

REPORT AND INDEX OF  
UNDERWAY MARINE GEOPHYSICAL DATA  
WESTWARD EXPEDITION

LEG 5

(WEST05MV)

R/V MELVILLE

(Issued December 1994)

**Ports:**

Papeete, Tahiti (20 May 1994)  
to  
Nuku'alofa, Tonga (24 June 1994)

**Chief Scientist:**

Harry Bryden (James Rennell Center, England)

Resident Marine Technician - Ronald Comer  
Computer Technician - James Charters

Post-Cruise Processing and Report Preparation by the  
Geological Data Center, Scripps Institution of Oceanography  
La Jolla, California 92093-0223

Data Collection and Processing Funded by:  
NSF OCE94-00707

*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 the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093-0223*

GDC Cruise I.D.# 266

**REPORT AND INDEX OF NAVIGATION  
AND UNDERWAY GEOPHYSICAL DATA**

Processed by the Geological Data Center  
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.

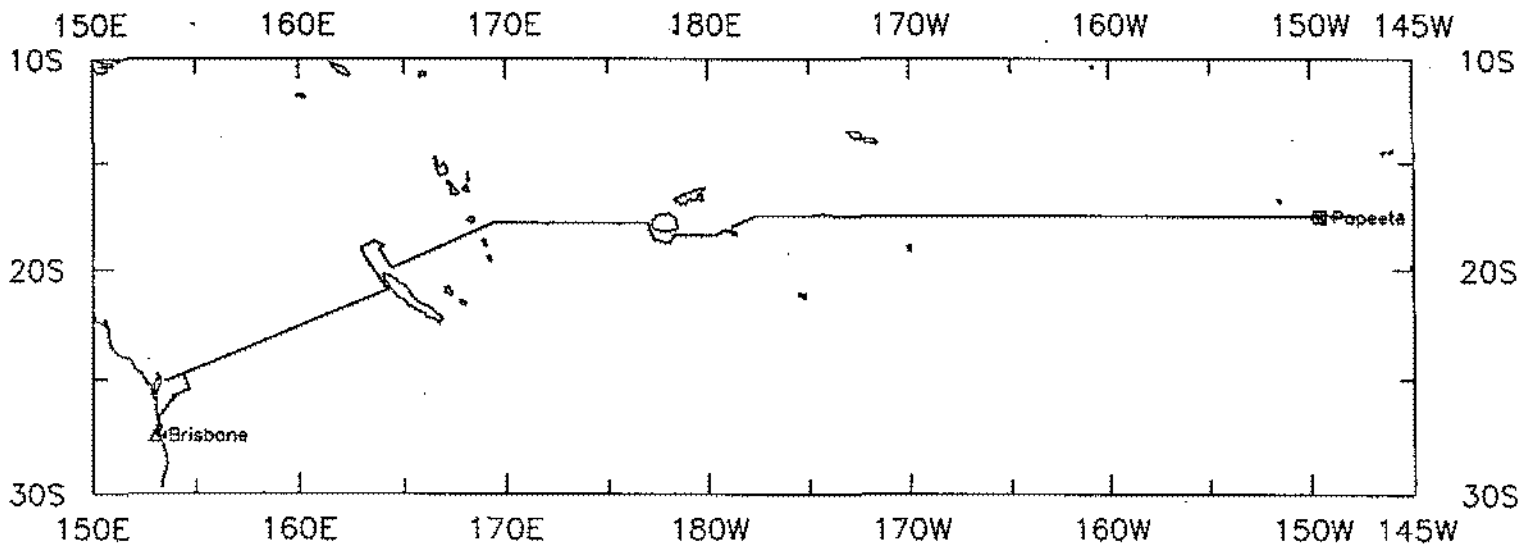
**Profiles** - depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

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

**NOTE:** One or more of the underway data types may not be collected on a given cruise leg. For information on the availability and reproduction costs of data in the following forms, contact S.M. Smith, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093-0223.

Phone: (619)534-2752, FAX: (619)534-5306, Internet email: ssmith@ucsd.edu

1. Files on Exabyte, DAT or 1/2 inch magnetic tape:
  - a) Separate time series ASCII files of navigation, single beam depth, gravity and magnetics.
  - b) These same data in a merged ASCII file in the MGD77 Exchange Format.
  - c) SeaBeam depth data (binary, Sun byte order) in SIO Swath Bathymetry Format (not available on 1/2" tape).
  - d) SeaBeam Sidescan data (not available on 1/2" tape).
2. Microfilm (35 mm flowfilm) or hard copies of:
  - a) Underway watch log book
  - b) SeaBeam vertical beam profile/Sidescan records.
  - c) Echosounder records - 3.5 kHz frequency.
  - d) Magnetometer records.
  - e) Seismic reflection profiler records.
3. Navigation listing with times and positions of fixes and course and speed changes.
4. Plots:
  - a) Copies of archived track plots.
  - b) Copies of archived SeaBeam contour plots.
  - c) Custom plots in Mercator projection:
    - 1) Track plots.
    - 2) SeaBeam depth contour plots.
    - 3) Depth, magnetic or gravity values printed or profiled along track.



