INDOPAC EXPEDITION

LEG 2

R/V THOMAS WASHINGTON

INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH AND MAGNETIC DATA

YOKOHAMA, JAPAN (5 MAY 1976)

to

APRA, GUAM (18 MAY 1976)

CHIEF SCIENTIST - J. Reid

Resident Marine Tech - R. Wilson

Post-Cruise Processing by - S. Smith,

G. Psaropulos, R. Lingley

Prepared By

Underway Data Processing Group

S.I.O. Geological Data Center

Scripps Institution of Oceanography

La Jolla, California

August 3, 1976

Informal 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 S. M. Smith, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093 Phone: (714) 452-2752.

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). Phone: (714) 452-2752

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

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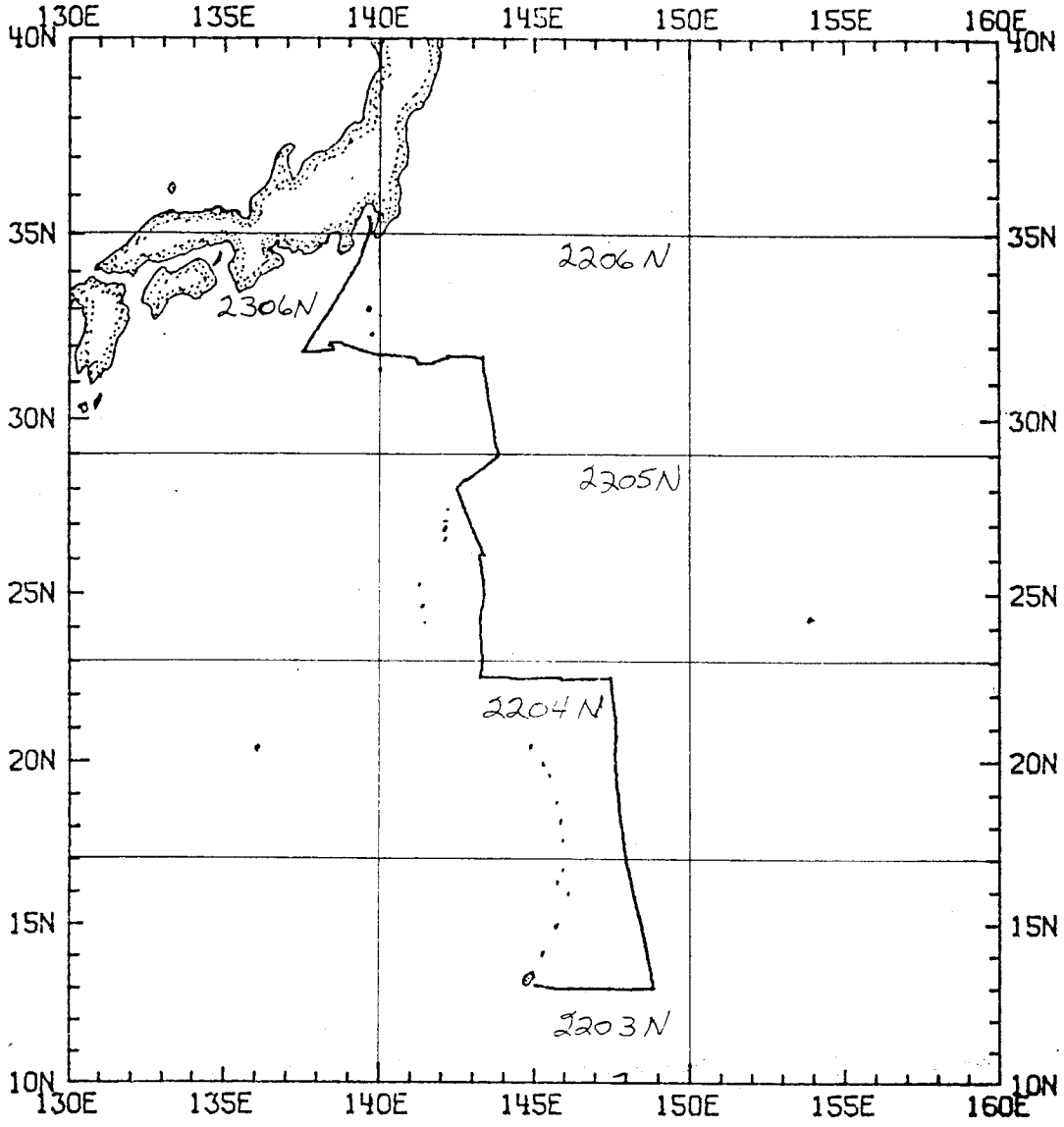
* No subbottom profiler data collected.

