RRS JAMES COOK

MLBM6

hipbuilder

Flekkefjord Slipp & Maskinfabrikk AS, Norway A new multi-role oceanographic vessel delivered to NERC 31st August 2006

0 = 2 = 2 =

LETTINO DELL

Designer Skipsteknisk AS, Norway

17 October 2006 – INMARTECH



Science Drivers

Existing remit of NERC in Ocean and Earth Science

International Programmes

Global Change

Origins of Life

What lives in the oceans?

Oceans 2025 Research Themes

NATURAL ENVIRONMENT RESEARCH COUNCIL

Requirements – to satisfy research community

Ability to work in high(er) seastates

More scientists for collaborative programmes

Dynamic Positioning – ROV enabling (for example)





A-Frames & Booms				
Stern 'A' Frame	Capacity – 30 tonnes	_		
	Max. Height – 8m		RES	EARCH COUNCIL
		a • •		
Starboard 'A' Frame	Capacity – 30 tonnes			
	Max. Height – 5m		Ja	
			M	
Starboard Hydro boom	Capacity – 5 Tonnes			
	Max. Height – 4.5m			
		GSTORE THE		
Hangar crane	25 tonnes		1000	
	JAMES COON		Cranes:	Hydraulic Knuckle
	D. T			
			Fore deck	40 tonnes.m
-			Midship	
			Midship/aft	250 tonnes.m
			Aft Port	40 tonnes.m
			Aft Starboard	40 tonnes.m











DEEP TOW ELECTRO OPTICAL CABLE

0.68" or ~17.3 mm









MIDSHIP OFFSHORE KNUCKLE JIB CRANE





RRS JAMES COOK – Progress with the hull construction







4th November 2005 Stocznia Gdanska, Poland RRS James Cook Hull Launch















Results from noise-reduced ships









Deck Lab. looking forward



Scientific Control Area looking aft into Main Lab.



Main Lab looking aft.

Water Sampling Laboratory





Conference Room



Generator Room



Wheelhouse Starboard looking to Port

Wheelhouse Console



Aft Deck





4 off 663/442 m3/hr FAD

















Servery



Communal Mess



Lounge





http://www.nerc.ac.uk/funding/marineplan/jcp_intro.asp

cdrp@noc.soton.ac.uk or ebc@noc.soton.ac.uk

A Nice Day