

MEG 15040060

TASADAY EXPEDITION

LEG 8

R/V T. WASHINGTON

File

INFORMAL REPORT AND INDEX OF  
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

Apra, Guam (27 December 1973)

to

Honolulu, Hawaii (16 Jan. 1974)

Chief Scientist, Leg 8 - R. Anderson

Computer Tech - Dale V. Stuber

Resident Marine Tech - W. Keith

Post-Cruise Processing by - S. M. Smith, U. Albright  
G. Psaropoulos, O. McConnell

Prepared by

Underway Data Processing Group

S.I.O. Geological Data Center

Scripps Institution of Oceanography

La Jolla, California

18 March 1974

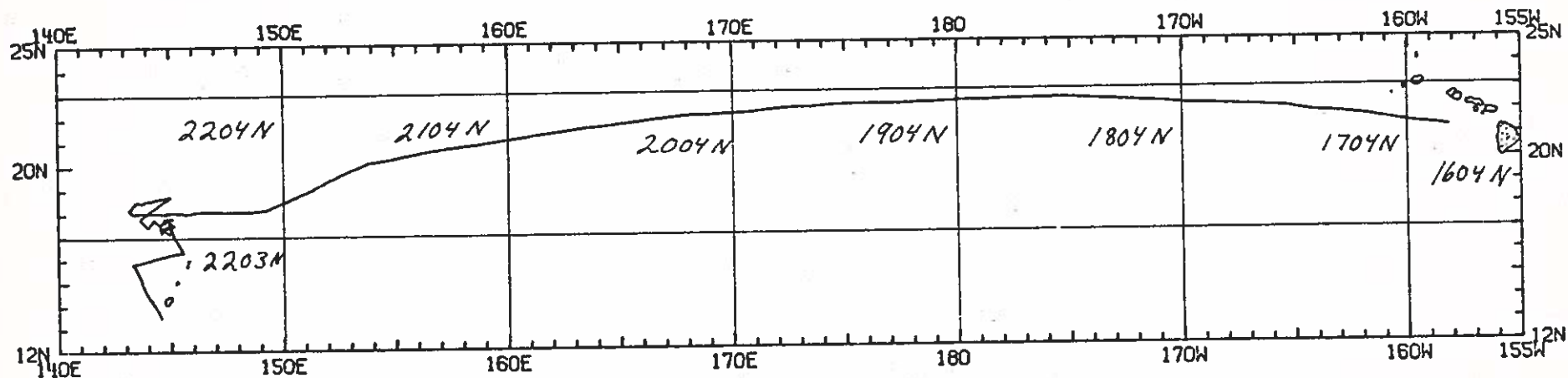
## Preliminary Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data

### Contents:

- Index Chart - gives track of cruise leg and boundaries of depth compilation plots (see below).
- Track Charts - annotated with dates (day/month) and hour ticks. The scale (.3"/deg. long) is the same as the index charts of previous SIO cruises published as Report IMR TR-25.
- Profiles - Depth and magnetic anomaly vs. distance. Dates (day/month) and positions of major course changes (greater than 30 degrees) are annotated. Sections of track having subbottom profiler (airgun) records have a solid black line along the bottom of the profile.

For information on the availability and reproduction costs of data in the following forms contact T.E. Chase, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92037 (714-453-2000, ext. 1534):

1. Navigation listing of times and positions of course and speed changes, fixes and drift velocity.
2. Depth compilation plots - in fathoms (assumed sound velocity of 800 fm./sec.) at approximately 1 mile spacing, plotted at 4"/degree with standard U.S. Navy Oceanographic Office BC series boundaries (see index chart).
3. Plots of magnetic anomaly profiles along track-map scale = 1.2"/degree; anomaly scale between 15°N and 15°S latitude = 500 gamma/inch; anomaly scale north of 15°N and south of 15°S = 1000 gamma/inch) from values retrieved at approximately 1 mile spacing and regional field removed using the 1965 IGRF.
4. Card Decks of navigation, depth and magnetics (for specific formats, contact S.M. Smith, Geological Data Center).
5. S.I.O. Sample Index - list of beginning and end times and positions of all underway records as well as all other samples (geology, biology, physical oceanography, etc.) collected on the cruise leg.
6. Microfilm or Xerox copies of:
  - a. Echosounder records - 12 and 3.5 kHz frequency
  - b. Subbottom profiler records (airgun)
  - c. Magnetometer records
  - d. Underway Data Log



