

DATA DOCUMENTATION FORM

FOIS

TV3354-TV3438

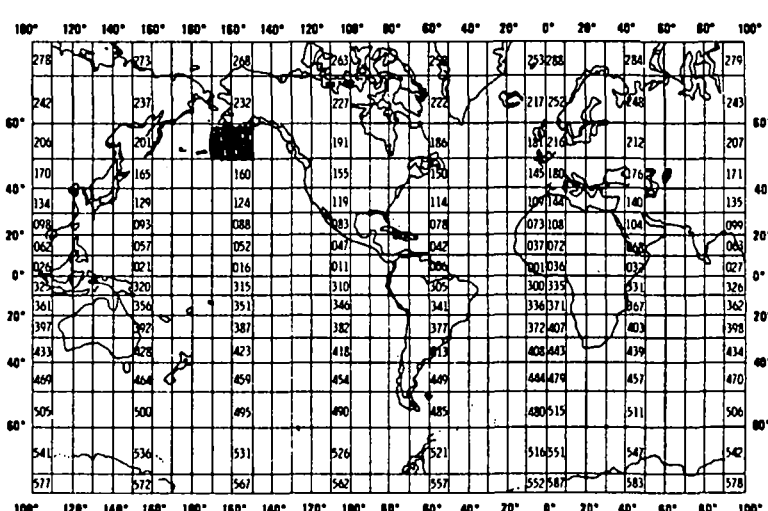
NOAA FORM 24-13
(2-85)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 0648-0024
EXPIRES 2/29/87

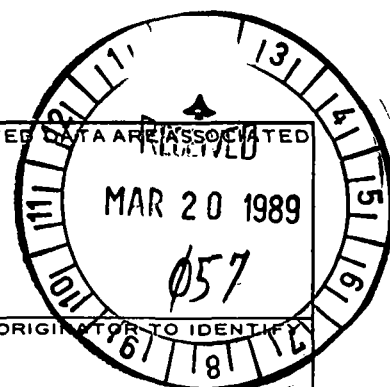
(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Pacific Marine Environmental Laboratory, NOAA 7600 Sand Point Way NE Seattle, Wa. 98115		2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED FOCI-85 APEX - 84 FOCI-86 FOCI-87		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT (97 files, see attached sheets) CURRENTS	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 10/3/84 6/28/88	11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____		9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Mr. Peter Proctor (206) 526-6780					



B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Current SP.	cm/sec	AANDERAA CM'S		1 hour interval
Current SP.	cm/sec	NEIL BROWN ACM'S		10 min. interval
TEMP	°C	AANDERAA CM'S		1 hr
TEMP	°C	NEIL BROWN ACM'S		10 min
Pressure	DBAR	AANDERAA CM'S		1 hr
Salinity	‰	AANDERAA CM'S		1 hr

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

NODC File Type 015

Uses record types 1,2 and 4 inclusive (see attached sheets)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record type 1 - Text record
Record type 2 - Master record
Record type 4 - Detail record 2

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☐ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Mr. Peter Proctor (206)526-6780

ADDRESS NOAA/PMEL, 7600 Sand Point Way NE, Seattle, Wa. 98115

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____		9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> .6 inch
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____		10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN		11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) FOCI and APEX program current meter and pressure gauge data sets, 10/84 through 6/88 inclusive. 9 track, ASCII, 6250bpi tape label 'NODC'
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input checked="" type="checkbox"/> 6250		
		12. PHYSICAL BLOCK LENGTH IN BYTES 3200
		13. LENGTH OF BYTES IN BITS 8

DATE April 1985	NODC Users Guide	SECTION 4.1.8	PAGE 2
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File structure -

Four 60-character records: (1) Text Record, (2) Master Record, (3) Detail Record 1, and (4) Detail Record 2.

