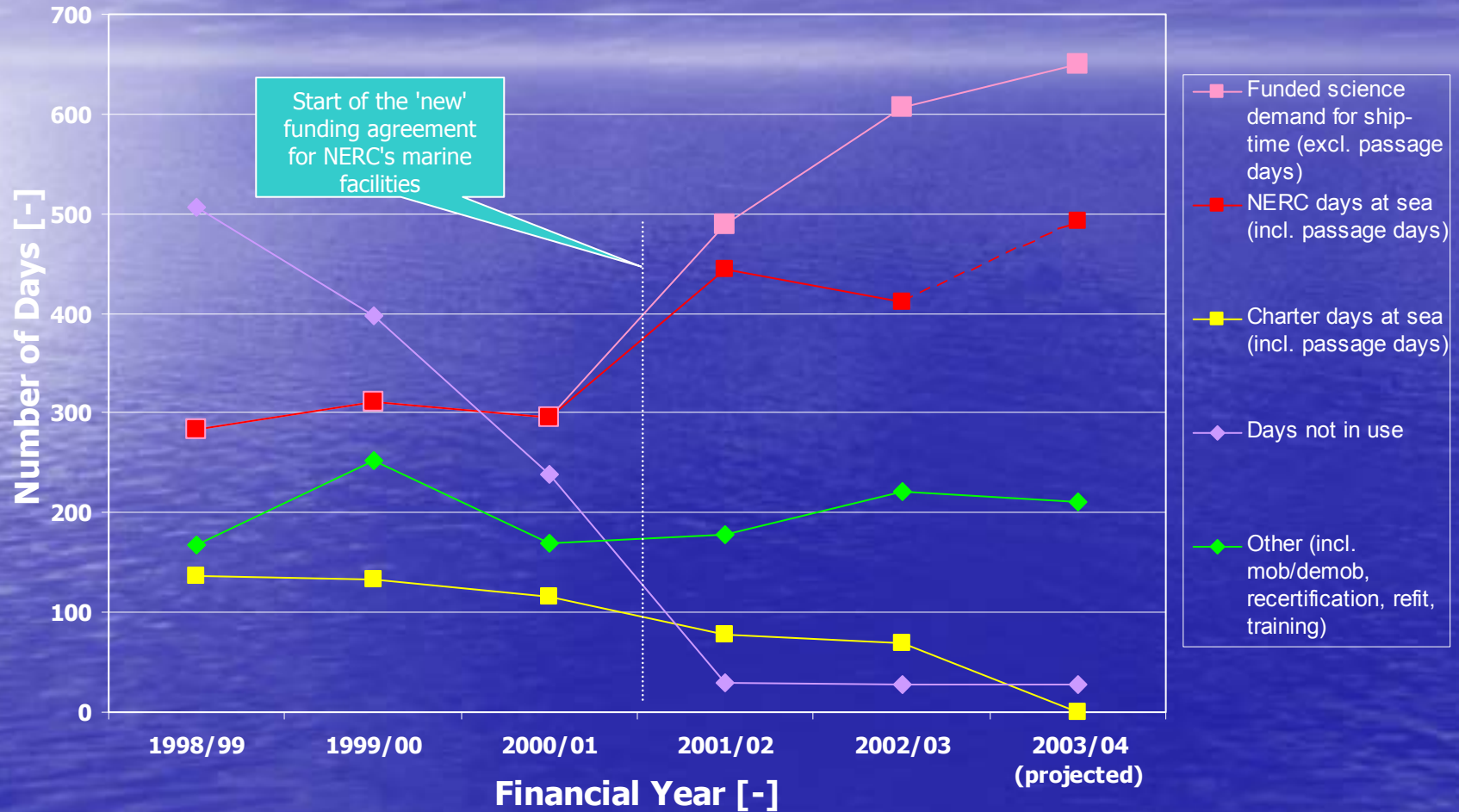


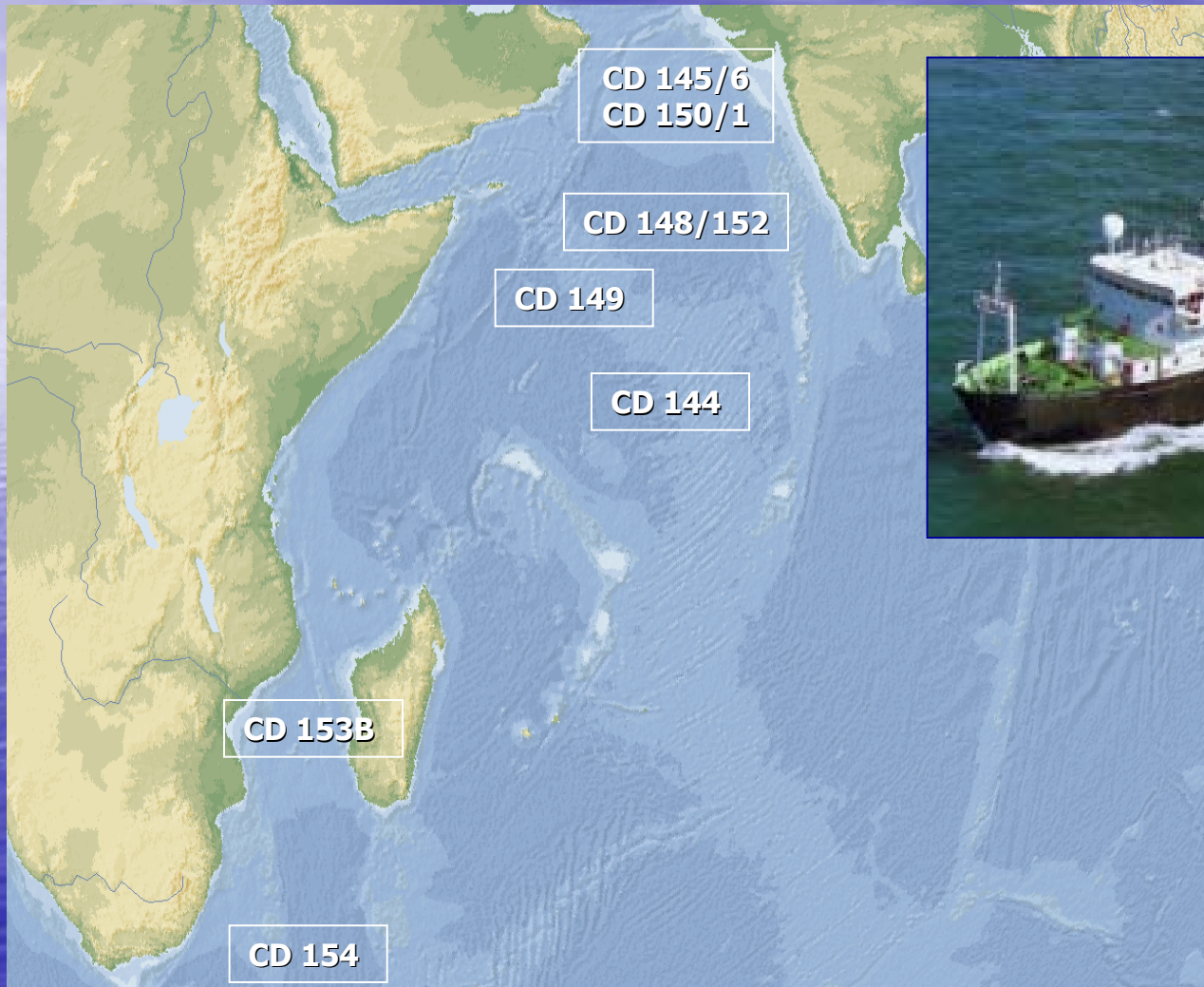
*Natural Environment Research  
Council (NERC)*

