

*Report and Index of
Underway Marine geophysical Data*

Centennial

Leg 10

(CNTL10RR)

R/V Roger Revelle

(Issued May 2004)

Ports:

Honolulu, HI (10-Jun-03)

to

Honolulu, HI (15-Jun-03)

Chief Scientist: Doug Luther

University of Hawaii

dluther@soest.hawaii.edu

Computer Tech - Geoff Davis

Resident Tech - Gene Pillard

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 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#300

Report and Index of Navigation and Underway Geophysical Data

Contents:

Index Chart - give track of cruise leg, dates, ports.

Track Charts - annotated with dates and hour ticks.

Profiles - depth, magnetic and gravity free air anomaly vs. distance.

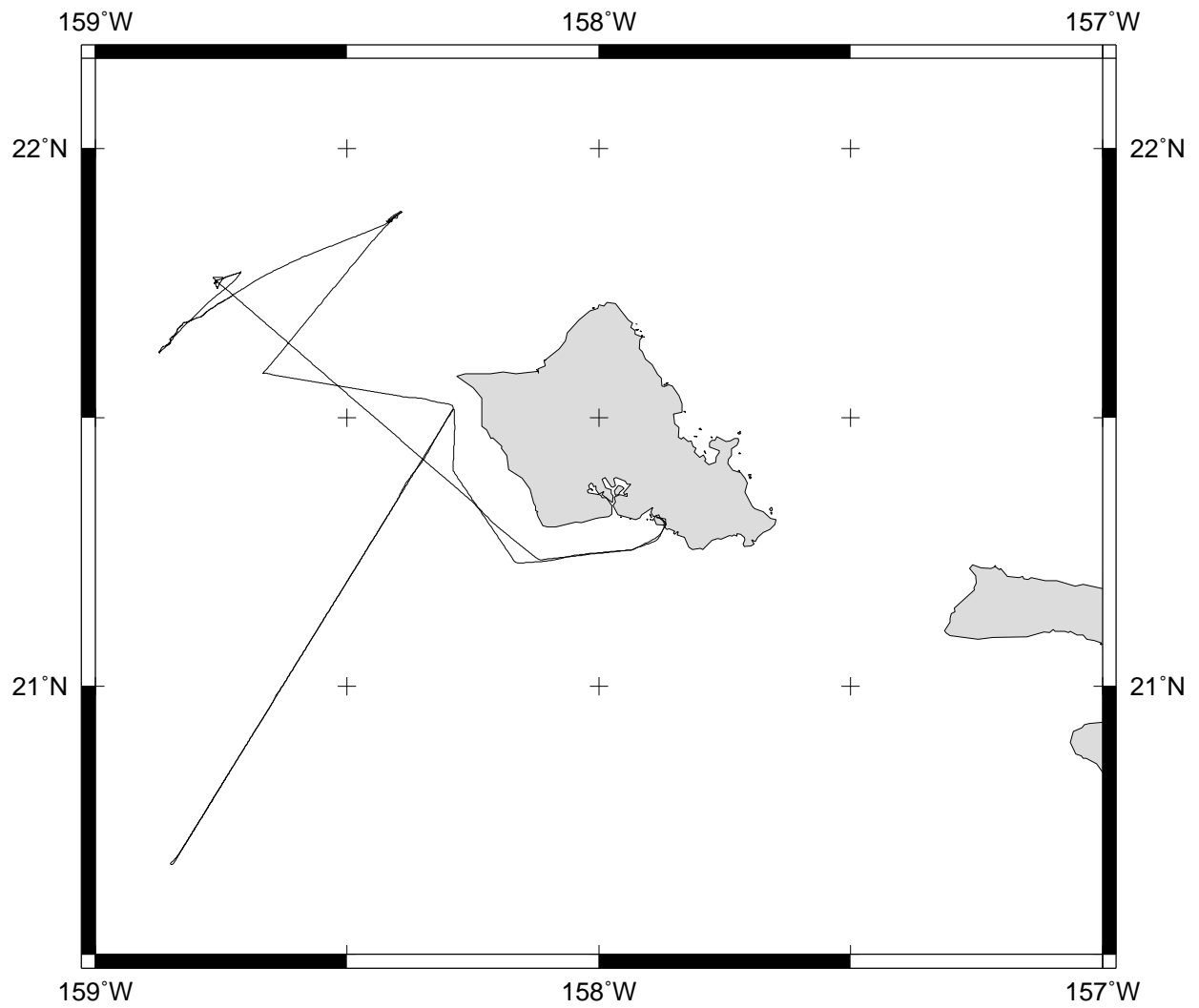
Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