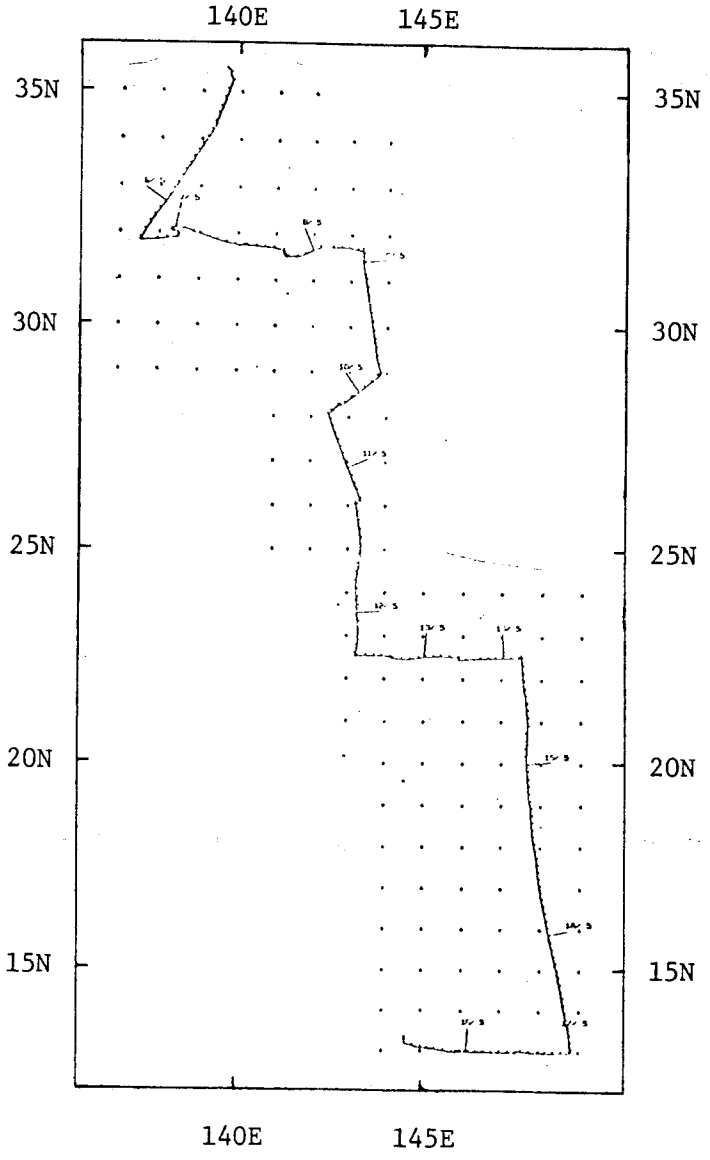


INDOPAC EXPEDITION
LEG 2

Chief Scientist - Joe Reid
Ports: Yokohama - Apra, Guam (5 May - 18 May 1976)

