

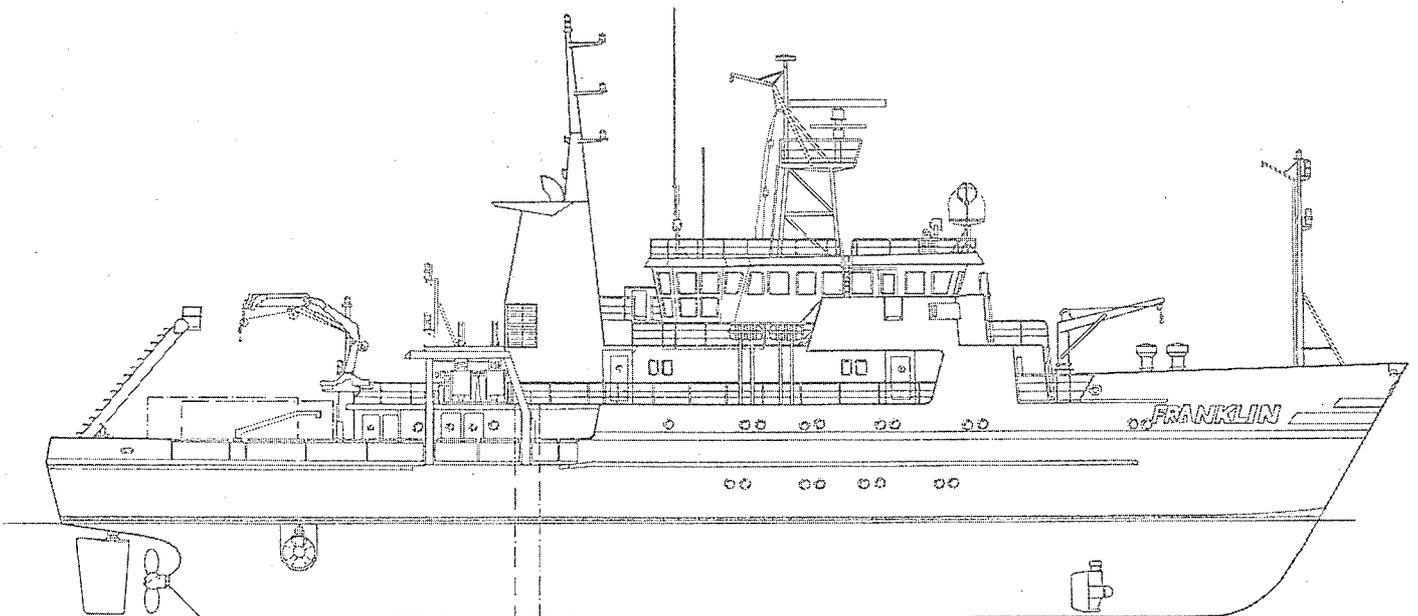
R.V. FRANKLIN

NATIONAL FACILITY
OCEANOGRAPHIC RESEARCH VESSEL

CRUISE PLAN

R.V. 'FRANKLIN'

FR 6A/86



For further information contact
ORV Operations Manager
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R.V. FRANKLIN IS OWNED AND OPERATED BY CSIRO

TJM/NP

7 July 1986

CRUISE PLAN
R.V. 'FRANKLIN'
FR 6A/86

ITINERARY

Depart Hobart:	1000 hrs	Tuesday 12 August 1986
Arrive Louisville:	1000 hrs	Friday 15 August 1986
Depart Louisville:	1100 hrs	Friday 15 August 1986
Arrive Hobart:	1600 hrs	Sunday 17 August 1986

SCIENTIFIC PROGRAM

Testing of Bunyip, towed-body system

PRINCIPAL INVESTIGATORS

Dr Trevor J. McDougall
CSIRO, Division of Oceanography
GPO Box 1538
HOBART TASMANIA 7001
Telephone: (002) 206 222

CRUISE OBJECTIVES

To test the Bunyip towed-body system. This will involve use (for the first time) of the large Bunyip winch, handling of the plastic, Fathom-faired cable, development of safe deployment procedures, deployment and recovery of Sea-Soar vehicle over the A-frame and experience with flying Bunyip in a sawtooth pattern behind the ship at a speed of up to 8 knots.

CRUISE TRACK

As this is a testing cruise, the specific geographical area is unimportant. We will steam directly to deep water (> 2000 m depth) before deploying Bunyip. After 2 days we will put in at Triabunna to pickup the Quantum film crew.

O.R.V. EQUIPMENT REQUIRED

1. Bunyip winch, cable, fairing and Sea-Soar vehicle

EQUIPMENT PROVIDED BY USERS

1. Extensive electronic test gear

PERSONNEL

Trevor McDougall - (Chief Scientist)
Alex Papij - (Electronics)
Lindsay Pender - (Bunyip software)
Ian Helmond - (Bunyip mechanical)
Stuart Swan - (Electronics)
Mike Meerding - (Electronics)
Leigh Carter - (Bunyip draftsman) (Hobart - Louisville only)
David Kube - (Workshop)
Terry Byrne - (Workshop)
Allan Poole - (ORV electronics)
Carl Nilsson
Quantum film crew 1 (Louisville - Hobart only)
Quantum film crew 2 (Louisville - Hobart only)

This Cruise Plan is in accordance with the directions of the National Facility Steering Committee for the oceanographic research vessel RV 'FRANKLIN'.



A.D. McEwan
CSIRO Division of Oceanography



D.H. Green
National Facility Steering Committee