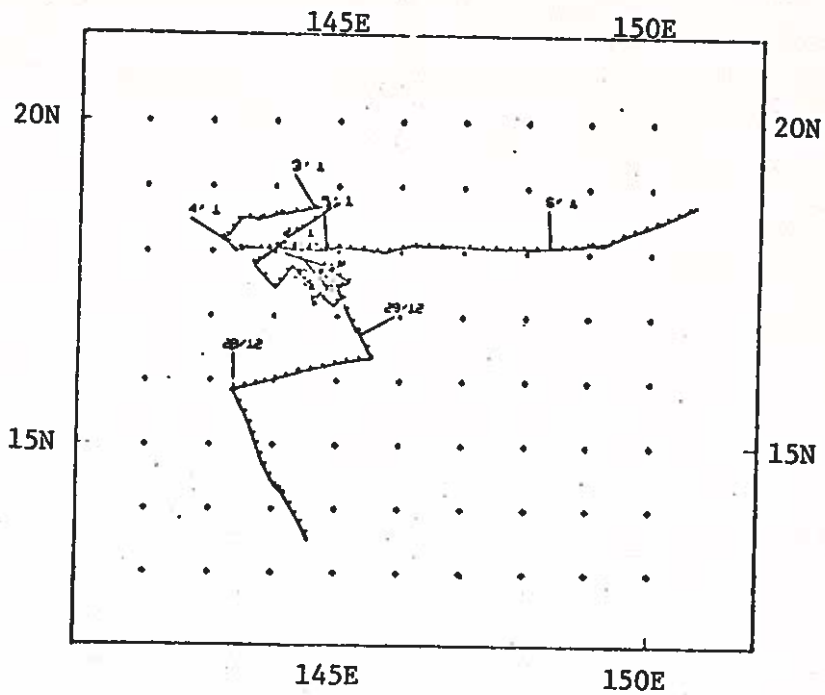
TASADAY EXPEDITION

LEG 8

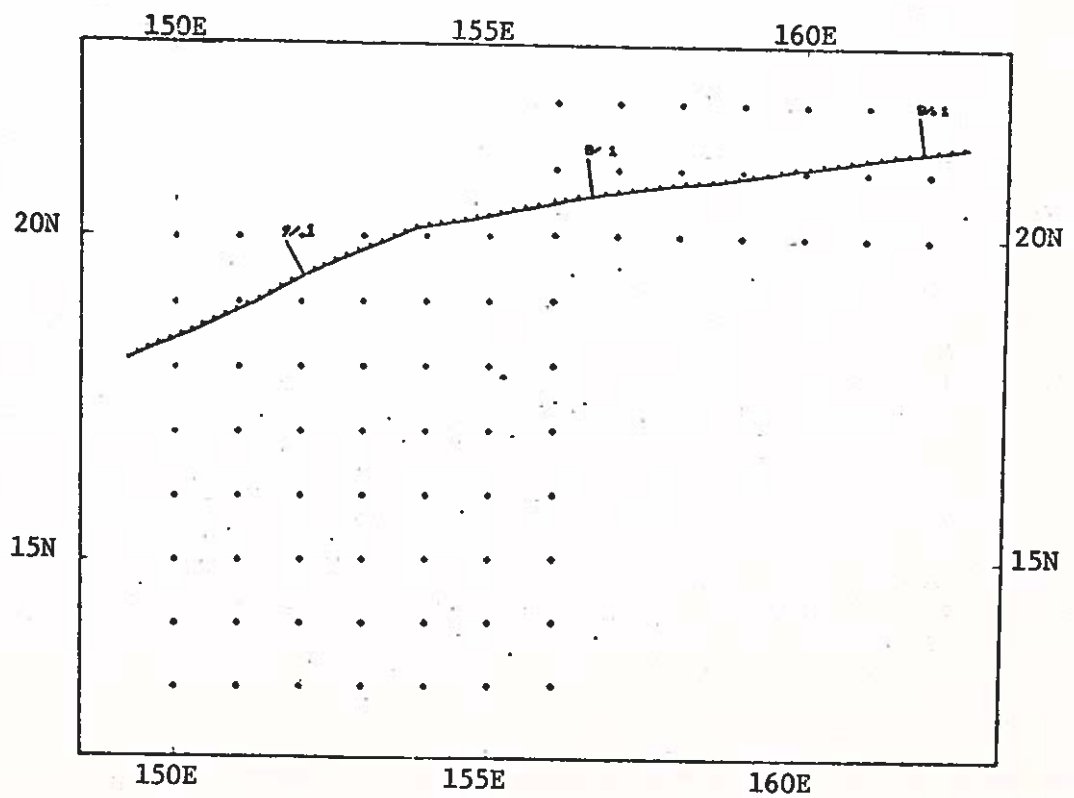
R/V T. WASHINGTON  
 CHIEF SCIENTIST - R. ANDERSON  
 Guam - Hawaii (27 Dec. 1973 - 16 Jan. 1974)