Geraint West  
Head, UK Ocean Research Services

# RSU Ship Utilisation



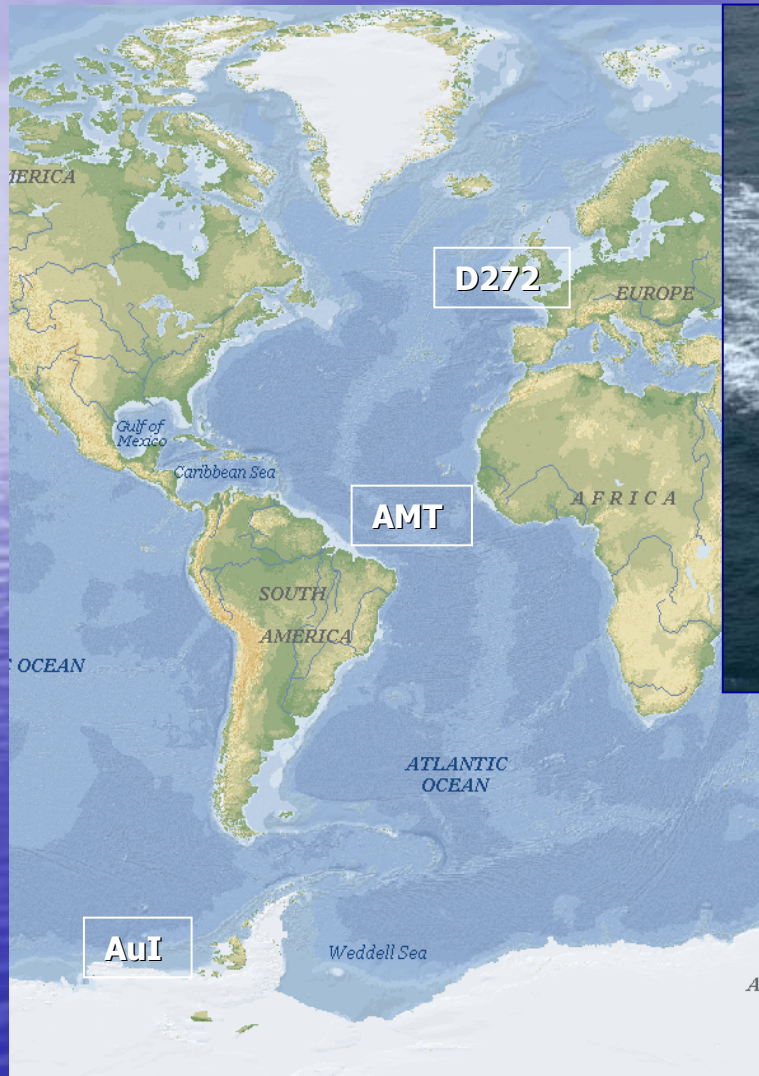
# *RRS Charles Darwin*



# *RRS Discovery*

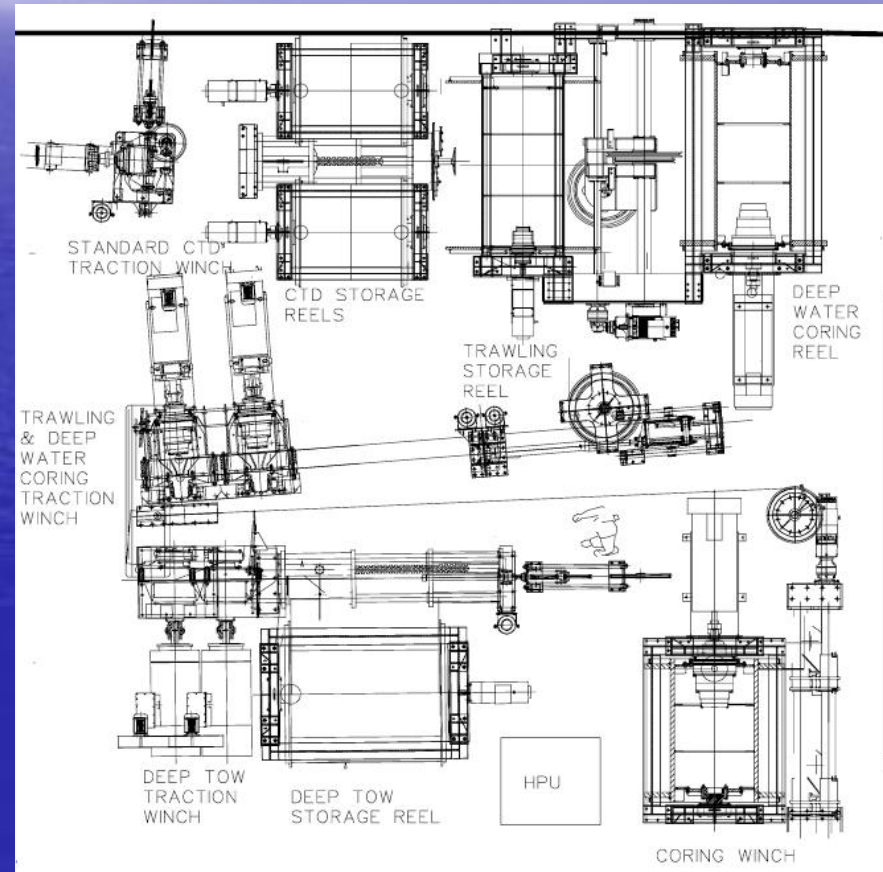


# *RRS James Clark Ross*



# RRS Discovery Winch Suite

	PURPOSE	CHARACTERISTICS