File format -

Current Meter Data (Components) (F015)

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
METER NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2 AND 3	11
TEXT	THIRTY-EIGHT CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	55
MASTER RECORD	ALWAYS '2'	10
METER NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT	XXXXX (METERS TO TENTHS)	36
METER		
METER USAGE SEQUENCE	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
NUMBER		
(NODC USE)	TWO CHARACTERS FOR NODC INTERNAL USE	44
AXIS ROTATION	XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	46
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49
NUMBER OF DETAIL RECORDS	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55
DETAIL RECORD 1	ALWAYS '3'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	28

DATE March 1984	NODC Users Guide	SECTION 4.1.8	PAGE 3
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NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
CONDUCTIVITY	XXXX - MMHOS/CM TO HUNDREDTHS	50
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS ORIGINATOR	55
DETAIL RECORD 2	ALWAYS '4'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	15
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	28
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
SALINITY	XXXXX PARTS PER THOUSAND TO THOUSANDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

015FOX37415258	PRJT:FOX86	MRG:8605	MTR:AN525	49
015FOX37425258	562150N1565430W	126 520	3F0008605	1000
015FOX37445258	860803 70000	.902 1082 7084	46632233	1
015FOX37445258	860803 80000	1178 637 7168	47032250	2
015FOX37445258	860803 90000	1129 499 7051	47332357	3
015FOX37445258	860803100000	-728 -641 7243	47432338	4
015FOX37445258	860803110000	-936 -1232 7320	47432361	5
015FOX37445258	860803120000	-1640 -1307 7369	46932242	6
015FOX37445258	860803130000	-1948 -1119 7341	46332174	7
015FOX37445258	860803140000	-1950 -777 7505	45832170	8
015FOX37445258	860803150000	-1553 -420 7843	44832121	9
015FOX37445258	860803160000	-1045 -547 7547	44332165	10
015FOX37445258	860803170000	240 864 7539	44132165	11
015FOX37445258	860803180000	1100 689 7322	44232211	12
015FOX37445258	860803190000	1052 1249 7157	44632202	13
015FOX37445258	860803200000	1389 1193 7060	45032029	14
015FOX37445258	860803210000	1170 1541 7017	45732202	15
015FOX37445258	860913 80000	-1082 -1977 8765	46731917	986
015FOX37445258	860913 90000	-1998 -1988 8721	46231955	987
015FOX37445258	860913100000	-1159 -2801 9076	45531969	988
015FOX37445258	860913110000	-1337 -2616 8693	45331940	989
015FOX37445258	860913120000	-1338 -2265 8559	44731961	990
015FOX37445258	860913130000	-734 -2041 8536	44331980	991
015FOX37445258	860913140000	-852 -1479 8405	44132027	992
015FOX37445258	860913150000	-450 -1146 8293	44231972	993
015FOX37445258	860913160000	191 -1042 8101	44531970	994
015FOX37445258	860913170000	1077 221 8204	44832028	995
015FOX37445258	860913180000	1173 104 8200	45432037	996
015FOX37445258	860913190000	1264 288 8444	45731905	997
015FOX37445258	860913200000	1653 -222 7997	46032055	998
015FOX37445258	860913210000	1820 -783 8674	46131906	999
015FOX37445258	860913220000	1435 -1595 8693	46131936	1000
NODC JOB COMPLETED, LOC: 8605 MTR: 5258				1000 RECORDS CONVERTED