TOTAL MILEAGE

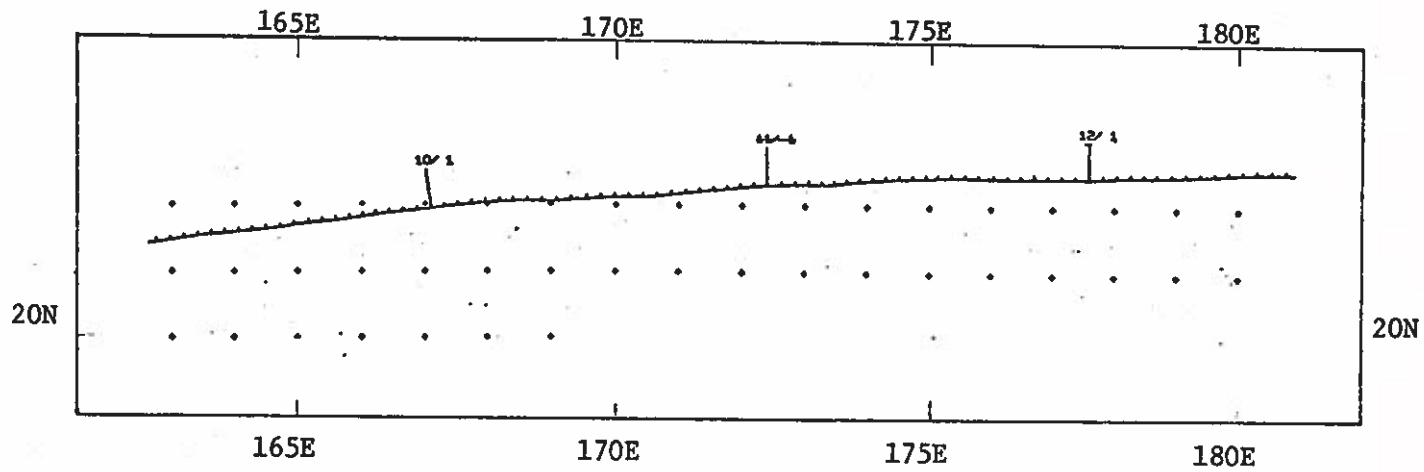
- 1) Cruise - 4370 miles
- 2) Magnetics - 4145 miles
- 3) Bathymetry - 4260 miles
- 4) Seismic Reflection - 3768 miles



