

*REPORT AND INDEX OF
UNDERWAY MARINE GEOPHYSICAL DATA*

AVON EXPEDITION

LEG 7

(AVON07MV)

R/V Melville

(Issued August 1999)

Ports:

Honolulu, Hawaii (24 May 1999)

to

Honolulu, Hawaii (15 June 1999)

Co-Chief Scientists:

Ellen Druffel - University of California Irvine
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Daniel Repeta - Woods Hole Oceanographic Inst.
drepeta@whoi.edu

James Bauer - Virginia Inst. of Marine Sciences

Computer Technician - Jim Charters

Resident Marine Tech - Ron Comer

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

GDC Cruise I.D.# 284

**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.

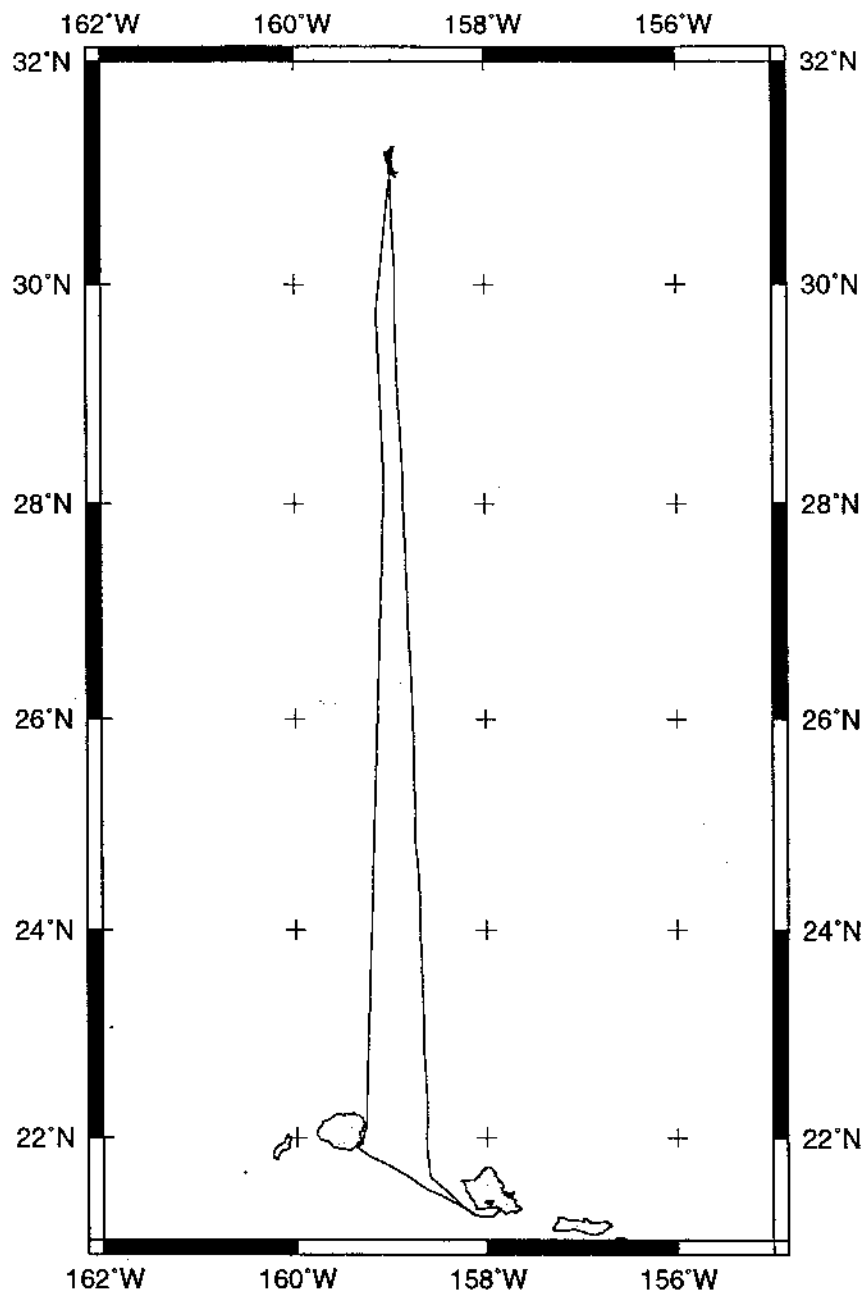
Track Charts - annotated with dates and hour ticks.

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 collected on the leg.

NOTE: One or more of the underway data types may not be collected on a given 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)534-6500, Internet email: ssmith@ucsd.edu

1. Files via ftp or on 8mm (Exabyte) and 4mm (DAT) magnetic tape:
 - a) Separate time series ASCII files of navigation, single beam depth, gravity and magnetics.
 - b) Above data in a single merged ASCII file in the MGD77 Exchange Format.
 - c) SeaBeam depth data (binary, Sun byte order)
 - d) SeaBeam Sidescan data.
2. Microfilm (35 mm flowfilm) or hard copies of:
 - a) Underway watch log book.
 - b) SeaBeam vertical beam profile/Sidescan records.
 - c) 3.5 kHz and 12 kHz echosounder records.
 - d) Seismic reflection profiler records.
3. Navigation listing with times and positions of fixes and course and speed changes.
4. Custom plots in Mercator projection:
 - a) Track plots.
 - b) SeaBeam depth contour plots.
 - c) Depth, magnetic or gravity values printed or profiled along track.



AVON EXPEDITION LEG 7 (AVON07MV)

CO-CHIEF SCIENTISTS: Ellen Druffel, U.C.I.;

Daniel Repeta, WHOI; James Bauer, V.I.M.S.

