

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA
(Issued February 1988)

ATOM EXPEDITION

LEG 2

San Diego, California (12 November 1986)
to
San Diego, California (16 December 1986)

R/V Melville

Chief Scientist - K. L. Smith (SIO)

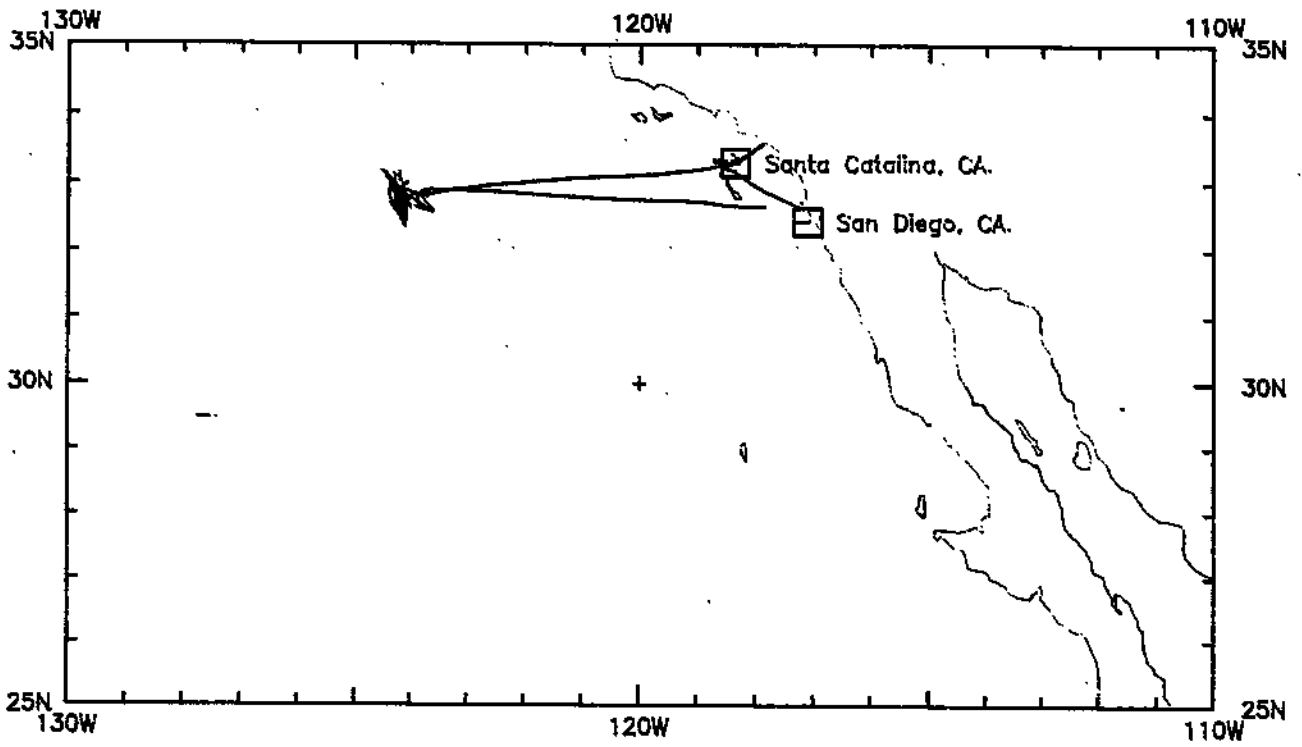
Resident Marine Technician - R. Wilson

Post-Cruise Processing and Report Preparation
by Geological Data Center, Scripps Institution of Oceanography

Data Collection and Processing Funded by NSF
Grant Number OCE83-17741

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.