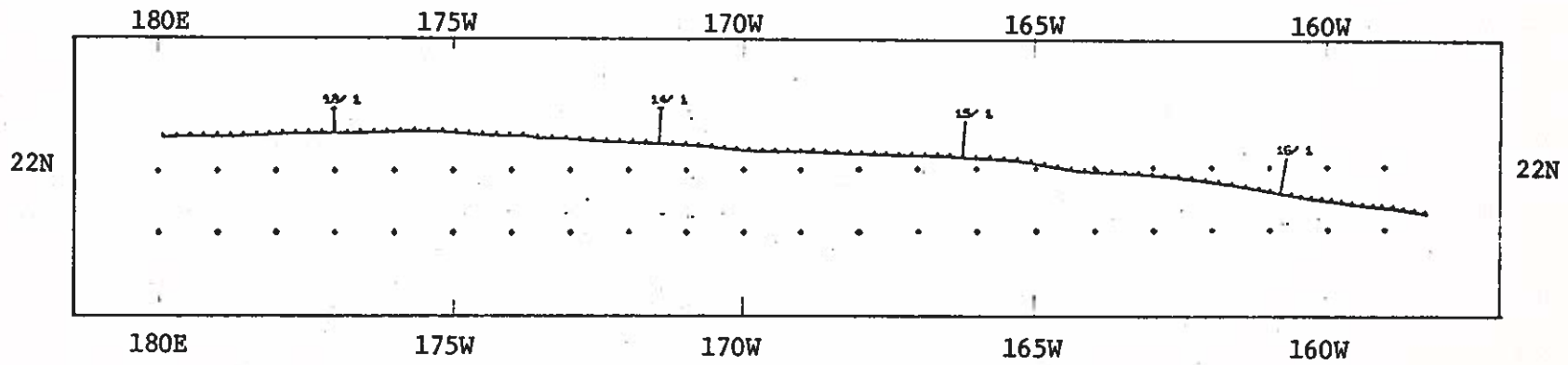
TASADAY LEG 8 TRACK PLOT 1 of 4



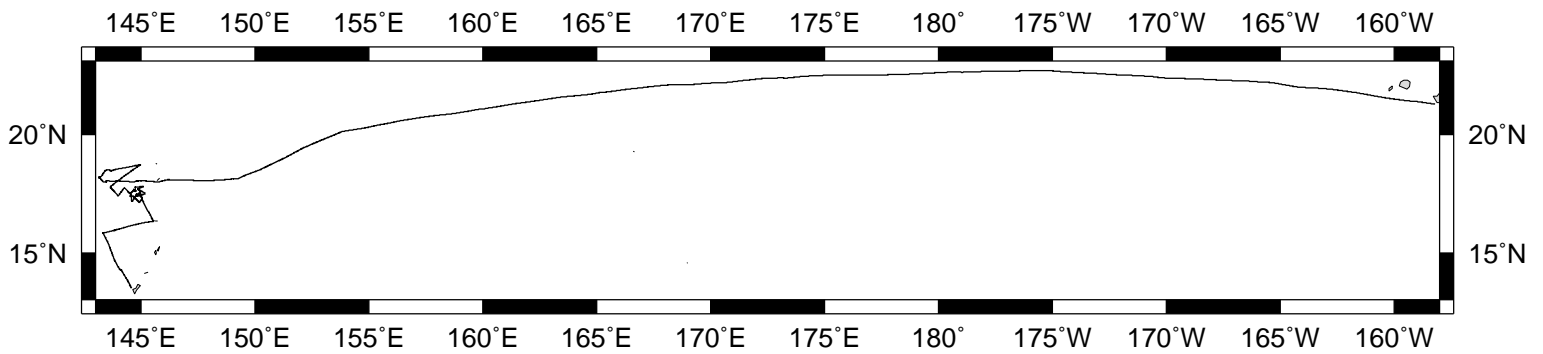
TASADAY LEG 8 TRACK PLOT 2 of 4



TASADAY LEG 8 TRACK PLOT 3 of 4



TASADAY LEG 8 TRACK PLOT 4 of 4



**Cruise: TSDY08WT**

Begin date (dd/mm/yyyy): 27/12/1973 End date: 16/01/1974

Data collected (# points): twtt: 4495 tcor: 4495 mtot: 4272 manm: 4272

File: TSDY08WT.gmtd

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Cruise level information  
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cruise-id::TSDY08WT  
cruise-name::TASADAY LEG 8  
cruise-narrative::Measurements of acoustic properties in the Sulu Sea. ( the water temperature is unique as it is very warm to a depth of 2.5km) Next, acoustic absorption in the philippine Sea will be studied.  
science-themes::Geological Oceanography, Marine Geophysics  
scientific-party-equipment::2 METER HEAT PROBE, ROCK DREDGE, TRIP GRAVITY CORE (WITH PISTON CORE), PISTON CORE, GRAVITY CORE, AIRGUN  
-----

cruise-start-date::1973-12-27  
cruise-start-port::APRA, GUAM  
latitude-start::13.505  
longitude-start::144.56999  
cruise-end-date::1974-01-16  
cruise-end-port::HONOLULU  
latitude-end::21.243  
longitude-end::201.7716  
-----

latitude-minimum::13.50500  
longitude-minimum::143.14381  
latitude-maximum::22.62850  
longitude-maximum::201.77160  
-----

data-corrected-for-ship-draft::YES  
data-corrected-for-tides::NO  
data-types::depth\_sec magnetic\_field magnetic\_anomaly subbottom\_3.5 seismic\_reflection  
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pi-city-state-zip::Palisade, NY 10964  
pi-email::anderson@ldeo.columbia.edu  
pi-fax::  
pi-institution::Lamont Doherty Earth Observatory, Columbia University  
pi-name::Anderson, Roger N.  
pi-phone::858-365-8335  
pi-street-address::4D Technology, Lamont-Doherty Earth Observatory  
pi-title::Senior Scholar and Adjunct Professor Earth and Environmental Sciences  
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SIO Log weekly reports  
Tasaday Expedition Leg 08

Thomas Washington, Weekly Report Tasaday Leg 8. Completed detailed heat flow, dredging, gravity, magnetic, bathymetric and seismic reflection survey of Mariana Trough at 17-18 deg. north, 143-145 deg. east. 14 heat flow, 6 dredge, 2 piston core stations occupied. Heat flow values range from 0.0 H.F.U. to 10.6 with low measurements widespread regionally and high values concentrated in N-S ridge and trough and E-W trough at exact center of basin mapped earlier on Scan, Leg 4. Highest heat flow measured in central valley. Such a distribution requires an extremely recent origin for the center of the basin. Heat flow thus verifies extension nature of Mariana marginal basin. Gravity profile across basin showed the whole feature to have plus 20 to plus 40 mgal free-air anomaly. Piston core on flank recovered 500 cm of brown Quaternary clay with pumice chunks. Dredges of central basin returned fresh gray porphyritic basalt with large plagioclase and olivine phenocrysts. Manganese-coated pumice nodules and slab were also recovered. Dredge of E-W rift returned extensively altered basalt and diabase. Proceeding to E-W geophysical survey of basin at 18 deg., 30 min. north and 19 deg. north. Anticipate completion of station work by 6 Jan. Anderson.