FIXED	Coring	7000m Steel wire.
	Trawling	15000m Tapered steel wire
	Deep Tow	10000m Armoured
	Deep Coring	Electro/Optical
CONTAINERISED	Standard CTD	8000m Synthetic.
		8000m Steel wire (2 off).
	Hydrographic	8000m Steel wire
	Deep CTD	8000m Synthetic
		Electro/Optical



# ***New National Facilities***

Uplift of infrastructure funding to make facilities available through the NMEP from Apr 2004:

- ISIS ROV.
- Autosub



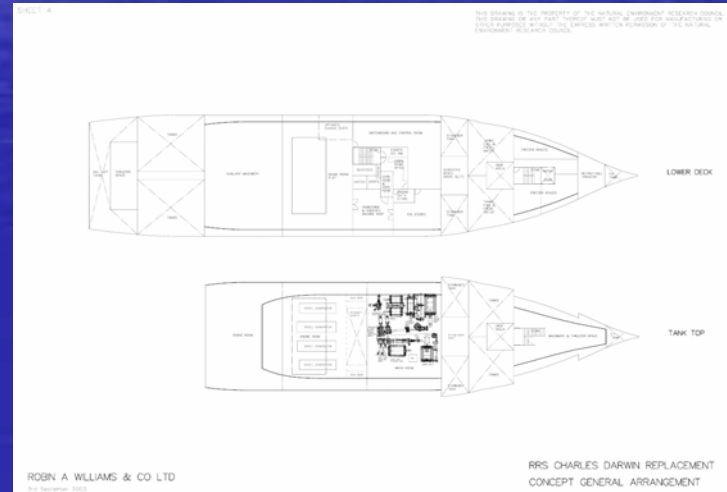
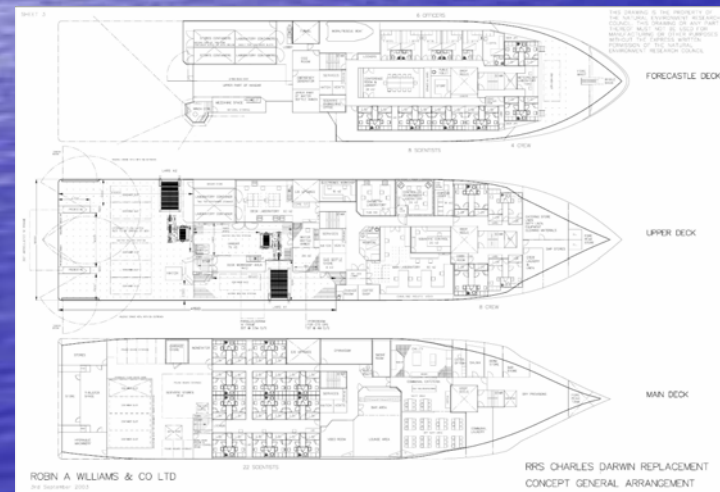
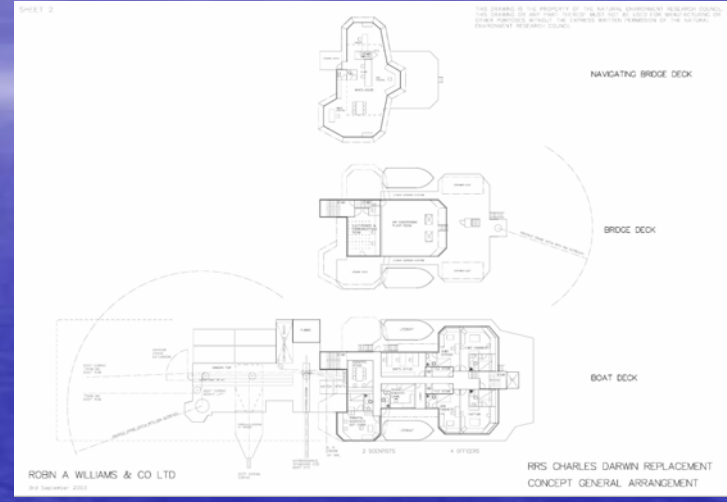
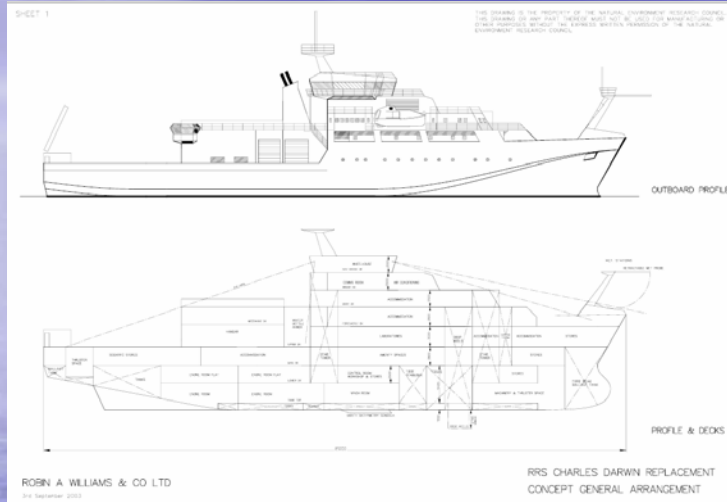
# *Darwin Replacement*