GDC Cruise I.D.# 224



ATOM Leg 2 Melville (ATOM02MV)

✱

**** PORTS ***

0030 121186	LGPT B SAN DIEGO, CA.	32-43 N 117-11 W	FATOMO2MV
0400 161286	LGPT E SAN DIEGO, CA.	32-43 N 117-11 W	FATOMO2MV

****PERSONNEL****

	NAME	***TITLE***	***AFFILIATION***	**GRID**
PECS MBR	SMITH, K.L.	CHIEF SCIENTIST	SCRIPPS INSTITUTION	ATOMO2MV
PERT STS	WILSON, R.	RESIDENT TECH	SCRIPPS INSTITUTION	ATOMO2MV
PEET PCF	SCHMITT, J.	ELECTRONIC TECH	SCRIPPS INSTITUTION	ATOMO2MV
PEET MBR	EDELMAN, J.	ELECTRONIC TECH	SCRIPPS INSTITUTION	ATOMO2MV
PESP MBR	BALDWIN, R.	RESEARCH ASSOC	SCRIPPS INSTITUTION	ATOMO2MV
PESP MBR	LAVER, M.	RESEARCH ASSOC	SCRIPPS INSTITUTION	ATOMO2MV
PEST SIX	TIEN, R.	STUDENT	UNIV.OF MIAMI	ATOMO2MV
PEST SIX	JACKSON, J.	STUDENT	UNIV.OF MIAMI	ATOMO2MV
PEST SIX	SCHWABLE, T.	STUDENT	UNIV.OF MIAMI	ATOMO2MV
PEST SIX	PRIEDE, M.	STUDENT	SCOTLAND	ATOMO2MV

****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	LOC	T	SAMP	SAMPLE	DISP	LAT.	LONG.	CRUISE
#TIME	DATE	TIME	Z	CODE	IDENTIFIER	CODE			LEG-SHIP

***UNDERWAY DATA CURATOR - S. M. SMITH EXT. 41898

*** LOG BOOKS ***

0044	131186			LBSC	B CTD CONSOLE LOG	ODF	33-170N	118-359W	sATOMO2MV
2107	131286			LBSC	B CTD CONSOLE LOG	ODF	32-427N	124-123W	sATOMO2MV
2210	201186			LBSC	B MOCNESS LOG BOOK	ODF	32-467N	124-107W	sATOMO2MV
0000	121286			LBSC	E MOCNESS LOG BOOK	ODF	32-421N	124-179W	sATOMO2MV

*** ECHOSOUNDER RECORDS ***

1507	121186			DPRT	B EDO 12KHZ R-01	GDC	33-118N	118-271W	sATOMO2MV
1635	041286			DPRT	E EDO 12KHZ R-01	GDC	32-452N	124-088W	sATOMO2MV
1646	041286			DPRT	B EDO 12KHZ R-02	GDC	32-449N	124-087W	sATOMO2MV
1825	131286			DPRT	E EDO 12KHZ R-02	GDC	32-442N	124-127W	sATOMO2MV

*** ACOUSTIC SAMPLES ***

1854	121186			ACFV	B ACCOUSTIC ARRAY	KLS	33-179N	118-399W	sATOMO2MV
2053	131186			ACFV	E KLS101 700M	KLS	33-208N	118-434W	sATOMO2MV
0434	141186			ACFV	B ACCOUSTIC ARRAY	KLS	33-200N	118-398W	sATOMO2MV
1010	141186			ACFV	E KLS106 1307	KLS	33-198N	118-403W	sATOMO2MV
1605	151186			ACFV	B ACCOUSTIC ARRAY	KLS	33-205N	118-432W	sATOMO2MV
0036	161186			ACFV	E KLS109 1312M	KLS	33-209N	118-436W	sATOMO2MV
0303	191186			ACFV	B ACCOUSTIC ARRAY	KLS	32-443N	124-090W	sATOMO2MV
1912	191186			ACFV	E KLS120 4275M	KLS	32-517N	124-118W	sATOMO2MV
0224	201186			ACFV	B ACCOUSTIC ARRAY	KLS	32-550N	124-138W	sATOMO2MV
1400	201186			ACFV	E KLS127 4535M	KLS	32-548N	124-134W	sATOMO2MV
1703	241186			ACFV	B ACCOUSTIC ARRAY	KLS	32-409N	124-056W	sATOMO2MV
0428	251186			ACFV	E KLS143 4525M	KLS	32-405N	124-068W	sATOMO2MV
0447	261186			ACFV	B ACCOUSTIC ARRAY	KLS	32-452N	124-122W	sATOMO2MV
1630	261186			ACFV	E KLS149 4448M	KLS	32-403N	124-061W	sATOMO2MV