Thomas Washington, Weekly report Tasaday Leg 8. Station and survey work completed Mariana Trough. Total of 22 heat flow, 11 dredge and 3 piston core stations occupied. E-W profiles at 18 deg 30 min north and 18 deg north produced similar results to those in south, all basin cold except for central ridge-trough complex. Dredges of central ridge produced fresh basalt, pumice. 3 dredges of third arc returned still more pumice. Gray meter down for 3 days with counter problems. Working fine for trench profile starting at 145 deg east. Reflection records at 13 knots outstanding but down to the last set of belts for Rix. All underway geophysical systems operational on great circle run to Hono. Last 2 dredges within 12 hours when swivel broke both times at less than 9999 lbs tension. Anderson



MGD77 file information			
4TSDY08WTMGD77	5533320030711	SCRIPPS INSTITUTION OF OCEANOGRAPHY	01
USA	R/V THOMAS WASHINGTON	SHIP ANDERSON R.	02
TASADAY LEG 8			03
19731227APRA, GUAM	19740116	HONOLULU	04
SATNAV, AUTOLOG GYRO + EMLOG		LINEAR INTERP. BETWEEN ADJACENT FIXES	05
3.5-12KHZ/GIFFT RECORDERS/WIDE BEAM		ANAL. RECORDS, CARDS, 35MM FILM (3.5KHZ)	06
VARIAN MFD PROTON PRECESSION MOD 4970		ANAL. RECORDS, CARDS	07
ASKANIA GSS2, ANSCHUTZ ELECT. GYRO TABLE			08
20TO300CU. IN. AIRGUN, 10-300HZ, EDO PSR		RECANAL. RECORDS, 35MM MICROFILM	09
A(I1, A8, I3, I4, 3I2, F5.3, F8.5, F9.5, I1, F6.4, F6.1, I2, I1, 3F6.1, I1, F5.1, F6.0, F7.1, F6.1, F5.1, A5, A6, I1)			10
0501SECONDSWEEP14630005		MINUTE INTERVAL	11
05006	03IGRF 1965	LIN. INTERP. POINTS WITHIN ONE DEGREE SQUARE	12
			13
			14
			15
			16
			17
			18
			19
			20
			21
			22
			23
			24

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LISTED 12 FEBRUARY 197430 271273  
1900 16 174LG08 B APRA, GUAM, MARIANAS  
LG08 E PEARL HARBOR, HAWAII13 303N 144 342E S TSDY08WT  
21 145N 158 133W S TSDY08WT

PECS	ANDERSON, RUGER	MPL	TSDY08WT
PERT	KEITH, WARREN E.	GRD	TSDY08WT
PEAT	BUNGARD, ROBERT E.	GRD	TSDY08WT
PECT	STUBER, DALE V.	SCG	TSDY08WT
PEGT	BROWN, GORDON	MIT	TSDY08WT
PEMT	HAUSMAN, MIKE	GRD	TSDY08WT
PEXN	KONISHI, TATSUO	JPN	TSDY08WT
PEGT	LOUDEN, KEITH E.	MIT	TSDY08WT
PE	MEIJER, AREND	UCB	TSDY08WT
PE	NISHIMURI, RICHARD	GRD	TSDY08WT
PE	RUGERS, JAMES	MPL	TSDY08WT
PE	WALSH, TOM	SSD	TSDY08WT

\*\*\* NOTE \*\*\* TIME ZONES AND MINUTES OF LATITUDE AND LONGITUDE ARE LISTED  
IN TENTHS (E.G. 10.6 IS LISTED AS 106)

UNDERWAY DATA - CURATOR T.E. CHASE 2ND FLOOR AQUARIUM (EXT.1534)

\*\*\* LOG BOOKS \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
130	271273		LBUW B	UNDERWAY WATCH LOG	GDC 13	321N	144 332E	S TSDY08WT
1600	16 174		LBUW E	UNDERWAY WATCH LOG	GDC 21	145N	158 133W	S TSDY08WT