\*

**WESTWARD EXPEDITION LEG 5**

**CHIEF SCIENTIST:** Harry Bryden, James Rennell Center, England

**PORTS:** Papeete, Tahiti - Brisbane, Australia

**DATES:** 20 May - 24 June 1994

**SHIP:** R/V Melville

**TOTAL MILEAGE OF UNDERWAY DATA COLLECTED**

**Cruise - 4588 miles**

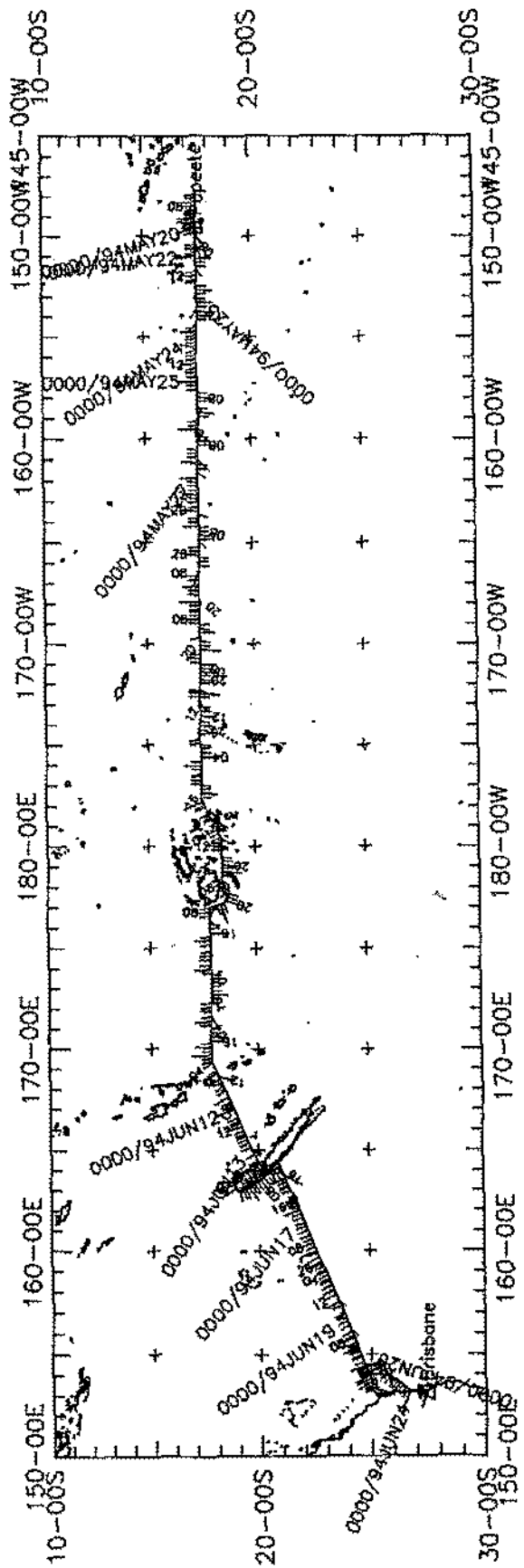
**Magnetics - none collected**

**Bathymetry - 4588 miles**

**Seismic Reflection - none collected**

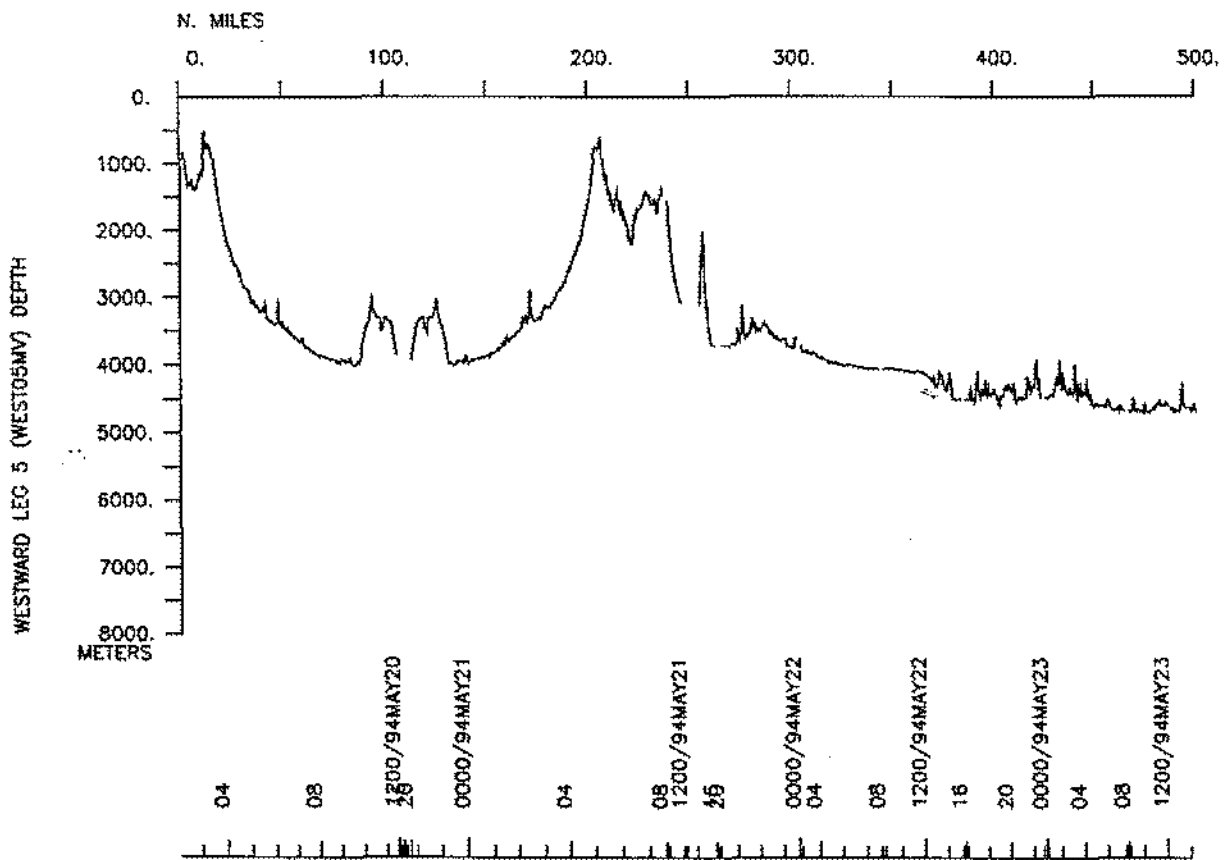
**Sea Beam - 4588 miles**

**Gravity - none collected**

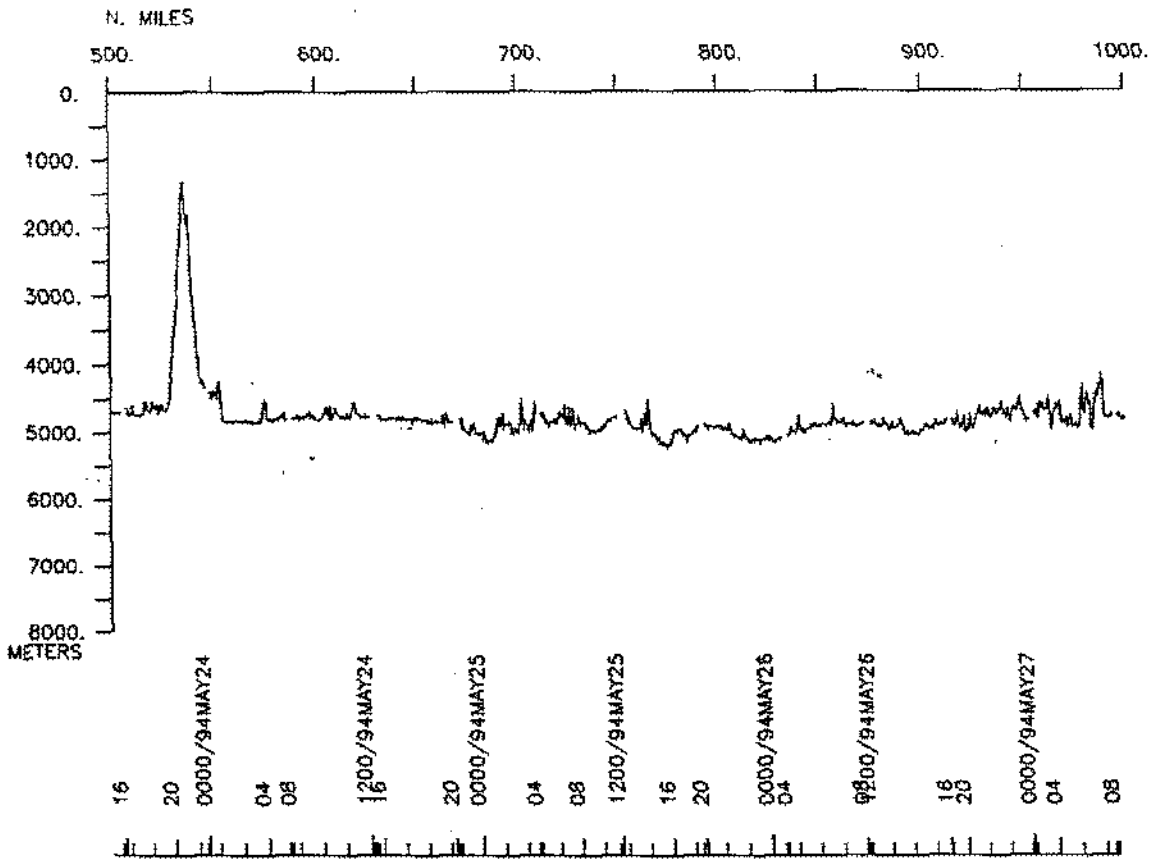


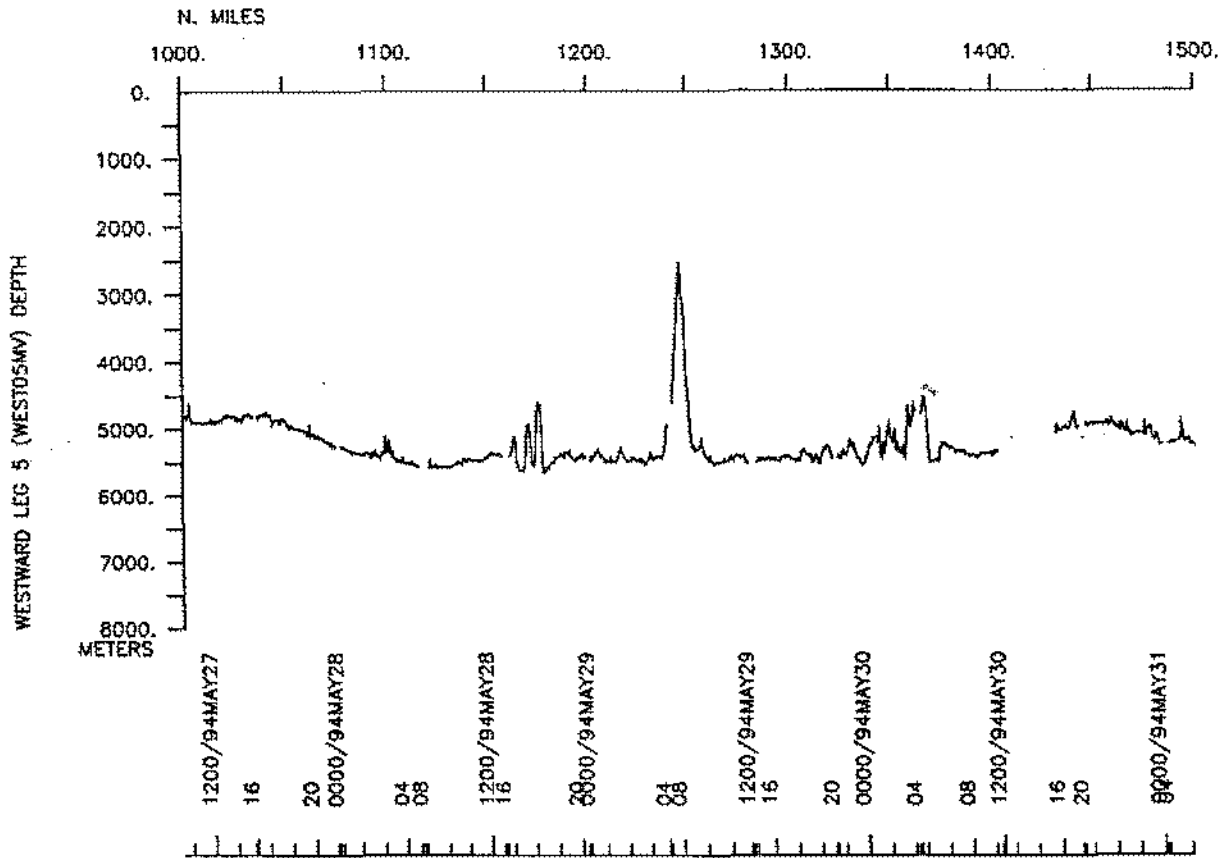
WESTWARD EXPEDITION LEG 5 (WEST05MV)