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2124 1849	271186 281186			ACFV B ACFV E	ACCOUSTIC ARRAY KLS153 4463M	KLS KLS	32-482N 32-425N	124-072W 124-065W	sATOMO2MV sATOMO2MV
2326 2033	011286 021286			ACFV B ACFV E	ACCOUSTIC ARRAY KLS165 4530M	KLS KLS	32-491N 32-430N	124-123W 124-072W	sATOMO2MV sATOMO2MV
1646 1453	031286 041286			ACFV B ACFV E	ACCOUSTIC ARRAY KLS170 4495M	KLS KLS	32-508N 32-433N	124-132W 124-070W	sATOMO2MV sATOMO2MV
1555 0903 0600	051286 061286 161186			ACFV B ACFV E	ACCOUSTIC ARRAY KLS174 M	KLS KLS	32-503N 33-028N 33-206N	124-126W 124-132W 118-350W	sATOMO2MV sATOMO2MV s
0023 0302	081286 091286			ACFV B ACFV E	ACCOUSTIC ARRAY KLS180 4540M	KLS KLS	32-469N 32-407N	124-103W 124-068W	sATOMO2MV sATOMO2MV
0028 0614	101286 111286			ACFV B ACFV E	ACCOUSTIC ARRAY KLS186 4490M	KLS KLS	32-419N 32-360N	124-051W 124-096W	sATOMO2MV sATOMO2MV
2226 0029	111286 131286			ACFV B ACFV E	ACCOUSTIC ARRAY KLS190 4480M	KLS KLS	32-415N 32-452N	124-116W 124-084W	sATOMO2MV sATOMO2MV
*** SEDIMENT TRAPS ***									
0030 2203	121186 121186			SDTR C SDTR E	SEDIMENT TRAP KLS117 4330M	KLS KLS	32-423N 33-122N	124-059W 118-309W	sATOMO2MV sATOMO2MV
1703 1800	181186 301186			SDTR B SDTR E	SED.TR/CUR.METER KLS117 4340M	KLS KLS	32-455N 32-450W	124-114W 124-121W	sATOMO2MV sATOMO2MV
0057 1805	251186 071286			SDTR B SDTR E	SEDIMENT TRAP KLS144 4313M	KLS KLS	32-524N 32-523N	124-090W 124-084W	sATOMO2MV sATOMO2MV
2216 1636	301186 131286			SDTR B SDTR E	SEDIMENT TRAP KLS161 4345M	KLS KLS	32-455N 32-443N	124-121W 124-124W	sATOMO2MV sATOMO2MV
*** OPEN NETS ***									
0326 0339	131186 131186			ON1M B ON1M E	VERTICAL 200M VERTICAL 200M	OM OM	SIX 33-171N SIX 33-174N	118-367W 118-364W	sATOMO2MV sATOMO2MV