\*\*\* NAVIGATION PLOTS \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
101	271273		NVBP B	BRIDGE PLOT 08-01	GDC 13	303N	144 342E	S TSDY08WT
1306	311273		NVBP E	BRIDGE PLOT 08-01	GDC 17	420N	144 539E	S TSDY08WT
1306	311273		NVBP B	BRIDGE PLOT 08-02	GDC 17	420N	144 539E	S TSDY08WT
1254	5 174		NVBP E	BRIDGE PLOT 08-02	GDC 18	41N	145 594E	S TSDY08WT
1254	5 174		NVBP B	BRIDGE PLOT 08-03	GDC 18	41N	145 594E	S TSDY08WT
1041	12 174		NVBP E	BRIDGE PLOT 08-03	GDC 22	323N	179 598E	S TSDY08WT
1041	12 174		NVBP B	BRIDGE PLOT 08-04	GDC 22	323N	179 598E	S TSDY08WT
40	16 174		NVBP E	BRIDGE PLOT 08-04	GDC 21	332N	160 402W	S TSDY08WT
40	16 174		NVBP B	BRIDGE PLOT 08-05	GDC 21	332N	160 402W	S TSDY08WT
1500	16 174		NVBP E	BRIDGE PLOT 08-05	GDC 21	145N	158 133W	S TSDY08WT
1500	16 174		NVBP B	BRIDGE PLOT 08-06	GDC 21	145N	158 133W	S TSDY08WT
1700	16 174		NVBP E	BRIDGE PLOT 08-06	GDC 21	145N	158 133W	S TSDY08WT
2228	261273		NVCP B	COMPUTER PLOT 08-01	GDC 13	303N	144 342E	S TSDY08WT
2200	291273		NVCP E	COMPUTER PLOT 08-01	GDC 17	181N	145 31E	S TSDY08WT
42	301273		NVCP B	COMPUTER PLOT 08-02	GDC 17	93N	144 555E	S TSDY08WT
100	311273		NVCP E	COMPUTER PLOT 08-02	GDC 17	295N	144 475E	S TSDY08WT
332	311273		NVCP B	COMPUTER PLOT 08-03	GDC 17	275N	145 19E	S TSDY08WT
352	311273		NVCP E	COMPUTER PLOT 08-03	GDC 17	273N	145 18E	S TSDY08WT
500	311273		NVCP B	COMPUTER PLOT 08-04	GDC 17	276N	145 19E	S TSDY08WT
1328	5 174		NVCP E	COMPUTER PLOT 08-04	GDC 18	55N	146 65E	S TSDY08WT
1328	5 174		NVCP B	COMPUTER PLOT 08-05	GDC 18	55N	146 65E	S TSDY08WT
530	7 174		NVCP E	COMPUTER PLOT 08-05	GDC 19	476N	153 3E	S TSDY08WT
545	7 174		NVCP B	COMPUTER PLOT 08-06	GDC 19	486N	153 30E	S TSDY08WT
1600	8 174		NVCP E	COMPUTER PLOT 08-06	GDC 21	36N	160 47E	S TSDY08WT
1615	8 174		NVCP B	COMPUTER PLOT 08-07	GDC 21	41N	160 81E	S TSDY08WT
345	11 174		NVCP E	COMPUTER PLOT 08-07	GDC 22	192N	173 129E	S TSDY08WT

TIME GMT	DATE D.M.Y.	TIME TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG SHIP
415	11	174	NVCP B	COMPUTER PLOT	08-08	GDC 22	190N 173 188E	S TSDY08WT
1058	12	174	NVCP E	COMPUTER PLOT	08-08	GDC 22	325N 179 563W	S TSDY08WT
1145	12	174	NVCP B	COMPUTER PLOT	08-09	GDC 22	330N 179 456W	S TSDY08WT
945	13	174	NVCP E	COMPUTER PLOT	08-09	GDC 22	355N 174 474W	S TSDY08WT
945	13	174	NVCP B	COMPUTER PLOT	08-10	GDC 22	355N 174 474W	S TSDY08WT
1045	14	174	NVCP E	COMPUTER PLOT	08-10	GDC 22	176N 169 40W	S TSDY08WT
1130	14	174	NVCP B	COMPUTER PLOT	08-11	GDC 22	175N 168 541W	S TSDY08WT
930	15	174	NVCP E	COMPUTER PLOT	08-11	GDC 21	561N 164 21W	S TSDY08WT
945	15	174	NVCP B	COMPUTER PLOT	08-12	GDC 21	559N 163 586W	S TSDY08WT
1600	16	174	NVCP E	COMPUTER PLOT	08-12	GDC 21	145N 158 133W	S TSDY08WT

\*\*\*FATHOGRAMS \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
130	27	1273	DPRT B	GDR 12KHZ R-01	GDC 13	321N 144 332E	S TSDY08WT	
917	28	1273	DPRT E	GDR 12KHZ R-01	GDC 15	583N 143 520E	S TSDY08WT	
923	28	1273	DPRT B	GDR 12KHZ R-02	GDC 15	583N 143 519E	S TSDY08WT	
1248	31	1273	DPRT E	GDR 12KHZ R-02	GDC 17	421N 144 537E	S TSDY08WT	
1257	31	1273	DPRT B	GDR 12KHZ R-03	GDC 17	420N 144 539E	S TSDY08WT	
1840	2	174	DPRT E	GDR 12KHZ R-03	GDC 18	383N 144 492E	S TSDY08WT	
1845	2	174	DPRT B	GDR 12KHZ R-04	GDC 18	383N 144 492E	S TSDY08WT	
1710	5	174	DPRT E	GDR 12KHZ R-04	GDC 18	56N 146 538E	S TSDY08WT	
1720	5	174	DPRT B	GDR 12KHZ R-05	GDC 18	56N 146 559E	S TSDY08WT	
1315	8	174	DPRT E	GDR 12KHZ R-05	GDC 20	583N 159 274E	S TSDY08WT	
1316	8	174	DPRT B	GDR 12KHZ R-06	GDC 20	583N 159 276E	S TSDY08WT	
1229	11	174	DPRT E	GDR 12KHZ R-06	GDC 22	259N 175 26E	S TSDY08WT	
1229	11	174	DPRT B	GDR 12KHZ R-07	GDC 22	259N 175 26E	S TSDY08WT	
1143	14	174	DPRT E	GDR 12KHZ R-07	GDC 22	174N 168 513W	S TSDY08WT	
1146	14	174	DPRT B	GDR 12KHZ R-08	GDC 22	174N 168 507W	S TSDY08WT	
1605	16	174	DPRT E	GDR 12KHZ R-08	GDC 21	145N 158 133W	S TSDY08WT	
150	27	1273	UPR3 B	GDR 3.5KHZ R-01	GDC 13	358N 144 314E	S TSDY08WT	
735	28	1273	UPR3 E	GDR 3.5KHZ R-01	GDC 15	560N 143 497E	S TSDY08WT	
913	28	1273	UPR3 B	GDR 3.5KHZ R-02	GDC 15	583N 143 519E	S TSDY08WT	
1128	31	1273	UPR3 E	GDR 3.5KHZ R-02	GDC 17	429N 144 516E	S TSDY08WT	
1711	31	1273	UPR3 B	GDR 3.5KHZ R-03	GDC 17	427N 144 530E	S TSDY08WT	
325	3	174	UPR3 E	GDR 3.5KHZ R-03	GDC 19	342N 144 43E	S TSDY08WT	