- Statement of Requirements nearing completion – final stage before tender
- Total funding available: ca £37M:
- In service 2006





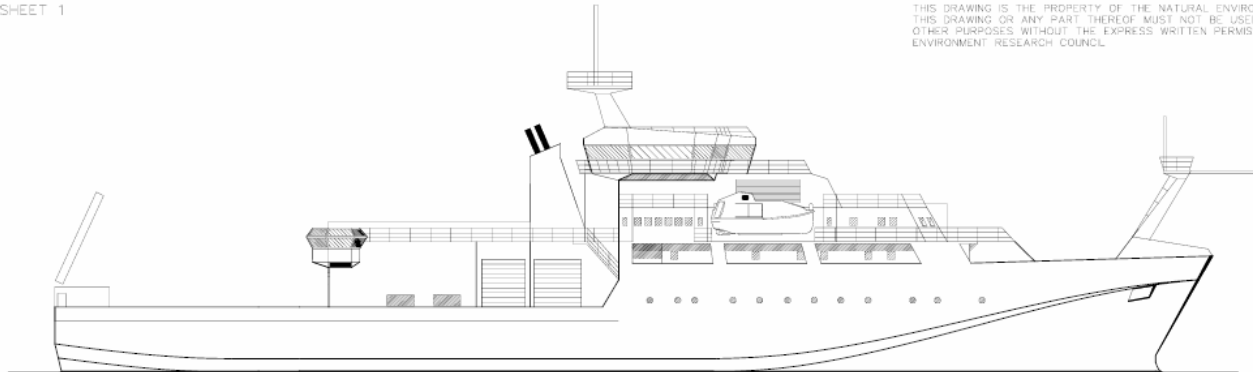
# Darwin Replacement



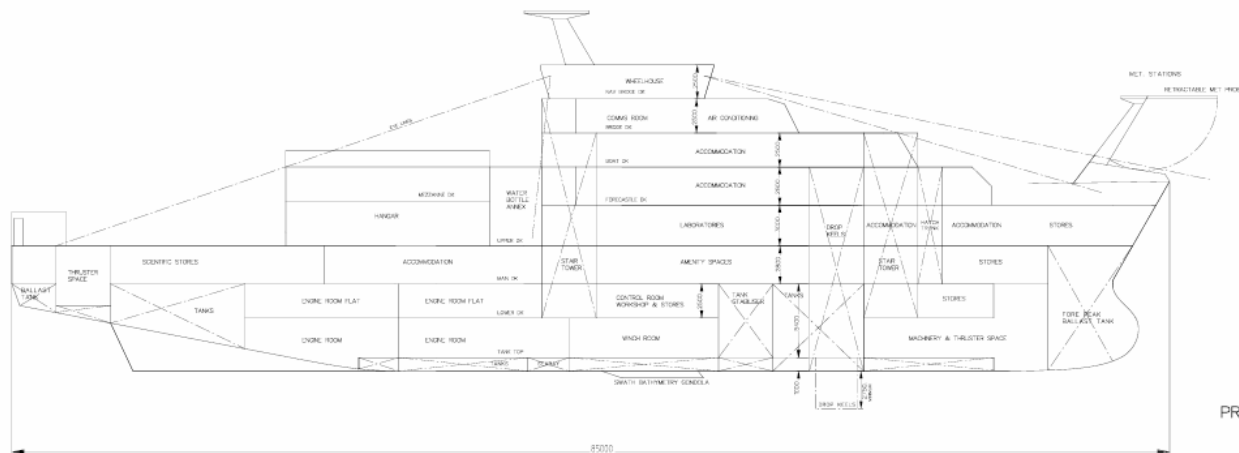
# Darwin Replacement

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OUTBOARD PROFILE



PROFILE & DECKS