#GMT #TIME #	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER		DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0719	181186			ON1M B	VERTICAL	800M 600M	SIX	32-503N	124-071W	sATOMO2MV
0838	181186			ON1M E	VERTICAL	800M 600M	SIX	32-504N	124-076W	sATOMO2MV
0900	181186			ON1M B	VERTICAL	600M 400M	SIX	32-505N	124-077W	sATOMO2MV
1010	181186			ON1M E	VERTICAL	600M 400M	SIX	32-508N	124-082W	sATOMO2MV
0717	191186			ON1M B	VERTICAL	800M 600M	SIX	32-390N	124-105W	sATOMO2MV
0835	191186			ON1M E	VERTICAL	800M 600M	SIX	32-390N	124-112W	sATOMO2MV
0845	191186			ON1M B	VERTICAL	600M 400M	SIX	32-391N	124-111W	sATOMO2MV
0942	191186			ON1M E	VERTICAL	600M 400M	SIX	32-393N	124-109W	sATOMO2MV
0515	201186			ON1M B	VERTICAL	200M 0M	SIX	32-508N	124-110W	sATOMO2MV
0542	201186			ON1M E	VERTICAL	200M 0M	SIX	32-509N	124-108W	sATOMO2MV
0554	201186			ON1M B	VERTICAL	200M 0M	SIX	32-509N	124-107W	sATOMO2MV
0618	201186			ON1M E	VERTICAL	200M 0M	SIX	32-510N	124-106W	sATOMO2MV
0625	201186			ON1M B	VERTICAL	400M 200M	SIX	32-510N	124-105W	sATOMO2MV
0712	201186			ON1M E	VERTICAL	400M 200M	SIX	32-508N	124-103W	sATOMO2MV
0719	201186			ON1M B	VERTICAL	400M 200M	SIX	32-507N	124-102W	sATOMO2MV
0810	201186			ON1M E	VERTICAL	400M 200M	SIX	32-512N	124-106W	sATOMO2MV
0820	201186			ON1M B	VERTICAL	400M 200M	SIX	32-514N	124-107W	sATOMO2MV
0856	201186			ON1M E	VERTICAL	400M 200M	SIX	32-518N	124-111W	sATOMO2MV
0724	231186			ON1M B	VERTICAL	1000M 600M	SIX	32-499N	124-125W	sATOMO2MV
0912	231186			ON1M E	VERTICAL	1000M 600M	SIX	32-494N	124-117W	sATOMO2MV
1116	231186			ON1M B	VERTICAL	200M 0M	SIX	32-431N	124-115W	sATOMO2MV
1135	231186			ON1M E	VERTICAL	200M 0M	SIX	32-421N	124-114W	sATOMO2MV
1148	231186			ON1M B	VERTICAL	200M 0M	SIX	32-415N	124-114W	sATOMO2MV
1205	231186			ON1M E	VERTICAL	200M 0M	SIX	32-406N	124-114W	sATOMO2MV
0712	241186			ON1M B	VERTICAL	400M 200M	SIX	32-521N	124-144W	sATOMO2MV
0755	241186			ON1M E	VERTICAL	400M 200M	SIX	32-520N	124-145W	sATOMO2MV
0809	241186			ON1M B	VERTICAL	400M 200M	SIX	32-520N	124-145W	sATOMO2MV
0851	241186			ON1M E	VERTICAL	400M 200M	SIX	32-519N	124-147W	sATOMO2MV

#GMT	DDMMYY	LOC T	SAMP	SAMPLE	DISP	LAT.	LONG.	CRUISE
#TIME	DATE	TIME Z	CODE	IDENTIFIER	CODE			LEG-SHIP

**** FREE FALL GRAB SAMPLES ****

1806	131186		GBFF B	TRIPOD FUGR		KLS 33-128N	118-324W	sATOMO2MV
0010	151186		GBFF E	KLS104	1275M	KLS 33-180N	118-222W	sATOMO2MV
2136	151186		GBFF B	TRIPOD		KLS 33-172N	118-370W	sATOMO2MV
1736	161186		GBFF E	KLS112	1316M	KLS 33-170N	118-371W	sATOMO2MV
2032	181186		GBFF B	TRIPOD		KLS 32-479N	124-084W	sATOMO2MV
0146	221186		GBFF E	KLS118	4304M	KLS 32-478N	124-096W	sATOMO2MV
2309	221186		GBFF B	TRIPOD		KLS 32-497N	124-138W	sATOMO2MV
2200	251186		GBFF E	KLS134	4404M	KLS 32-465N	124-103W	sATOMO2MV
1906	251186		GBFF B	TRIPOD GRAB		KLS 32-522N	124-140W	sATOMO2MV
1937	271186		GBFF E	KLS148	4400M	KLS 32-499N	124-113W	sATOMO2MV
700	041286		GBFF B	TRIPOD GRAB		KLS 32-446N	124-084W	sATOMO2MV
2235	071286		GBFF E	KLS	4350M	KLS 32-462N	124-092W	sATOMO2MV
2310	091286		GBFF B	TRIPOD GRAB		KLS 32-451N	124-079W	sATOMO2MV
2325	121286		GBFF E	KLS185	4310M	KLS 32-455N	124-102W	sATOMO2MV

