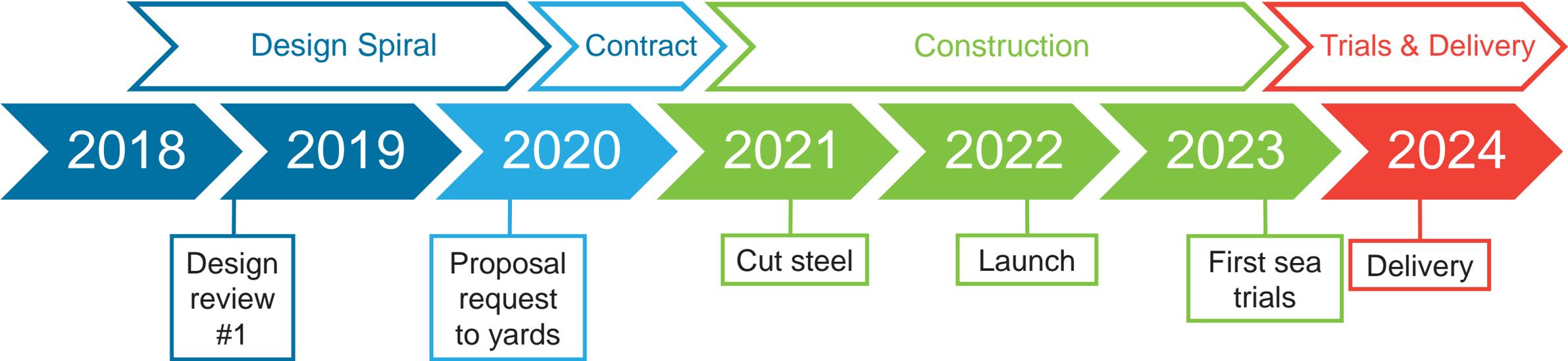


CLASSIFICATION
SOCIETY

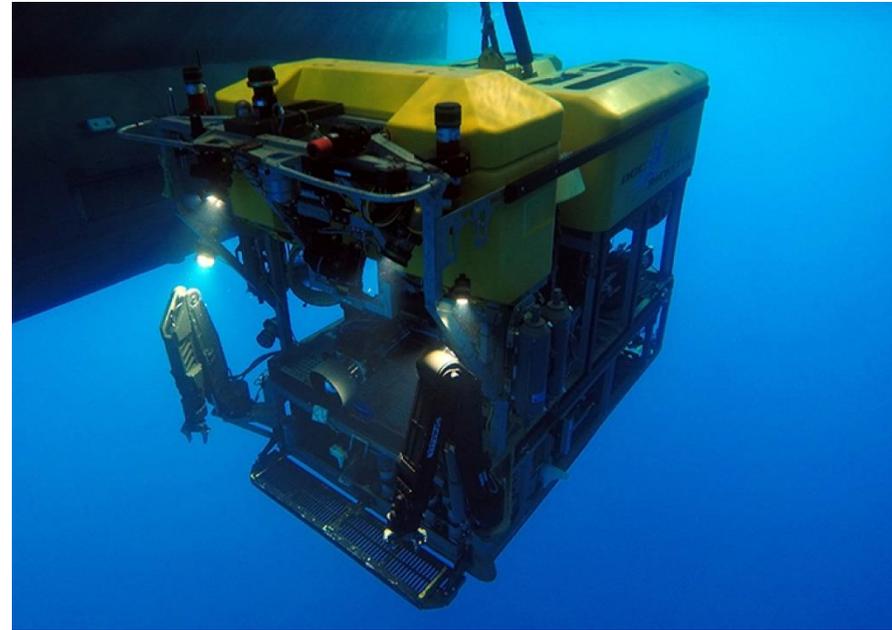
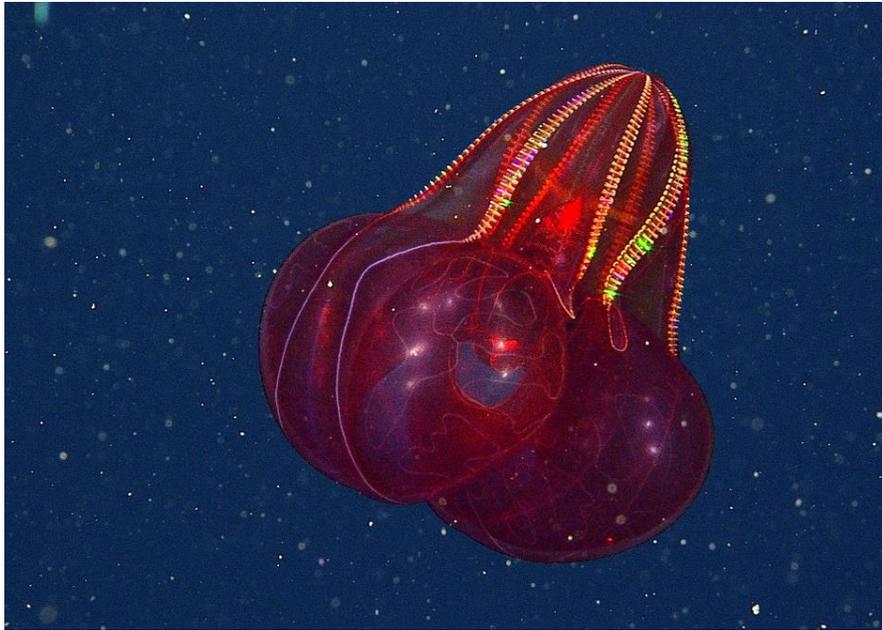