Note:

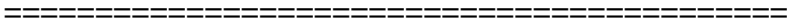
For information on the availability of this current digital data as well as archived digital data contact:

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 05/2002



CENTENNIAL EXPEDITION LEG 10 (CNTL10RR)



CHIEF SCIENTIST: Doug Luther, University of Hawaii

PORTS: Honolulu - Honolulu, Hawaii

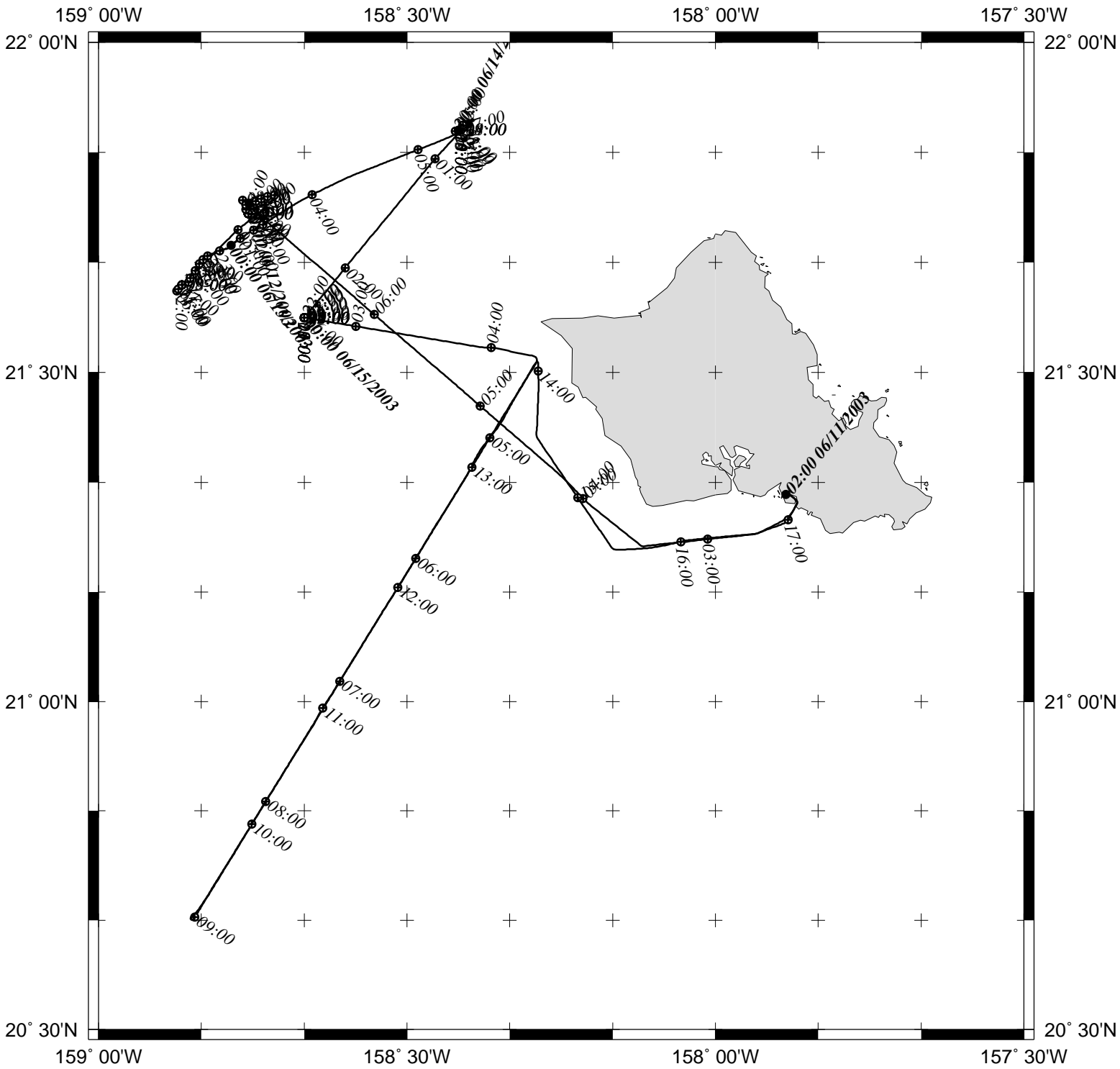