PORTS: Honolulu - Honolulu, Hawaii

DATES: 24 May - 15 June 1999

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise - 1731 miles

Magnetics - 580 miles

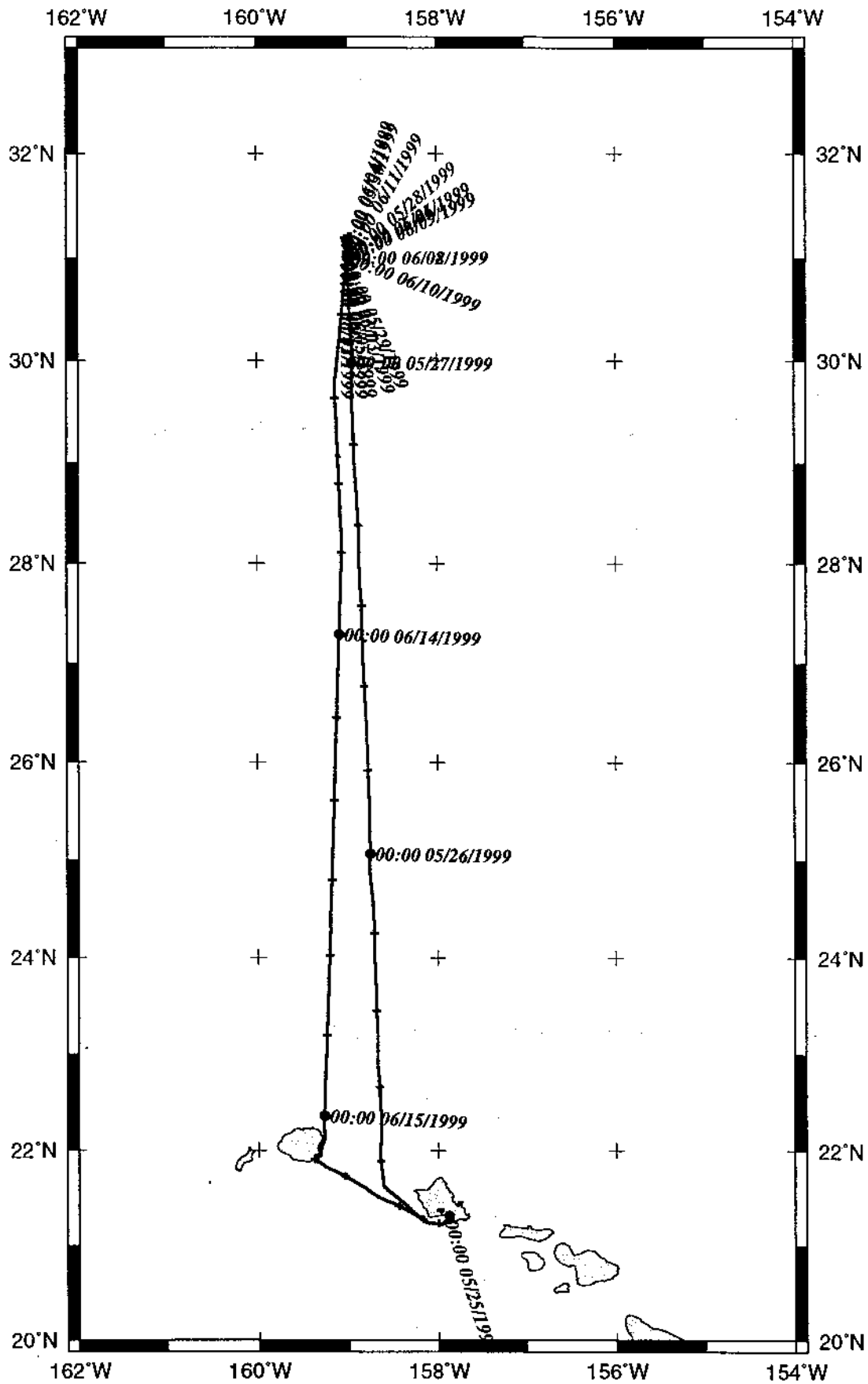
Bathymetry - 1250 miles