**** CONDUCTIVITY, TEMPERATURE AND DEPTH WITH OXYGEN ****

0044	131186		TDOT B		3 BOTTLES	ODF 33-170N	118-359W	sATOMO2MV
0205	131186		TDOT E		1300M	ODF 33-168N	118-362W	sATOMO2MV
1950	141186		TDOT B			ODF 33-144N	118-348W	sATOMO2MV
2100	141186		TDOT E	KLS108		ODF 33-131N	118-347W	sATOMO2MV
1809	221186		TDOT B	SO	12 BOTTLES	ODF 32-454N	124-102W	sATOMO2MV
2215	221186		TDOT E		4000M	ODF 32-482N	124-133W	sATOMO2MV

#GMT #TIME #	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
**** FREE VEHICLE TRAPS ****									
1739	151186			TRFV B	1 TRAP RELEASE TEST	KLS	33-178N	118-413W	sATOMO2MV
0257	161186			TRFV E	KLS110 1317M	KLS	33-172N	118-367W	sATOMO2MV
1900	151186			TRFV B	1 TRAP RELEASE TEST	KLS	33-171N	118-388W	sATOMO2MV
0237	161186			TRFV E	KLS110 1317M	KLS	33-170N	118-374W	sATOMO2MV
1517	161186			TRFV B	1 TRAP RELEASE TEST	KLS	33-203N	118-399W	sATOMO2MV
2153	161186			TRFV E	KLS114 1270M	KLS	33-194N	118-382W	sATOMO2MV
**** SPECIAL NETS ****									
2328	131186			OCMN B	MOCNESS 10m2 OBLIQUE	ODF	33-201N	118-401W	sATOMO2MV
0230	141186			OCMN E	KLS105 500M OM	ODF	33-163N	118-442W	sATOMO2MV
2210	201186			OCMN B	MOCNESS 10m2	KLS	32-467N	124-107W	sATOMO2MV
1845	211186			OCMN E	KLS132 6 NETS	KLS	33-009N	124-204W	sATOMO2MV
1420	231186			OCMN B	MOCNESS 10m2	KLS	32-369N	124-121W	sATOMO2MV
0001	241186			OCMN E	KLS140 6 NETS	KLS	32-525N	124-167W	sATOMO2MV
0455	291186			OCMN B	MOCNESS 10m2	KLS	32-341N	123-404W	sATOMO2MV
1600	291186			OCMN E	KLS158 6 NETS	KLS	32-482N	123-547W	sATOMO2MV
0307	011286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-405N	124-099W	sATOMO2MV
1500	011286			OCMN E	KLS164 500M OM	KLS	32-598N	124-041W	sATOMO2MV
0415	021286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-495N	124-150W	sATOMO2MV
1600	021286			OCMN E	KLS168 500M OM	KLS	33-026N	124-118W	sATOMO2MV
2308	021286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-448N	124-087W	sATOMO2MV
1100	031286			OCMN E	KLS169 500M OM	KLS	33-040N	124-271W	sATOMO2MV
2210	031286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-514N	124-139W	sATOMO2MV
0920	041286			OCMN E	KLS171	KLS	32-580N	124-215W	sATOMO2MV

