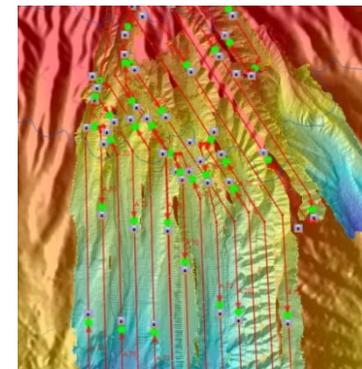
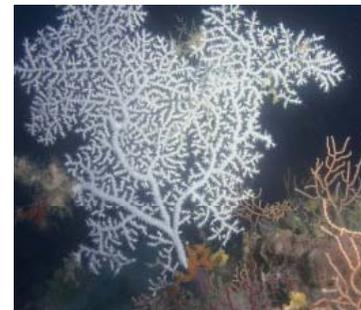
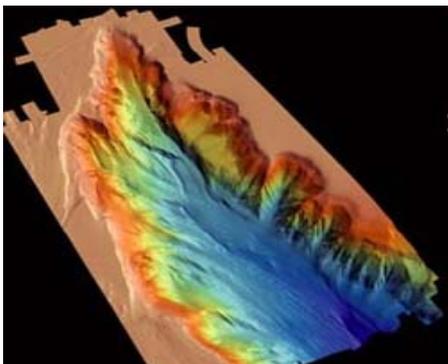


Upgrade R/V Europe

H. Floch, S. Duduyet



R/V l'Europe

- ✓ **A coastal twin-hull built in 1993**
 - ✓ Length : 29,60 m
 - ✓ Width : 10,60 m
 - ✓ Crew : 8 people
 - ✓ Scientists : 8 people
- ✓ **Need a major modernization in 2014**