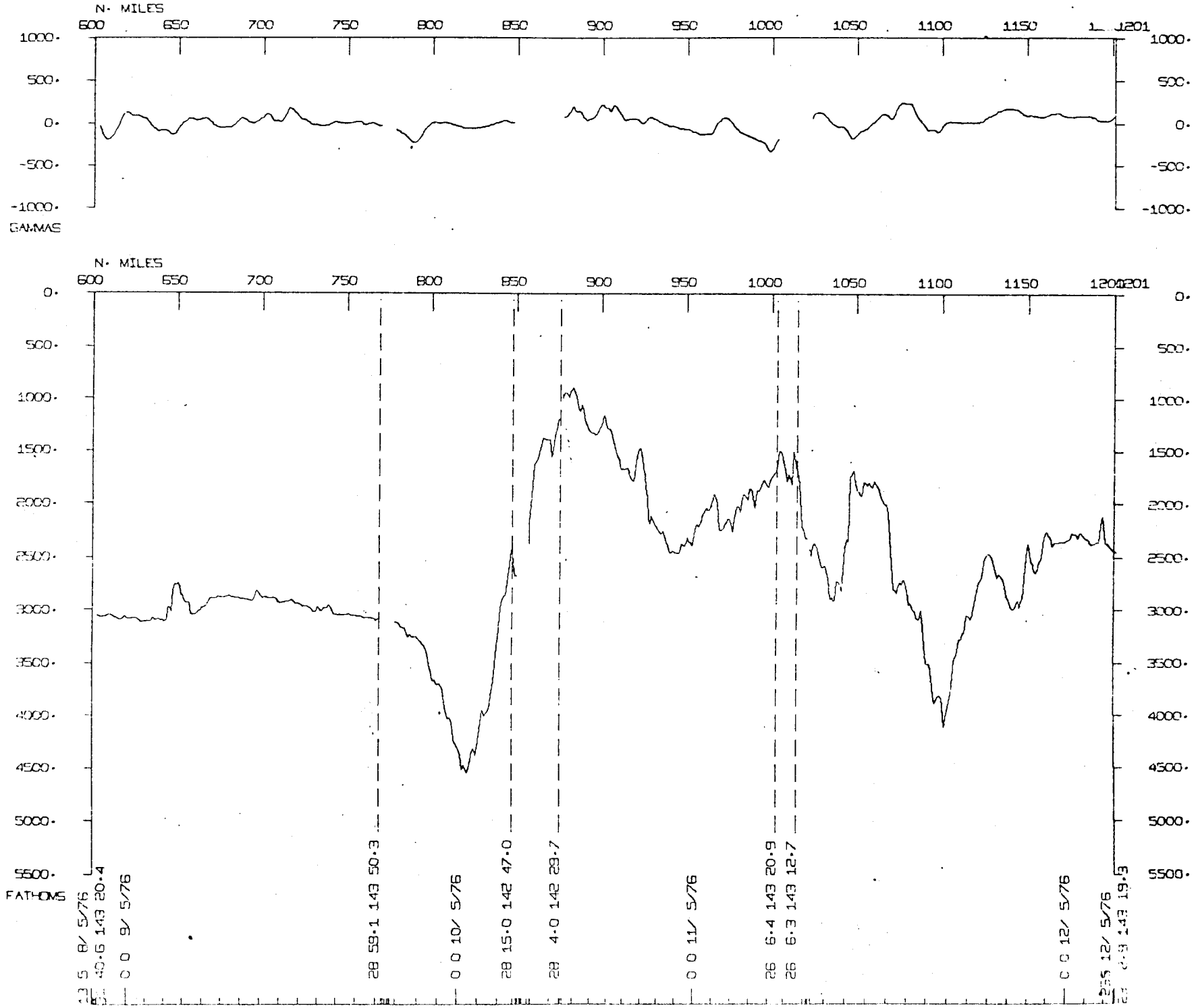
TOTAL MILEAGE

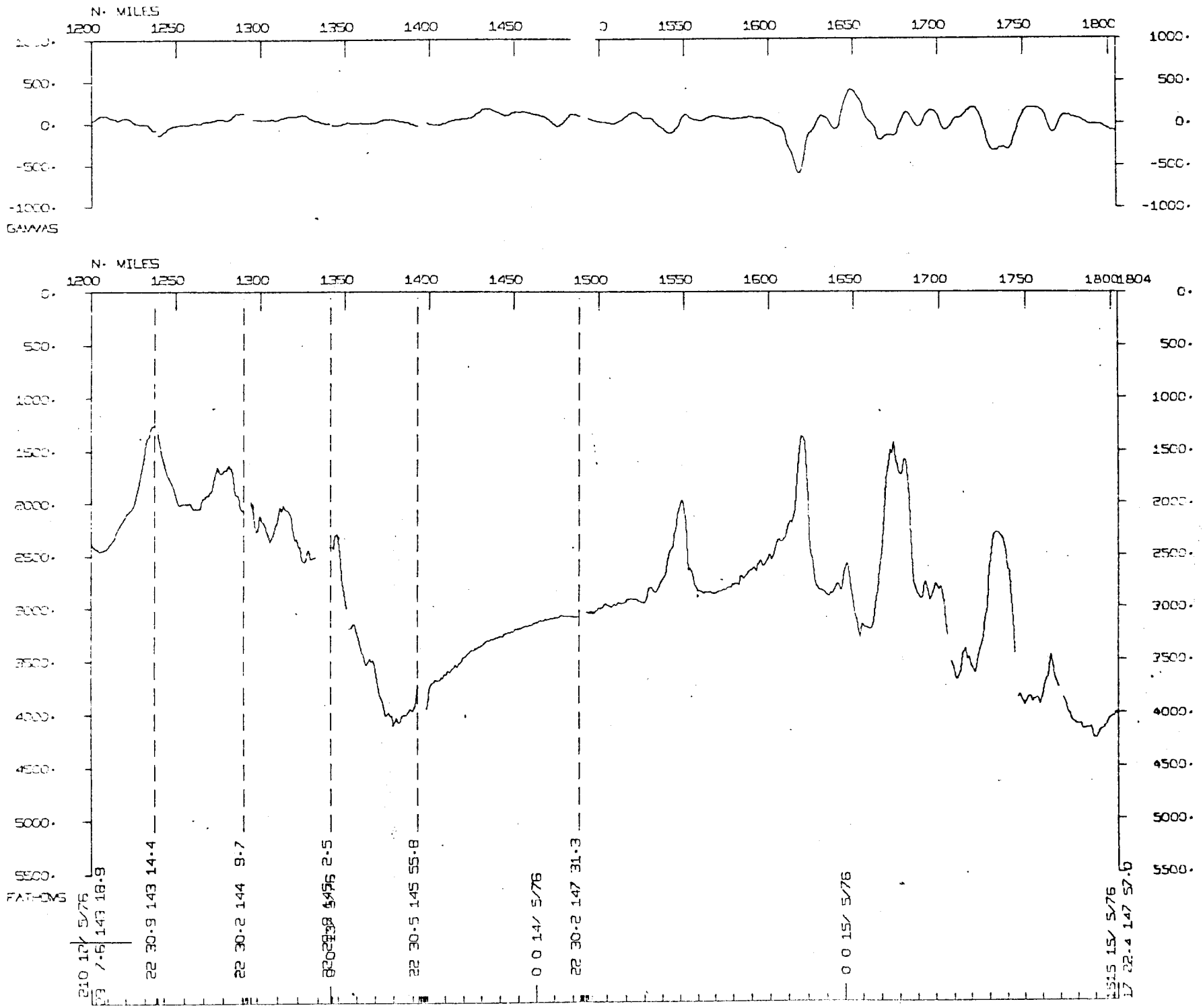
1) Cruise - 2349 miles
2) Bathymetry - 2149 miles
3) Magnetics - 2074 miles
4) Seismic Reflection - none collected