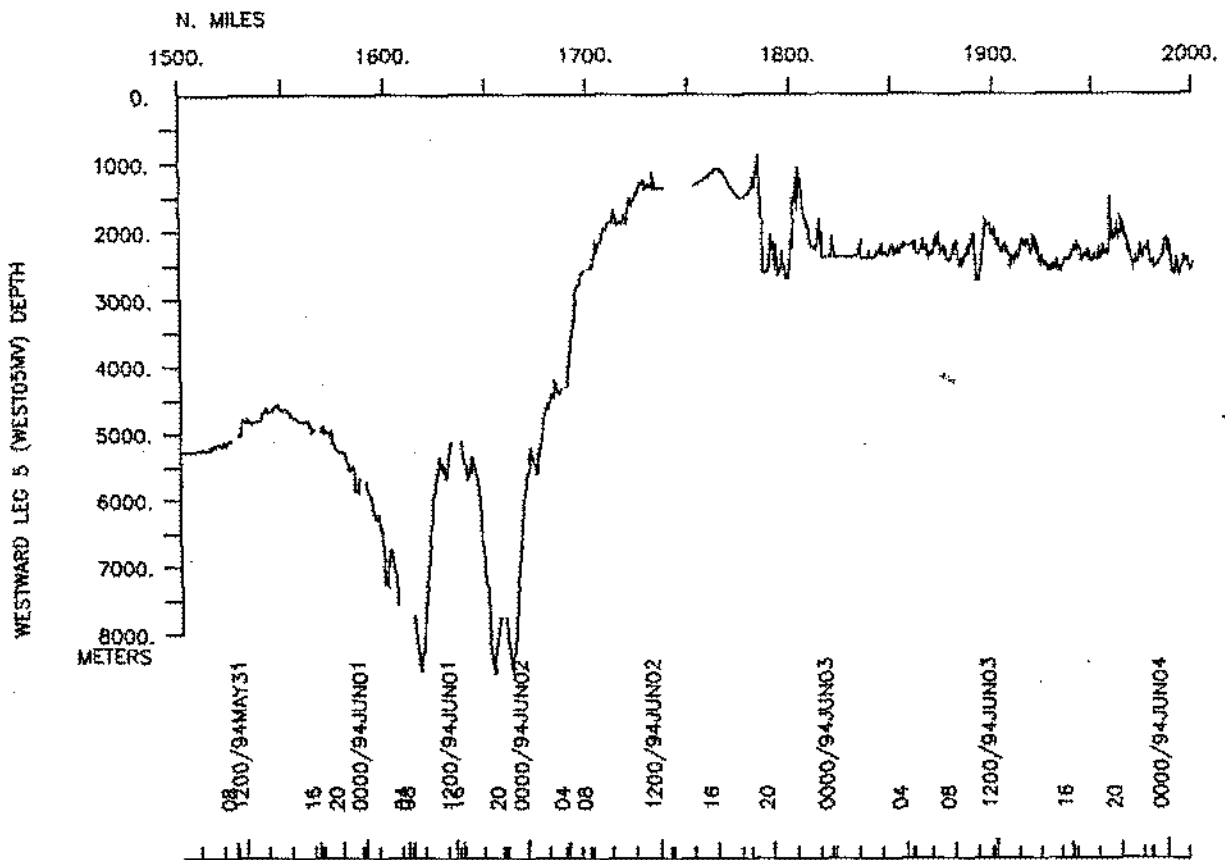
\*



WESTWARD LEG 5 (WEST05MN) DEPTH

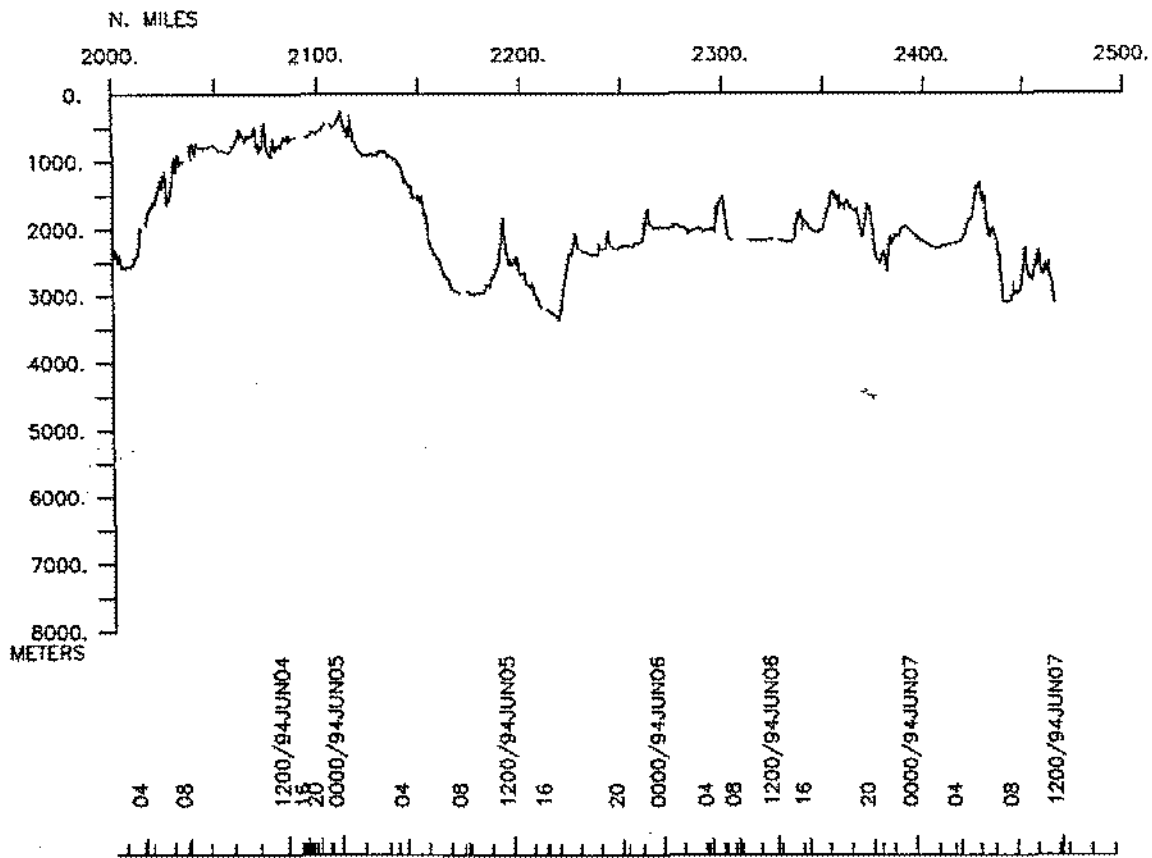


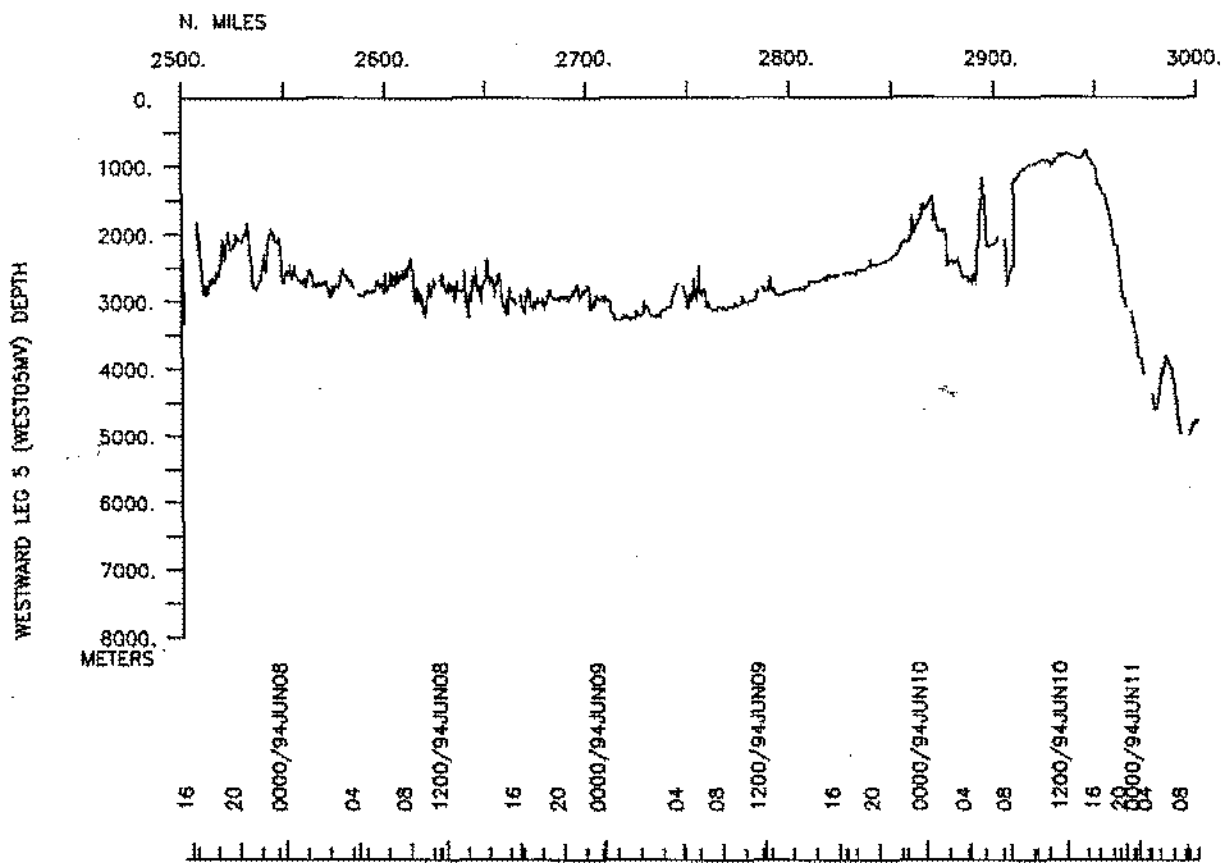




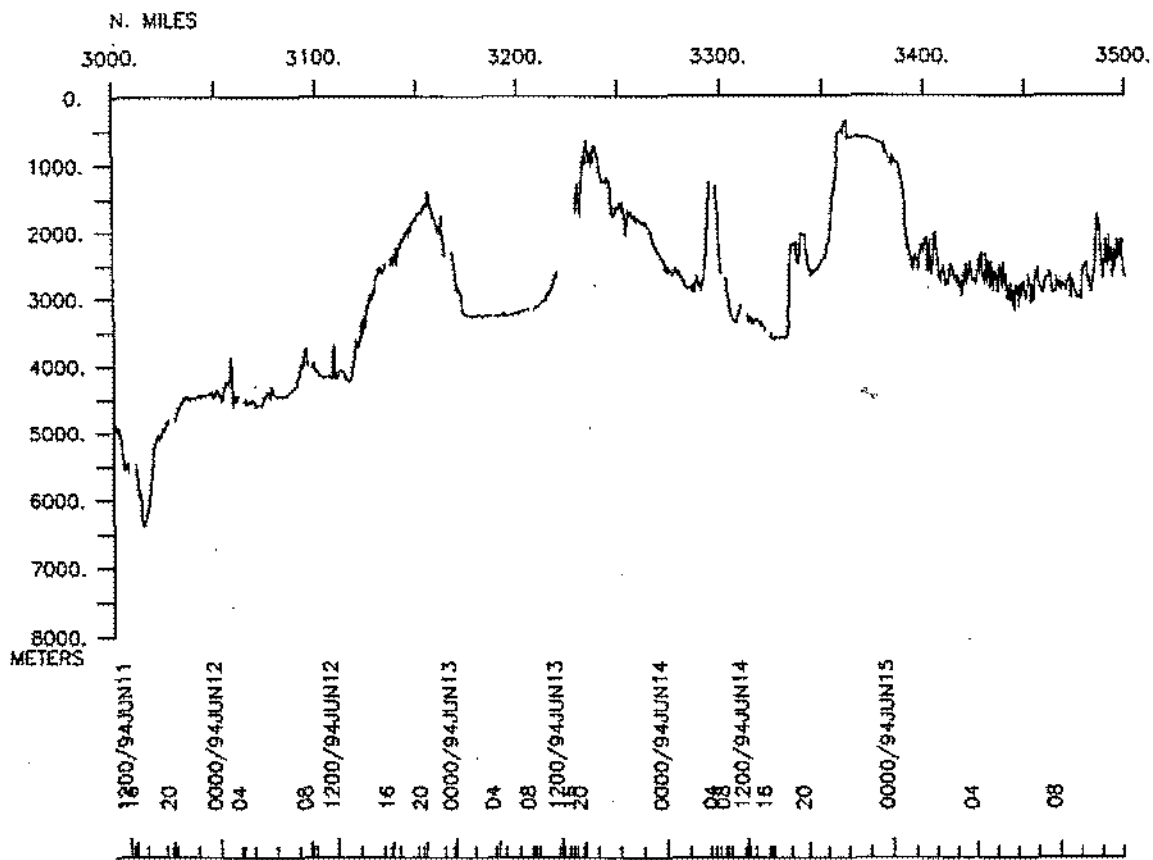


WESTWARD LEG 5 (WEST05MW) DEPTH

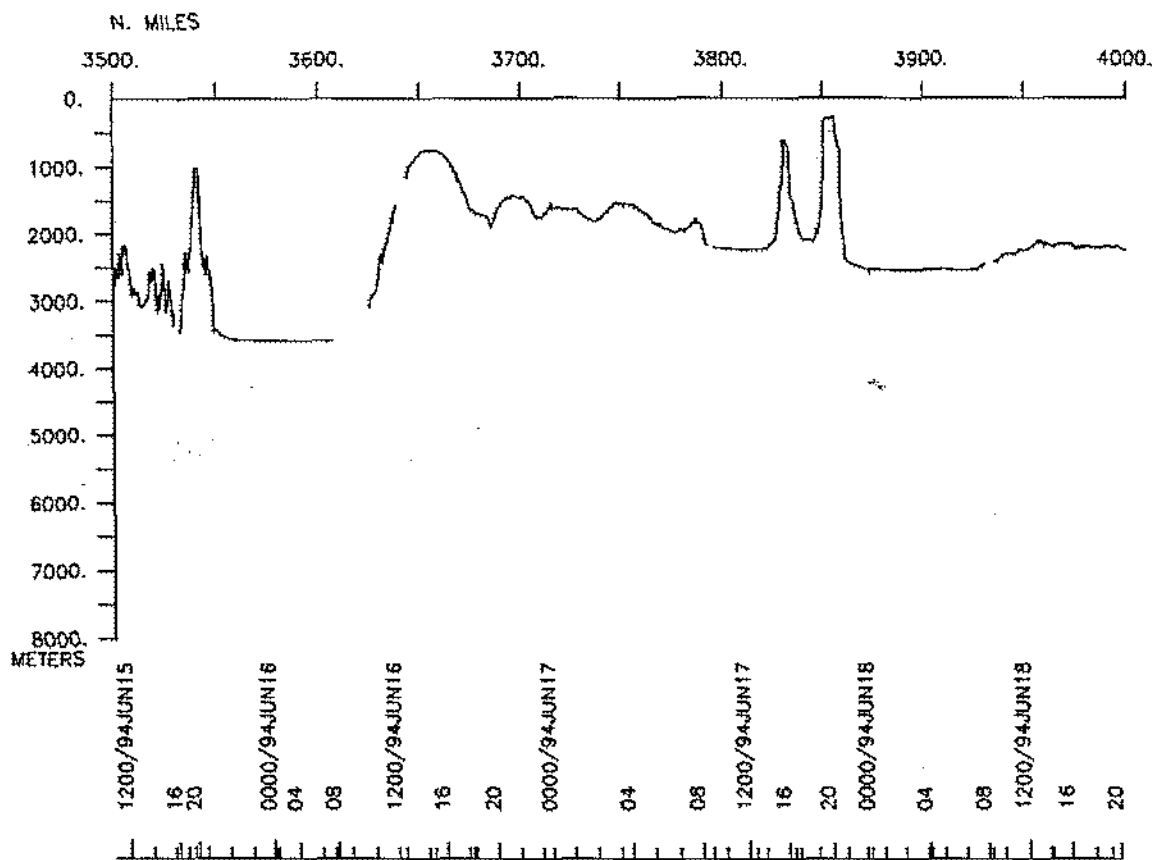


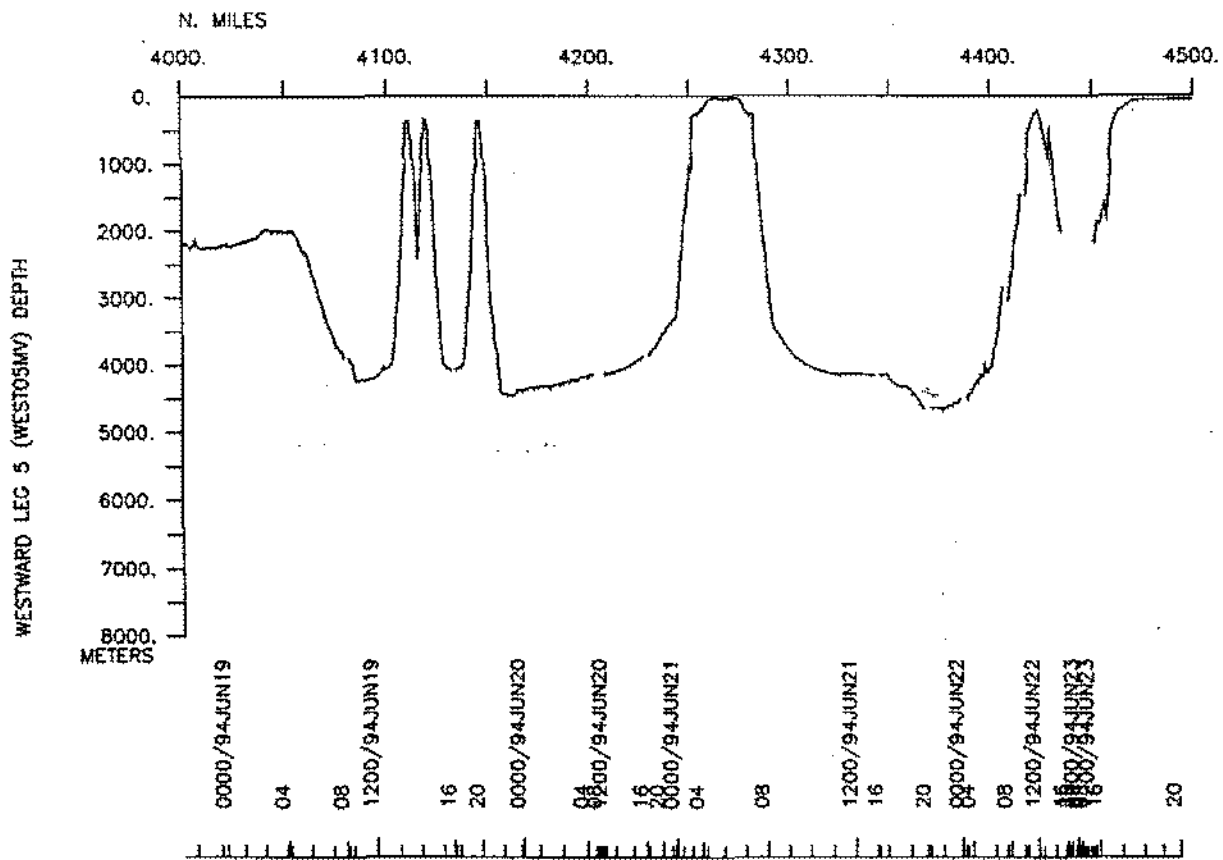


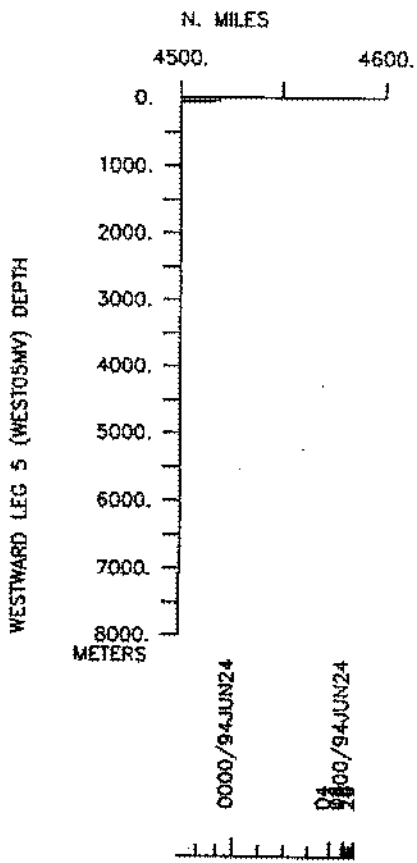
WESTWARD LEG 5 (WEST05MV) DEPTH



WESTWARD LEG 5 (WEST05NW) DEPTH







**S.I.O. SAMPLE INDEX**

**(Issued December 1994)**

**WESTWARD EXPEDITION**

**Leg 5 (WEST05MV)**

**R/V Melville**

**Papeete, Tahiti (20 May 1994)**

**Brisbane, Australia (24 June 1994)**

**Chief Scientist:**

**Harry Briden (James Rennell Center, England)**

*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. Geological Data Center 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 Geological Data Center.)*

**GDC Cruise I.D.# 266**

\*\*\*\* Ports \*\*\*

0200 200594 LGPT B Papeete, Tahiti 17-32.00S 149-34.00W F WEST05MV  
 0500 240694 LGPT E Brisbane, Australia 27-28.00S 153-02.00E f WEST05MV

\*\*\*\* Personnel \*\*\*

# \*\*\*\*\*NAME\*\*\*\*\* \*\*\*\*\*TITLE\*\*\*\*\* \*\*\*\*\*AFFILIATION\*\*\*\*\* \*\*CRID\*\*  
 #-----#

\*\*\*\* 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. Positions are in tenths  
 #of minutes.