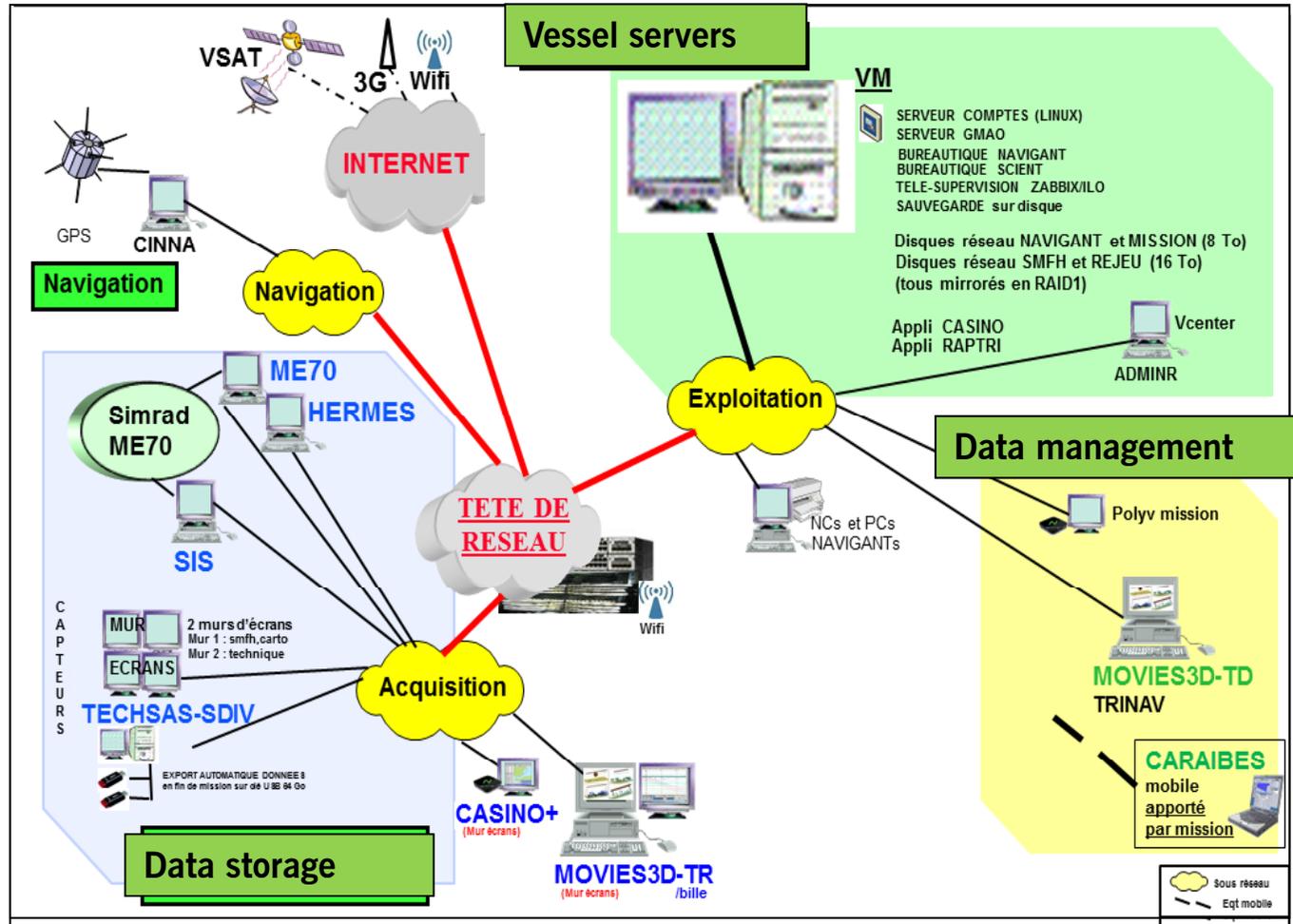


Refit of R/V I'Europe

- ✓ **Equipment upgrade**
 - Fishery MBES ME 70
 - Fishery SBES
 - USBL positioning system
 - Mobile equipment : ADCP, EM2040
 - New MRU
 - Scientific instruments
- ✓ **Complete refit of IT network infrastructure**
- ✓ **New Telecommunication capabilities**



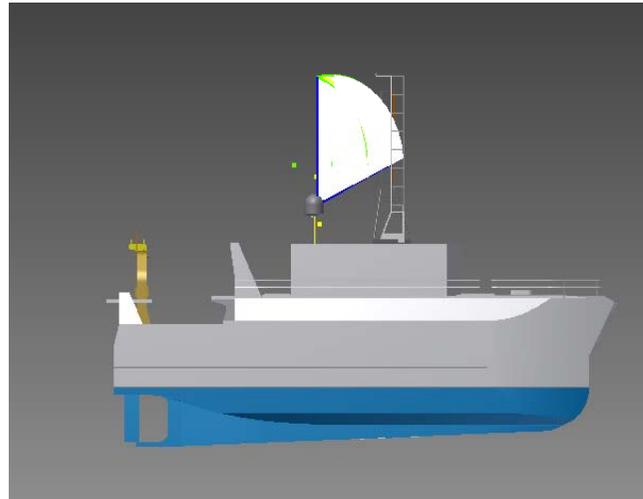
IT Network



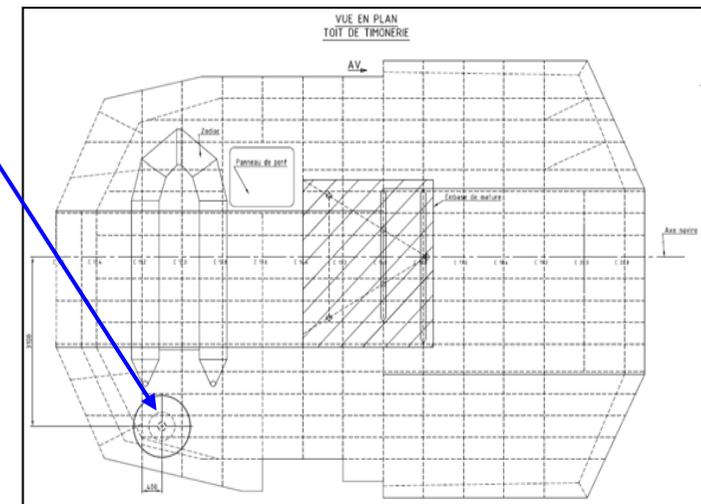
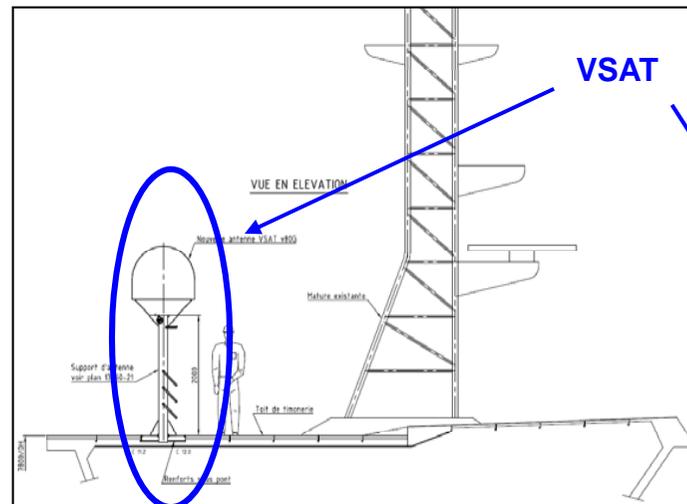
Telepresence