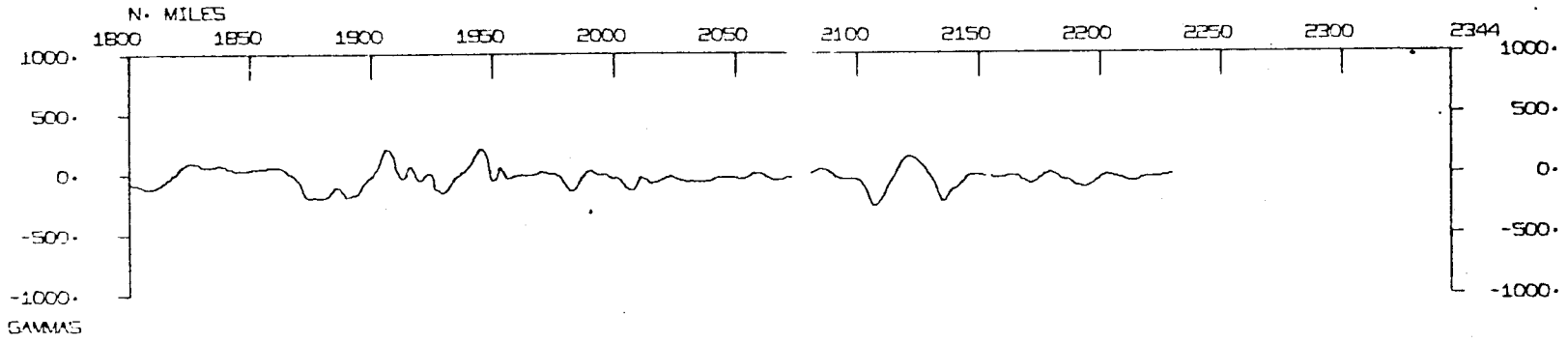


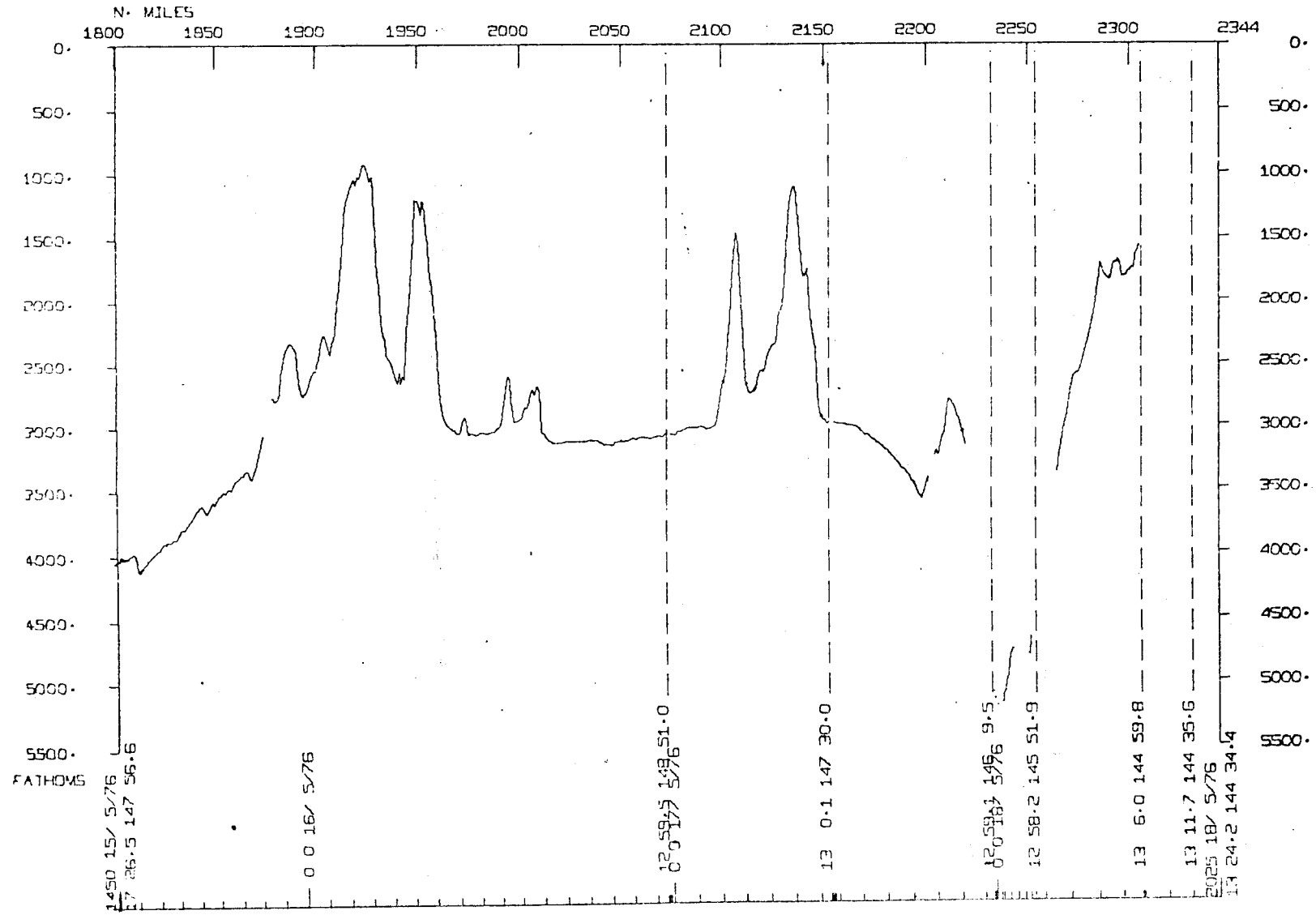
INDOPAC EXPEDITION LEG 2 Track Plot

INDOPAC LEG 2
N. MILES
FATHOMS
GAMMAS
0 0 6/ 5/76
31 49.3 137 30.7
31 53.6 138 30.7
32 2.0 138 20.1
0 0 7/ 5/76
31 38.9 141 11.0
31 44.2 140 13.0
0 0 8/ 5/76
31 42.2 142 14.3
31 42.7 143 20.4