DATES: 11 - 15 June 2003

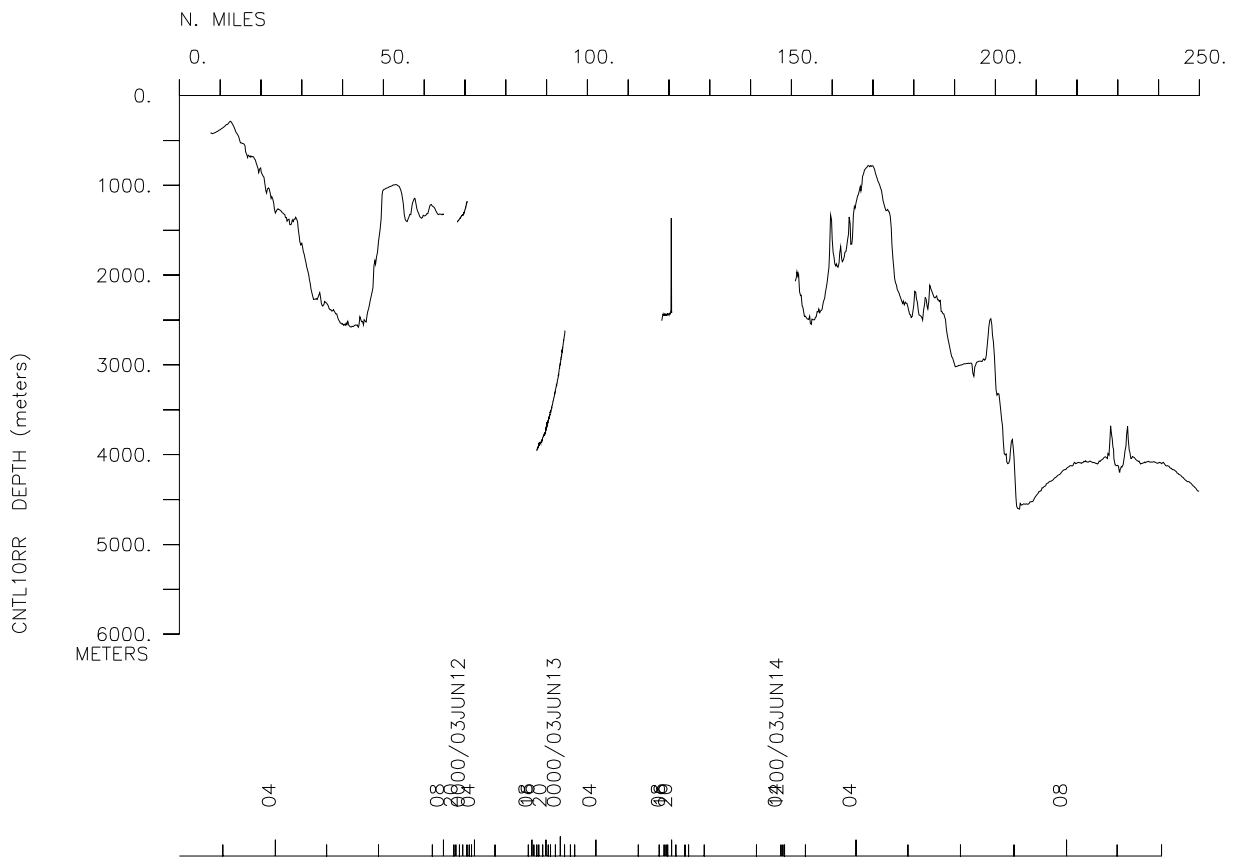
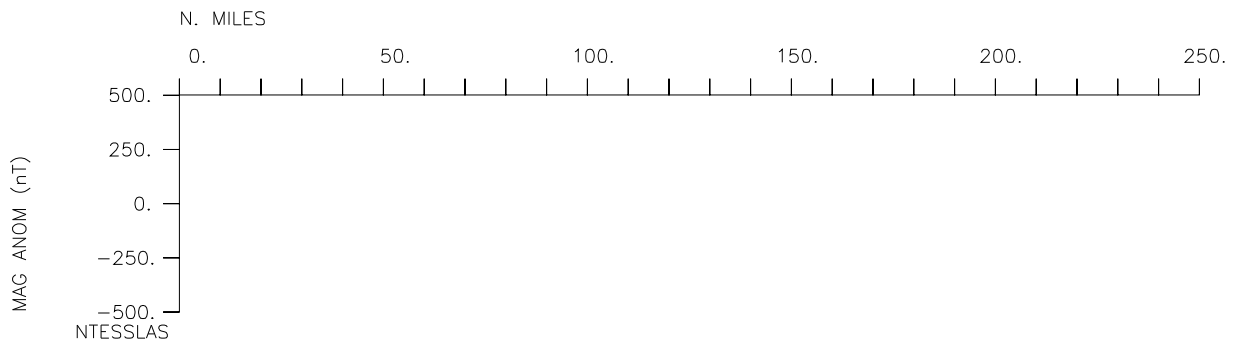
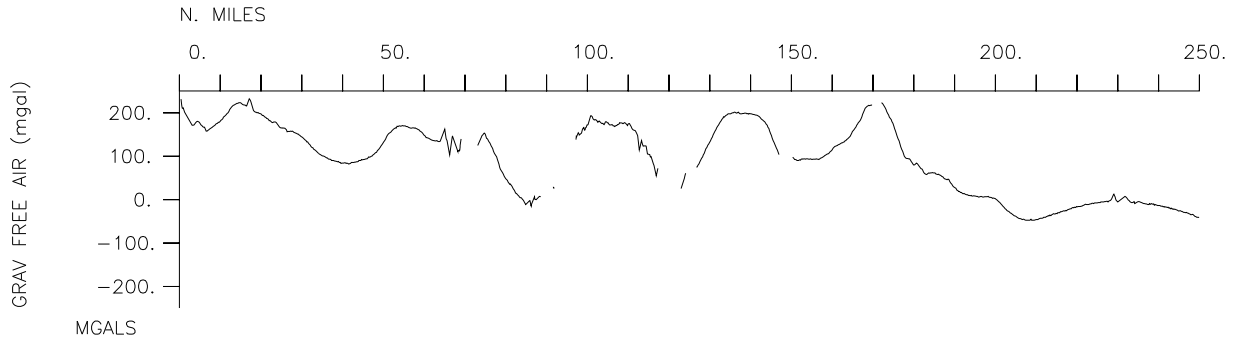
SHIP: R/V Revelle