cm's

Current meters

Ref	Mooring	Meter	Dep	Start	End	Len	Dt(hrs)	Lat	Lon	Dep
1	8501	CM1277	25	852940200	862172030	41584	0.167	57.72	155.26	260
2	8501	AN0704	26	852940400	862172000	6929	1.000	57.72	155.26	260
Fouling of rotor in early July.										
3	8501	AN6572	56	852940600	862171900	6926	1.000	57.72	155.26	260
Zero-filled conductivity from 19 July										
4	8501	AN1960	106	852940500	861981800	6470	1.000	57.72	155.26	260
Leakage into canister, 0-filled cond. 9 July, 0-filled pres. 1 Mar.										
5	8501	AN5955	165	852940500	862171900	6927	1.000	57.72	155.26	260
Zero speeds in mid-April.										
6	8501	AN1815	245	852940500	860431500	2747	1.000	57.72	155.26	260
Record cutoff 13 Feb.										
7	8505	AN0711	26	852841200	862142100	7090	1.000	56.35	156.89	129
8	8505	AN9003	27	852841200	862142100	7090	1.000	56.35	156.89	129
Many zero-speeds in record, user beware!										
9	8505	AN1973	56	852841200	862142100	7090	1.000	56.35	156.89	129
10	8505	AN5950	110	852841200	862142100	7090	1.000	56.35	156.89	129
11	8508	CM1276	25	852841400	862140350	42420	0.167	55.95	156.38	2
12	8508	AN1982	27	852841700	862140300	7067	1.000	55.95	156.38	224
13	8508	AN2096	56	852841700	862140300	7067	1.000	55.95	156.38	224
14	8508	AN2492	106	852841700	862140300	7067	1.000	55.95	156.38	224
15	8508	AN1070	165	852841700	862140300	7067	1.000	55.95	156.38	224
16	8508	AN2117	207	852841700	862140300	7067	1.000	55.95	156.38	224
No temperature, pressure, or conductivity data.										
17	8510	CM1273	25	852932300	862171600	41575	0.167	57.35	155.99	100
18	8510	AN2097	27	852940100	862171400	6926	1.000	57.35	155.99	100
Conductivity zero-filled from 0000 9-Jul-1986, due to fouling.										
19	8510	AN2156	56	852940200	862171500	6926	1.000	57.35	155.99	100
20	8510	AN3442	85	852940100	860462300	2831	1.000	57.35	155.99	100
Record cut-off 0000 16-Feb-1986 due to fouling.										
21	8511	CM1261	25	852842100	862140100	42361	0.167	55.54	155.99	2
22	8511	AN2493	26	852850000	862140000	7057	1.000	55.54	155.99	202
23	8511	AN2354	27	852850000	862132300	7056	1.000	55.54	155.99	202
24	8511	AN2358	56	852850000	862140000	7057	1.000	55.54	155.99	202
Speed zero-filled after 2100 07-Dec-1985 due to rotor malfunction.										
25	8511	AN1804	106	852850000	862140000	7057	1.000	55.54	155.99	202
26	8511	AN2359	165	852850000	862140000	7057	1.000	55.54	155.99	202
Speed zero-filled after 0000 17-Mar-1986 due to rotor fouling.										
27	8511	AN6006	186	852850000	862140000	7057	1.000	55.54	155.99	202
28	8512	CM1275	25	852841900	862132239	42359	0.167	55.41	156.33	190
29	8512	AN3290	26	852842100	862132000	7056	1.000	55.41	156.33	190
30	8512	AN3176	27	852842100	862132100	7057	1.000	55.41	156.33	190
31	8512	AN3286	56	852842100	862132100	7057	1.000	55.41	156.33	190
32	8512	AN0600	106	852901500	862132100	6919	1.000	55.41	156.33	190
33	8512	AN2168	172	852842100	861280100	4997	1.000	55.41	156.33	190
Speed zero-filled after 0200 8-May-1986 due to rotor fouling.										
34	8513	CM1272	106	852870300	862161630	42418	0.167	55.61	155.31	645
35	8513	AN1452	107	852870600	862161600	7067	1.000	55.61	155.31	645
Some zero speeds in middle of record.										
36	8513	AN1071	165	852870600	862161600	7067	1.000	55.61	155.31	645
37	8513	AN1074	200	852870600	862161700	7068	1.000	55.61	155.31	645
38	8513	AN2111	500	852870600	862161700	7068	1.000	55.61	155.31	645