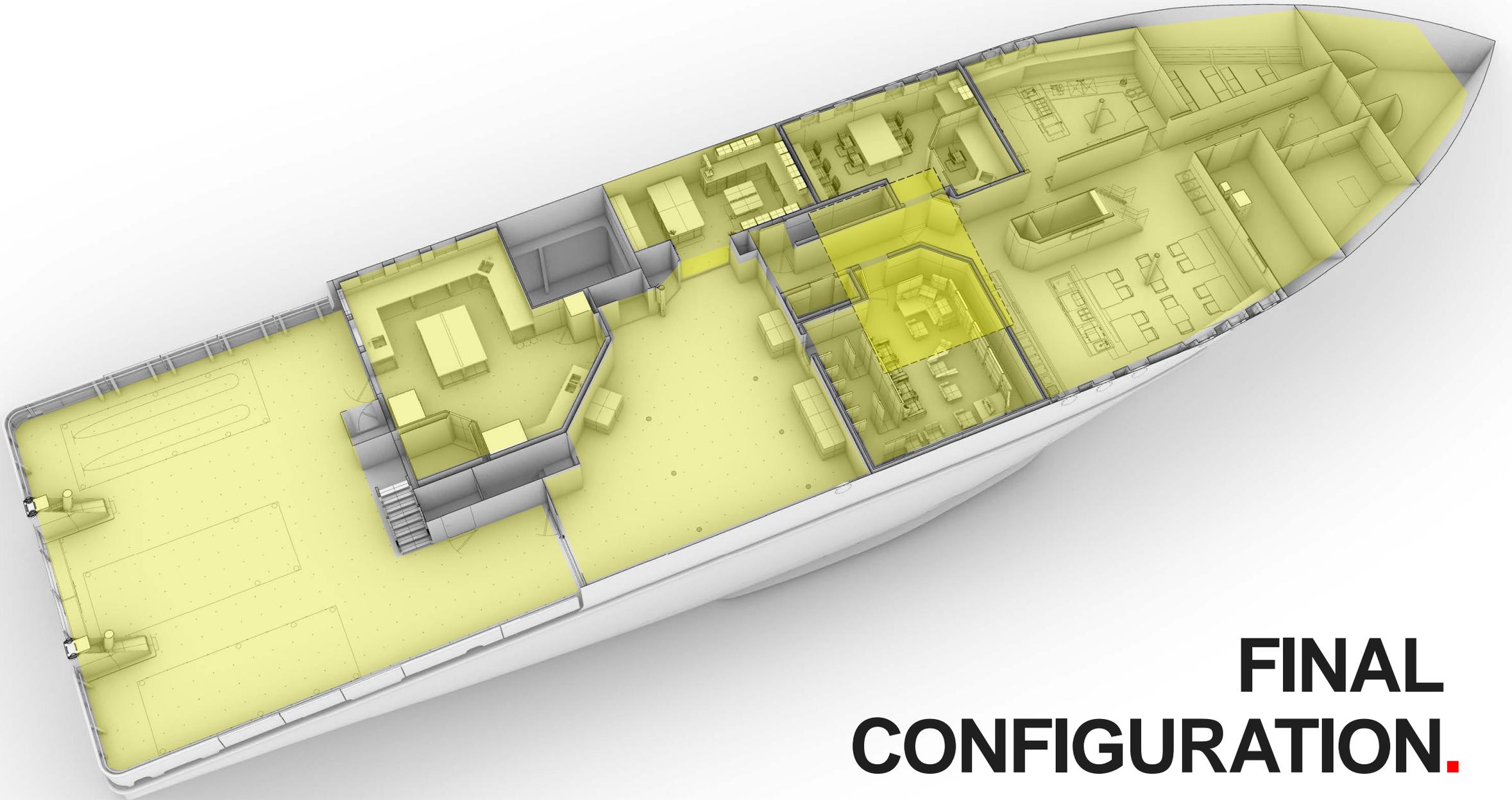
SHIPYARD

HOW TO BUILD A CUSTOM SHIP?



WHAT IS THE FUNCTION?





**FINAL
CONFIGURATION.**



DAVID PACKARD
MOSS LANDING

MBARI

IMO 995234

DAVID PACKARD

15FT
14
27



15FT
14
27

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

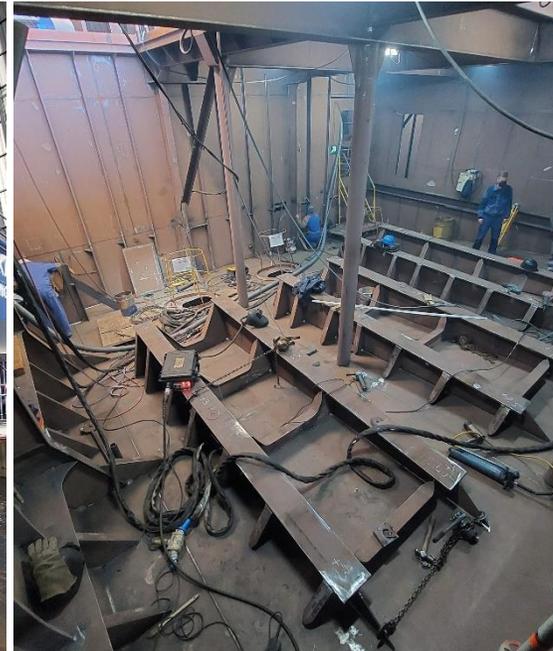


Prior to Launch

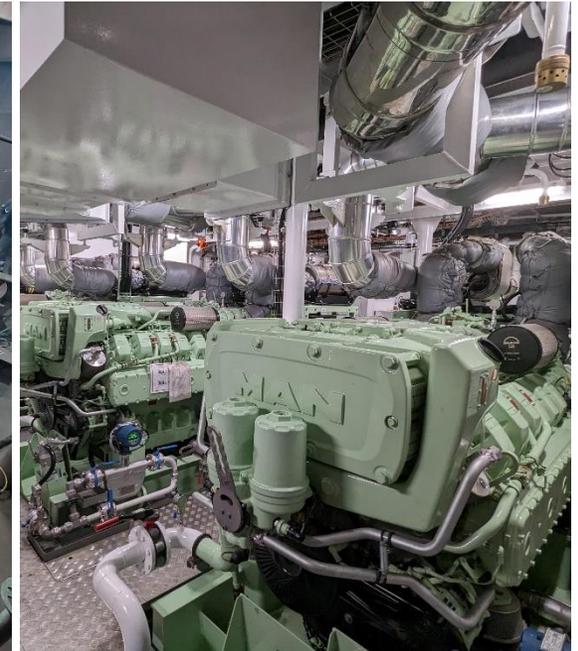


MAIN MACHINERY ROOM

Block Phase



Complete





SANMARTÍN
VIGO

SANMARTÍN
VIGO

ID PACKARD
ROSS LANDING

13FT
12
11

MBARI

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.

Will Moon
Principle Engineer
Glosten
wlm@glosten.com

Isabel Goñi McAteer
Marine Engineer
Glosten
igm@glosten.com

Santiago Sio
Commerical Manager
Freire Shipyard
ssio@freireshipyard.com