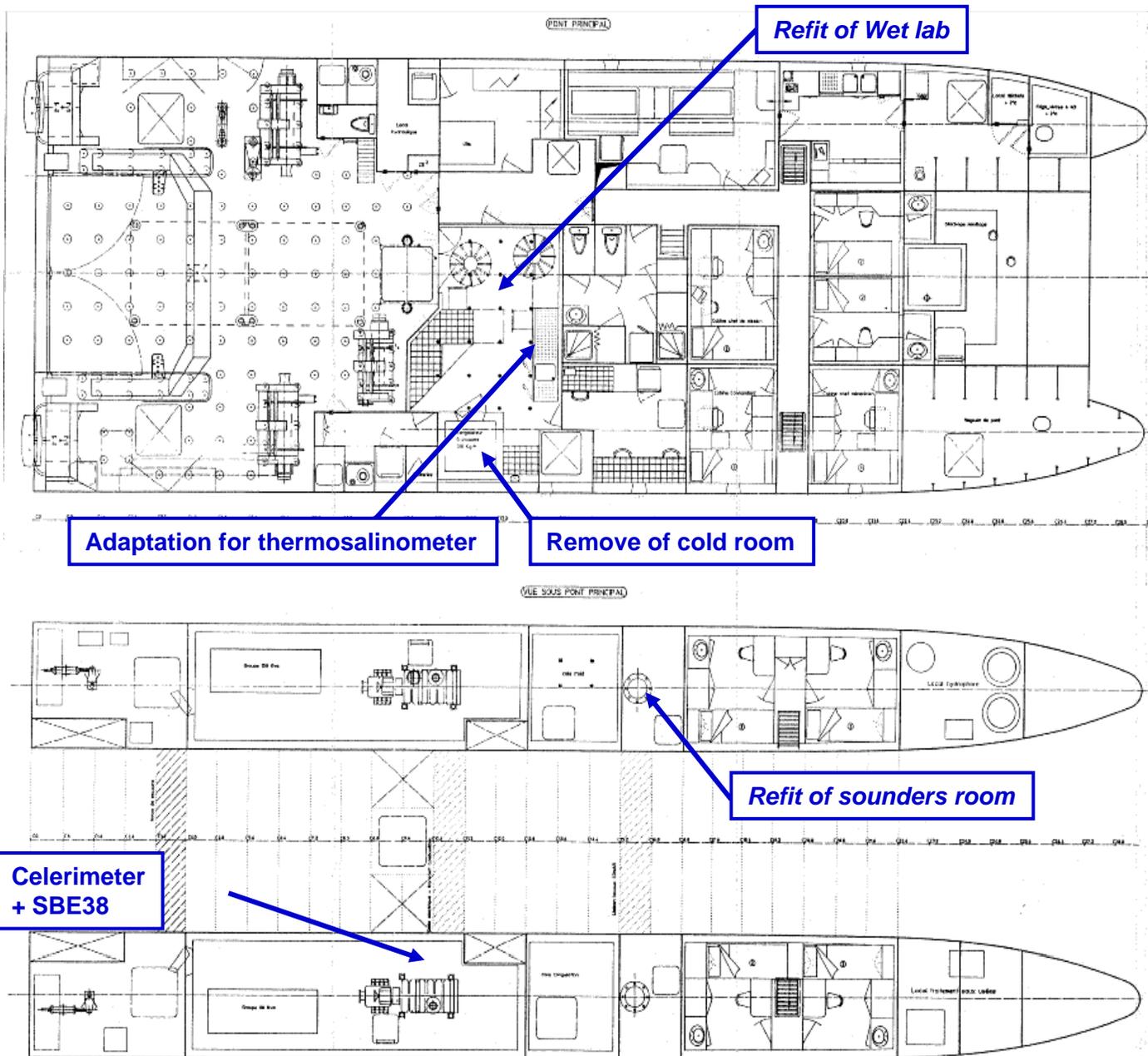
Antenna Sailor-900
Ø 1.13m, H 1.21m