INDOPAC LEG 2
N. MILES
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1201
1000.
500.
0.
-500.
-1000.
GAMMAS
N. MILES
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
4500.
5000.
5500.
FATHOMS
28 59.1 143 50.3
0 0 10/ 5/76
28 15.0 142 47.0
28 4.0 142 29.7
0 0 11/ 5/76
26 6.4 143 20.9
26 6.3 143 12.7
0 0 12/ 5/76


N. MILES
1200
1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1804
1000.
500.
0.
-500.
-1000.
GAMMAS
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
4500.
5000.
5500.
FATHOMS
INDOPAC LEG 2
22 30·9 143 14·4
22 30·2 144 9·7
22 30·5 145 55·8
0 0 14/ 5/76
22 30·2 147 31·3
0 0 15/ 5/76
15/ 5/76
22.4 147 57.6





INDOPAC LEG 2

SAMPLE INDEX
INDUPAC EXPEDITION, LEG 2

PORTS

455	5	576	LGPT	B	YOKOHAMA, JAPAN	35	274N	139	386E S INDP02WT
2235	18	576	LGPT	E	APRA, GUAM	13	246N	144	343E S INDP02WT

PERSONNEL

0	0	0 0	PECS	REID, J.	SIO	0	ON	0	OE INDP02WT
0	0	0 0	PERT	WILSON, R.	GTG	0	ON	0	OE INDP02WT
0	0	0 0	PECT	HENRY, A.	SCG	0	ON	0	OE INDP02WT
0	0	0 0	PEET	KAYE, R.	DCP	0	ON	0	OE INDP02WT
0	0	0 0	PEET	SINGLETON, J.	DCP	0	ON	0	OE INDP02WT
0	0	0 0	PEMT	COSTELLO, J.	DCP	0	ON	0	OE INDP02WT
0	0	0 0	PEMT	HESTER, A.	DCP	0	ON	0	OE INDP02WT
0	0	0 0	PEMT	MUUS,D	DCP	0	ON	0	OE INDP02WT
0	0	0 0	PEMT	PATLA, S.	DCP	0	ON	0	OE INDP02WT
0	0	0 0	PE	CONWAY, C.	DCP	0	ON	0	OE INDP02WT
0	0	0 0	PEXN	CRESSWELL, G.	SIX	0	ON	0	OE INDP02WT
0	0	0 0	PE	CUTCHIN, D.	NSF	0	ON	0	OE INDP02WT
0	0	0 0	PE	MANTYLA, A.	GGG	0	ON	0	OE INDP02WT
0	0	0 0	PE	MCKINNEY, B.	SIO	0	ON	0	OE INDP02WT

