

***Report and Index of
Underway Marine Geophysical Data***

Drift Expedition

Leg 10

(DRFT10RR)

R/V Revelle

(Issued June 2002)

Ports:

Pago Pago, American Samoa (07 March 2002)

to

Pago Pago, American Samoa (08 March 2002)

Chief Scientist: David Naar
Univeristy of South Floria
naar@usf.edu

Computer Tech – Steve Foley

Post-Cruise processing and report preparation by the
Shipboard Technical Support Group,
Scripps Institution of Oceanography
La Jolla, CA 92093-0223

NOTE: This is an index of underway geophysical data edited and processed after the completion of the cruise leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or Shipboard Technical Support, Scripps Institution of Oceanography, La Jolla, California 92093-0223.

STS Cruise ID# 297

**Report and Index of Navigation
and Underway Geophysical Data**

Processed by the Shipboard Technical Support Group
Scripps Institution of Oceanography

Contents:

Index Chart – gives track of cruise leg, dates, ports, and mileage of each type of data collected.

Track Charts– annotated with dates and hour ticks

Profiles – depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

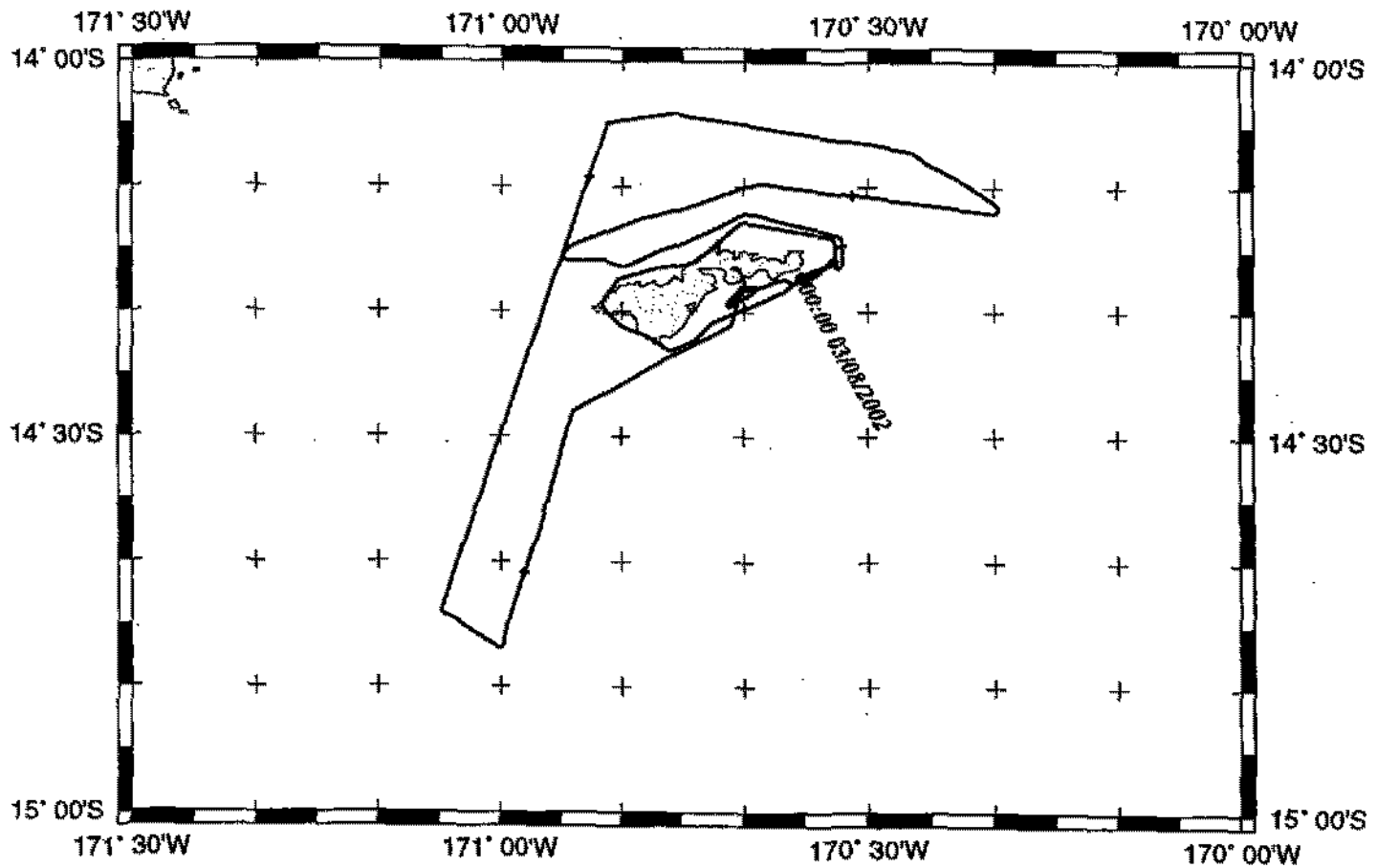
Sample Index – list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

