

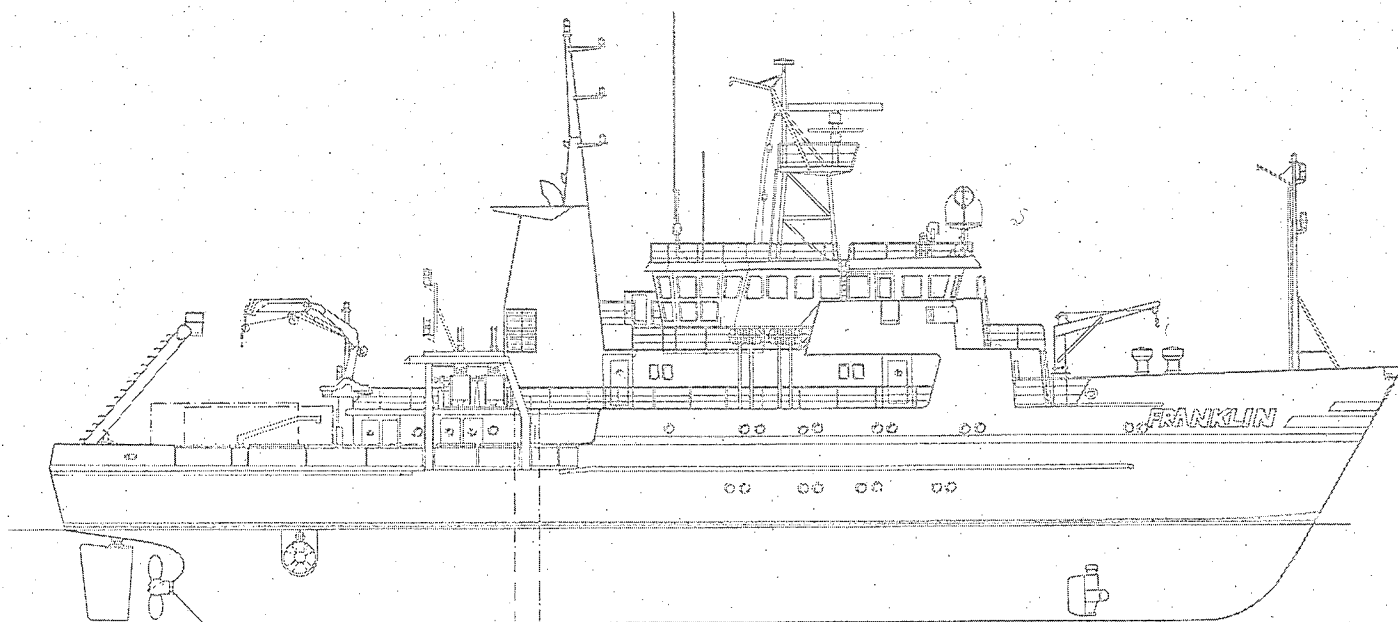
# R.V. FRANKLIN

NATIONAL FACILITY  
OCEANOGRAPHIC RESEARCH VESSEL

CRUISE PLAN

R.V. 'FRANKLIN'

FR 5/87



For further information contact

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R.V. FRANKLIN IS OWNED AND OPERATED BY CSIRO

RJE/NP

15 December 1986

**CRUISE PLAN**  
**R.V. 'FRANKLIN'**  
**FR 5/87**

**ITINERARY**

Depart Port Hedland:	1200 hrs	Monday	30 March 1987
Arrive Fremantle:	1600 hrs	Monday	20 April 1987

**SCIENTIFIC PROGRAM**

1. Investigation of sedimentary evidence for recent upwelling
2. Heat flow over Exmouth Plateau
3. Leeuwin Current formation

**PRINCIPAL INVESTIGATORS**

1. Dr R. Morris  
Institute of Oceanographic Sciences  
Wormley, Surrey  
ENGLAND U.K.
2. Dr J. Tipper  
Department of Geology  
Australian National University  
CANBERRA ACT 2600
3. Dr G. Meyers  
CSIRO Division of Oceanography  
GPO Box 1538  
HOBART TAS 7001

## CRUISE OBJECTIVES

- PROGRAM 1: To collect large volume, undisturbed near surface sediments together with a number of cores.
- PROGRAM 2: To collect heat flow measurements and associated cores.
- PROGRAM 3: To obtain XBT and CTD profiles on an opportunity basis.

## CRUISE TRACK

See attached chart

## O.R.V. EQUIPMENT REQUIRED

1. All winches
2. Scientific sounder
3. Pinger
4. GPS Navigation
5. Biological container
6. XBTs
7. CTD

## EQUIPMENT PROVIDED BY USERS

Kaston corer  
Piston corer  
Heat flow probe

## PERSONNEL

Dr R.J. Morris (Chief Scientist)	I.O.S., U.K.
Dr D.J. Webb	" "
Mr M.J. McCartney	" "
Mr M.P. Dearnaley	" "
Dr J.C. Tipper	Australian National University
Mr M. Swift	" " "
Ms J. Stewart	" " "
Mr R. Edwards (Cruise Manager)	CSIRO Division of Oceanography
Mr E. Madsen	" " " "
Mr D. Terhell	" " " "

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