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

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
					UNDERWAY DATA - CURATOR S.M. SMITH (EXT.2182)				
					*** LOG BOOKS ***				
455	5	576			LBUW B UNDERWAY LOG	GDC	35 274N	139 386E S	INDP02WT
2235	18	576			LBUW E UNDERWAY LOG	GDC	13 246N	144 343E S	INDP02WT
					*** NAVIGATION PLOTS ***				
1019	5	576			NVBP B BRIDGE PLOT 01	GDC	34 401N	139 316E S	INDP02WT
1819	9	576			NVBP E BRIDGE PLOT 01	GDC	28 575N	143 483E S	INDP02WT
1930	9	576			NVBP B BRIDGE PLOT 02	GDC	28 572N	143 481E S	INDP02WT
2336	11	576			NVBP E BRIDGE PLOT 02	GDC	23 365N	143 170E S	INDP02WT
200	12	576			NVBP B BRIDGE PLOT 03	GDC	23 94N	143 188E S	INDP02WT
950	15	576			NVBP E BRIDGE PLOT 03	GDC	18 172N	147 484E S	INDP02WT
950	15	576			NVBP B BRIDGE PLOT 04	GDC	18 172N	147 484E S	INDP02WT
1552	18	576			NVBP E BRIDGE PLOT 04	GDC	13 50N	144 597E S	INDP02WT
455	5	576			NVCP B COMPUTER DR PLOT 01	GDC	35 274N	139 386E S	INDP02WT
2230	5	576			NVCP E COMPUTER DR PLOT 01	GDC	32 523N	138 193E S	INDP02WT
2240	5	576			NVCP B COMPUTER DR PLOT 02	GDC	32 509N	138 182E S	INDP02WT
5	11	576			NVCP E COMPUTER DR PLOT 02	GDC	26 504N	143 5E S	INDP02WT
15	11	576			NVCP B COMPUTER DR PLOT 03	GDC	26 487N	143 13E S	INDP02WT
0	15	576			NVCP E COMPUTER DR PLOT 03	GDC	20 2N	147 394E S	INDP02WT
10	15	576			NVCP B COMPUTER DR PLOT 04	GDC	19 585N	147 395E S	INDP02WT
1735	16	576			NVCP E COMPUTER DR PLOT 04	GDC	12 595N	148 506E S	INDP02WT
1745	16	576			NVCP B COMPUTER DR PLOT 05	GDC	12 595N	148 505E S	INDP02WT
2245	18	576			NVCP E COMPUTER DR PLOT 05	GDC	13 246N	144 343E S	INDP02WT
					MAGNETOMETER				
1022	5	576			MGR B MAGNETICS R-01	GDC	34 396N	139 313E S	INDP02WT
244	10	576			MGR E MAGNETICS R-01	GDC	28 153N	142 474E S	INDP02WT
1611	10	576			MGR B MAGNETICS R-02	GDC	28 32N	142 288E S	INDP02WT
1915	17	576			MGR E MAGNETICS R-02	GDC	12 590N	146 100E S	INDP02WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
***FATHOGRAMS ***									
1010	5	576			DPR3 B GDR 3.5KHZ R-01	GDC	34 406N	139 318E S	INDP02WT
2232	7	576			DPR3 E GDR 3.5KHZ R-01	GDC	31 316N	141 419E S	INDP02WT
2335	7	576			DPR3 B GDR 3.5KHZ R-02	GDC	31 371N	141 551E S	INDP02WT
607	11	576			DPR3 E GDR 3.5KHZ R-02	GDC	26 11N	143 139E S	INDP02WT
1108	11	576			DPR3 B GDR 3.5KHZ R-03	GDC	26 1N	143 137E S	INDP02WT
920	13	576			DPR3 E GDR 3.5KHZ R-03	GDC	22 305N	145 558E S	INDP02WT
1710	13	576			DPR3 B GDR 3.5KHZ R-04	GDC	22 272N	145 536E S	INDP02WT
900	15	576			DPR3 E GDR 3.5KHZ R-04	GDC	18 257N	147 479E S	INDP02WT
909	15	576			DPR3 B GDR 3.5KHZ R-05	GDC	18 241N	147 480E S	INDP02WT
1130	17	576			DPR3 E GDR 3.5KHZ R-05	GDC	12 591N	147 286E S	INDP02WT
1239	17	576			DPR3 B GDR 3.5KHZ R-06	GDC	12 588N	147 284E S	INDP02WT
1349	18	576			DPR3 E GDR 3.5KHZ R-06	GDC	13 59N	144 598E S	INDP02WT
1013	5	576			DPRT B GDR 12KHZ R-01	GDC	34 405N	139 317E S	INDP02WT
1452	8	576			DPRT E GDR 12KHZ R-01	GDC	31 393N	143 212E S	INDP02WT
2111	8	576			DPRT B GDR 12KHZ R-02	GDC	31 416N	143 204E S	INDP02WT
607	11	576			DPRT E GDR 12KHZ R-02	GDC	26 11N	143 139E S	INDP02WT
1005	11	576			DPRT B GDR 12KHZ R-03	GDC	26 0N	143 136E S	INDP02WT
1810	11	576			DPRT E GDR 12KHZ R-03	GDC	24 387N	143 197E S	INDP02WT
1833	11	576			DPRT B GDR 12KHZ R-04	GDC	24 341N	143 188E S	INDP02WT
2144	11	576			DPRT E GDR 12KHZ R-04	GDC	23 576N	143 158E S	INDP02WT
2146	11	576			DPRT B GDR 12KHZ R-05	GDC	23 572N	143 158E S	INDP02WT