Seismic Reflection - none collected

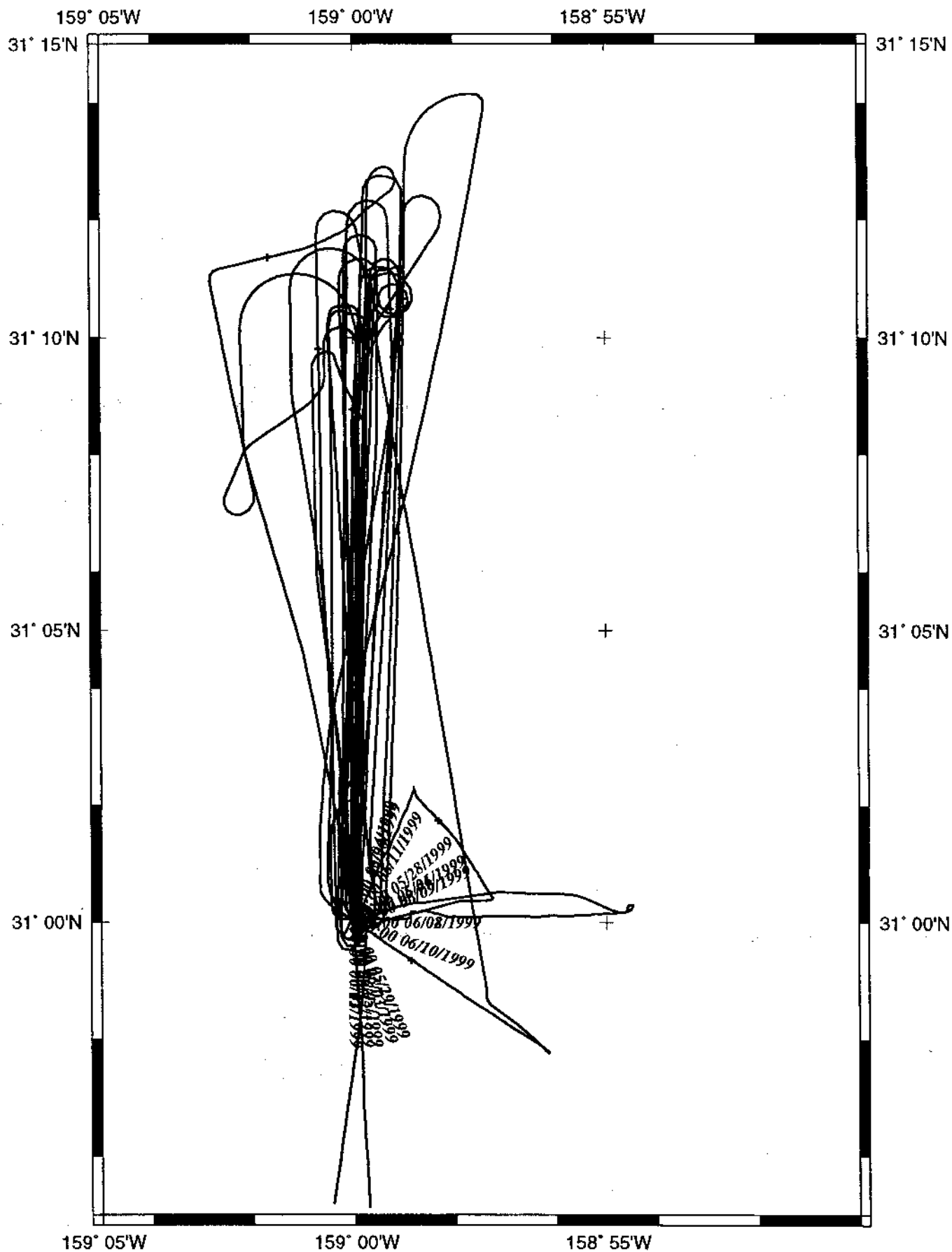
Sea Beam - 1250 miles

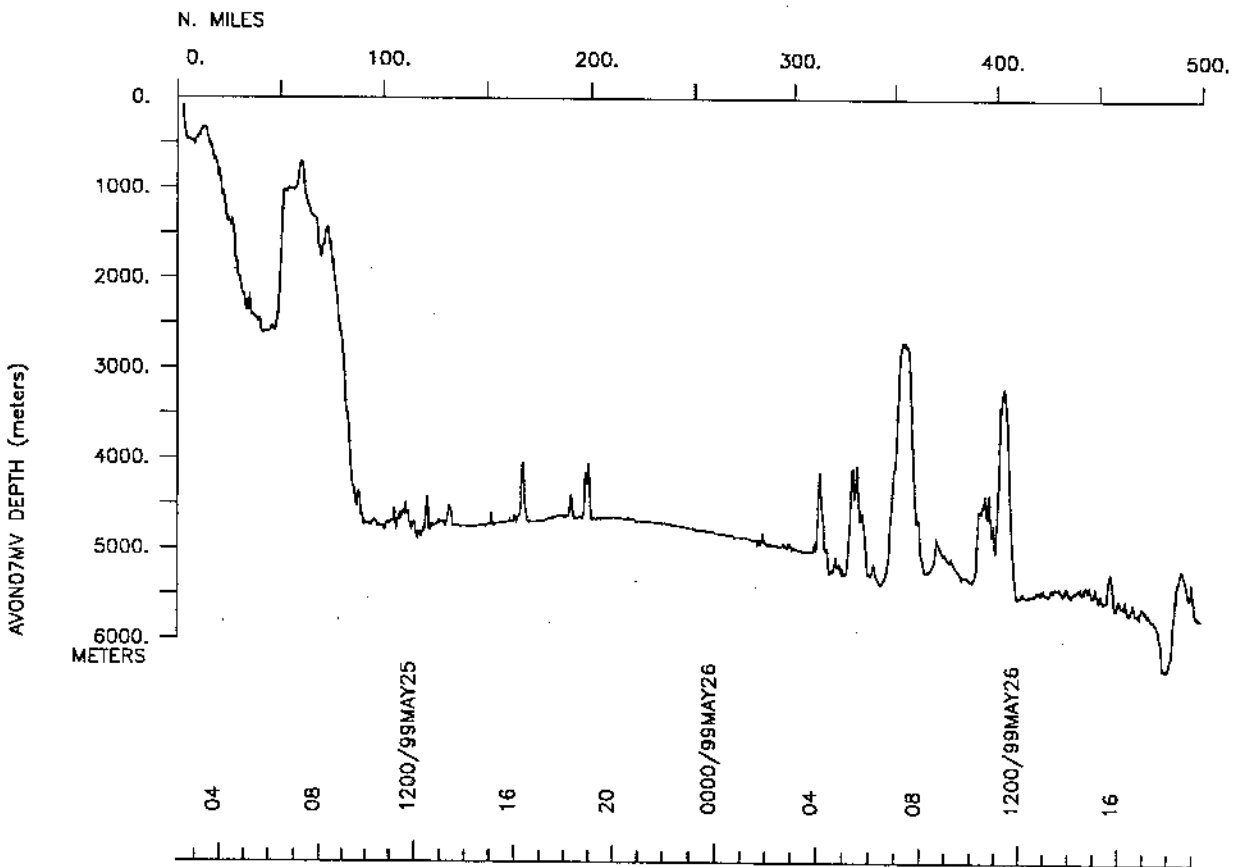
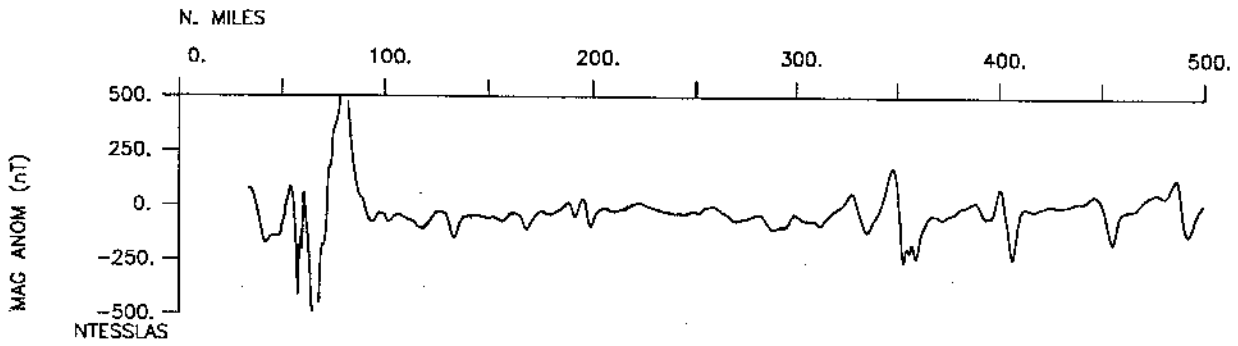
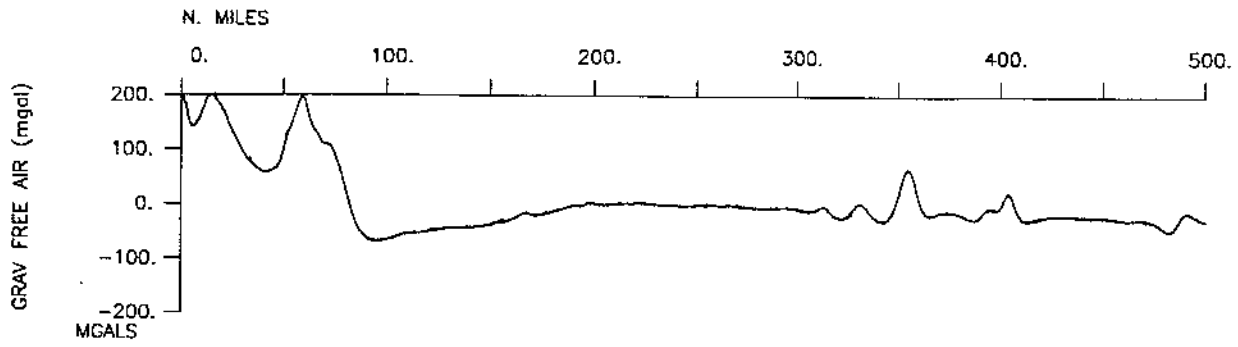
Gravity - 1690 miles