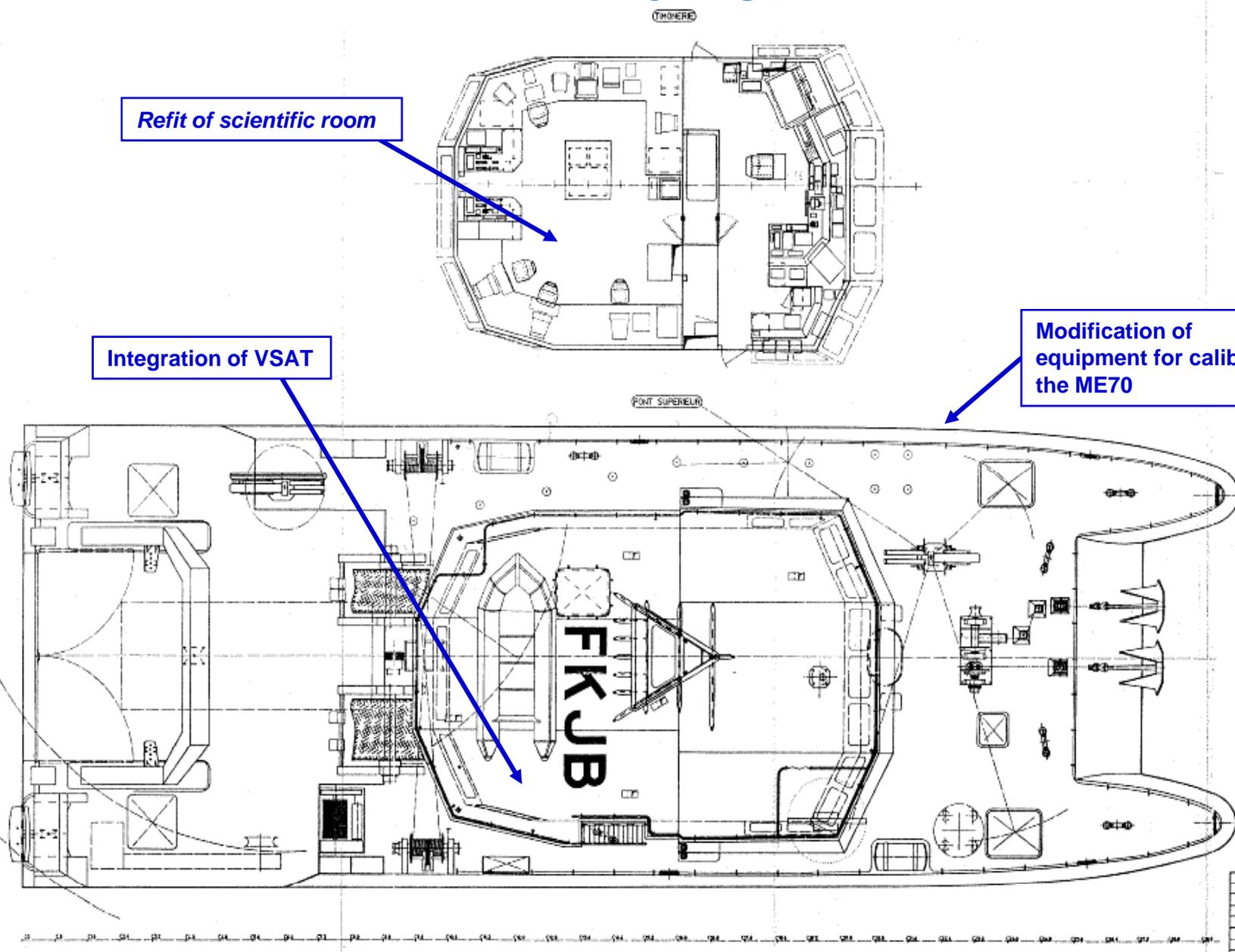
- ✓ Supervision of systems
- ✓ Telemaintenance from land