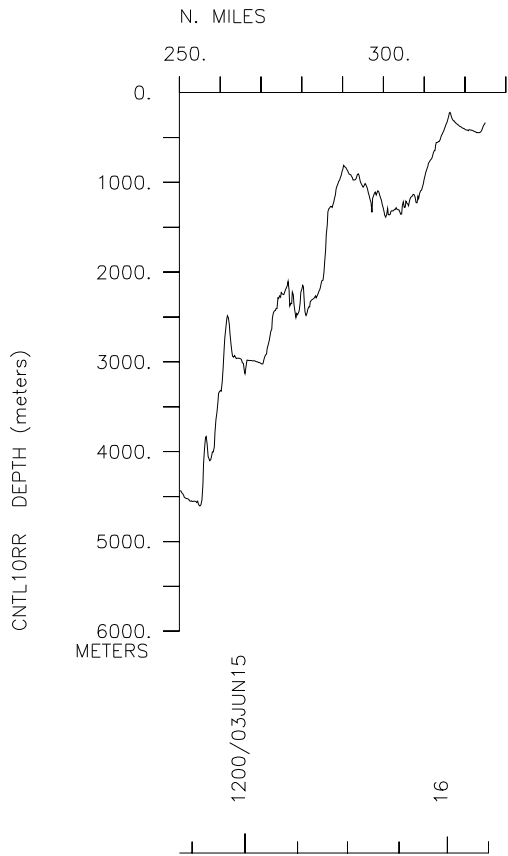
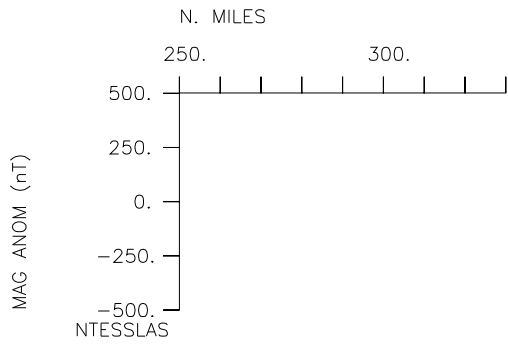
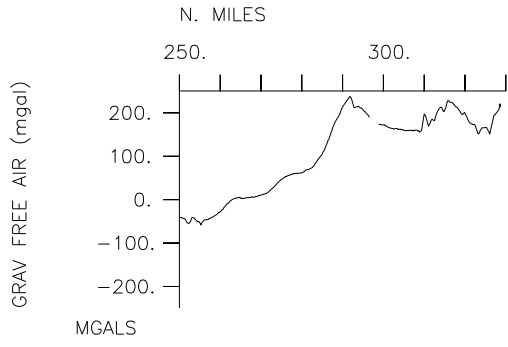
TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise - 328 miles	Magnetics - none collected
Bathymetry - 247 miles	Seismic Reflection - none collected
Multibeam - 247 miles	Gravity - 328 miles

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**** Ports ****

0154	110603	LGPT B Honolulu,Hawaii	21-18.00N	157-52.00W	f	CNTL10RR
1800	150603	LGPT E Honolulu,Hawaii	21-18.00N	157-52.00W	f	CNTL10RR

**** Personnel ****

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
PECS UHI	Luther,D.	CHIEF SCIENTIST	UNIV. OF HAWAII	CNTL10RR
PEST UHI	Aucan,J.	GRAD STUDENT	UNIV. OF HAWAII	CNTL10RR
PESP UHI	Bartlett,T.	TECHNICIAN	UNIV. OF HAWAII	CNTL10RR
PESP OSU	Boyd,T.	SCIENTIST	OREGON STATE UNIV.	CNTL10RR
PEST UHI	Chavanne,C.	GRAD STUDENT	UNIV. OF HAWAII	CNTL10RR
PECT STS	Davis, G.	COMPUTER TECH	SCRIPPS INSTITUTION	CNTL10RR
PEST UHI	Decloedt,T.	GRAD STUDENT	UNIV. OF HAWAII	CNTL10RR
PEST UHI	Delambert,S.	STUDENT	UNIV. OF HAWAII	CNTL10RR
PEST UHI	Degoulet,J.	STUDENT	UNIV. OF HAWAII	CNTL10RR
PESP UHI	Firing,E.	TECHNICIAN	UNIV. OF HAWAII	CNTL10RR
PESP UHI	Merrifield,M.	SCIENTIST	UNIV. OF HAWAII	CNTL10RR
PERT STS	Pillard,E.	RESIDENT TECH	SCRIPPS INSTITUTION	CNTL10RR
PESP OSU	Waluk,C.	TECHNICIAN	OREGON STATE UNIV.	CNTL10RR
PEST UHI	Zilberman,N.	GRAD STUDENT	UNIV. OF HAWAII	CNTL10RR