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

PECS	GBN			Bryden, Dr. H. L.	Chief Scientist		J. Rennell Center			WEST05MV
PERT	STS			Comer, R. L.	Resident Tech.		Scripps Institution			WEST05MV
PECT	STS			Charters, J.	Computer Engineer		Scripps Institution			WEST05MV
PESP	GEN			Banks, H.	Technician		Great Britain			WEST05MV
PESP	GEN			Bacon, S.	Technician		Great Britain			WEST05MV
PESP	WHOI			Curtice, J.	Tech. Hel/Trit.		Woods Hole			WEST05MV
PESP	WHOI			Guest, B.	CTD Technician		Woods Hole			WEST05MV
PESP	WHOI			Bouchard, P.	CTD Technician		Woods Hole			WEST05MV
PESP	WHOI			Tupper, G.	CTD Technician		Woods Hole			WEST05MV
PESP	WHOI			Millard, R.	CTD Watch		Woods Hole			WEST05MV
PESP	WHOI			Montgomery, E.	CTD Data Proc.		Woods Hole			WEST05MV
PESP	WHOI			Wellwood, D.	Hydrographer		Woods Hole			WEST05MV
PESP	WHOI			Kosro, M.	ADCP		Woods Hole			WEST05MV
PESP	SIX			Lindstrom, E.	Program Scient.		WOCE Program			WEST05MV
PESP	OSU			Ross, A.	Nutrients		Oregon State Univ.			WEST05MV
PESP	SIX			Rutherford, E.	Nutrients		Univ. of So. Florida			WEST05MV
PESP	AUA			Wong, A.	Technician		Australia			WEST05MV
PEXN	SIX			Ponia, B.	Observer		Cook Islands			WEST05MV
PESP	NOAA			Menzia, F.	CFC Technician		Nat. Ocean./Atmos. Adm			WEST05MV
PESP	NOAA			Neill, C.	CFC Technician		Nat. Ocean./Atmos. Adm			WEST05MV
PESP	SIX			Aicher, J.	CO2 Technician		University of Miami			WEST05MV
PESP	SIX			Lee, K.	CO2 Technician		University of Miami			WEST05MV
PESP	SIX			Furkerson, D.	CO2 Technician		University of Miami			WEST05MV
PESP	SIX			Kemerer, T. W.	CO2 Technician		University of Miami			WEST05MV



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

\*\*\* SeaBeam Collected in Transit Mode - No Analogue Records \*\*\*

0230	200594	0	MBTL	B Seabeam transit mode	GDC	17-30.00S	149-32.37W	g		WEST05MV
2302	240694	0	MBTL	E Seabeam transit mode	GDC	24-57.39S	153-51.97E	g		WEST05MV

\*\*\* Continuous Air Samples \*\*\*

0200	200594	0	ASCS	B Continuous surface	NOAA	17-32.30S	149-34.76W	g		WEST05MV
0100	240694	0	ASCS	E air CO2 sampling	NOAA	24-57.39S	153-51.97E	g		WEST05MV

\*\*\* Current Meters \*\*\*

0758	250594		CMRT	Drifter 21144	IGPP	17 30.54S	158 00.07W	g		WEST05MV
1653	280594		CMRT	Drifter	IGPP	17 29.94S	165 00.67W	g		WEST05MV
2021	090694		CMRT	Drifter 21116	IGPP	17 50.07S	169 59.70E	g		WEST05MV
0843	240594		CMRT	ALACE 339 launched	IGPP	17 29.94S	155 40.09W	g		WEST05MV
1343	250594		CMRT	ALACE 360 launched	IGPP	17 30.61S	158 19.81W	g		WEST05MV
2034	260594		CMRT	ALACE 359 launched	IGPP	17 29.97S	161 13.35W	g		WEST05MV
0105	280594		CMRT	ALACE 347 launched	IGPP	17 29.98S	163 40.05W	g		WEST05MV
2042	280594		CMRT	ALACE 348 launched	IGPP	17 30.00S	165 39.89W	g		WEST05MV
2241	290594		CMRT	ALACE 356 launched	IGPP	17 29.94S	164 40.03W	g		WEST05MV
2042	300594		CMRT	ALACE 355 launched	IGPP	17 29.96S	169 40.54W	g		WEST05MV
1857	310594		CMRT	ALACE 357 launched	IGPP	17 30.06S	171 39.84W	g		WEST05MV
0910	020694		CMRT	ALACE 358 launched	IGPP	17 29.18S	173 00.46W	g		WEST05MV
1151	030694		CMRT	ALACE 351 launched	IGPP	17 30.34S	176 20.19W	g		WEST05MV
2332	070694		CMRT	ALACE 352 launched	IGPP	17 50.12S	175 00.00E	g		WEST05MV
0024	090694		CMRT	ALACE 350 launched	IGPP	17 49.93S	172 19.81E	g		WEST05MV
1839	090694		CMRT	ALACE 349 launched	IGPP	17 50.00S	170 19.27E	g		WEST05MV
0346	150694		CMRT	ALACE 338 launched	IGPP	19 28.47S	163 05.85E	g		WEST05MV
0739	170694		CMRT	ALACE 320 launched	IGPP	22 24.70S	160 25.22E	g		WEST05MV
1259	180694		CMRT	ALACE 336 launched	IGPP	23 30.03S	157 38.99E	g		WEST05MV
0130	190694		CMRT	ALACE 354 launched	IGPP	23 56.71S	156 29.81E	g		WEST05MV
1317	190694		CMRT	ALACE 353 launched	IGPP	24 24.39S	155 20.02E	g		WEST05MV
1500	200694		CMRT	ALACE 345 launched	IGPP	24 51.33S	154 09.97E	g		WEST05MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP					p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE			c	LEG-SHIP
#*** Temperature, Depth, Conductivity, Salinity ***											
1214	200594		TDCT	B CTD 162 36bt1	3893M	WHOI 17 30.00S	147 50.00W	g			WEST05MV
1507	200594		TDCT	E SONI	ADCP	WHOI 17 29.80S	147 49.80W	g			WEST05MV
1759	200594		TDCT	B CTD 163 36bt1	3916M	WHOI 17 30.00S	147 49.50W	g			WEST05MV
2136	200594		TDCT	E SONI	ADCP	WHOI 17 30.00S	147 49.50W	g			WEST05MV
0813	210594		TDCT	B CTD 164 21bt1	1508M	WHOI 17 30.12S	149 57.38W	g			WEST05MV
1002	210594		TDCT	E SONI	ADCP	WHOI 17 30.26S	149 57.48W	g			WEST05MV
1145	210594		TDCT	B CTD 165 36bt1	3099M	WHOI 17 29.50S	150 05.00W	g			WEST05MV
1434	210594		TDCT	E SONI	ADCP	WHOI 17 30.03S	150 05.58W	g			WEST05MV
1659	210594		TDCT	B CTD 166 36bt1	3726M	WHOI 17 30.00S	150 20.00W	g			WEST05MV
2009	210594		TDCT	E SONI	ADCP	WHOI 17 29.50S	150 20.20W	g			WEST05MV
2352	210594		TDCT	B CTD 167 36bt1	3613M	WHOI 17 29.93S	151 00.12W	g			WEST05MV
0307	220594		TDCT	E SONI	ADCP	WHOI 17 29.40S	151 00.10W	g			WEST05MV
0644	220594		TDCT	B CTD 168 33bt1	4063M	WHOI 17 30.00S	151 40.10W	g			WEST05MV
1006	220594		TDCT	E SONI		WHOI 17 30.10S	151 40.10W	g			WEST05MV
1415	220594		TDCT	B CTD 169 36bt1	4506M	WHOI 17 29.94S	152 20.01W	g			WEST05MV
1757	220594		TDCT	E SONI	ADCP	WHOI 17 29.50S	152 28.10W	g			WEST05MV
2245	220594		TDCT	B CTD 170 36bt1	4400M	WHOI 17 29.89S	153 00.08W	g			WEST05MV
0212	230594		TDCT	E SONI		WHOI 17 29.76S	153 00.16W	g			WEST05MV
0603	230594		TDCT	B CTD 171 36bt1	4605M	WHOI 17 30.04S	153 40.09W	g			WEST05MV
1010	230594		TDCT	E SONI	ADCP	WHOI 17 30.18S	153 40.25W	g			WEST05MV
1402	230594		TDCT	B CTD 172 36bt1	4630M	WHOI 17 30.13S	154 20.04W	g			WEST05MV
1747	230594		TDCT	E CTD 172		WHOI 17 29.87S	154 20.12W	g			WEST05MV
2125	230594		TDCT	B CTD 173 36bt1	4366M	WHOI 17 30.00S	155 00.00W	g			WEST05MV
0124	240594		TDCT	E SONI	ADCP	WHOI 17 30.20S	155 00.20W	g			WEST05MV
0515	240594		TDCT	B CTD 174 36bt1	4790M	WHOI 17 30.00S	155 40.00W	g			WEST05MV
0840	240594		TDCT	E SONI		WHOI 17 29.50S	155 40.00W	g			WEST05MV
1210	240594		TDCT	B CTD 175 36bt1	4766M	WHOI 17 30.00S	156 20.10W	g			WEST05MV
1545	240594		TDCT	E SONI	ADCP	WHOI 17 30.00S	156 20.10W	g			WEST05MV
1915	240594		TDCT	B CTD 176 36bt1	4870M	WHOI 17 30.00S	157 00.00W	g			WEST05MV
2251	240594		TDCT	E SONI		WHOI 17 29.50S	157 00.00W	g			WEST05MV
0234	250594		TDCT	B CTD 177 36bt1	4697M	WHOI 17 30.00S	157 40.00W	g			WEST05MV
0604	250594		TDCT	E SONI		WHOI 17 29.96S	157 40.06W	g			WEST05MV
0950	250594		TDCT	B CTD 178 36bt1	4800M	WHOI 17 30.00S	158 20.00W	g			WEST05MV
1328	250594		TDCT	E SONI		WHOI 17 30.00S	158 19.45W	g			WEST05MV
1723	250594		TDCT	B CTD 179 36bt1	4940M	WHOI 17 30.00S	159 00.00W	g			WEST05MV
2108	250594		TDCT	E SONI	ADCP	WHOI 17 30.00S	159 00.10W	g			WEST05MV
0035	260594		TDCT	B CTD 180 36bt1	5110M	WHOI 17 30.00S	159 40.00W	g			WEST05MV
0428	260594		TDCT	E SONI		WHOI 17 29.50S	159 40.00W	g			WEST05MV
0815	260594		TDCT	B CTD 181 36bt1	4890M	WHOI 17 30.00S	160 20.00W	g			WEST05MV
1205	260594		TDCT	E SONI		WHOI 17 30.10S	160 20.10W	g			WEST05MV
1540	260594		TDCT	B CTD 182 36bt1	4850M	WHOI 17 30.00S	161 00.00W	g			WEST05MV
1920	260594		TDCT	E SONI		WHOI 17 30.00S	161 00.00W	g			WEST05MV
2256	260594		TDCT	B CTD 183 36bt1	4778M	WHOI 17 30.00S	161 40.10W	g			WEST05MV
0305	270594		TDCT	E SONI		WHOI 17 29.40S	161 40.10W	g			WEST05MV
0634	270594		TDCT	B CTD 184 36bt1	4810M	WHOI 17 30.00S	162 20.00W	g			WEST05MV
1010	270594		TDCT	E SONI		WHOI 17 29.40S	162 19.50W	g			WEST05MV

