

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100063	077813	C116		3101	PAA1		08/22/90	10/02/90	9	9
9100063	077814	C116		3101	32CM		07/21/90	08/25/90	45	45
9100063	077815	C116		3101	26LC		07/14/90	08/17/90	26	26
9100063	077816	C116		3101	PAAB		06/08/90	07/14/90	16	16
9100063	077817	C116		3101	PAAB		11/11/90	01/01/91	36	36
9100063	077818	C116		3101	PAAA		07/18/90	10/10/90	12	12
9100063	077819	C116		3101	26MT		07/05/90	07/29/90	12	12
9100063	077820	C116		3101	26MW		08/15/90	09/02/90	42	42
9100063	077821	C116		3101	26MW		09/11/90	10/13/90	45	45
9100063	077822	C116		3101	26MW		11/26/90	12/28/90	45	45
9100063	077823	C116		3101	26MW		12/28/90	01/14/91	26	26
9100063	077824	C116		3101	54PA		08/15/90	09/01/90	41	41
9100063	077825	C116		3101	54PA		09/13/90	10/01/90	41	41
9100063	077826	C116		3101	54PA		11/14/90	11/27/90	31	31
9100063	077827	C116		3101	320N		08/08/90	10/02/90	46	46
9100063	077828	C116		3101	49CC		07/28/90	08/16/90	29	29
9100063	077829	C116		3101	49CC		09/01/90	12/09/90	73	73
9100063	077830	C116		3101	32Q7		08/02/90	08/11/90	10	10

585

ACCESSION NO. 9100063FILETYPE C116

TRACK NO. _____

PROJECT
IDENTIFICATION VOSP.

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE <u>DisKette</u>	<u>3-19-91</u>	<u>FJM</u>	<u>-</u>	<u>18</u>			<u>585</u>
DUPLICATE <u>DAMUS DISK</u>		<u>FJM</u>	<u>DNODC* NORMOUT</u>	<u>1</u>		<u>224</u>	<u>585</u>
REFORMATTED TAPE			<u>NORMOUT</u>	<u>1</u>		<u>VARIABLE</u>	<u>585</u>
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: Tape W00504 DNODC* NORMOUT.

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)


COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

Dr. Norman F. Hall
Southwest Liaison Officer
NOAA/NESDIS/NODC
P.O. Box 271
La Jolla, CA 92038-0271

March 14, 1991

Phone (619) 546-7110
FTS 893-7110

Francis J. Mitchell
Oceanographer (E/OC 13)
Data Acquisition and Management Branch
National Oceanographic Data Center
Room 416, Universal Building
1825 Connecticut Ave., NW
Washington, DC 20235

Dear ~~Mr. Mitchell~~, 

Enclosed is one MS-DOS data disks containing XBT data submitted to me by Dave Cutchin of the Scripps Volunteer Observing Ship Program, and by Steve Cook, NOS. All of this data was originally in .SIO format. I have edited and re-formatted the data into NODC XBT format.

The format is described on the disk in the file ODC-FMT.DOC, and the file LIST.DOC gives the start date, end date, and the number of drops in each cruise. Printouts of these files are also enclosed. The physical format is low-density 640 KB PC diskettes.

If you have any questions or difficulties with this data, please call me.

Sincerely,



Norman Hall
Liaison Officer

Encl: Data disk
File Format Description



ACC: 9100063

F. Mitchell

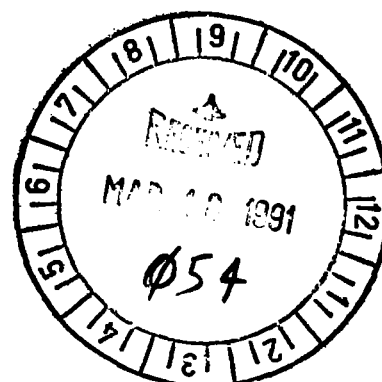
585 DROPS

LIST .