NOTE:

For information on the availability of this current digital data as well as archived digital data contact Stephen P. Miller, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093-0220 Phone: (858)534-1898, internet email: spmiller@ucsd.edu; or his Website: <http://SIOExplorer@ucsd.edu>

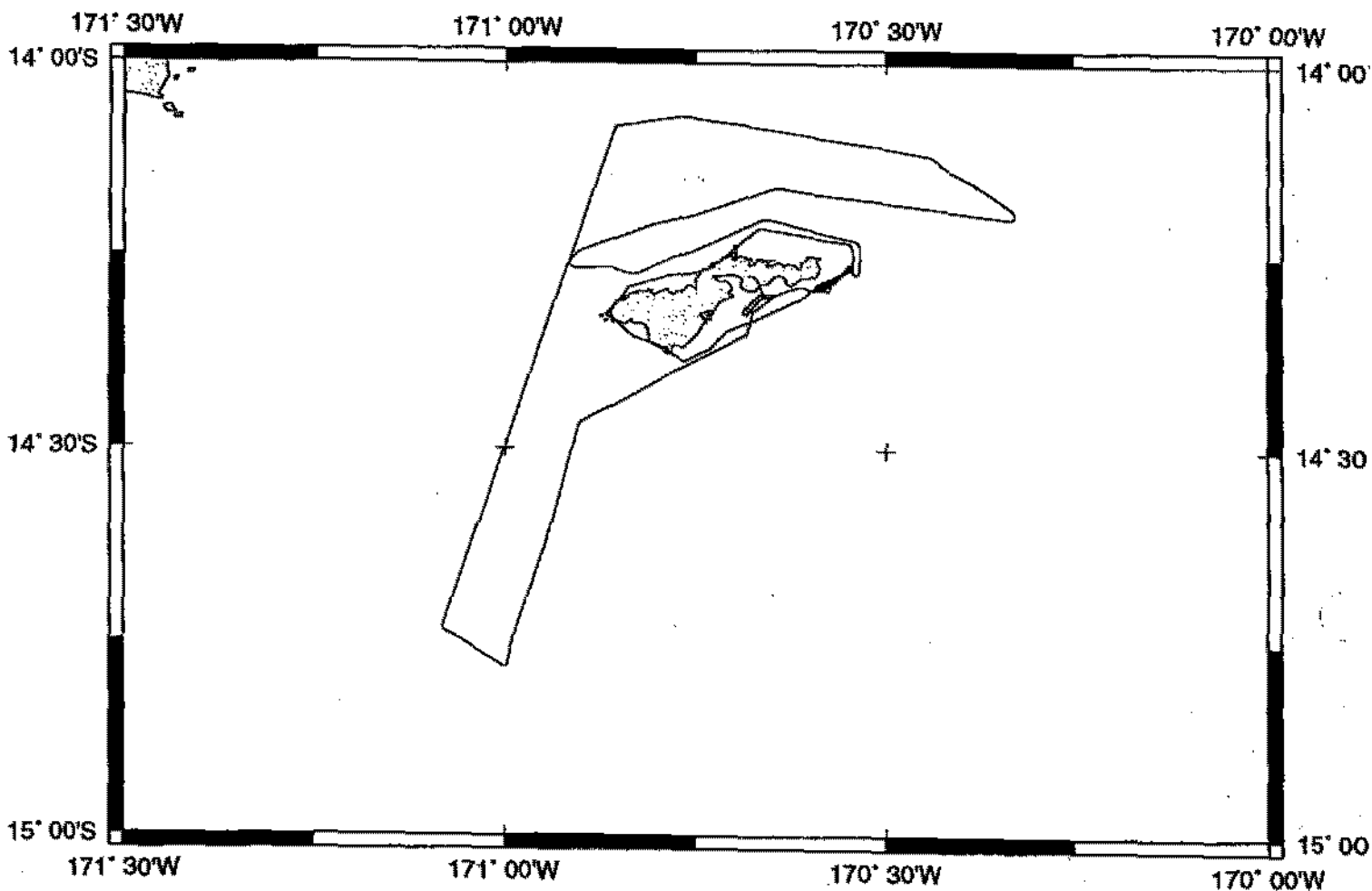
Rev 6/2001

DRIFT10RR



2002 Jun 4 13:16:38

:Pago Pago - Pago Pago, American Samoa, 7-8 March 2001:



DRIFT EXPEDITION LEG 10 (DRFT10RR)