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG SHIP
539	3	174		DPR3 B	GDR 3.5KHZ R-04	GDC 18	347N	144 38E	S TSDY08WT
455	7	174		DPR3 E	GDR 3.5KHZ R-04	GDC 19	452N	152 539E	S TSDY08WT
550	7	174		DPR3 B	GDR 3.5KHZ R-05	GDC 19	490N	153 39E	S TSDY08WT
741	9	174		DPK3 E	GDR 3.5KHZ R-05	GDC 21	330N	163 344E	S TSDY08WT
825	9	174		DPR3 B	GDR 3.5KHZ R-06	GDC 21	338N	163 439E	S TSDY08WT
1315	10	174		DPR3 E	GDR 3.5KHZ R-06	GDC 22	67N	170 21E	S TSDY08WT
1252	10	174		DPR3 B	GDR 3.5KHZ R-07	GDC 22	68N	170 104E	S TSDY08WT
1638	13	174		DPR3 E	GDR 3.5KHZ R-07	GDC 22	305N	173 101W	S TSDY08WT
1650	13	174		DPR3 B	GDR 3.5KHZ R-08	GDC 22	304N	173 72W	S TSDY08WT
1605	16	174		DPR3 E	GDR 3.5KHZ R-08	GDC 21	145N	158 135W	S TSDY08WT

\*\*\*GRAVIMETRIC RECORDS\*\*\*

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
30	27	1273		GVR B	GRAVITY R-01	MIT 13	303N	144 342E	S TSDY08WT
0	16	174		GVR E	GRAVITY R-01	MIT 21	344N	160 475W	S TSDY08WT

\*\*\* MAGNETOMETER \*\*\*

309	27	1273		MGR B	MAGNETICS R-01	GDC 13	485N	144 247E	S TSDY08WT
719	12	174		MGR E	MAGNETICS R-01	GDC 22	299N	179 138E	S TSDY08WT
731	12	174		MGR B	MAGNETICS R-02	GDC 22	300N	179 165E	S TSDY08WT
1605	16	174		MGR E	MAGNETICS R-02	GDC 21	145N	158 133W	S TSDY08WT

\*\*\* SEISMIC REFLECTION PROFILES \*\*\*

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG SHIP
305	27	1273		SPR5 B	AIRGUN-R5 R-01	GDC 13	482N	144 249E	S TSDY08WT
855	16	174		SPR5 E	AIRGUN-R5 R-01	GDC 21	220N	159 120W	S TSDY08WT
305	27	1273		SPR2 B	AIRGUN-R2 R-01	GDC 13	482N	144 249E	S TSDY08WT
855	16	174		SPR2 E	AIRGUN-R2 R-01	GDC 21	220N	159 120W	S TSDY08WT

## GEOLOGICAL SAMPLES - CURATOR W.R. RIEDEL (EXT.1579)

\*\*\* CORES \*\*\*

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
400	291273			C G	TSDY 34G	3549	GCR 16	558N 145 128E	S TSDY08WT
50	301273			C G	TSDY 35G	3489	GCR 17	93N 144 555E	S TSDY08WT
12	301273			C P	TSDY 36P NO	4806	GCR 17	93N 144 556E	S TSDY08WT
12	301273			C PG	TSDY 36PG	4806	GCR 17	93N 144 556E	S TSDY08WT
206	2 174			C P	TSDY 37P	4460	GCR 17	481N 143 407E	S TSDY08WT
206	2 174			C PG	TSDY 37PG	4460	GCR 17	481N 143 407E	S TSDY08WT
138	5 174			C P	TSDY 38P NO	3830	GCR 18	35N 144 474E	S TSDY08WT
638	5 174			C PG	TSDY 38PG NO	3830	CR 18	34N 144 586E	S TSDY08WT