Wednesday, March 13, 1991 12:01 pm

Page 1

IGN	CRUISE	DFS	START	END	
SHIN KASHU MARU					
7JOB	SK10-	29	900728	900816	
7JOB	SK11-	73	900901	901209	49CC ✓
POLYNESIA					
D5NZ	PN06-	41	900815	900901	
D5NZ	PN07-	41	900913	901001	54PA ✓
D5NZ	PN08-	31	901114	901127	
MICRONESIAN INDEPENDENCE					
H9BQ	MI03-	12	900718	901010	PAAA ✓
MICRONESIAN COMMERCE					
HPAN	MC03-	16	900608	900714	
HPAN	MC05-	36	901111	910101	PAAB ✓
ASIAN PROGRESS					
HPYZ	AN02-	9	900822	901002	PAA1 ✓
SEALAND TRADER					
KIRH	ST06-	10	900802	900811	32Q7 ✓
SEALAND ENTERPRISE					
RGB	SE06-	46	900808	901002	32QV ✓
MOANA PACIFIC					
OWU06	NM13-	42	900815	900902	
OWU06	NM14-	45	900911	901013	
OWU06	NM16-	45	901126	901228	26MW ✓
OWU06	NM17-	26	901228	910114	
MCKINNEY MAERSK					
OWEQ2	MK04-	12	900705	900729	26MT ✓
LARS MAERSK					
OXMD2	LR04-	26	900714	900817	26LC ✓
CHEVRON MISSISSIPPI					
WXBR	CM04-	45	900721	900825	32CM ✓



The data on this disk are in the following format, following specifications in the NODC User's Guide:

```

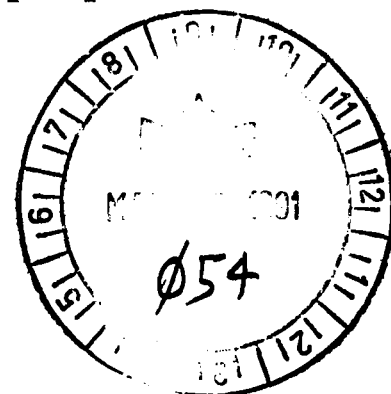
      1      2      3      4      5      6
12345678901234567890123456789012345678901234567890123456789
X QDDMMXNPDMMXEPYMMDDHHMMP XXXXXXXXXYYY
X 740204N1136521W188071600 3 3EZG5 1 1

```

```

      1      1
      0      1
7 01234567890123456789012345678901234567890
14 0532FF PPPP DDDDTTTTDDDDTTTDDDDTTT...
14 053204 15 41620 101589 261569...

```



```

01 01 ALWAYS X
02 02 ALWAYS BLANK
03 03 QUADRANT
04 10 LATITUDE (D=Degrees, M=Minutes, X=tenths, N=North or South,
      P=Precision: 1 => nearest minute or better)
11 18 LONGITUDE (D, M, X, P as above; E=East or West)
24 DATE (Y=Year, M=Month, D=Day)
29 TIME (H=Hour, M=Minute, P=Precision: 3 => nearest hour)
50 54 (Left blank for use by NODC)
55 62 ORIGINATOR'S CRUISE NUMBER (callsign + sequential cruise number)
63 66 CONSECUTIVE NUMBER
67 72 (Left blank -- for paper chart data only)
73 73 INSTRUMENT TYPE (1 => Shipboard XBT)
74 74 GRID CODE (4 => 450 meter probe reporting in meters & deg. C.)
75 75 HIT BOTTOM (blank => no bottom contact)
76 77 DIGITIZATION METHOD (05 => direct digital output)
78 79 DIGITIZATION INTERVAL (32=> variable -- statistically determined)
80 81 TREATMENT AND STORAGE (02-06 => data compression with fit within
      02=0.05; 03=0.1; 04=0.2; 05=0.3; 06=0.7 degrees C.)
82 85 BOTTOM DEPTH (blank => unknown)
86 95 (Left blank -- for MBT data only)
96 99 NUMBER OF DATA PAIRS (right justified in field)
100 100 BLANK
101 104 DEPTH IN WHOLE METERS
105 108 TEMPERATURE IN HUNDREDTHS OF A DEGREE CENTIGRADE

```

(Depth and temperature pairs fill out the rest of the record ending with a carriage return-linefeed pair (ASCII 13 & 10))

Any questions, requests for alterations, complaints, notification of errors, etc. should be addressed to Norman Hall, NODC SW Liaison Office.

e (619) 456-7110
 FTS 893-7110

RUNID: DIARP . ACCT: EG13008N3AH9 PROJECT: DNODC

XPHASE 00

DIARP FIN

TIME: TOTAL: 00:00:09.320 CBSUPS: 633088
CPU: 00:00:00.002 I/O: 00:00:00.497
CC/ER: 00:00:08.820 WAIT: 00:02:19.443
SUAS USED: 0.58 SUAS REMAINING: 685810653.62
IMAGES READ: 4 PAGES: 1
START: 12:43:39 MAR 13.1991 FIN: 12:46:00 MAR 13.1991