#GMT	DDMMYY	SAMP B	SAMPLE	DISP		p	CRUISE
#TIME	DATE	TZ	CODE E IDENTIFIER	CODE	LATITUDE	LONGITUDE	c LEG-SHIP
1355	270594		TDCT B CTD 185 36bt1	4819M	WHOI 17 30.00S	163 00.00W	g WEST05MV
1728	270594		TDCT E SONI		WHOI 17 30.10S	162 59.50W	g WEST05MV
2105	270594		TDCT B CTD 186 36bt1	5222M	WHOI 17 30.00S	163 40.00W	g WEST05MV
0055	280594		TDCT E SONI		WHOI 17 30.00S	163 40.00W	g WEST05MV
0445	280594		TDCT B CTD 187 36bt1	5493M	WHOI 17 30.00S	164 20.00W	g WEST05MV
0910	280594		TDCT E SONI		WHOI 17 29.50S	164 19.50W	g WEST05MV
1235	280594		TDCT B CTD 188 35bt1	5380M	WHOI 17 30.00S	165 00.00W	g WEST05MV
1645	280594		TDCT E SONI		WHOI 17 30.00S	164 59.40W	g WEST05MV
2019	280594		TDCT B CTD 189 36bt1	5400M	WHOI 17 30.00S	165 40.00W	g WEST05MV
0012	290594		TDCT E SONI		WHOI 17 30.00S	165 39.50W	g WEST05MV
0348	290594		TDCT B CTD 190 36bt1	4799M	WHOI 17 30.00S	166 20.00W	g WEST05MV
0725	290594		TDCT E SONI		WHOI 17 30.00S	166 20.10W	g WEST05MV
1050	290594		TDCT B CTD 191 36bt1	5512M	WHOI 17 30.00S	167 00.00W	g WEST05MV
1510	290594		TDCT E SONI		WHOI 17 30.00S	166 59.50W	g WEST05MV
1840	290594		TDCT B CTD 192 36bt1	5442M	WHOI 17 30.00S	167 40.00W	g WEST05MV
2240	290594		TDCT E SONI	ADCP	WHOI 17 30.00S	167 40.00W	g WEST05MV
0211	300594		TDCT B CTD 193 36bt1	4739M	WHOI 17 30.00S	168 20.00W	g WEST05MV
0542	300594		TDCT E SONI	ADCP	WHOI 17 30.00S	168 20.00W	g WEST05MV
0920	300594		TDCT B CTD 194 36bt1	5330M	WHOI 17 30.00S	169 00.00W	g WEST05MV
1330	300594		TDCT E SONI	ADCP	WHOI 17 30.00S	169 00.00W	g WEST05MV
1655	300594		TDCT B CTD 195 36bt1	4943M	WHOI 17 30.00S	169 40.00W	g WEST05MV
2041	300594		TDCT E SONI	ADCP	WHOI 17 30.00S	169 40.10W	g WEST05MV
0011	310594		TDCT B CTD 196 36bt1	5210M	WHOI 17 30.00S	170 20.00W	g WEST05MV
0401	310594		TDCT E SONI	ADCP	WHOI 17 30.00S	170 20.00W	g WEST05MV
0735	310594		TDCT B CTD 197 36bt1	5085M	WHOI 17 30.00S	171 00.00W	g WEST05MV
1135	310594		TDCT E SONI	ADCP	WHOI 17 30.00S	171 00.10W	g WEST05MV
1520	310594		TDCT B CTD 198 36bt1	4938M	WHOI 17 30.00S	171 40.00W	g WEST05MV
1855	310594		TDCT E SONI	ADCP	WHOI 17 30.10S	171 39.50W	g WEST05MV
2105	310594		TDCT B CTD 199 9bt1	5565M	WHOI 17 30.00S	172 00.00W	g WEST05MV
0125	010694		TDCT E S N	ADCP	WHOI 17 30.00S	172 00.00W	g WEST05MV
0524	010694		TDCT B CTD 200	5900M	WHOI 17 30.00S	172 20.00W	g WEST05MV
0930	010694		TDCT X No Samples		WHOI 17 30.00S	172 19.50W	g WEST05MV
1315	010694		TDCT B CTD 201 36bt1	5088M	WHOI 17 30.00S	172 40.00W	g WEST05MV
1703	010694		TDCT E SONI		WHOI 17 30.10S	172 39.50W	g WEST05MV
1905	010694		TDCT B CTD 202 36bt1	5600M	WHOI 17 30.00S	172 20.00W	g WEST05MV
2259	010694		TDCT E SONI	ADCP	WHOI 17 29.50S	172 20.00W	g WEST05MV
0148	020694		TDCT B CTD 203 36bt1	4304M	WHOI 17 30.00S	172 50.00W	g WEST05MV
0503	020694		TDCT E SONI	ADCP	WHOI 17 30.00S	172 50.10W	g WEST05MV
0643	020694		TDCT B CTD 204 32bt1	2550M	WHOI 17 30.00S	173 00.00W	g WEST05MV
0900	020694		TDCT E SONI	ADCP	WHOI 17 29.50S	173 00.00W	g WEST05MV
1230	020694		TDCT B CTD 205 21bt1	1345M	WHOI 17 30.00S	173 40.00W	g WEST05MV
1400	020694		TDCT E SONI		WHOI 17 30.10S	173 40.30W	g WEST05MV
1731	020694		TDCT B CTD 206 22bt1	1475M	WHOI 17 25.00S	174 20.00W	g WEST05MV
1900	020694		TDCT E SONI	ADCP	WHOI 17 25.10S	174 20.00W	g WEST05MV
2237	020694		TDCT B CTD 207 32bt1	2378M	WHOI 17 30.00S	175 00.00W	g WEST05MV
0047	030694		TDCT E SONI	ADCP	WHOI 17 30.00S	175 00.20W	g WEST05MV
0417	030694		TDCT B CTD 208 25bt1	2132M	WHOI 17 30.00S	175 40.00W	g WEST05MV
0608	030694		TDCT E SONI	ADCP	WHOI 17 30.00S	175 40.30W	g WEST05MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP					p	CRUISE
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0945	030694		TDCT	B CTD 209 26bt1	1930M	WHOI 17 30.00S	176 20.00W			g	WEST05MV
1145	030694		TDCT	E SONI		WHOI 17 30.15S	176 20.10W			g	WEST05MV
1530	030694		TDCT	B CTD 210 27bt1	2394M	WHOI 17 30.00S	177 00.00W			g	WEST05MV
1745	030694		TDCT	E SONI		WHOI 17 30.00S	176 59.50W			g	WEST05MV
2124	030694		TDCT	B CTD 211 25bt1	2219M	WHOI 17 30.10S	177 40.00W			g	WEST05MV
2320	030694		TDCT	E SONI	ADCP	WHOI 17 30.00S	177 40.20W			g	WEST05MV
0252	040694		TDCT	B CTD 212 25bt1	1938M	WHOI 17 45.00S	178 15.00W			g	WEST05MV
0439	040694		TDCT	E SONI	ADCP	WHOI 17 45.10S	178 15.00W			g	WEST05MV
0645	040694		TDCT	B CTD 213 22bt1	970M	WHOI 17 54.00S	178 33.00W			g	WEST05MV
0754	040694		TDCT	E SONI	ADCP	WHOI 17 53.50S	178 33.00W			g	WEST05MV
0225	050694		TDCT	B CTD 214 19bt1	938M	WHOI 18 10.00S	179 10.00W			g	WEST05MV
0327	050694		TDCT	E SONI		WHOI 18 10.00S	179 10.00W			g	WEST05MV
0712	050694		TDCT	B CTD 215 26bt1	2945M	WHOI 18 25.00S	179 40.00W			g	WEST05MV
0950	050694		TDCT	E SONI	ADCP	WHOI 18 24.45S	179 40.10W			g	WEST05MV
1340	050694		TDCT	B CTD 216 28bt1	3185M	WHOI 18 25.00S	179 40.00W			g	WEST05MV
1630	050694		TDCT	E SONI		WHOI 18 25.10S	179 40.00W			g	WEST05MV
2020	050694		TDCT	B CTD 217 24bt1	2242M	WHOI 18 25.00S	179 10.00E			g	WEST05MV
2220	050694		TDCT	E SONI	ADCP	WHOI 18 25.00S	179 00.00E			g	WEST05MV
0210	060694		TDCT	B CTD 218 25bt1	2038M	WHOI 18 25.00S	178 20.00E			g	WEST05MV
0351	060694		TDCT	E SONI		WHOI 18 24.50S	178 20.00E			g	WEST05MV
0502	060694		TDCT	B CTD 918 24bt1	1472M	WHOI 18 25.00S	178 13.40E			g	WEST05MV
0630	060694		TDCT	E SONI	ADCP	WHOI 18 25.00S	178 13.40E			g	WEST05MV
0752	060694		TDCT	B CTD 219 23bt1	2150M	WHOI 18 30.00S	178 14.00E			g	WEST05MV
0955	060694		TDCT	E SONI		WHOI 18 30.00S	178 14.00E			g	WEST05MV
1150	060694		TDCT	B CTD 220 23bt1	2145M	WHOI 18 45.00S	178 04.00E			g	WEST05MV
1350	060694		TDCT	E SONI		WHOI 18 44.40S	178 04.10E			g	WEST05MV
1520	060694		TDCT	B CTD 221 23bt1	1908M	WHOI 18 45.00S	177 50.00E			g	WEST05MV
1704	060694		TDCT	E SONI		WHOI 18 45.00S	177 50.00E			g	WEST05MV
2025	060694		TDCT	B CTD 222 26bt1	2437M	WHOI 18 35.00S	177 15.00E			g	WEST05MV
2230	060694		TDCT	E SONI	ADCP	WHOI 18 35.00S	177 14.40E			g	WEST05MV
0151	070694		TDCT	B CTD 223 26bt1	2204M	WHOI 18 02.01S	177 00.00E			g	WEST05MV
0344	070694		TDCT	E SON	ADCP	WHOI 18 01.50S	176 59.50E			g	WEST05MV
0500	070694		TDCT	B CTD 224 23bt1	1316M	WHOI 17 50.00S	177 00.00E			g	WEST05MV
0623	070694		TDCT	E SONI	ADCP	WHOI 17 50.00S	176 59.40E			g	WEST05MV
1000	070694		TDCT	B CTD 225 25bt1	3110M	WHOI 17 50.00S	176 20.00E			g	WEST05MV
1235	070694		TDCT	E SONI		WHOI 17 49.50S	176 20.00E			g	WEST05MV
1615	070694		TDCT	B CTD 226 24bt1	2054M	WHOI 17 50.00S	175 40.00E			g	WEST05MV
1805	070694		TDCT	E SONI	ADCP	WHOI 17 50.20S	175 40.10E			g	WEST05MV
2147	070694		TDCT	B CTD 227 24bt1	2090M	WHOI 17 50.00S	175 00.00E			g	WEST05MV
2341	070694		TDCT	E SONI	ADCP	WHOI 17 50.10S	175 00.00E			g	WEST05MV
0320	080694		TDCT	B CTD 228 29bt1	2752M	WHOI 17 50.00S	174 20.00E			g	WEST05MV
0541	080694		TDCT	E SONI	ADCP	WHOI 17 50.00S	174 20.00E			g	WEST05MV
0920	080694		TDCT	B CTD 229 23bt1	2721M	WHOI 17 50.00S	173 40.00E			g	WEST05MV
1145	080694		TDCT	E SONI		WHOI 17 50.10S	173 39.45E			g	WEST05MV