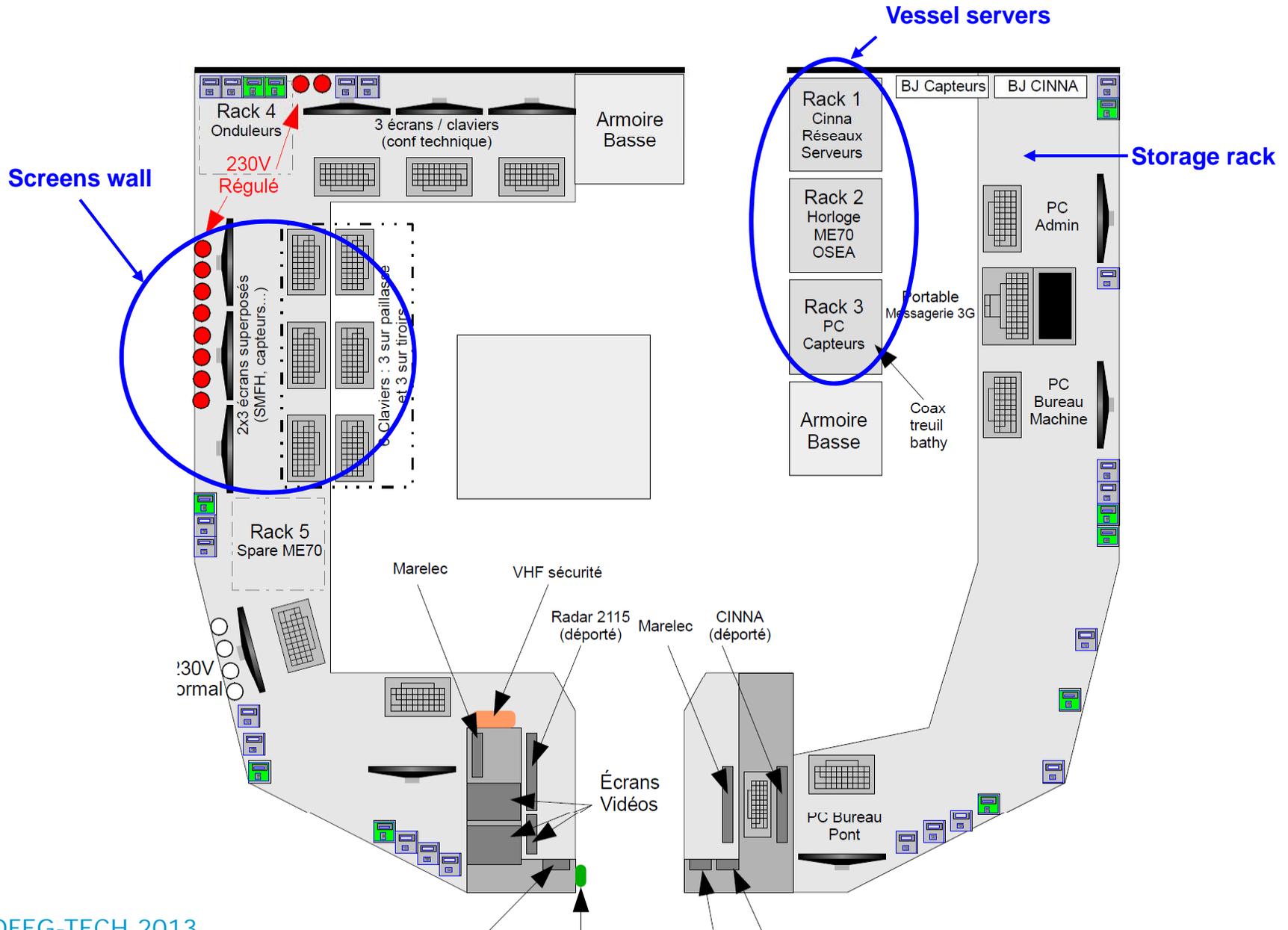
Works



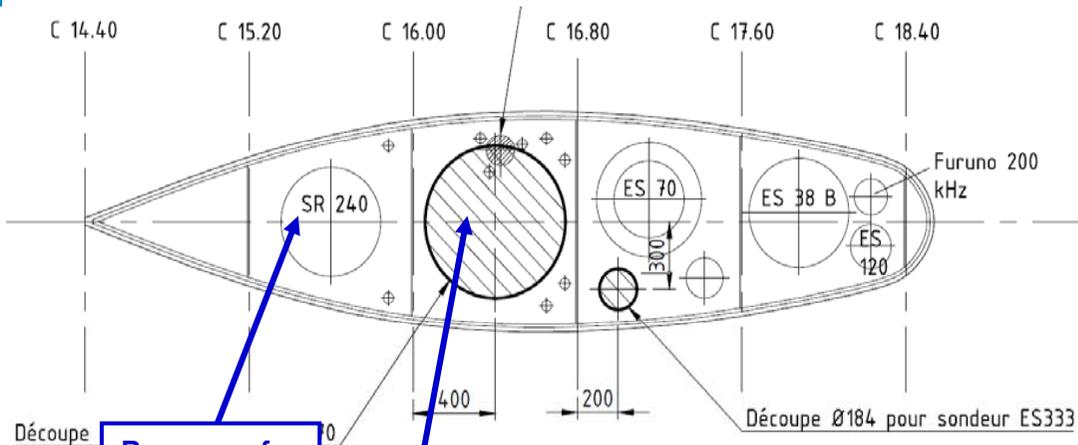
Works



Scientific space



Transducers works



Remove of sonar SR240

ME70

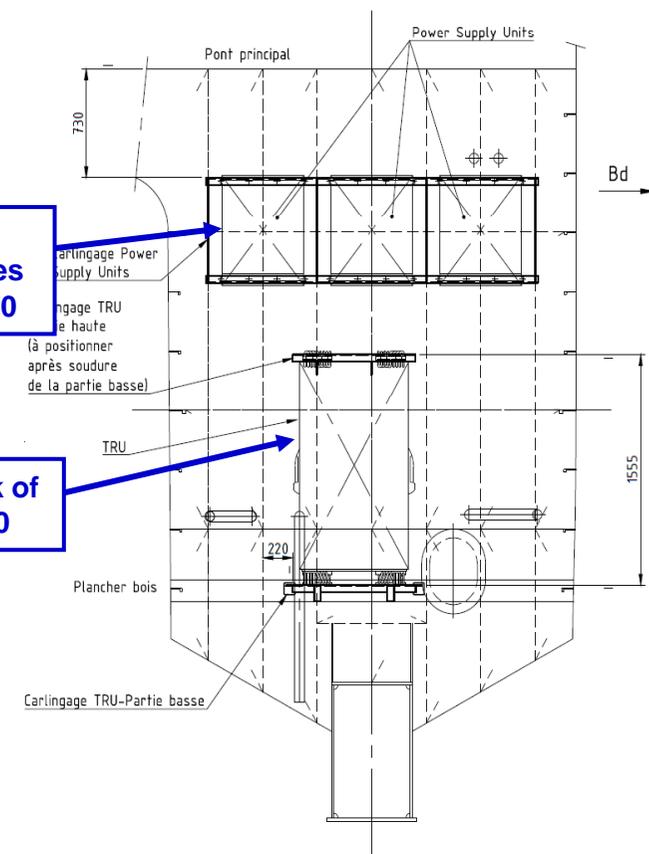