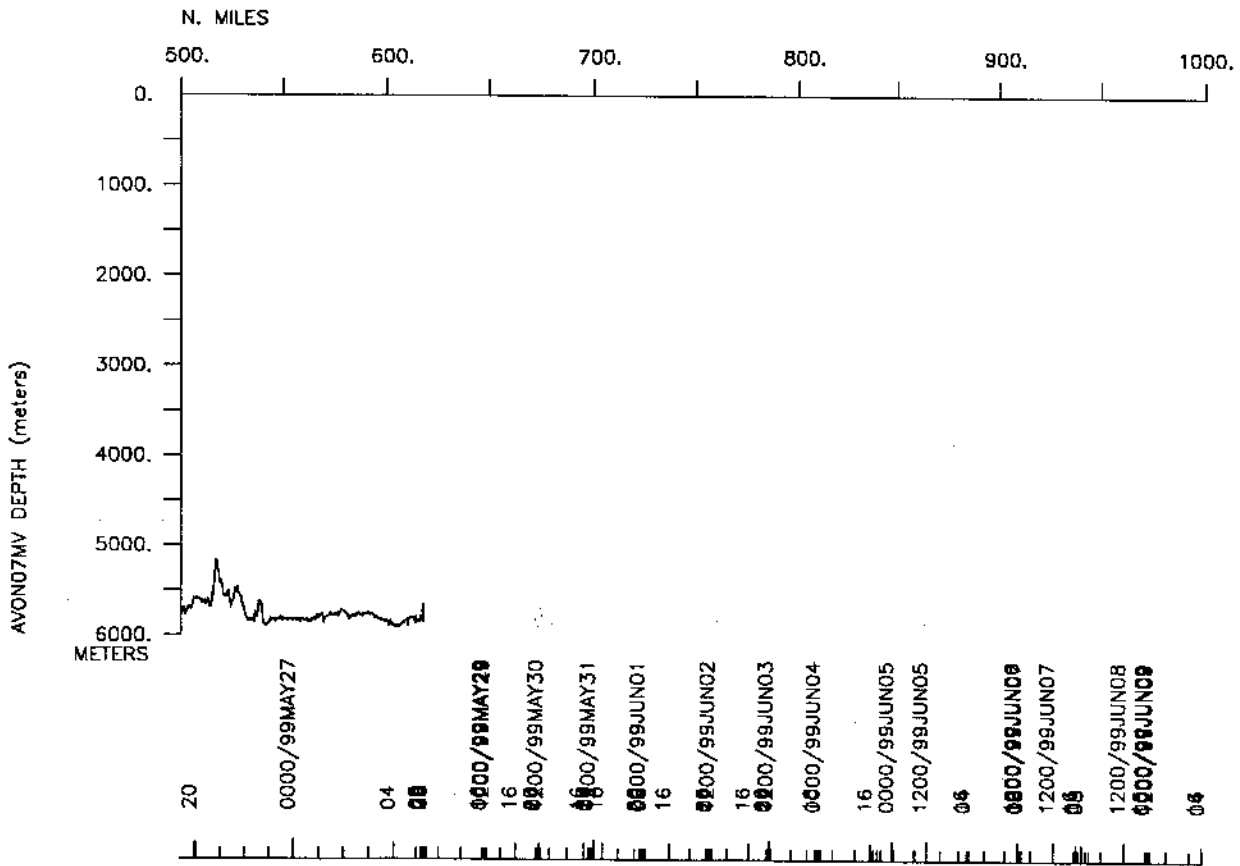
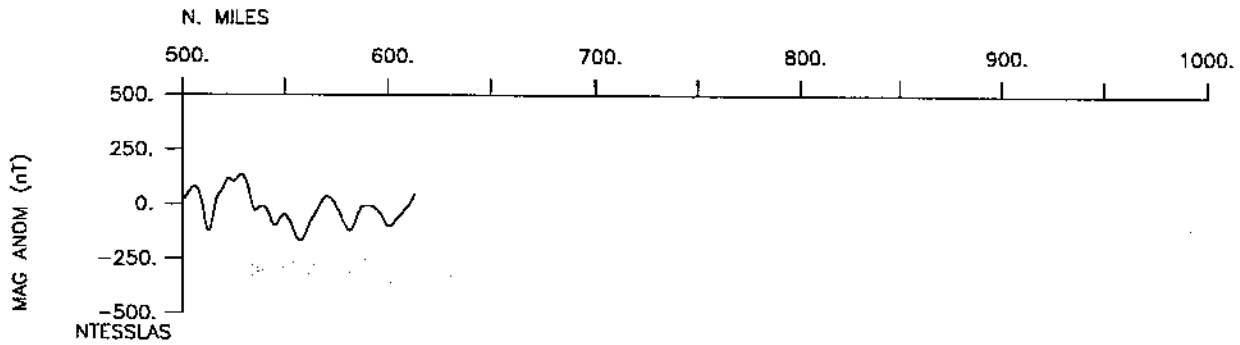
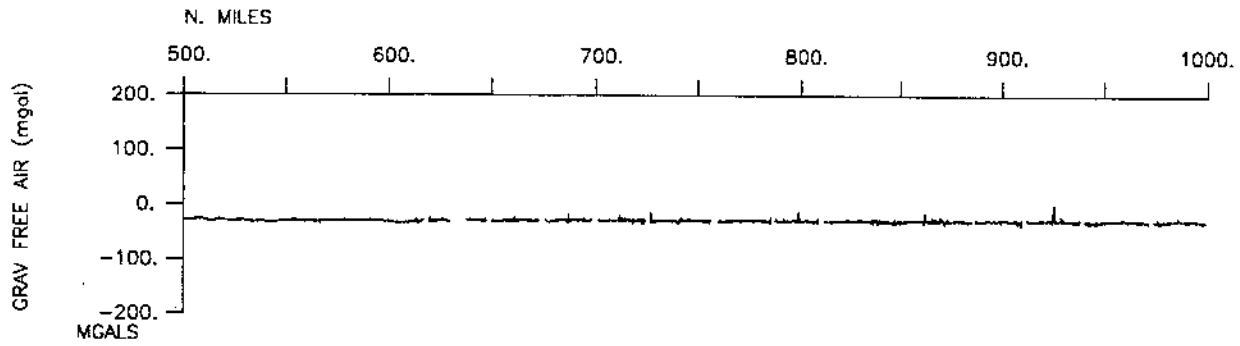
AVON Leg 7 Track

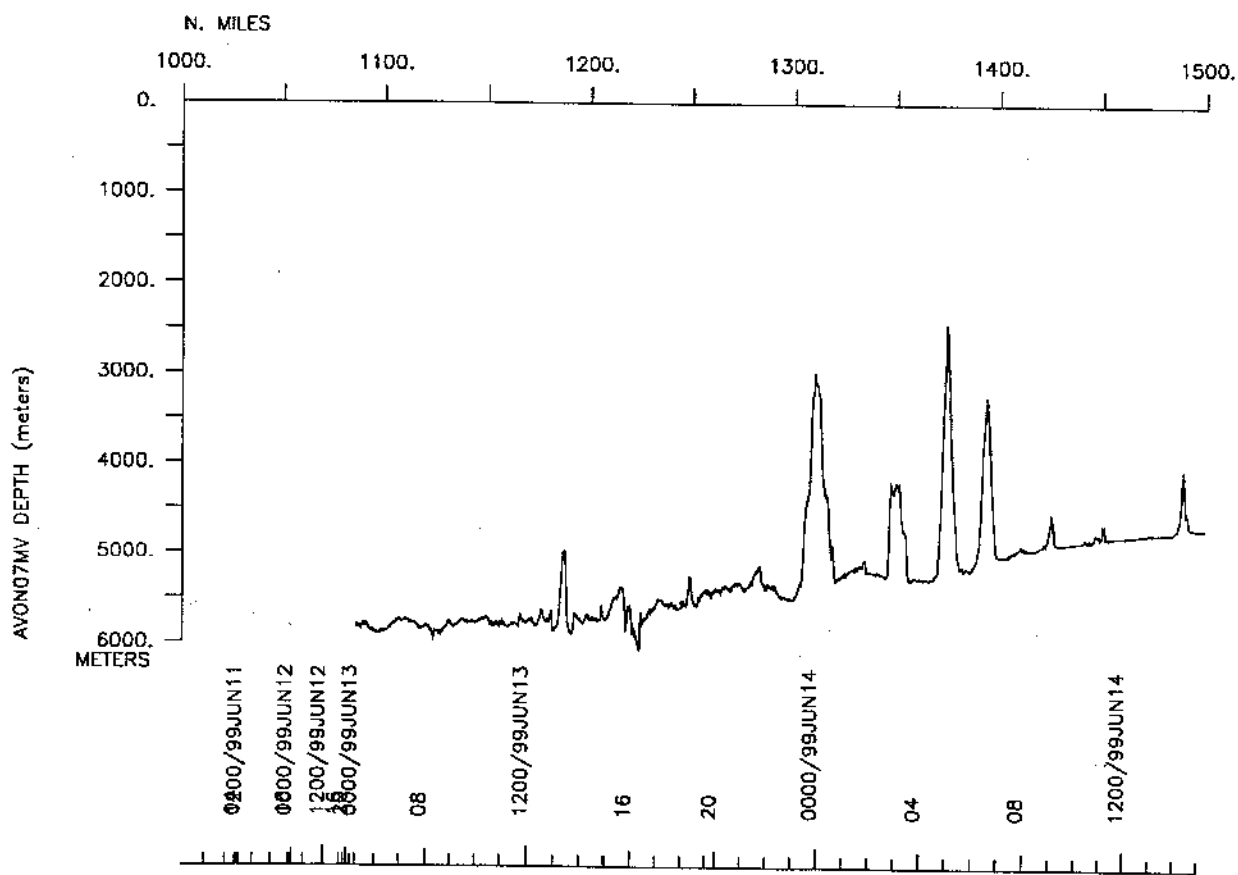
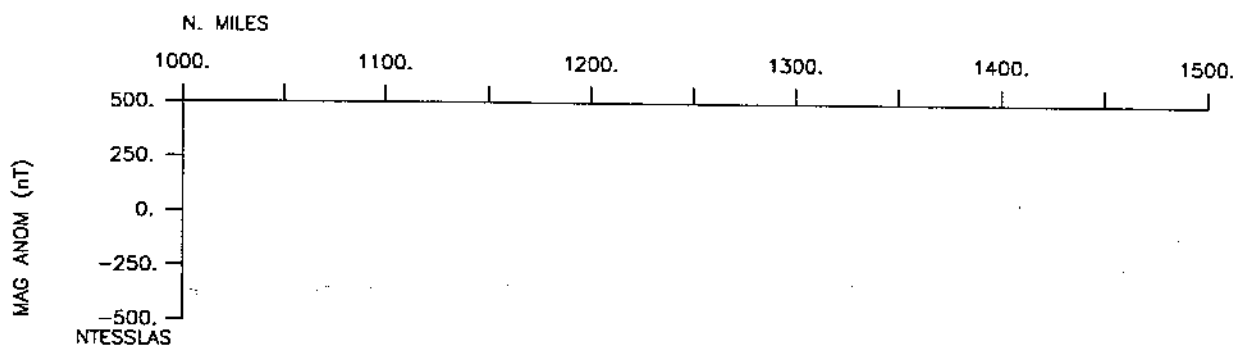