CHIEF SCIENTIST: David Naar, University of South Florida

PORTS: Pago Pago - Pago Pago, American Samoa

DATES: 07-08 March 2001

SHIP: R/V Reville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-250 miles

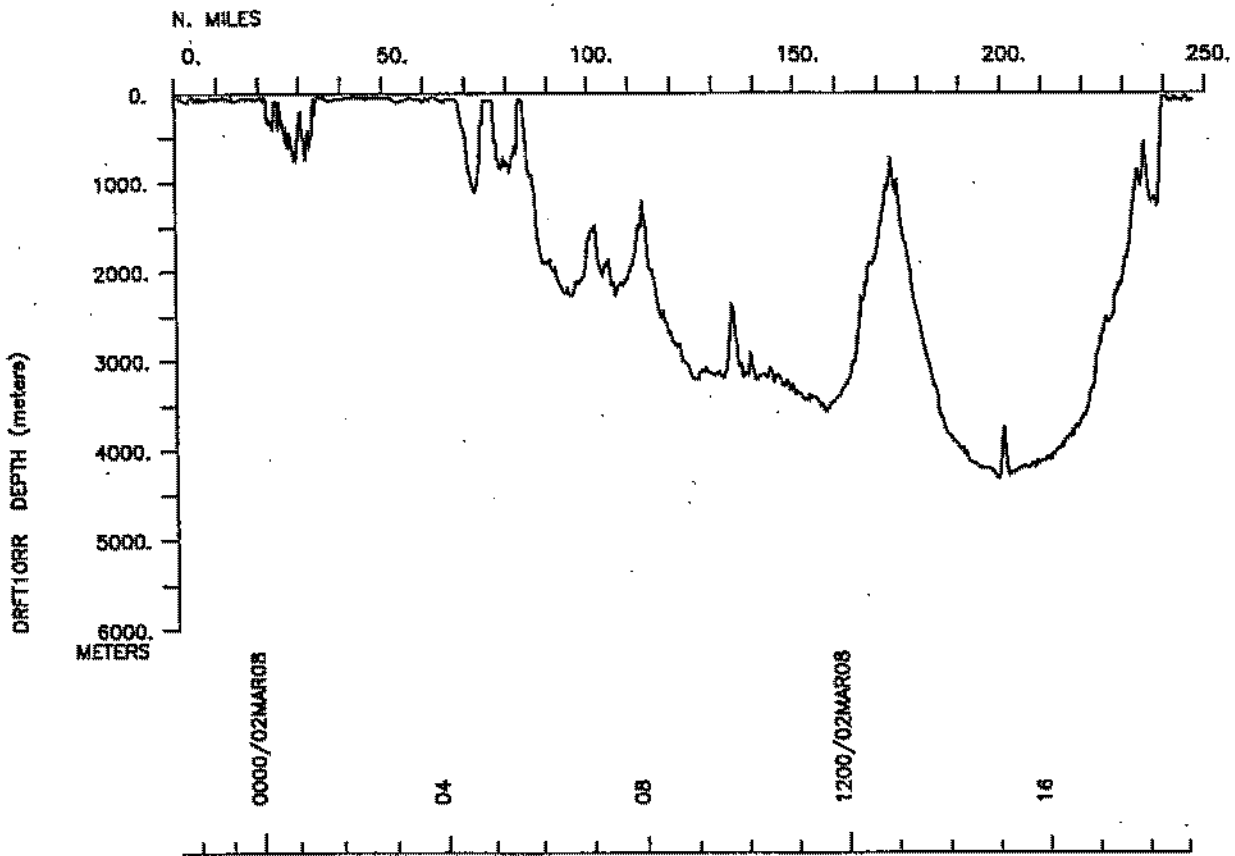
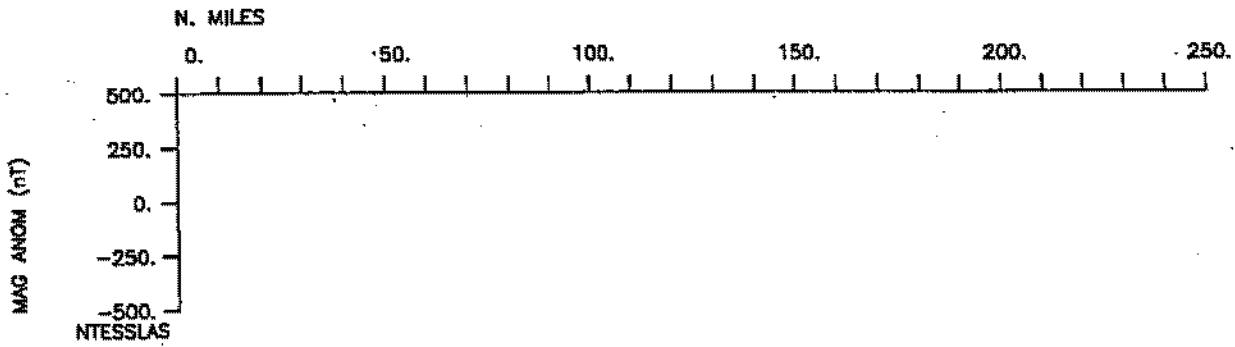
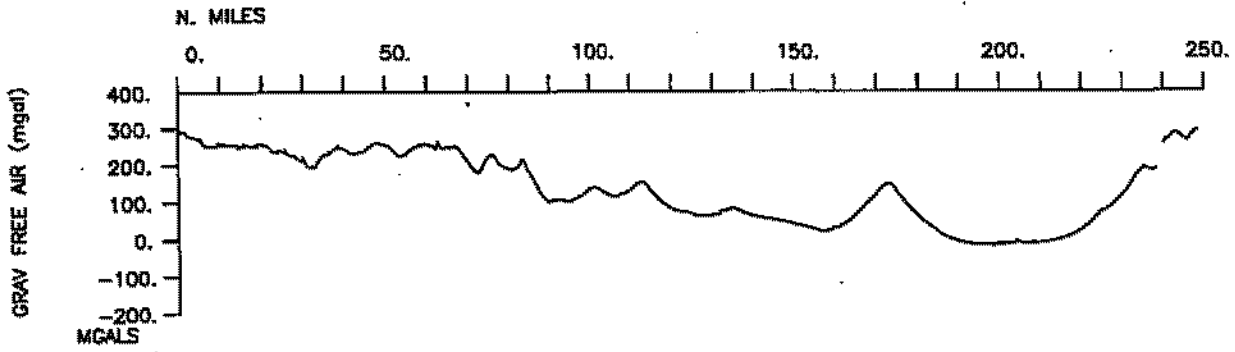
Magnetics-none collected

Bathymetry-240 miles

Seismic Reflection-none collected

Multibeam-240 miles

Gravity-240 miles



S.I.O. Sample Index

Drift Expedition

Leg 10

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(Issued June 2002)

PORTS:

Pago Pago, American Samoa (07 March 2002)
to
Pago Pago, American Samoa (08 March 2002)

Chief Scientist: David Naar
University of South Florida

The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. The index data are encoded at sea by the resident marine technician and processed on shore by the S.I.O. Shipboard Technical Support shortly after the completion of the cruise leg.