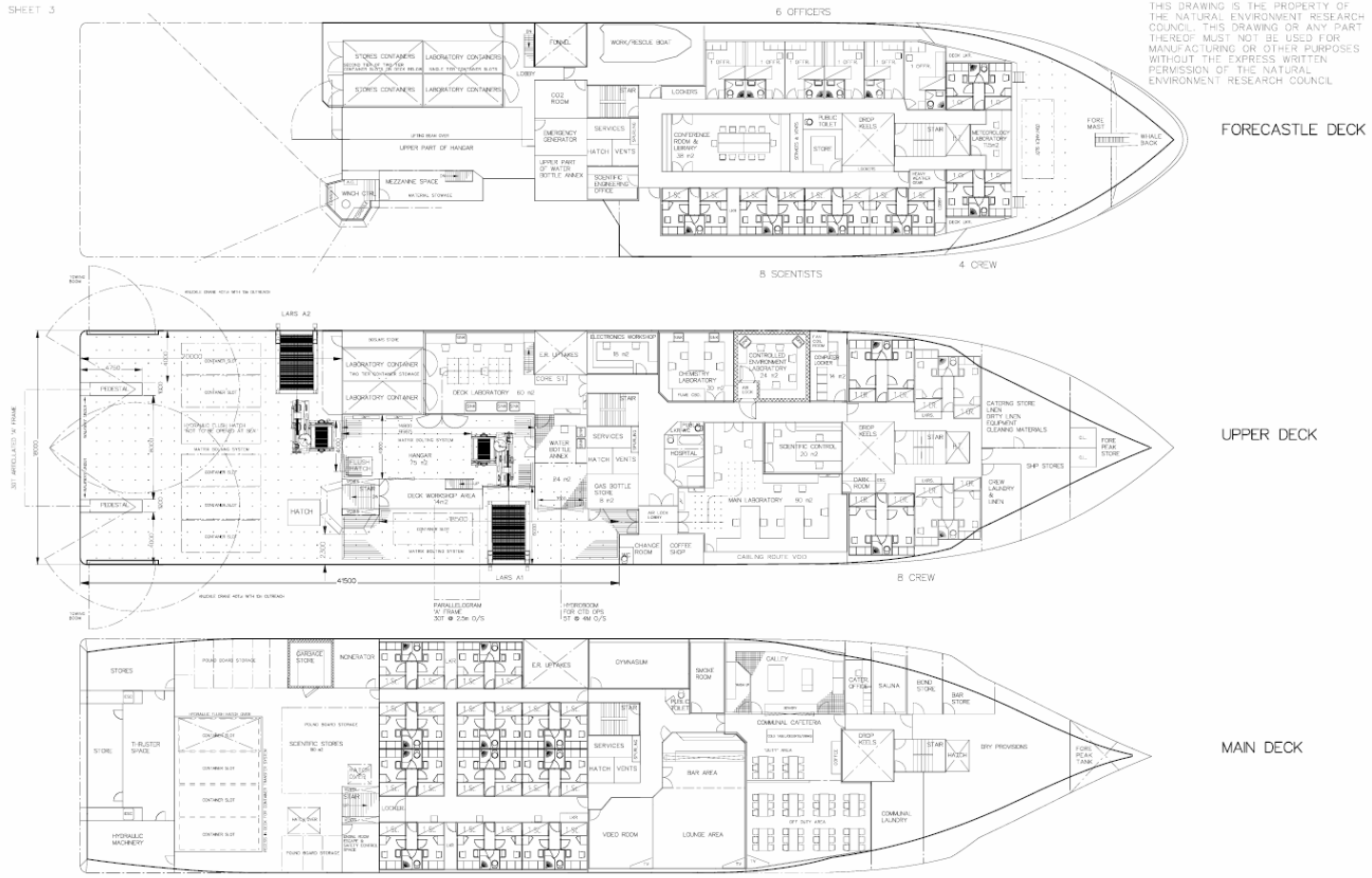
ROBIN A WILLIAMS & CO LTD

3rd September 2003

RRS CHARLES DARWIN REPLACEMENT  
CONCEPT GENERAL ARRANGEMENT

# Darwin Replacement

SHEET 3



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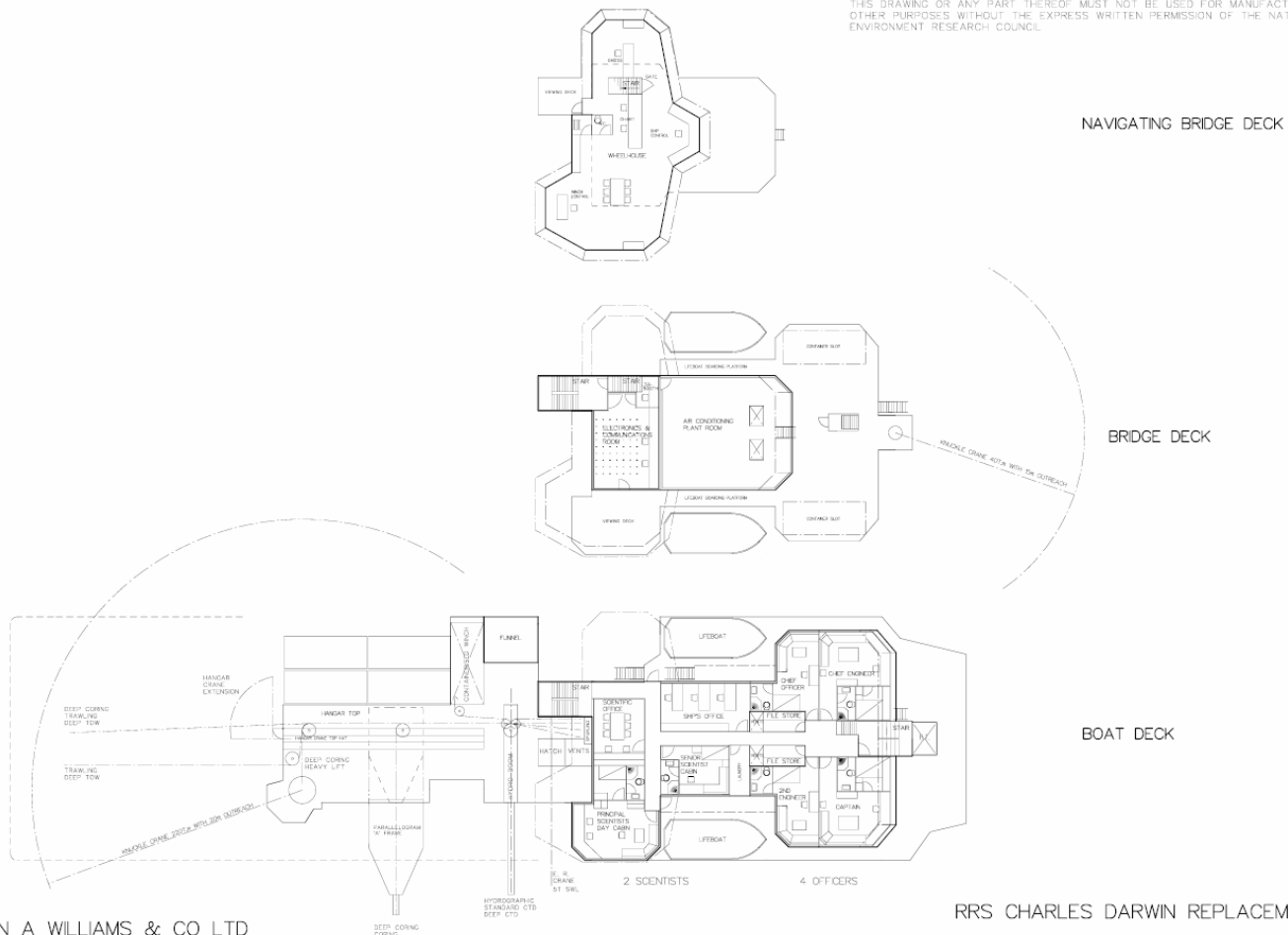
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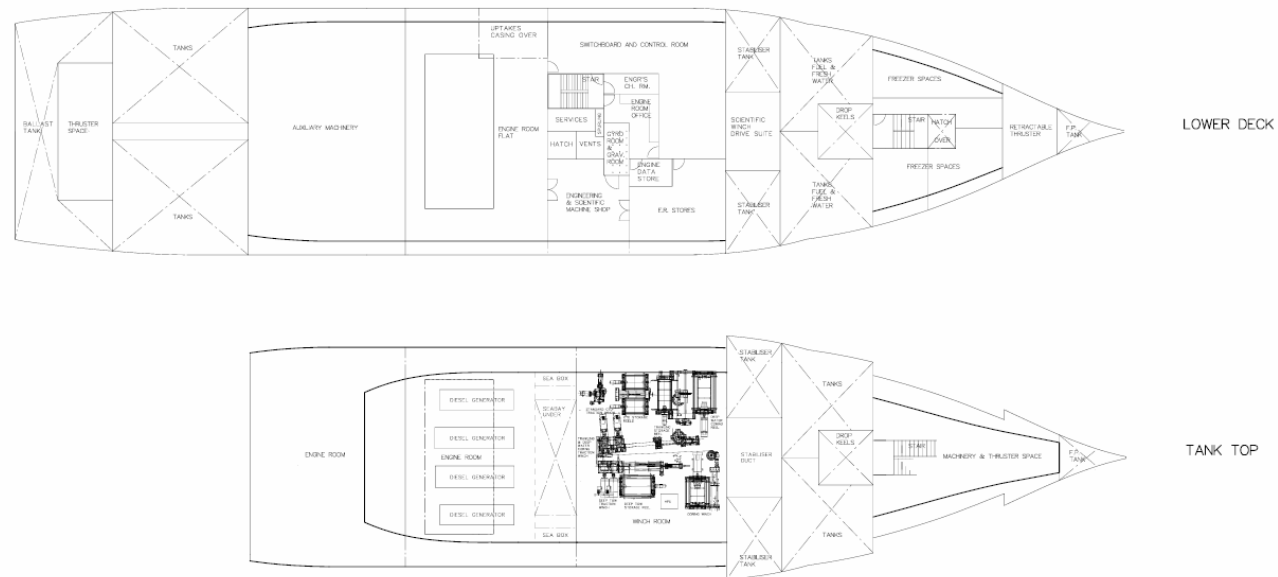
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# Projected 2004 programme

Currently anticipate:

- *RRS Discovery*
  - N. Atlantic until autumn, transit via AMT to Crozet Plateau
- *RRS Charles Darwin*
  - Return to Europe for refit e., then N. Atlantic
- *RRS James Clark Ross*
  - Transit via AMT north from Antarctic; summer around Greenland and Svalbard