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1530	080694		TDCT	B CTD 230 29bt1	2935M	WHOI 17 50.00S	173 00.00E			g	WEST05MV
1758	080694		TDCT	E SONI		WHOI 17 49.50S	173 00.00E			g	WEST05MV
2149	080694		TDCT	B CTD 231 28bt1	2940M	WHOI 17 50.00S	172 20.00E			g	WEST05MV
0012	090694		TDCT	E SONI		WHOI 17 50.00S	172 19.50E			g	WEST05MV
0356	090694		TDCT	B CTD 232 36bt1	2730M	WHOI 17 50.00S	171 40.00E			g	WEST05MV
0613	090694		TDCT	E SONI		WHOI 17 50.20S	171 39.50E			g	WEST05MV
0950	090694		TDCT	B CTD 233 23bt1	2800M	WHOI 17 50.00S	171 00.00E			g	WEST05MV
1215	090694		TDCT	E SONI		WHOI 17 50.10S	171 00.00E			g	WEST05MV
1615	090694		TDCT	B CTD 234 27bt1	2590M	WHOI 17 50.00S	170 20.00E			g	WEST05MV
1832	090694		TDCT	E SONI		WHOI 17 50.00S	170 19.50E			g	WEST05MV
2116	090694		TDCT	B CTD 235 24bt1	2138M	WHOI 17 50.00S	169 50.00E			g	WEST05MV
2310	090694		TDCT	E SONI		WHOI 17 50.00S	169 50.00E			g	WEST05MV
0155	100694		TDCT	B CTD 236 36bt1	2634M	WHOI 17 50.00S	169 20.00E			g	WEST05MV
0414	100694		TDCT	E SONI		WHOI 17 49.50S	169 20.00E			g	WEST05MV
0555	100694		TDCT	B CTD 237 25bt1	1985M	WHOI 17 57.00S	169 05.00E			g	WEST05MV
0738	100694		TDCT	E SONI		WHOI 17 57.00S	169 04.50E			g	WEST05MV
0910	100694		TDCT	B CTD 238 16bt1	980M	WHOI 18 03.00S	168 50.00E			g	WEST05MV
1025	100694		TDCT	E SONI		WHOI 18 03.00S	168 49.50E			g	WEST05MV
1205	100694		TDCT	B CTD 239 15bt1	839M	WHOI 18 09.00S	168 36.00E			g	WEST05MV
1305	100694		TDCT	E SONI	ADCP	WHOI 18 09.00S	168 35.50E			g	WEST05MV
1500	100694		TDCT	B CTD 240 16bt1	975M	WHOI 18 15.00S	168 22.00E			g	WEST05MV
1615	100694		TDCT	E SONI	ADCP	WHOI 18 15.10S	168 21.45E			g	WEST05MV
1730	100694		TDCT	B CTD 241 25bt1	2195M	WHOI 18 17.50S	168 13.00E			g	WEST05MV
1936	100694		TDCT	E SONI	ADCP	WHOI 18 18.10S	168 13.00E			g	WEST05MV
2100	100694		TDCT	B CTD 242 36bt1	3132M	WHOI 18 20.00S	168 09.00E			g	WEST05MV
2345	100694		TDCT	E SONI	ADCP	WHOI 18 20.00S	168 08.50E			g	WEST05MV
0103	110694		TDCT	B CTD 243 36bt1	4078M	WHOI 18 22.10S	168 03.10E			g	WEST05MV
0414	110694		TDCT	E SONI	ADCP	WHOI 18 22.10S	168 03.10E			g	WEST05MV
0640	110694		TDCT	B CTD 244 36bt1	4949M	WHOI 18 29.30S	167 48.00E			g	WEST05MV
1030	110694		TDCT	E SONI	ADCP	WHOI 18 29.45S	167 47.45E			g	WEST05MV
1215	110694		TDCT	B CTD 245 32bt1	4487M	WHOI 18 34.50S	167 34.50E			g	WEST05MV
1625	110694		TDCT	E SONI	ADCP	WHOI 18 34.45S	167 34.50E			g	WEST05MV
1820	110694		TDCT	B CTD 246 36bt1	4820M	WHOI 18 42.00S	167 19.00E			g	WEST05MV
2155	110694		TDCT	E SON	ADCP	WHOI 18 42.00S	167 19.00E			g	WEST05MV
0100	120694		TDCT	B CTD 247 36bt1	4440M	WHOI 18 55.00S	166 48.10E			g	WEST05MV
0427	120694		TDCT	E SONI	ADCP	WHOI 18 55.00S	166 48.10E			g	WEST05MV
0731	120694		TDCT	B CTD 248 36bt1	4002M	WHOI 19 08.00S	166 18.00E			g	WEST05MV
1050	120694		TDCT	E SONI		WHOI 19 08.15S	166 18.00E			g	WEST05MV
1420	120694		TDCT	B CTD 249 24bt1	2454M	WHOI 19 23.00S	165 42.00E			g	WEST05MV
1630	120694		TDCT	E SONI		WHOI 19 22.50S	165 42.30E			g	WEST05MV
1817	120694		TDCT	B CTD 250 22bt1	1705M	WHOI 19 29.00S	165 29.00E			g	WEST05MV
1955	120694		TDCT	E SONI	ADCP	WHOI 19 29.00S	165 28.50E			g	WEST05MV