cm

145,013 blocks

PG 12,658 block

39	8514	CM1253	105	852870700	862162100	42421	0.167	55.37	155.06	12
40	8514	AN1453	106	852871000	862162100	7068	1.000	55.37	155.06	1189
41	8514	AN1824	107	852871000	862162100	7068	1.000	55.37	155.06	1189
42	8514	AN1809	165	852871000	862162100	7068	1.000	55.37	155.06	1189
Zero speeds in middle of record, use with caution!										
43	8514	AN1490	200	852871000	862162100	7068	1.000	55.37	155.06	1189
44	8514	AN1813	480	852871000	862162100	7068	1.000	55.37	155.06	117
45	8514	AN3132	1000	852871000	862162100	7068	1.000	55.37	155.06	1189
46	8602	AN5257	30	862180400	871881400	8051	1.000	57.61	155.07	259
0-filled cond after 25-Nov-86 0800, 0-spd gap 18/19-Aug-86.										
47	8602	AN6496	56	862180400	871881400	8051	1.000	57.61	155.07	259
48	8605	AN3614	26	862150700	871891800	8148	1.000	56.36	156.90	126
Record cut-off 20-Apr-87 due to spd and cond bad.										
49	8605	AN5258	52	862150700	862562200	1000	1.000	56.36	156.90	126
Record cut-off 13-Sep-86 due to cond, temp, & dir bad.										
50	8605	AN5263	102	862150700	871891800	8148	1.000	56.36	156.90	126
0-spd gap 16-17 Dec 86, thereafter many 0-spds.										
51	8608	AN0603	106	862142200	871822200	7993	1.000	55.95	156.39	225
Pres bad, filled w/99 dbars for sal, 0-spds after 31-Dec-87.										
52	8608	AN0598	165	862142200	871822200	7993	1.000	55.95	156.39	225
0-filled cond.										
53	8608	AN1682	207	862142200	871822100	7992	1.000	55.95	156.39	225
54	8614	AN3214	632	862160600	871831500	7978	1.000	55.36	155.07	1322
Pres not recorded, filled w/632 dbars for sal cal, 0-spd gaps.										
55	8614	AN2265	1132	862160600	871831500	7978	1.000	55.36	155.07	1322
Pres not recorded, filled w/1132 dbars for sal cal. 0-spd gap Mar/Apr.										
56	8615	AN3710	56	862920700	871891200	6294	1.000	56.75	156.62	139
Spd had 1-30 count spikes, splined to remove.										
57	8615	AN1323	106	862920800	871891100	6292	1.000	56.75	156.62	139
58	8616	AN1824	58	862920700	871891400	6296	1.000	56.67	156.51	192
0-filled cond after 30-May-87.										
59	8616	AN1812	158	862920700	871891400	6296	1.000	56.67	156.51	192
Strange phase in tides at beginning.										
60	8616	AN1815	177	862920700	871891400	6296	1.000	56.67	156.51	192
Strange phase in tides at beginning.										
61	8617	AN2157	63	862920300	871792000	6066	1.000	56.64	156.48	207
0-filled cond after 29-May-87.										
62	8617	AN2496	113	862920300	871792000	6066	1.000	56.64	156.48	207
63	8617	AN3133	163	862920300	871792000	6066	1.000	56.64	156.48	207
64	8617	AN3323	192	862920300	871792000	6066	1.000	56.64	156.48	207
65	8618	AN3177	61	862920100	871791600	6064	1.000	56.54	156.32	225
66	8618	AN3176	111	862920100	871791600	6064	1.000	56.54	156.32	225
Rotor lost during deployment, no spd data recorded.										
67	8618	AN3352	161	862920100	871791600	6064	1.000	56.54	156.32	225
68	8618	AN5950	185	862920100	871791600	6064	1.000	56.54	156.32	225
Spd dblng, multiplied by 0.5, 0-spds after Jan-87.										
69	8618	AN5955	210	862920100	871791400	6062	1.000	56.54	156.32	225
Rotor lost during deployment, no speed data recorded.										
70	8619	AN6571	56	862922100	871882100	6265	1.000	57.04	155.36	262
Spd dblng, multiplied by 0.5, 0-filled cond after 30-Apr-87.										
71	8619	AN2511	106	862922100	871882100	6265	1.000	57.04	155.36	262
Rotor lost during deployment, no spd data recorded.										
72	8619	AN6006	165	862922100	871882100	6265	1.000	57.04	155.36	262
Rotor lost during deployment, no spd data recorded.										
73	8619	AN3446	247	862922100	870661100	3327	1.000	57.04	155.36	262
-spd gaps, cond low, cut-off record 07-Mar-87.										