920	13	576			DPRT E GDR 12KHZ R-05	GDC	22 305N	145 558E S	INDP02WT
1645	13	576			DPRT B GDR 12KHZ R-06	GDC	22 273N	145 536E S	INDP02WT
920	15	576			DPRT E GDR 12KHZ R-06	GDC	18 223N	147 481E S	INDP02WT
922	15	576			DPRT B GDR 12KHZ R-07	GDC	18 219N	147 482E S	INDP02WT
1130	17	576			DPRT E GDR 12KHZ R-07	GDC	12 591N	147 286E S	INDP02WT
1231	17	576			DPRT B GDR 12KHZ R-08	GDC	12 588N	147 284E S	INDP02WT
1352	18	576			DPRT E GDR 12KHZ R-08	GDC	13 60N	144 598E S	INDP02WT
GRAVIMETRIC RECORDS CURATOR L.M. DORMAN (EXT.2406)									
455	5	576			GVR B GRAVITYMETER R-01	LMD	35 274N	139 386E S	INDP02WT
1300	9	576			GVR E GRAVITYMETER R-01	LMD	29 11N	143 501E S	INDP02WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.		DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1330	9 576			GVR B	GRAVITYMETER R-02		LMD	28 590N	143 499E S	INDP02WT
1005	14 576			GVR E	GRAVITYMETER R-02		LMD	22 309N	147 316E S	INDP02WT
1011	14 576			GVR B	GRAVITYMETER R-03		LMD	22 298N	147 316E S	INDP02WT
2257	18 576			GVR E	GRAVITYMETER R-03		LMD	13 246N	144 343E S	INDP02WT
HYDROGRAPHIC CAST										
1335	12 576			HCFV B	TSON	3868	DCP	22 303N	144 98E S	INDP02WT
1707	13 576			HCFV E	TSON	3868	DCP	22 272N	145 535E S	INDP02WT
1955	17 576			HCFV B	TSON	9846	DCP	12 592N	146 95E S	INDP02WT
146	18 576			HCFV E	TSON	9846	DCP	12 577N	146 100E S	INDP02WT
618	6 576			HCNA	TSON	1 S	DCP	31 494N	137 304E S	INDP02WT
759	6 576			HCNA	TSON	1 D	DCP	31 494N	137 306E S	INDP02WT
1655	6 576			HCNA		2	DCP	31 572N	138 309E S	INDP02WT
2108	6 576			HCNA	TSON	3 D	DCP	32 37N	138 214E S	INDP02WT
2322	6 576			HCNA	TSON	3 S	DCP	32 60N	138 221E S	INDP02WT
907	7 576			HCNA	TS	4	DCP	31 442N	140 130E S	INDP02WT
1538	7 576			HCNA	TSON	5 D	DCP	31 370N	141 116E S	INDP02WT
1911	7 576			HCNA	TSON	5 S	DCP	31 337N	141 130E S	INDP02WT
248	8 576			HCNA	TSON	6 D	DCP	31 423N	142 132E S	INDP02WT
817	8 576			HCNA	TSON	6 S	DCP	31 437N	142 116E S	INDP02WT
1714	8 576			HCNA	TSON	7 D	DCP	31 405N	143 209E S	INDP02WT
2138	8 576			HCNA	TSON	7 S	DCP	31 419N	143 206E S	INDP02WT
1530	9 576			HCNA	TSON	8 D	DCP	28 585N	143 478E S	INDP02WT
1914	9 576			HCNA	TSON	8 S	DCP	28 573N	143 480E S	INDP02WT
450	10 576			HCNA	TSON	9 M	DCP	28 162N	142 486E S	INDP02WT
820	10 576			HCNA	TSON	9 D	DCP	28 160N	142 485E S	INDP02WT
1125	10 576			HCNA	TSON	9 S	DCP	28 166N	142 453E S	INDP02WT
1514	10 576			HCNA	TS	10	DCP	28 35N	142 292E S	INDP02WT
747	11 576			HCNA	TSON	11 D	DCP	26 7N	143 141E S	INDP02WT
1045	11 576			HCNA	TSON	11 S	DCP	26 1N	143 137E S	INDP02WT
645	12 576			HCNA	TSON	12	DCP	22 312N	143 150E S	INDP02WT
1515	12 576			HCNA	TSON	13 D	DCP	22 299N	144 111E S	INDP02WT
1851	12 576			HCNA	TSON	13 S	DCP	22 295N	144 118E S	INDP02WT
122	13 576			HCNA	TSON	14 D	DCP	22 298N	145 24E S	INDP02WT
408	13 576			HCNA	TSON	14 S	DCP	22 299N	145 16E S	INDP02WT
1200	13 576			HCNA	TSON	15 D	DCP	22 288N	145 546E S	INDP02WT
1708	13 576			HCNA	TSON	15 S	DCP	22 272N	145 535E S	INDP02WT
424	14 576			HCNA	TSON	16 D	DCP	22 307N	147 308E S	INDP02WT
825	14 576			HCNA	TSON	16 S	DCP	22 319N	147 306E S	INDP02WT
2012	16 576			HCNA	TSON	17D	DCP	12 593N	148 497E S	INDP02WT
2317	16 576			HCNA	TSON	17S	DCP	12 588N	148 498E S	INDP02WT
921	17 576			HCNA	TSO	18D	DCP	12 596N	147 291E S	INDP02WT
1226	17 576			HCNA	TSO	18S	DCP	12 589N	147 284E S	INDP02WT
2124	17 576			HCNA	TSON	19D	DCP	12 589N	146 91E S	INDP02WT
158	18 576			HCNA	TSON	19S	DCP	12 577N	146 100E S	INDP02WT
1500	18 576			HCNA	TSON	20	DCP	13 54N	144 597E S	INDP02WT