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2200	120694		TDCT	B CTD 251 26bt1	2413M	WHOI 19 35.00S	165 14.50E	g	WEST05MV		
0005	130694		TDCT	E SONI	ADCP	WHOI 19 35.00S	165 14.50E	g	WEST05MV		
0200	130694		TDCT	B CTD 252 36bt1	3247M	WHOI 19 43.00S	164 56.00E	g	WEST05MV		
0435	130694		TDCT	E SONI		WHOI 19 43.00S	164 55.30E	g	WEST05MV		
0658	130694		TDCT	B CTD 253 36bt1	3140M	WHOI 19 50.00S	164 39.50E	g	WEST05MV		
0945	130694		TDCT	E SONI		WHOI 19 49.45S	164 39.40E	g	WEST05MV		
1125	130694		TDCT	B CTD 254 25bt1	2560M	WHOI 19 54.50S	164 28.00E	g	WEST05MV		
1340	130694		TDCT	E SONI	ADCP	WHOI 19 54.50S	164 27.40E	g	WEST05MV		
1920	130694		TDCT	B CTD 255 20bt1	917M	WHOI 19 56.40S	164 21.10E	g	WEST05MV		
2025	130694		TDCT	E SONI	ADCP	WHOI 19 56.40S	164 21.10E	g	WEST05MV		
0328	140694		TDCT	B CTD 256 20bt1	1027M	WHOI 19 07.50S	163 45.30E	g	WEST05MV		
0435	140694		TDCT	E SONI	ADCP	WHOI 19 07.50S	163 45.30E	g	WEST05MV		
0633	140694		TDCT	B CTD 257 36bt1	2675M	WHOI 19 06.00S	163 48.00E	g	WEST05MV		
0845	140694		TDCT	E SONI	ADCP	WHOI 19 05.50S	163 47.50E	g	WEST05MV		
1050	140694		TDCT	B CTD 258 28bt1	3177M	WHOI 19 00.50S	163 54.00E	g	WEST05MV		
1340	140694		TDCT	E SONI	ADCP	WHOI 19 00.50S	163 53.30E	g	WEST05MV		
1500	140694		TDCT	B CTD 259 31bt1	3497M	WHOI 18 55.00S	164 00.00E	g	WEST05MV		
1750	140694		TDCT	E SONI	ADCP	WHOI 18 55.00S	164 00.00E	g	WEST05MV		
1408	150694		TDCT	B CTD 260 29bt1	3412M	WHOI 20 56.00S	164 11.00E	g	WEST05MV		
1655	150694		TDCT	E SONI	ADCP	WHOI 20 56.00S	164 10.50E	g	WEST05MV		
1930	150694		TDCT	B CTD 261 20bt1	960M	WHOI 20 52.50S	164 18.40E	g	WEST05MV		
2039	150694		TDCT	E SONI	ADCP	WHOI 20 53.00S	164 18.40E	g	WEST05MV		
0000	160694		TDCT	B CTD 262 36bt1	3562M	WHOI 21 07.00S	163 43.00E	g	WEST05MV		
0248	160694		TDCT	E SONI	ADCP	WHOI 21 07.00S	163 43.00E	g	WEST05MV		
0535	160694		TDCT	B CTD 263 36bt1	3557M	WHOI 21 18.00S	163 14.50E	g	WEST05MV		
0819	160694		TDCT	E SONI	ADCP	WHOI 21 17.50S	163 14.40E	g	WEST05MV		
1100	160694		TDCT	B CTD 264 20bt1	1545M	WHOI 21 29.00S	162 46.00E	g	WEST05MV		
1235	160694		TDCT	E SONI	ADCP	WHOI 21 29.00S	162 46.00E	g	WEST05MV		
1415	160694		TDCT	B CTD 265 15bt1	749M	WHOI 21 36.00S	162 30.00E	g	WEST05MV		
1520	160694		TDCT	E SONI	ADCP	WHOI 21 36.00S	162 29.50E	g	WEST05MV		
1721	160694		TDCT	B CTD 266 22bt1	1647M	WHOI 21 43.10S	162 11.00E	g	WEST05MV		
1854	160694		TDCT	E SONI	ADCP	WHOI 21 42.50S	162 10.50E	g	WEST05MV		
2230	160694		TDCT	B CTD 267 22bt1	1608M	WHOI 21 58.00S	161 33.00E	g	WEST05MV		
0001	170694		TDCT	E SONI		WHOI 21 58.00S	161 33.00E	g	WEST05MV		
0333	170694		TDCT	B CTD 268 24bt1	1542M	WHOI 22 13.00S	160 55.00E	g	WEST05MV		
0502	170694		TDCT	E SONI	ADCP	WHOI 22 13.10S	160 54.50E	g	WEST05MV		
0827	170694		TDCT	B CTD 269 25bt1	2165M	WHOI 22 28.00S	160 17.00E	g	WEST05MV		
1025	170694		TDCT	E SONI	ADCP	WHOI 22 27.45S	160 16.30E	g	WEST05MV		
1220	170694		TDCT	B CTD 270 27bt1	2226M	WHOI 22 36.00S	159 57.00E	g	WEST05MV		
1425	170694		TDCT	E SONI	ADCP	WHOI 22 36.00S	159 57.00E	g	WEST05MV		
1620	170694		TDCT	B CTD 271 21bt1	1440M	WHOI 22 43.00S	159 39.00E	g	WEST05MV		
1745	170694		TDCT	E SONI	ADCP	WHOI 22 42.50S	159 38.50E	g	WEST05MV		
1945	170694		TDCT	B CTD 272 8bt1	290M	WHOI 22 50.10S	159 21.00E	g	WEST05MV		
2015	170694		TDCT	E SONI	ADCP	WHOI 22 50.00S	159 21.00E	g	WEST05MV		
2215	170694		TDCT	B CTD 273 26bt1	2508M	WHOI 22 57.10S	159 03.00E	g	WEST05MV		
0025	180694		TDCT	E SONI	ADCP	WHOI 22 57.20S	159 03.20E	g	WEST05MV		
0305	180694		TDCT	B CTD 274 36bt1	2522M	WHOI 23 08.00S	158 35.00E	g	WEST05MV		
0517	180694		TDCT	E SONI	ADCP	WHOI 23 07.50S	158 35.20E	g	WEST05MV		

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0806	180694		TDCT	B CTD 275 28bt1	2428M	WHOI 23 19.00S	158 07.00E			g	WEST05MV
1020	180694		TDCT	E SONI	ADCP	WHOI 23 19.10S	158 07.10E			g	WEST05MV
1300	180694		TDCT	B CTD 276 25bt1	2135M	WHOI 23 30.00S	157 39.00E			g	WEST05MV
1500	180694		TDCT	E SONI		WHOI 23 30.00S	157 38.50E			g	WEST05MV
1740	180694		TDCT	B CTD 277 25bt1	2187M	WHOI 23 41.00S	157 11.00E			g	WEST05MV
1940	180694		TDCT	E SONI		WHOI 23 41.10S	157 11.10E			g	WEST05MV
2218	180694		TDCT	B CTD 278 25bt1	2206M	WHOI 23 52.00S	156 43.00E			g	WEST05MV
0015	190694		TDCT	E SON		WHOI 23 51.50S	156 43.00E			g	WEST05MV
0302	190694		TDCT	B CTD 279 30bt1	1993M	WHOI 24 02.50S	156 15.00E			g	WEST05MV
0452	190694		TDCT	E SONI	ADCP	WHOI 24 02.30S	156 15.00E			g	WEST05MV
0738	190694		TDCT	B CTD 280 36bt1	3867M	WHOI 24 14.00S	155 47.40E			g	WEST05MV
1045	190694		TDCT	E SONI	ADCP	WHOI 24 14.00S	155 47.30E			g	WEST05MV
1530	190694		TDCT	B CTD 281 36bt1	4080M	WHOI 24 21.00S	155 30.00E			g	WEST05MV
1847	190694		TDCT	E SONI	ADCP	WHOI 24 21.00S	155 30.00E			g	WEST05MV
2155	190694		TDCT	B CTD 282 36bt1	4368M	WHOI 24 32.30S	154 47.40E			g	WEST05MV
0117	200694		TDCT	E SONI	ADCP	WHOI 24 32.20S	154 47.40E			g	WEST05MV
0432	200694		TDCT	B CTD 283 36bt1	4133M	WHOI 24 46.00S	154 23.00E			g	WEST05MV
0750	200694		TDCT	E SONI	ADCP	WHOI 24 46.20S	154 23.00E			g	WEST05MV
0945	200694		TDCT	B CTD 284 36bt1	4136M	WHOI 24 46.00S	154 23.00E			g	WEST05MV
1325	200694		TDCT	E SON	ADCP	WHOI 24 46.00S	154 23.00E			g	WEST05MV
1555	200694		TDCT	B CTD 285 36bt1	3840M	WHOI 24 52.45S	154 03.00E			g	WEST05MV
1908	200694		TDCT	E SONI	ADCP	WHOI 24 53.10S	154 03.20E			g	WEST05MV
2145	200694		TDCT	B CTD 286 36bt1	3317M	WHOI 24 57.20S	153 52.00E			g	WEST05MV
0030	210694		TDCT	E SONI	ADCP	WHOI 24 57.20S	153 52.10E			g	WEST05MV
0205	210694		TDCT	B CTD 287 24bt1	978M	WHOI 25 00.00S	153 44.30E			g	WEST05MV
0318	210694		TDCT	E SONI	ADCP	WHOI 25 00.20S	153 44.50E			g	WEST05MV
0429	210694		TDCT	B CTD 288 12bt1	192M	WHOI 25 02.00S	153 39.00E			g	WEST05MV
0456	210694		TDCT	E SONI	ADCP	WHOI 25 02.00S	153 39.10E			g	WEST05MV
1305	210694		TDCT	B CTD 289 36bt1	4150M	WHOI 25 05.50S	154 31.00E			g	WEST05MV
1635	210694		TDCT	E SONI	ADCP	WHOI 25 06.00S	154 31.00E			g	WEST05MV
1845	210694		TDCT	B CTD 290 36bt1	4640M	WHOI 25 27.00S	154 40.00E			g	WEST05MV
2220	210694		TDCT	E SONI	ADCP	WHOI 25 27.10S	154 40.00E			g	WEST05MV
0007	220694		TDCT	B CTD 291 36bt1	4488M	WHOI 25 33.00S	154 24.00E			g	WEST05MV
0340	220694		TDCT	E SONI	ADCP	WHOI 25 33.10S	154 26.00E			g	WEST05MV
0536	220694		TDCT	B CTD 292 36bt1	2813M	WHOI 25 40.20S	154 05.00E			g	WEST05MV
0800	220694		TDCT	E SONI	ADCP	WHOI 25 41.00S	154 05.00E			g	WEST05MV
0929	220694		TDCT	B CTD 293 23bt1	1430M	WHOI 25 43.00S	153 58.00E			g	WEST05MV
1110	220694		TDCT	E SONI	ADCP	WHOI 25 43.30S	153 58.00E			g	WEST05MV
1245	220694		TDCT	B CTD 294 11bt1	207M	WHOI 25 45.40S	153 50.45E			g	WEST05MV
1345	220694		TDCT	E SONI	ADCP	WHOI 25 45.35S	153 50.55E			g	WEST05MV
1430	220694		TDCT	B CTD Sta 401-406		WHOI 25 42.20S	154 00.20E			g	WEST05MV
2057	220694		TDCT	E 15bt1 SON	ADCP	WHOI 25 42.50S	154 00.30E			g	WEST05MV
2215	220694		TDCT	B CTD Sta 411-417		WHOI 25 42.20S	154 30.00E			g	WEST05MV
0539	230694		TDCT	E 16bt1 SON	ADCP	WHOI 25 42.30S	154 30.00E			g	WEST05MV
0708	230694		TDCT	B CTD Sta 421-426		WHOI 25 42.30S	154 30.00E			g	WEST05MV
1035	230694		TDCT	E 16bt1 SON	ADCP	WHOI 25 42.30S	154 30.00E			g	WEST05MV
1122	230694		TDCT	B CTD Sta 431-434		WHOI 25 42.30S	154 30.00E			g	WEST05MV
1545	230694		TDCT	E 11bt1 SON	ADCP	WHOI 25 42.30S	154 30.00E			g	WEST05MV

# End Sample Index

WEST05MV