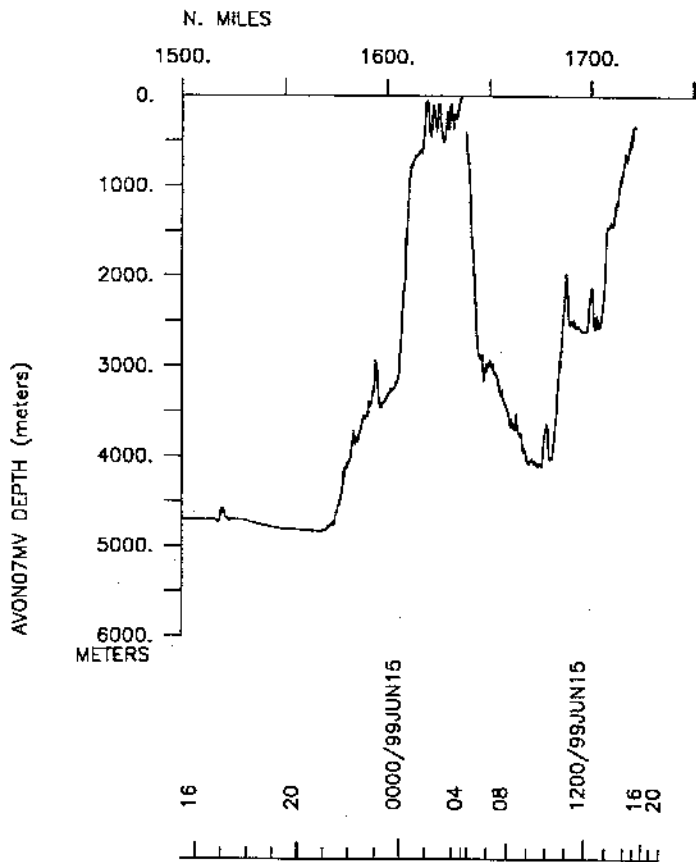
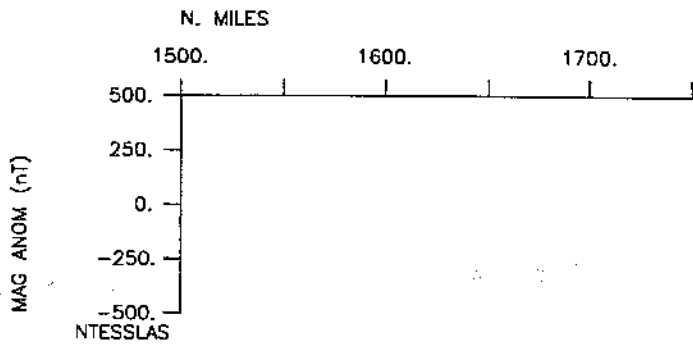
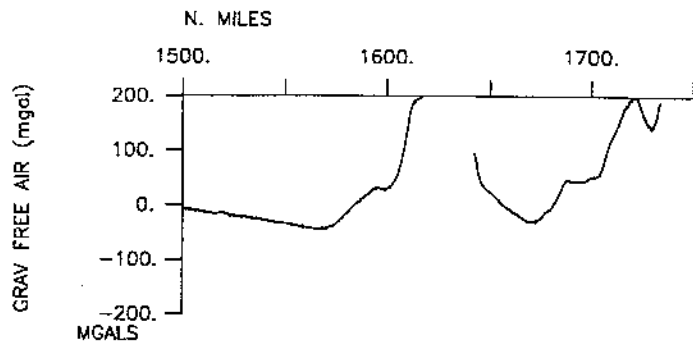
AVON07MV Survey











S.I.O. SAMPLE INDEX

AVON EXPEDITION

LEG 7

(AVON07MV)

R/V Melville

(Issued August 1999)

Ports:

Honolulu, Hawaii (24 May 1999)

to

Honolulu, Hawaii (15 June 1999)

Chief Scientists:

Ellen Druffel, University of California Irvine

Daniel Repeta, Woods Hole Oceanographic Inst.

James Bauer, Virginia Inst. of Marine Sciences

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.# 284

**** Ports ***

0157	250599	LGPT B Honolulu, Hawaii	GDC	21-18.00N 157-52.00W	f	AVON07MV
1745	150699	LGPT E Honolulu, Hawaii	GDC	21-18.00N 157-52.00W	f	AVON07MV

**** Personnel ***

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
PECS UCI	Druffel, Dr.E.	Chief Scientist	U. C. Irvine	AVON07MV
PECS SIX	Bauer, Dr.J.	CoChief Scientist	Va.Inst.of Mar.Sci.	AVON07MV
PECS WHOI	Repeta, Dr.D.	CoChief Scientist	Woods Hole Ocean.In.	AVON07MV
PESP SIX	Bronk, Dr.D.	Scientist	U. of Georgia	AVON07MV
PESP TAMU	Campbell, Dr.L.	Scientist	Texas A & M U.	AVON07MV
PESP WHOI	Aluwihare, Dr.L.	Scientist	Woods Hole Ocean.In.	AVON07MV
PESP WHOI	PantoJa, Dr.S.	Scientist	Woods Hole Ocean.In.	AVON07MV
PESP WHOI	Gogou, Dr.A.	Scientist	Woods Hole Ocean.In.	AVON07MV
PEXN FNC	Ocampo, Dr.R.	Scientist	CRNS France	AVON07MV
PESP UCI	Grottoli, Dr.A	Scientist	U. C. Irvine	AVON07MV
PERT STS	Comer, R.L.	Resident Tech.	Scripps Institution	AVON07MV
PECT STS	Charters, J.	Computer Tech.	Scripps Institution	AVON07MV
PESP UCI	Griffin, S.	Specialist	U. C. Irvine	AVON07MV
PESP SIX	Bailey, E.	Technician	Col.of William&Mary	AVON07MV
PESP SIX	Sanderson, M	Technician	U. of Georgia	AVON07MV
PEST UCI	Masiello, C.	Grad. Student	U. C. Irvine	AVON07MV
PEST SIX	Loh, A.N.	Grad. Student	Col.of William&Mary	AVON07MV