**** 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 ****

**** MultiBeam Data (SIMRAD) ****

0246	110603	0	MBSI B	Simrad EM120 data	GDC	21-15.13N	157-57.54W	g	CNTL10RR
1655	150603	0	MBSI E	Simrad EM120 data	GDC	21-16.13N	157-53.65W	g	CNTL10RR

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

0154	110603	0	ADCP B	Current meas. data	GDC	21-18.96N	157-53.17W	g	CNTL10RR
1800	150603	0	ADCP E	Current meas. data	GDC	21-18.95N	157-53.17W	g	CNTL10RR

**** Anchored Bottom ADCP ****

2241	110603	0	ADCP C	A2 bottom anchored	UHI	21-46.24N	158-42.75W	f	CNTL10RR
0430	120603	0	ADCP E	ADCP with CTDs	UHI	21-46.24N	158-42.75W	g	CNTL10RR
1630	120603	0	ADCP C	C2 bottom anchored	UHI	21-46.24N	158-42.75W	f	CNTL10RR
0317	130603	0	ADCP E	ADCP with CTDs	UHI	21-43.56N	158-43.79W	g	CNTL10RR
2024	130603	0	ADCP C	D2 bottom anchored	UHI	21-46.24N	158-42.75W	f	CNTL10RR
2145	130603	0	ADCP E	ADCP with CTDs	UHI	21-52.87N	158-23.60W	g	CNTL10RR

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	--	-----	-----	-----	-----	-----	-----	-----	-	-----
#*** Conductivity, Temperature, Depth ***										
0922	110603	0	TDCT	B CTD #1-10	UHI	21-44.45N	158-45.43W		g	CNTL10RR
2122	110603	0	TDCT	E CTD #1-10	UHI	21-44.45N	158-45.43W		g	CNTL10RR
0654	130603	0	TDCT	B CTD (D2) #2-8	UHI	21-52.08N	158-24.73W		g	CNTL10RR
1847	130603	0	TDCT	E CTD #2-8	2423m UHI	21-52.07N	158-24.73W		g	CNTL10RR
2233	130603	0	TDCT	B CTD #1	UHI	21-52.01N	158-25.01W		g	CNTL10RR
0021	140603	0	TDCT	E CTD #1	2425m UHI	21-52.01N	158-25.00W		g	CNTL10RR
0320	140603	0	TDCT	B CTD with ADCP	UHI	21-34.97N	158-40.00W		g	CNTL10RR
1935	140603	0	TDCT	E CTD with ADCP	UHI	21-34.97N	158-40.00W		g	CNTL10RR
2126	140603	0	TDCT	B CTD w/instruments	UHI	21-34.97N	158-40.00W		g	CNTL10RR
2336	140603	0	TDCT	E CTD w/instruments	UHI	21-34.97N	158-40.00W		g	CNTL10RR
0045	150603	0	TDCT	B CTD w/instruments	UHI	21-34.97N	158-40.00W		g	CNTL10RR
0234	150603	0	TDCT	E CTD w/instrum. 1345m	UHI	21-34.97N	158-39.99W		g	CNTL10RR
#				End Sample Index						CNTL10RR