#GMT #TIME #	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1820	041286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-437N	124-079W	sATOMO2MV
0620	051286			OCMN E	KLS173 500M OM	KLS	33-009N	124-247W	sATOMO2MV
1720	051286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-470N	124-085W	sATOMO2MV
0500	061286			OCMN E	KLS175	KLS	33-090N	124-131W	sATOMO2MV
1955	061286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-462N	124-110W	sATOMO2MV
0800	071286			OCMN E	KLS178	KLS	32-545N	124-176W	sATOMO2MV
0754	081286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-202N	124-073W	sATOMO2MV
2100	081286			OCMN E	KLS182 400M	KLS	32-437N	124-179W	sATOMO2MV
0800	091286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-355N	124-058W	sATOMO2MV
2000	091286			OCMN E	KLS184 600M	KLS	32-550N	124-180W	sATOMO2MV
0200	101286			OCMN B	MOCNESS 10m2 2 NETS	KLS	32-393N	124-036W	sATOMO2MV
0620	101286			OCMN E	KLS187	KLS	32-400N	124-054W	sATOMO2MV
300	101286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-209N	124-076W	sATOMO2MV
0103	111286			OCMN E	KLS188	KLS	32-408N	124-225W	sATOMO2MV
0900	111286			OCMN B	MOCNESS 10m2 6 NETS	KLS	32-271N	124-069W	sATOMO2MV
1900	111286			OCMN E	KLS189	KLS	32-390N	124-180W	sATOMO2MV
1400	121286			OCMN B	MOCNESS 10m2 5 NETS	KLS	32-359N	124-112W	sATOMO2MV
2000	121286			OCMN E	KLS194	KLS	32-478N	124-131W	sATOMO2MV
*** ISACC-KIDD MIDWATER TRAWL ***									
0413	161186			TMIK B	MIDWATER TRAWL OBLIQ	SIX	33-153N	118-333W	sATOMO2MV
0600	161186			TMIK E	KLS113 500M OM	ODF	33-206N	118-350W	sATOMO2MV
0610	261186			TMIK B	MIDWATER TRAWL	SIX	32-467N	124-130W	sATOMO2MV
1036	261186			TMIK E	OBLIQUE 800M OM	ODF	32-496N	124-124W	sATOMO2MV

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0608 1104	281186 281186			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 1200M	OM	SIX 32-359N ODF 32-435N	124-007W 124-084W	sATOMO2MV sATOMO2MV
0606 1102	301186 301186			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 1650M	OM	SIX 32-312N ODF 32-423N	124-082W 124-153W	sATOMO2MV sATOMO2MV
0716 1037	061286 061286			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 600M	OM	SIX 33-060N ODF 33-055N	124-129W 124-169W	sATOMO2MV sATOMO2MV
1112 1426	061286 061286			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 200M	OM	SIX 33-055N ODF 33-017N	124-170W 124-179W	sATOMO2MV sATOMO2MV
1004 1332	071286 071286			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 400M	OM	SIX 32-523N ODF 32-597N	124-146W 124-184W	sATOMO2MV sATOMO2MV
0412 0700	091286 091286			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 200M	OM	SIX 32-363N ODF 32-369N	124-057W 124-068W	sATOMO2MV sATOMO2MV
0402 0820	121286 121286			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 1200M	OM	SIX 32-376N ODF 32-424N	124-152W 124-130W	sATOMO2MV sATOMO2MV
0910 1420	121286 121286			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 400M	OM	SIX 32-437N ODF 32-356N	124-131W 124-111W	sATOMO2MV sATOMO2MV
0400 0750	131286 131286			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 600M	OM	SIX 32-374N ODF 32-435N	124-043W 124-065W	sATOMO2MV sATOMO2MV
0800 1030	131286 131286			TMIK TMIK	B MIDWATER TRAWL E OBLIQUE 400M	OM	SIX 32-439N ODF 32-485N	124-066W 124-103W	sATOMO2MV sATOMO2MV
*** CURRENT METERS ***									
1604	191186			CMAB	X CURRENT METER KLS123	KLS	32-494N	124-137W	sATOMO2MV
0036 0558	231186 241186			CMAB CMAB	B CURRENT METER E KLS135 4540M	KLS	32-522N 32-524N	124-147W 124-143W	sATOMO2MV sATOMO2MV
1607 1515	251186 271186			CMAB CMAB	B CURRENT METER E KLS146	KLS	32-527N 32-518N	124-138W 124-120W	sATOMO2MV sATOMO2MV