**** 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 - S.M. Smith/Geological Data Center, ext. 42752 ****

**** Log Books ***

0157	250599	0	LBUW	B	Underway Watch Log	GDC	21-18.88N	157-52.66W	g	AVON07MV
1745	150699	0	LBUW	E	Underway Watch Log	GDC	21-16.75N	157-53.06W	g	AVON07MV

**** Sea Beam Records (vertical beam and side scan) ***

0255	250599	0	MBSR	B	v.beam&sidescan r-01	GDC	21-13.48N	157-57.49W	g	AVON07MV
1520	150699	0	MBSR	E	v.beam&sidescan r-01	GDC	21-14.04N	158-02.98W	g	AVON07MV

**** Echo Sounder Records ***

0232	250599	0	DPR3	B	Knudsen 3.5khz r-01	GDC	21-16.02N	157-53.81W	g	AVON07MV
0846	270599	0	DPR3	E	Knudsen 3.5khz r-01	GDC	31-00.00N	158-59.98W	g	AVON07MV
0529	130699	0	DPR3	B	Knudsen 3.5khz r-02	GDC	30-57.56N	159-00.03W	g	AVON07MV
1520	150699	0	DPR3	E	Knudsen 3.5khz r-02	GDC	21-14.04N	158-02.98W	g	AVON07MV

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

*** Digital Magnetics (Earth Total Field) ***

0513	250599	0	MGDR	B Magnetics	GDC	21-25.68N	158-22.23W	g	AVON07MV
0445	270599	0	MGDR	E Magnetics	GDC	30-56.60N	158-59.82W	g	AVON07MV

*** Digital Recorded Gravity ***

0157	250599	0	GVDR	B Gravity	GDC	21-18.88N	157-52.66W	g	AVON07MV
1745	150699	0	GVDR	E Gravity	GDC	21-16.75N	157-53.06W	g	AVON07MV

*** Acoustic Doppler Current Profiler ***

0157	250599	0	ADCP	B Accoustic Doppler	GDC	21-18.88N	157-52.66W	g	AVON07MV
1745	150699	0	ADCP	E Current Profiler	GDC	21-16.75N	157-53.06W	g	AVON07MV

*** Integrated Meteorological Acquisition System ***

0157	250599	0	IMET	B Weather Data	GDC	21-18.88N	157-52.66W	g	AVON07MV
1745	150699	0	IMET	E Weather Data	GDC	21-16.75N	157-53.06W	g	AVON07MV

*** Yentsch Pump ***

1700	270599	0	YNPM	Yent. Pmp. 106	20M UCI	31-00.00N	159-00.00W	g	AVON07MV
2200	270599	0	YNPM	Yent. Pmp. 108	750M UCI	31-00.00N	159-00.00W	g	AVON07MV
1800	280599	0	YNPM	Yent. Pmp. 112	4200M UCI	30-59.98N	159-00.00W	g	AVON07MV
1800	290599	0	YNPM	Yent. Pmp. 119	1300M UCI	31-00.00N	159-00.01W	g	AVON07MV
1800	300599	0	YNPM	Yent. Pmp. 125	5720M UCI	30-59.98N	159-00.00W	g	AVON07MV
1830	310599	0	YNPM	Yent. Pmp. 132	3200M UCI	31-00.06N	158-59.97W	g	AVON07MV
2200	010699	0	YNPM	Yent. Pmp. 140	100M UCI	30-59.98N	159-00.00W	g	AVON07MV
1730	030699	0	YNPM	Yent. Pmp. 158	4700M UCI	31-00.00N	159-00.00W	g	AVON07MV
1700	050699	0	YNPM	Yent. Pmp. 173	300M UCI	30-59.98N	159-00.00W	g	AVON07MV
2100	050699	0	YNPM	Yent. Pmp. 174	20M UCI	31-00.01N	158-59.99W	g	AVON07MV
1800	070699	0	YNPM	Yent. Pmp. 194	1500M UCI	31-00.00N	158-59.98W	g	AVON07MV
1800	090699	0	YNPM	Yent. Pmp. 209	1800M UCI	31-00.00N	158-59.98W	g	AVON07MV

*** Gravity Cores ***

0205	070699	0	COGV	Grav. Core 188	5820M UCI	30-59.98N	159-00.00W	g	AVON07MV
2000	080699	0	COGV	Grav. Core 203	5820M UCI	31-00.00N	159-00.00W	g	AVON07MV
2229	080699	0	COGV	Grav. Core 204	5820M UCI	30-59.98N	158-59.98W	g	AVON07MV
0154	090699	0	COGV X	Grav. Core 205	5820M UCI	30-59.98N	158-59.98W	g	AVON07MV
0450	090699	0	COGV	Grav. Core 205A	5820M UCI	31-00.00N	159-00.00W	g	AVON07MV
0724	100699	0	COGV	Grav. Core 210	5820M UCI	30-59.98N	158-59.98W	g	AVON07MV
1915	100699	0	COGV	Grav. Core 215	5820M UCI	30-59.98N	158-59.98W	g	AVON07MV
2147	100699	0	COGV	Grav. Core 216	5820M UCI	31-00.00N	159-00.00W	g	AVON07MV
0027	110699	0	COGV	Grav. Core 218	5820M UCI	31-00.00N	159-00.00W	g	AVON07MV
0514	110699	0	COGV	Grav. Core 220	5820M UCI	31-00.00N	159-00.00W	g	AVON07MV
1927	110699	0	COGV	Grav. Core 226	5820M UCI	31-00.00N	159-00.00W	g	AVON07MV
2214	110699	0	COGV	Grav. Core 227	5820M UCI	30-59.98N	158-59.98W	g	AVON07MV
0053	120699	0	COGV	Grav. Core 229	5820M UCI	31-00.00N	159-00.00W	g	AVON07MV

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

*** Conductivity, Temperature, Depths ***

1551	270599	0	TDXX	Sbird CTD	105	200M UCI	31-00.00N	159-00.00W	g	AVON07MV
1900	310599	0	TDXX	Sbird CTD	130	500M UCI	31-00.00N	158-59.98W	g	AVON07MV
1602	030699	0	TDXX	Sbird CTD	156	500M UCI	31-00.04N	159-00.01W	g	AVON07MV
1626	070699	0	TDXX	Sbird CTD	192	1000M UCI	30-59.98N	158-59.98W	g	AVON07MV
0333	080699	0	TDXX	Sbird CTD	197	5800M UCI	30-59.98N	159-00.00W	g	AVON07MV
0022	090699	0	TDXX	Sbird CTD	204B	500M UCI	30-59.98N	159-00.00W	g	AVON07MV
1651	100699	0	TDXX	Sbird CTD	213	1000M UCI	31-00.00N	159-00.00W	g	AVON07MV
0607	120699	0	TDXX	Sbird CTD	231	5791M UCI	30-59.98N	158-59.98W	g	AVON07MV