Positions are interpolated on the basis of sample time by comparison to a single, edited navigation file. Samples beginning at one time and position and ending at another are entered on two consecutive lines. Disposition and sample type are represented by three and four character codes to permit future computer searches on these parameters. (Listings defining these codes are available from the Shipboard Technical Support Group.)

STS Cruise ID# 297

**** Ports ****

2033	070302	LGPT B	Pago Pago, Samoa	14-17.00N	170-40.99W	f	DRFT10RR
1951	080302	LGPT E	Pago Pago, Samoa	14-17.00N	170-40.99W	f	DRFT10RR

**** Personnel ****

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
PECS SIX	Naar, David	Chief Scientist	U.of South Florida	DRFT10RR
PESP OSU	Wright, Dawn	Scientist	Oregon State Univ.	DRFT10RR
PESP SIX	Donahue, Brian	Technician	U.of South Florida	DRFT10RR
PESP SIX	Aicher, Jennifer	Scientist	Amer.SamoaCom.Coll.	DRFT10RR
PESP SIX	Kulberg, David	Scientist	Amer.SamoaCom.Coll.	DRFT10RR
PESP SIX	Cronk, Kevin	Observer	A.SamoaCoastalZonMan	DRFT10RR
PESP SIX	Allison, Graves	Observer	AmerSamoaNat.ParkSer	DRFT10RR
PESP SIX	Florence, Lutu	Student	Amer.SamoaCom.Coll.	DRFT10RR
PESP SIX	Champion, Matu'u	Student	Amer.SamoaCom.Coll.	DRFT10RR
PESP SIX	Eddie, Vaouli	Observer	AmerSamoaNat.ParkSer	DRFT10RR
PECT SCG	Foley, Steve	Computer Tech	Scripps Institution	DRFT10RR

**** NOTES ****

#An 'X' in the (B)egin/(E)nd column following the sample code indicates no #sample or data recovered. A 'C' indicates continuation of data collection #from before the beginning or after the end of a particular leg, (moored #bottom instruments, for example.) The number appearing in the columns #between the sample identifier and the disposition code, for many sample #entries, is the water depth in corrected meters.

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP

**** Underway Data Curator - Shipboard Technical Support Group ext.41899 ****
 **** Digital Data Curator - Geological Data Center, S.P. Miller, ext.41898 ****

2033	070302	0	MBSI	B	multibeam EM120 data	GDC	14-16.57S	170-40.91W	g	DRFT10RR
1946	080302	0	MBSI	E	multibeam EM120 data	GDC	14-17.29S	170-40.04W	g	DRFT10RR

**** Digital Gravity ****

2033	070302	0	GVDD	B	Digital Gravity	GDC	14-16.57S	170-40.91W	g	DRFT10RR
1946	080302	0	GVDD	E	Digital Gravity	GDC	14-17.29S	170-40.04W	g	DRFT10RR

**** Integrated Meteorological Acquisition System ****

2033	070302	0	IMET	B	weather measurements	GDC	14-16.57S	170-40.91W	g	DRFT10RR
1946	080302	0	IMET	E	weather measurements	GDC	14-17.29S	170-40.04W	g	DRFT10RR

**** Acoustic Doppler Current Profiler ****

2033	070302	0	ADCP	B	current measurements	GDC	14-16.57S	170-40.91W	g	DRFT10RR
1946	080302	0	ADCP	E	current measurements	GDC	14-17.29S	170-40.04W	g	DRFT10RR

End Sample Index DRFT10RR