TIME GMT	DATE D.M.Y.	TIME TZ LOC	SAMP LOC	CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
SALINITY, TEMPERATURE, DEPTH									
541	6 576	TDDT	1	SH	1 1100M S20	DCP	31 494N	137 305E	S INDP02WT
651	6 576	TDDT	1	DP	2 4050M S16	DCP	31 494N	137 303E	S INDP02WT
1755	6 576	TDDT	2		4 3200M S00	DCP	31 588N	138 308E	S INDP02WT
2108	6 576	TDDT	3	DP	6 3148M S14	DCP	32 37N	138 214E	S INDP02WT
2322	6 576	TDDT	3	SH	8 655M S14	DCP	32 60N	138 221E	S INDP02WT
834	7 576	TDDT	4		9 1500M S 3	DCP	31 442N	140 130E	S INDP02WT
1414	8 576	TDDT	5	DP	11 4050M S17	DCP	31 404N	143 139E	S INDP02WT
1832	8 576	TDDT	5	SH	13 900M S20	DCP	31 406N	143 209E	S INDP02WT
721	8 576	TDDT	6		14 1600M S20	DCP	31 431N	142 119E	S INDP02WT
1524	8 576	TDDT	7	DP	16 5800M S20	DCP	31 398N	143 210E	S INDP02WT
2050	8 576	TDDT	7	SH	17 1000M S20	DCP	31 414N	143 202E	S INDP02WT
1336	9 576	TDDT	8	DP	18 5850M S20	DCP	13 246N	144 343E	S INDP02WT
1830	9 576	TDDT	8	SH	20 1000M S20	DCP	28 574N	143 480E	S INDP02WT
312	10 576	TDDT	8	M	21 5025M S 8	DCP	28 162N	142 489E	S INDP02WT
1050	10 576	TDDT	8	SH	23 1081M S19	DCP	28 163N	142 455E	S INDP02WT
312	10 576	TDDT	9	M	21 5025M S 8	DCP	28 162N	142 489E	S INDP02WT
1050	10 576	TDDT	9	SH	23 1081M S19	DCP	28 163N	142 455E	S INDP02WT
1423	10 576	TDDT	10		25 1800M S 3	DCP	28 39N	142 296E	S INDP02WT
615	11 576	TDDT	11	DP	27 4400M S19	DCP	26 11N	143 140E	S INDP02WT
1041	11 576	TDDT	11	SH	29 850M S18	DCP	26 1N	143 137E	S INDP02WT
539	12 576	TDDT	12		30 2000M S24	DCP	22 308N	143 145E	S INDP02WT
1342	12 576	TDDT	13	DP	31 3910M S16	DCP	22 303N	144 99E	S INDP02WT
1812	12 576	TDDT	13	SH	33 1000M S20	DCP	22 299N	144 113E	S INDP02WT
2358	12 576	TDDT	14	DP	34 4475M S19	DCP	22 299N	145 20E	S INDP02WT
336	13 576	TDDT	14	SH	35 1005M S19	DCP	22 300N	145 16E	S INDP02WT
1623	13 576	TDDT	15		36 1500M S20	DCP	22 273N	145 539E	S INDP02WT
325	14 576	TDDT	16	DP	37 5700M S20	DCP	22 309N	147 309E	S INDP02WT
740	14 576	TDDT	16	SH	39 1405M S17	DCP	22 316N	147 309E	S INDP02WT
1821	16 576	TDDT	17	DP	41 5740M S19	DCP	12 594N	148 503E	S INDP02WT
2252	16 576	TDDT	17	SH	43 1100M S18	DCP	12 589N	148 497E	S INDP02WT
634	17 576	TDDT	18	DP	44 5618M S20	DCP	13 2N	147 298E	S INDP02WT
1153	17 576	TDDT	18	SH	46 1007M S19	DCP	12 590N	147 285E	S INDP02WT
116	18 576	TDDT	19		47 1500M S20	DCP	12 578N	146 99E	S INDP02WT
1400	18 576	TDDT	20		49 2100M S24	DCP	13 59N	144 598E	S INDP02WT
*** OPEN NET ***									
1011	6 576	ON1M	B		0	MIC	31 492N	137 308E	S INDP02WT
1037	6 576	ON1M	E		0	MIC	31 491N	137 306E	S INDP02WT
2004	7 576	ON1M	B		0	MIC	31 319N	141 138E	S INDP02WT
2026	7 576	ON1M	E		0	MIC	31 310N	141 142E	S INDP02WT
2003	9 576	ON1M	B		0	MIC	28 571N	143 484E	S INDP02WT
2032	9 576	ON1M	E		0	MIC	28 573N	143 495E	S INDP02WT
758	12 576	ON1M	B		0	MIC	22 314N	143 152E	S INDP02WT
817	12 576	ON1M	E		0	MIC	22 313N	143 156E	S INDP02WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
910	14 576			UN1M B	0	MIC	22 321N	147 308E	S INDP02WT
934	14 576			UN1M E	0	MIC	22 321N	147 312E	S INDP02WT
*** SURFACE NET ***									
1047	6 576			SNNU B	H	MIC	31 491N	137 306E	S INDP02WT
1057	6 576			SNNU E	H	MIC	31 490N	137 306E	S INDP02WT
2027	9 576			SNNU B	H	MIC	28 573N	143 493E	S INDP02WT
2037	9 576			SNNU E	H	MIC	28 574N	143 497E	S INDP02WT
822	12 576			SNNU B	H	MIC	22 314N	143 157E	S INDP02WT
832	12 576			SNNU E	H	MIC	22 314N	143 159E	S INDP02WT
939	14 576			SNNU B	H	MIC	22 321N	147 313E	S INDP02WT
949	14 576			SNNU E	H	MIC	22 321N	147 314E	S INDP02WT
*** MIDWATER TRAWL ***									
403	18 576			TMIK B	0	MIC	12 586N	146 91E	S INDP02WT
930	18 576			TMIK E	0	MIC	12 583N	145 524E	S INDP02WT
*** BATHYTHERMOGRAPH *** CURATOR CAROL CONWAY (EXT. 2087)									
0	5 576			BTX	NO. SAMPLES = 8	DCP	35 273N	139 382E	S INDP02WT
0	6 576			BTX	NO. SAMPLES = 7	DCP	32 395N	138 89E	S INDP02WT
0	7 576			BTX	NO. SAMPLES = 9	DCP	32 62N	138 244E	S INDP02WT
0	8 576			BTX	NO. SAMPLES = 5	DCP	31 392N	142 3E	S INDP02WT
0	9 576			BTX	NO. SAMPLES = 12	DCP	31 259N	143 206E	S INDP02WT
0	10 576			BTX	NO. SAMPLES = 5	DCP	28 335N	143 163E	S INDP02WT
0	11 576			BTX	NO. SAMPLES = 11	DCP	26 513N	143 1E	S INDP02WT
0	12 576			BTX	NO. SAMPLES = 8	DCP	23 320N	143 173E	S INDP02WT
0	13 576			BTX	NO. SAMPLES = 5	DCP	22 299N	145 20E	S INDP02WT
0	14 576			BTX	NO. SAMPLES = 8	DCP	22 298N	147 36E	S INDP02WT
0	16 576			BTX	NO. SAMPLES = 10	DCP	15 525N	148 141E	S INDP02WT
0	16 576			BTX	NO. SAMPLES = 16	DCP	15 525N	148 141E	S INDP02WT
0	17 576			BTX	NO. SAMPLES = 7	DCP	12 586N	148 481E	S INDP02WT

99 END SAMPLE INDEX