*** Hydrocasts ***

0426	020699	0	HCGF	GoFlow 2	141	20M UCI	30-59.98N	159-00.00W	g	AVON07MV
0457	020699	0	HCGF	GoFlow 2	142	100M UCI	31-00.00N	159-00.00W	g	AVON07MV
1748	020699	0	HCGF	GoFlow 1	146	900M UCI	31-00.00N	158-59.98W	g	AVON07MV
1905	020699	0	HCGF	GoFlow 2	147	450M UCI	31-00.00N	159-00.00W	g	AVON07MV
2254	020699	0	HCGF	GoFlow 3	148	5770M UCI	30-59.98N	159-00.00W	g	AVON07MV
0455	030699	0	HCGF	GoFlow 3	152	3200M UCI	30-59.98N	159-00.00W	g	AVON07MV
1919	040699	0	HCGF	GoFlow 3	164	1300M UCI	31-00.01N	158-59.99W	g	AVON07MV
0317	050699	0	HCGF	GoFlow 3	169	4700M UCI	31-00.00N	159-00.00W	g	AVON07MV
0319	060699	0	HCGF	GoFlow 3	178	2100M UCI	30-59.98N	158-59.98W	g	AVON07MV
0610	060699	0	HCGF	GoFlow 3	179	600M UCI	30-59.98N	158-59.98W	g	AVON07MV
1909	060699	0	HCGF	GoFlow 2	183	5770M UCI	31-00.00N	159-00.00W	g	AVON07MV
2354	060699	0	HCGF	GoFlow 2	187	900M UCI	31-00.00N	159-00.00W	g	AVON07MV

*** Open Nets ***

2020	040699	0	ON1M	1 Met. Net	165A	3M UCI	31-00.04N	158-59.99W	g	AVON07MV
2118	040699	0	ON1M	1 Met. Net	165B	20M UCI	31-00.19N	158-58.89W	g	AVON07MV
2155	040699	0	ON1M	1 Met. Net	165C	50M UCI	31-00.10N	158-57.52W	g	AVON07MV
2240	040699	0	ON1M	1 Met. Net	165D	100M UCI	31-00.11N	158-55.79W	g	AVON07MV
0717	080699	0	ON1M	1 Met. Net	199A	3M UCI	31-00.00N	159-00.00W	g	AVON07MV
0808	080699	0	ON1M	1 Met. Net	199B	20M UCI	30-59.21N	158-58.64W	g	AVON07MV
0845	080699	0	ON1M	1 Met. Net	199C	50M UCI	30-58.50N	158-57.40W	g	AVON07MV
0927	080699	0	ON1M	1 Met. Net	199D	100M UCI	30-57.78N	158-56.17W	g	AVON07MV
1809	120699	0	ON1M	1 Met. Net	236A	3M UCI	31-00.00N	158-59.98W	g	AVON07MV
1857	120699	0	ON1M	1 Met. Net	236B	20M UCI	31-01.25N	158-59.32W	g	AVON07MV
1935	120699	0	ON1M	1 Met. Net	236C	50M UCI	31-02.21N	158-58.80W	g	AVON07MV
2020	120699	0	ON1M	1 Met. Net	236D	100M UCI	31-01.36N	158-57.96W	g	AVON07MV

*** Hydrocasts ***

0615	270599	0	HCPI	Rosette S	101	300M WHOI	31-00.00N	159-00.00W	g	AVON07MV
0915	270599	0	HCPI	Rosette S	102	2100M WHOI	30-59.98N	159-00.00W	g	AVON07MV
1235	270599	0	HCPI	Rosette S	103	5200M WHOI	31-00.00N	158-59.98W	g	AVON07MV
1517	270599	0	HCPI	Rosette S	104	300M WHOI	31-00.00N	159-00.00W	g	AVON07MV
0745	280599	0	HCPI	Rosette S	109	5200M WHOI	30-59.98N	159-00.00W	g	AVON07MV
1129	280599	0	HCPI	Rosette S	110	2100M WHOI	31-00.00N	158-59.98W	g	AVON07MV
0700	290599	0	HCPI	Rosette D	111	170M TAMU	31-00.00N	159-00.00W	g	AVON07MV
1019	290599	0	HCPI	Rosette S	115	5200M WHOI	30-59.98N	159-00.00W	g	AVON07MV
1746	290599	0	HCPI	Rosette C	118	20M WHOI	31-00.00N	158-59.98W	g	AVON07MV
0700	300599	0	HCPI	Rosette S	123	5200M WHOI	30-59.98N	159-00.00W	g	AVON07MV
1200	300599	0	HCPI	Rosette S	124	2100M WHOI	30-59.98N	159-00.00W	g	AVON07MV
0800	310599	0	HCPI	Rosette S	128	5200M WHOI	31-00.00N	159-00.00W	g	AVON07MV
1230	310599	0	HCPI	Rosette S	129	2100M WHOI	31-00.00N	158-59.98W	g	AVON07MV
1730	310599	0	HCPI	Rosette D	131	130M TAMU	31-06.43N	158-59.79W	g	AVON07MV
0700	010699	0	HCPI	Rosette S	135	5200M WHOI	31-00.00N	159-00.00W	g	AVON07MV
1130	010699	0	HCPI	Rosette S	136	2100M WHOI	30-59.98N	159-00.00W	g	AVON07MV