TERMINAL INACTIVE

Directory: c:\hall*.*

.	<DIR>	1-01-80	4:20
..	<DIR>	1-01-80	4:20
an02-.odc	2406	3-11-91	23:50
em04-.odc	10630	3-12-91	23:02
lr04-.odc	6204	3-12-91	21:48
mc03-.odc	4016	3-11-91	22:45
mc05-.odc	8952	3-12-91	19:57
mi03-.odc	2944	3-11-91	22:18
mk04-.odc	2808	3-12-91	5:34
nm13-.odc	10540	3-12-91	2:26
nm14-.odc	11110	3-12-91	3:30
nm16-.odc	11158	3-12-91	4:33
nm17-.odc	6380	3-12-91	5:12
pn06-.odc	10270	3-12-91	19:14
pn07-.odc	10254	3-11-91	21:09
pn08-.odc	7602	3-11-91	21:55
se06-.odc	10956	3-12-91	21:04
sk10-.odc	6822	3-11-91	17:06
sk11-.odc	17070	3-12-91	18:26
st06-.odc	2452	3-12-91	0:08

167,936 bytes in 20 file(s)

15,319,040 bytes free

c:\hall>

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9100063	C116	077815	9999	3101	26LC	1990/07/14	NULL	197599
9100063	C116	077819	9999	3101	26MT	1990/07/05	NULL	197603
9100063	C116	077820	9999	3101	26MW	1990/08/15	NULL	197604
9100063	C116	077821	9999	3101	26MW	1990/09/11	NULL	197605
9100063	C116	077822	9999	3101	26MW	1990/11/26	NULL	197606
9100063	C116	077823	9999	3101	26MW	1990/12/28	NULL	197607
9100063	C116	077827	9999	3101	320N	1990/08/08	NULL	197611
9100063	C116	077814	9999	3101	32CM	1990/07/21	NULL	197598
9100063	C116	077830	9999	3101	32Q7	1990/08/02	NULL	197614
9100063	C116	077828	9999	3101	49CC	1990/07/28	NULL	197612
9100063	C116	077829	9999	3101	49CC	1990/09/01	NULL	197613
9100063	C116	077824	9999	3101	54PA	1990/08/15	NULL	197608
9100063	C116	077825	9999	3101	54PA	1990/09/13	NULL	197609
9100063	C116	077826	9999	3101	54PA	1990/11/14	NULL	197610
9100063	C116	077813	9999	3101	PAA1	1990/08/22	NULL	197597
9100063	C116	077818	9999	3101	PAAA	1990/07/18	NULL	197602
9100063	C116	077816	9999	3101	PAAB	1990/06/08	NULL	197600
9100063	C116	077817	9999	3101	PAAB	1990/11/11	NULL	197601

(18 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
9100063	C116	077815	26LC	26	26	90/07/14	90/08/17
9100063	C116	077819	26MT	12	11	90/07/05	90/07/29
9100063	C116	077820	26MW	42	42	90/08/15	90/09/02
9100063	C116	077821	26MW	45	45	90/09/11	90/10/13
9100063	C116	077822	26MW	45	45	90/11/26	90/12/28
9100063	C116	077823	26MW	26	26	90/12/28	91/01/14
9100063	C116	077827	320N	46	46	90/08/08	90/10/02
9100063	C116	077814	32CM	45	45	90/07/21	90/08/25
9100063	C116	077830	32Q7	10	10	90/08/02	90/08/11
9100063	C116	077828	49CC	29	29	90/07/28	90/08/16
9100063	C116	077829	49CC	73	73	90/09/01	90/12/09
9100063	C116	077824	54PA	41	41	90/08/15	90/09/01
9100063	C116	077825	54PA	41	41	90/09/13	90/10/01
9100063	C116	077826	54PA	31	31	90/11/14	90/11/27
9100063	C116	077813	PAA1	9	9	90/08/22	90/10/02
9100063	C116	077818	PAAA	12	12	90/07/18	90/10/10
9100063	C116	077816	PAAB	16	16	90/06/08	90/07/14
9100063	C116	077817	PAAB	36	36	90/11/11	91/01/01

(18 rows affected)