#GMT #TIME #	DDMMYY DATE	LOC TIME Z	T	SAMP CODE	SAMPLE IDENTIFIER		DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2311	271186			CMAB	B CURRENT METER		KLS	32-477N	124-032W	sATOMO2MV
0015	281186			CMAB	E KLS154	4379M	KLS	32-478N	124-045W	sATOMO2MV
2340	301186			CMAB	B CURRENT METER		KLS	32-501N	124-130W	sATOMO2MV
2116	011286			CMAB	E KLS162	4540M	KLS	32-485N	124-111W	sATOMO2MV
0121	021286			CMAB	B CURRENT METER		KLS	32-528N	124-143W	sATOMO2MV
1446	051286			CMAB	E KLS166	4535M	KLS	32-532N	124-139W	sATOMO2MV
*** CAMERA ***										
1803	191186			CAFV	B VIDEO CAMERA		KLS	32-523N	124-116W	sATOMO2MV
1614	201186			CAFV	E KLS124	4621M	KLS	32-517N	124-129W	sATOMO2MV
0251	231186			CAFV	B VIDEO CAMERA		KLS	32-523N	124-136W	sATOMO2MV
0513	241186			CAFV	E KLS136	4544M	KLS	32-527N	124-142W	sATOMO2MV
0906	251186			CAFV	B VIDEO CAMERA		KLS	32-522N	124-140W	sATOMO2MV
1937	271186			CAFV	E KLS147	4463M	KLS	32-499N	124-113W	sATOMO2MV
0046	271186			CAFV	B VIDEO CAMERA		KLS	32-465N	124-049W	sATOMO2MV
0146	271186			CAFV	E KLS155	4470M	KLS	32-476N	124-171W	sATOMO2MV
2303	281186			CAFV	B VIDEO CAMERA		KLS	32-481N	124-046W	sATOMO2MV
0228	301186			CAFV	E KLS157	4355M	KLS	32-449N	124-049W	sATOMO2MV
0058	011286			CAFV	B VIDEO CAMERA		KLS	32-486N	124-114W	sATOMO2MV
1803	011286			CAFV	E KLS163	4535M	KLS	32-535N	124-113W	sATOMO2MV
0230	021286			CAFV	B VIDEO CAMERA		KLS	32-555N	124-151W	sATOMO2MV
2101	031286			CAFV	E KLS167		KLS	32-535N	124-160W	sATOMO2MV
0308	081286			CAFV	B VIDEO CAMERA		KLS	32-453N	124-118W	sATOMO2MV
0052	091286			CAFV	E KLS181	4537M	KLS	32-524N	124-132W	sATOMO2MV

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP

*** BIOLOGICAL SAMPLE WITH HOOK AND LINE ***									
2103	191186			BLHL	HOOKS	KLS	32-510N	124-126W	sATOMO2MV
*** HYDROCAST ***									
0055	121286			HCNI	IBOT	PMW	32-418N	124-180W	sATOMO2MV
*** CONDUCTIVITY, TEMPERATURE AND DEPTH ***									
0044	131186			TDCT B SO	2 BOTTLES	ODF	33-170N	118-359W	sATOMO2MV
0205	131186			TDCT E SO	2 BOTTLES	ODF	33-168N	118-362W	sATOMO2MV
1950	131186			TDCT B SO	4 BOTTLES	ODF	33-144N	118-348W	sATOMO2MV
2103	131186			TDCT E SO	4 BOTTLES	ODF	33-211N	118-435W	sATOMO2MV
2215	181186			TDCT B SO	12 BOTTLES	ODF	32-476N	124-083W	sATOMO2MV
0125	191186			TDCT E SO	12 BOTTLES	ODF	32-477N	124-103W	sATOMO
1109	221186			TDCT B SO	NO BOTTLES	ODF	32-510N	124-141W	sATOMO2MV
2151	221186			TDCT E SO	NO BOTTLES	ODF	32-475N	124-130W	sATOMO2MV
2257	251186			TDCT B SO	12 BOTTLES	ODF	32-462N	124-105W	sATOMO2MV
0250	261186			TDCT E SO	12 BOTTLES	ODF	32-450N	124-113W	sATOMO2MV
1659	131286			TDCT B SO	12 BOTTLES	ODF	32-444N	124-125W	sATOMO2MV
2107	131286			TDCT E SO	12 BOTTLES	ODF	32-427N	124-123W	sATOMO2MV
#	END SAMPLE INDEX								