#GMT	DDMMYY	SAMP B	SAMPLE	DISP					p	CRUISE
#TIME	DATE	TZ	CODE E	IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#										
1530	010699	0	HCPI	Rosette	S 137	300M	WHOI	31-04.68N	158-59.17W	g AVON07MV
0600	020699	0	HCPI	Rosette	D 144	130M	TAMU	30-59.98N	159-00.00W	g AVON07MV
0700	020699	0	HCPI	Rosette	C 144A	900M	WHOI	30-59.98N	159-00.01W	g AVON07MV
0800	020699	0	HCPI	Rosette	S 145	5200M	WHOI	30-59.98N	159-00.00W	g AVON07MV
0130	030699	0	HCPI	Rosette	C 151	900M	WHOI	30-59.98N	159-00.00W	g AVON07MV
0700	030699	0	HCPI	Rosette	S 154	300M	WHOI	31-00.00N	158-59.98W	g AVON07MV
0800	030699	0	HCPI	Rosette	S 155	2100M	WHOI	31-00.00N	159-00.00W	g AVON07MV
0700	040699	0	HCPI	Rosette	S 161	2100M	WHOI	30-59.98N	158-59.98W	g AVON07MV
0900	040699	0	HCPI	Rosette	S 162	300M	WHOI	30-59.98N	158-59.98W	g AVON07MV
0958	040699	0	HCPI	Rosette	S 162A	5200M	WHOI	30-59.98N	159-00.00W	g AVON07MV
1701	040699	0	HCPI	Rosette	D 163	130M	TAMU	31-00.00N	158-59.98W	g AVON07MV
0005	050699	0	HCPI	Rosette	C 168	900M	WHOI	31-00.00N	158-59.98W	g AVON07MV
0547	050699	0	HCPI	Rosette	S 170	300M	WHOI	31-00.00N	159-00.00W	g AVON07MV
0650	050699	0	HCPI	Rosette	S 171	5200M	WHOI	30-59.98N	158-59.98W	g AVON07MV
1113	050699	0	HCPI	Rosette	C 177	900M	WHOI	31-12.78N	158-59.63W	g AVON07MV
0436	060699	0	HCPI	Rosette	S 178A	900M	WHOI	31-00.00N	159-00.00W	g AVON07MV
0642	060699	0	HCPI	Rosette	S 181	2100M	WHOI	31-00.00N	159-00.00W	g AVON07MV
2216	060699	0	HCPI	Rosette	C 186	900M	WHOI	30-59.98N	158-59.98W	g AVON07MV
0501	070699	0	HCPI	Rosette	S 189	3600M	WHOI	31-00.00N	159-00.00W	g AVON07MV
0815	070699	0	HCPI	Rosette	S 190	900M	WHOI	30-59.98N	158-59.98W	g AVON07MV
0945	070699	0	HCPI	Rosette	S 191	600M	WHOI	31-00.00N	159-00.00W	g AVON07MV
1730	070699	0	HCPI	Rosette	D 193	130M	TAMU	30-59.98N	159-00.00W	g AVON07MV
0541	080699	0	HCPI	Rosette	S 198	2100M	WHOI	31-00.00N	159-00.00W	g AVON07MV
1700	080699	0	HCPI	Rosette	C 202	1800M	WHOI	31-00.00N	158-59.98W	g AVON07MV
0645	090699	0	HCPI	Rosette	S 206	3600M	WHOI	31-00.00N	159-00.00W	g AVON07MV
0910	090699	0	HCPI	Rosette	S 207	600M	WHOI	31-00.00N	159-00.00W	g AVON07MV
1040	090699	0	HCPI	Rosette	S 207A	3600M	WHOI	30-59.98N	158-59.98W	g AVON07MV
1629	090699	0	HCPI	Rosette	C 208	1800M	WHOI	31-00.00N	159-00.00W	g AVON07MV
0432	100699	0	HCPI	Rosette	C 209C	1800M	WHOI	30-59.98N	158-59.99W	g AVON07MV
0846	100699	0	HCPI	Rosette	S 211	2100M	WHOI	30-59.98N	158-59.98W	g AVON07MV
1058	100699	0	HCPI	Rosette	S 212	1200M	WHOI	30-59.98N	158-59.98W	g AVON07MV
1720	100699	0	HCPI	Rosette	D 214	130M	TAMU	31-00.00N	158-59.98W	g AVON07MV
0159	110699	0	HCPI	Rosette	C 219	1800M	WHOI	30-59.98N	159-00.00W	g AVON07MV
0635	110699	0	HCPI	Rosette	S 221	600M	WHOI	31-00.00N	158-59.98W	g AVON07MV
0725	110699	0	HCPI	Rosette	S 222	2100M	WHOI	31-00.00N	158-59.98W	g AVON07MV
0920	110699	0	HCPI	Rosette	S 223	3600M	WHOI	31-00.00N	159-00.00W	g AVON07MV
1730	110699	0	HCPI	Rosette	D 225	35M	TAMU	30-59.98N	159-00.00W	g AVON07MV
0237	120699	0	HCPI	Rosette	C 230	1800M	WHOI	30-59.98N	158-59.98W	g AVON07MV
0720	120699	0	HCPI	Rosette	S 232	900M	WHOI	31-00.00N	159-00.00W	g AVON07MV
0848	120699	0	HCPI	Rosette	S 233	2100M	WHOI	31-00.00N	158-59.98W	g AVON07MV
1707	120699	0	HCPI	Rosette	S 235	900M	WHOI	30-59.98N	159-00.00W	g AVON07MV
2333	120699	0	HCPI	Rosette	C 237	1800M	WHOI	30-59.98N	158-59.98W	g AVON07MV
0030	130699	0	HCPI	Rosette	S 238	3600M	WHOI	31-00.00N	158-59.98W	g AVON07MV
0340	130699	0	HCPI	Rosette	S 239	2100M	WHOI	30-59.98N	159-00.00W	g AVON07MV

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

*** Surface Samples ***

1950	270599	0	SSXX	Surf. Pmp. S 106A	WHOI	31-00.00N	159-00.00W	g	AVON07MV
0030	290599	0	SSXX	Surf. Pmp. S 113	WHOI	30-59.98N	159-00.00W	g	AVON07MV
0014	300599	0	SSXX	Surf. Pmp. S 120	WHOI	30-59.98N	158-59.98W	g	AVON07MV
0645	300599	0	SSXX	Surf. Pmp. C 122	WHOI	30-59.98N	159-00.00W	g	AVON07MV
1925	300599	0	SSXX	Surf. Pmp. C 125A	WHOI	31-00.00N	159-00.00W	g	AVON07MV
0010	310599	0	SSXX	Surf. Pmp. S 127	WHOI	31-00.00N	158-59.98W	g	AVON07MV
0705	310599	0	SSXX	Surf. Pmp. C 127A	WHOI	30-59.98N	159-00.00W	g	AVON07MV
0018	010699	0	SSXX	Surf. Pmp. S 134	WHOI	31-00.00N	159-00.00W	g	AVON07MV
0223	030699	0	SSXX	Surf. Pmp. S 150	WHOI	31-00.00N	158-59.98W	g	AVON07MV
0005	040699	0	SSXX	Surf. Pmp. S 160	WHOI	31-00.00N	158-59.98W	g	AVON07MV
0010	050699	0	SSXX	Surf. Pmp. S 167	WHOI	30-59.98N	158-59.98W	g	AVON07MV
0013	100699	0	SSXX	Surf. Pmp. D 209B	WHOI	31-00.00N	158-59.98W	g	AVON07MV

*** Bucket Samples ***

2227	270599	0	BKST	Bucket Samp. 107	UCI	30-59.98N	159-00.00W	g	AVON07MV
2203	280599	0	BKST	Bucket Samp. 114	UCI	31-00.00N	159-00.00W	g	AVON07MV
2225	290599	0	BKST	Bucket Samp. 121	UCI	30-59.98N	159-00.00W	g	AVON07MV
2215	300599	0	BKST	Bucket Samp. 126	UCI	30-59.98N	159-00.00W	g	AVON07MV
2215	310599	0	BKST	Bucket Samp. 133	UCI	30-59.98N	159-00.00W	g	AVON07MV
2220	010699	0	BKST	Bucket Samp. 140A	UCI	30-59.98N	159-00.00W	g	AVON07MV
2209	020699	0	BKST	Bucket Samp. 149	UCI	31-00.00N	159-00.00W	g	AVON07MV
2214	030699	0	BKST	Bucket Samp. 159	UCI	31-00.00N	159-00.00W	g	AVON07MV
2215	050699	0	BKST	Bucket Samp. 175	UCI	30-59.98N	159-00.00W	g	AVON07MV
2220	060699	0	BKST	Bucket Samp. 184	UCI	31-00.00N	159-00.00W	g	AVON07MV
2110	080699	0	BKST	Bucket Samp. 195	UCI	31-00.00N	159-00.00W	g	AVON07MV
2228	090699	0	BKST	Bucket Samp. 204A	UCI	31-00.00N	159-00.00W	g	AVON07MV
2325	090699	0	BKST	Bucket Samp. 209A	UCI	30-59.98N	159-00.00W	g	AVON07MV
2217	100699	0	BKST	Bucket Samp. 217	UCI	30-59.98N	159-00.00W	g	AVON07MV
2232	110699	0	BKST	Bucket Samp. 228	UCI	30-59.98N	159-00.00W	g	AVON07MV
2220	120699	0	BKST	Bucket Samp. 237A	UCI	30-59.98N	159-00.00W	g	AVON07MV

End Sample Index

AVON07MV