\*\*\* DREDGE \*\*\*

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
940	271273			D R B	TSDY 11D	3705	GCR 14	168N 144 69E	S TSDY08WT
1100	271273			D R E	TSDY 11D	3385	GCR 14	178N 144 52E	S TSDY08WT
110	281273			D R B	TSDY 12D	3100	GCR 15	503N 143 197E	S TSDY08WT
225	281273			D R E	TSDY 12D	2667	GCR 15	502N 143 188E	S TSDY08WT
1300	291273			D R B	TSDY 13D	4777	GCR 17	256N 144 485E	S TSDY08WT
1534	291273			D R E	TSDY 13D	3743	GCR 17	254N 144 496E	S TSDY08WT
920	301273			D R B	TSDY 14D	3955	GCR 17	262N 144 340E	S TSDY08WT
1200	301273			D R E	TSDY 14D	3442	GCR 17	273N 144 339E	S TSDY08WT
1413	311273			D R B	TSDY 15D	4100	GCR 17	420N 144 532E	S TSDY08WT
1625	311273			D R E	TSDY 15D	3252	GCR 17	422N 144 532E	S TSDY08WT
721	1 174			D R B	TSDY 16D NO	4085	GCR 17	397N 144 419E	S TSDY08WT
934	1 174			D R E	TSDY 16D NO	3366	GCR 17	409N 144 405E	S TSDY08WT
1301	1 174			D R B	TSDY 17D NO	3865	GCR 17	409N 144 438E	S TSDY08WT
1550	1 174			D R E	TSDY 17D NO	3363	GCR 17	419N 144 433E	S TSDY08WT
1637	3 174			D R B	TSDY 18D NO	2219	GCR 18	127N 143 111E	S TSDY08WT
1916	3 174			D R E	TSDY 18D NO	1688	GCR 18	121N 143 96E	S TSDY08WT
2208	3 174			D R B	TSDY 19D NO	2250	GCR 18	107N 143 104E	S TSDY08WT
115	4 174			D R E	TSDY 19D NO	1965	GCR 18	106N 143 100E	S TSDY08WT
707	4 174			D R B	TSDY 20D	3750	GCR 18	18N 143 279E	S TSDY08WT
930	4 174			D R E	TSDY 20D	2798	GCR 18	20N 143 252E	S TSDY08WT
2248	4 174			D R B	TSDY 21D	4500	GCR 18	26N 144 479E	S TSDY08WT
42	5 174			D R E	TSDY 21D	4310	GCR 18	32N 144 475E	S TSDY08WT

## HEAT FLOW DATA - CURATOR R. ANDERSON (EXT. 1086)

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
740	281273			HF2M	TSDY-38HF	3932	HFP 15 580N	143 497E	S TSDY08WT
1413	281273			HF2M	TSDY-39HF	4536	HFP 16 74N	144 230E	S TSDY08WT
132	291273			HF2M	TSDY-40HF	3350	HFP 16 461N	145 183E	S TSDY08WT
558	291273			HF2M	TSDY-41HF	3547	HFP 16 557N	145 129E	S TSDY08WT
2109	291273			HF2M	TSDY-42HF	3950	HFP 17 183N	145 32E	S TSDY08WT
242	301273			HF2M	TSDY-43HF	3440	HFP 17 94N	144 554E	S TSDY08WT
1600	301273			HF2M	TSDY-44HF	3600	HFP 17 106N	144 359E	S TSDY08WT
1923	301273			HF2M	TSDY-45HF	4119	HFP 17 184N	144 417E	S TSDY08WT
422	311273			HF2M	TSDY-46HF	3838	HFP 17 274N	145 18E	S TSDY08WT
746	311273			HF2M	TSDY-47HF	3800	HFP 17 313N	145 101E	S TSDY08WT
2021	311273			HF2M	TSDY-48HF	3404	HFP 17 490N	145 57E	S TSDY08WT
229	1 174			HF2M	TSDY-49HF	4133	HFP 17 371N	144 455E	S TSDY08WT
425	2 174			HF2M	TSDY-50HF	4420	HFP 17 493N	143 397E	S TSDY08WT
832	2 174			HF2M	TSDY-51HF	3619	HFP 18 49N	144 9E	S TSDY08WT
1249	2 174			HF2M	TSDY-52HF	4256	HFP 18 193N	144 212E	S TSDY08WT
1806	2 174			HF2M	TSDY-53HF	4283	HFP 18 385N	144 494E	S TSDY08WT
2319	2 174			HF2M	TSDY-54HF	4534	HFP 18 398N	144 364E	S TSDY08WT
321	3 174			HF2M	TSDY-55HF	4272	HFP 18 341N	144 43E	S TSDY08WT
849	3 174			HF2M	TSDY-56HF	4215	HFP 18 293N	143 422E	S TSDY08WT
1354	4 174			HF2M	TSDY-57HF	4123	HFP 18 26N	143 536E	S TSDY08WT
417	5 174			HF2M	TSDY-58HF	3838	HFP 18 39N	144 593E	S TSDY08WT
541	6 174			HF2M	TSDY-59HF	5619	HFP 18 87N	149 29E	S TSDY08WT