Sounders room

VUE TRANSVERSALE COQUE BABORD
Couple 15.2-Vue de l'avant

Power supplies of ME70

Rack of ME70

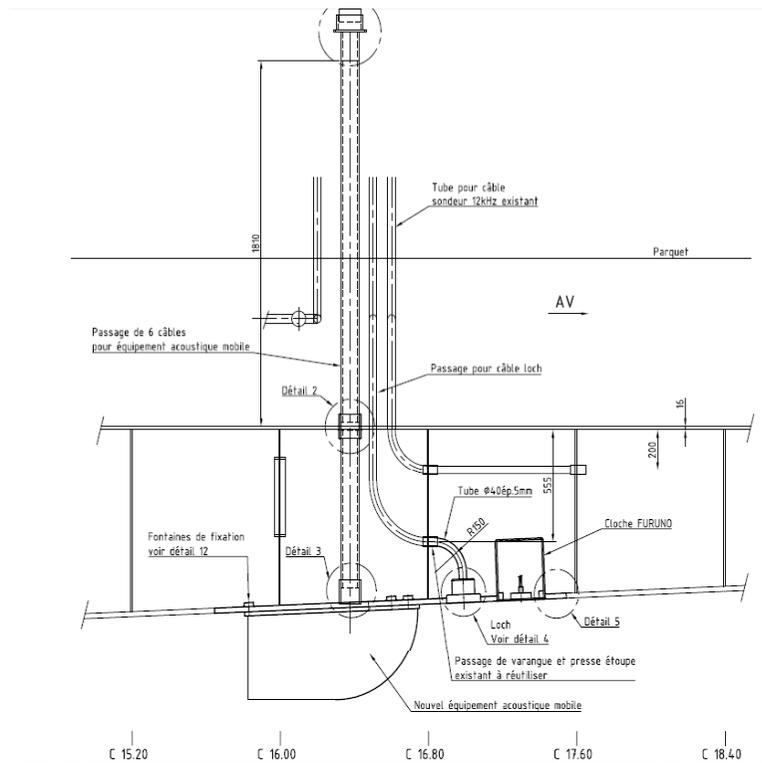


Mobile equipment



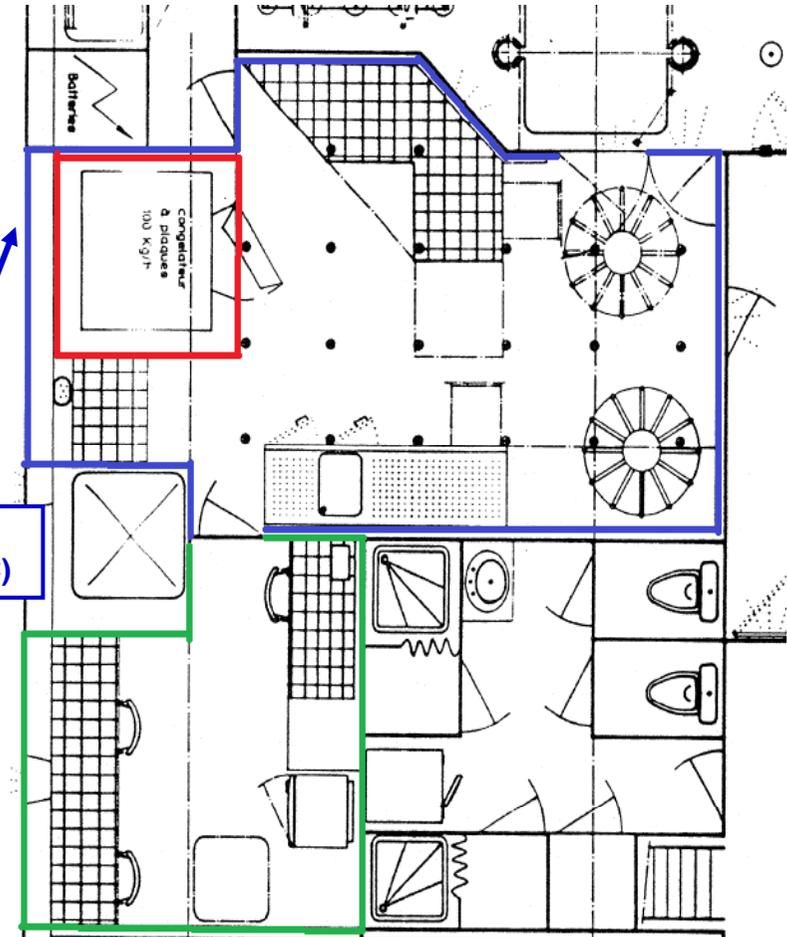
EM2040

<i>Missions</i>	<i>Mobile Equipement</i>
AUV et HROV	GAPS, MATS, hydrophone
Fisheries	ADCP
Geosciences	EM2040
Physics	ADCP + pinger 12kHz.



GAPS, MATS

Wet lab



Remove of cold room (-80 °C)

Planning

