

**CRUISE SUMMARY : MESOPAC (Charcot)
IFREMER**

<http://www.ifremer.fr/sismer/program/seasearch/htql/campagnea.htql?CRNO=87001511>

Ref : FI351987001511

Ship : JEAN CHARCOT

Start : 30/04/1987

Port of Departure :HONIARA

End : 18/05/1987

Port of Return :MARSHALL I

Sea/Ocean :

PACIFIC OCEAN - (PACIFIQUE OUEST EQUATORIAL)

Limits :

North : N 15 00	South : S 10 00	West : E 159 00	East : E 174 00
------------------------	------------------------	------------------------	------------------------

Objectives :

Reconnaissance de la croute oceanique jurassique et des accumulations volcanogeniques d'age cretace du pacifique.

Scientific Authority:

- EQUIPE INTEC, COM
Centre d'Océanologie de Marseille
Case 901
13288 MARSEILLE CEDEX 9
tél : +33(0)4 91 82 96 50 fax : +33(0)4 91 26 66 38

Ship Fitting-out Authority : IFREMER

Chief Scientist(S) :

- LANCELOT Yves (email : lancelot@com.univ-mrs.fr)

Participating Bodies

EOPGS et PARIS VI (INSU), UNIVERSITE (RHODE ISLAND, NORTHWESTERN, TEXAS -USA-)

Discipline(s) :

- GEOSCIENCES

Code	Name	Nb.	Responsible
G27	Gravity measurements	.	LANCELOT Yves
G28	Magnetic measurements	.	LANCELOT Yves
G74	Multi-beam echosounding SEABEAM	.	LANCELOT Yves
G75	Single channel seismic reflection Sondage 3,5 kHz	.	LANCELOT Yves
G76	Multichannel seismic reflection 24 traces numeriques (EOPGS)	.	LANCELOT Yves

Summary of Measurements :

- Sismique multitraces : chaine acquisition EOPGS SERCEL SN 338, 24 traces numeriques (64300 tirs) - pas de tir = 50m - pas d'echant = 4ms - temps d'ecoute = 6sec - nbech = 1500 - 3215km
- Magnetometrie
- Gravimetrie
- Sondage 3,5 kHz
- Bathymetrie Sea Beam

Positioning System :

Système : Geodesique WORLD GEODETIC SYSTEM 1972 = WGS72

Système de positionnement : SATELLITE + GPS

Data archived at SISMER :

- Data collected underway :
 - BANK OF GEOPHYSICAL DATA - FORMAT MGD77 (IFREMER)
 - FRENCH NATIONAL ARCHIVE OF UNDERWAY MARINE GRAVITY DATA
 - FRENCH NATIONAL ARCHIVE OF UNDERWAY MARINE MAGNETIC DATA
 - GRAVITY HISTORICAL DATA FROM THE FORMER BNDO
 - HISTORICAL VERTICAL BATHYMETRY FROM THE FORMER BNDO
 - MAGNETICS HISTORICAL DATA FROM THE FORMER BNDO
 - NATIONAL BANK OF BATHYMETRY : MULTIBEAM ECHO-SOUNDINGS
 - NATIONAL BANK OF BATHYMETRY : SINGLE-BEAM ECHOSOUNDING
 - NAVIGATION IFREMER (BNDO)
 - PROCESSED NAVIGATION DATA OF IFREMER AND IPEV R. V. CRUISES
- Data from Station (vertical profiles) :
- Moorings :

Time Series Name	Latitude	Longitude	Starting Date	Duration (Day)	Instruments
------------------	----------	-----------	---------------	----------------	-------------