74	8702	AN3434	56	871882200	881501700	7844	1.000	57.62	155.10	258
75	8702	AN6525	82	871882200	881501700	7844	1.000	57.62	155.10	258
76	8702	AN1960	243	871882200	873240400	3247	1.000	57.62	155.10	258
Record cut off at 20-Nov-87:0400 due to deteriorated speed record.										
77	8705	AN2096	27	871820300	881461300	7907	1.000	56.36	156.91	127
Speed questionable in last month. Filled pres. w/24 dbars, 0-filled cond.										
78	8705	AN1973	53	871820300	872991600	2822	1.000	56.36	156.91	127
Record cut off at 26-Oct-87, speed bad, 0-filled cond. 17-Oct-87:1100.										
79	8705	AN6497	112	871820300	881461300	7907	1.000	56.36	156.91	127
No salinity data recorded. Speed questionable after 28-Oct-87.										
80	8714	AN6502	101	871840400	881472200	7891	1.000	55.35	155.20	1185
Large 0-speed gap-Sep-speed has large decrease in Oct-87.										
81	8714	AN2477	160	871840400	881472200	7891	1.000	55.35	155.20	1185
82	8714	AN3145	995	871840400	881472200	7891	1.000	55.35	155.20	1185
Pres. sensor capped off due depth, filled w/995 dbars.										
83	PEGGY	CM0098	56	871031900	871892240	12407	0.167	56.34	156.39	242
84	PEGGY	CM0051	106	871031900	871892330	12412	0.167	56.34	156.39	242
85	PEGGY	CM0087	165	871031900	871892019	12393	0.167	56.34	156.39	242
86	PEGGY	CM1203	228	871031900	871892340	12413	0.167	56.34	156.39	242
87	APEX8410	CM1276	22	842771600	851482039	34157	0.167	63.27	168.42	42
88	APEX8402	CM1261	10	842771800	850800340	24251	0.167	62.88	169.75	37
89	APEX8401	CM1277	20	842770200	851842330	39442	0.167	62.09	169.27	40
90	APEX8407	CM1273	18	842781000	851880339	39707	0.167	63.93	172.15	53
91	APEX8408	CM1278	40	843342300	851861630	31354	0.167	65.67	168.28	50
92	APEX8407	AN0598	48	842781100	851880200	6616	1.000	63.93	172.15	53
93	APEX8401	AN3614	35	842770300	851842400	6574	1.000	60.09	169.27	40
94	APEX8407	AN0598	48	842781100	851880200	6616	1.000	63.93	172.15	53
95	BG03	CM1277	39	871590300	881700340	54149	0.167	51.77	179.51	1189
96	BG03	CM1275	199	871590300	881801910	55682	0.167	51.77	179.51	1189
97	BG03	CM1272	379	871590300	881731619	54657	0.167	51.77	179.51	1189

8900056

05/26/89

TO: E/OC12 - Branch Chief

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Current Meters

(F015)

Acc: 8900056 Ref: TV3354 - TV3438 85 sta. 810,641 rec.

NOAA-PMEL

(FOCI & APEX)

cc: Division Director

05/26/89

TO: E/OC12 - Branch Chief ←

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Current Meters

(F015)

Acc: 8900056 Ref: TV3354 - TV3438 85 sta. 810,641 rec.

NOAA-PMEL

(FOCI & APEX)

cc: Division Director

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900056	TV3354	F015	0174	313F	317F	1277	10/21/85	08/05/86	1	41,587
8900056	TV3355	F015	0174	313F	317F	0704	10/21/85	08/05/86	1	6,932
8900056	TV3356	F015	0174	313F	317F	6572	10/21/85	08/05/86	1	6,929
8900056	TV3357	F015	0174	313F	317F	1960	10/21/85	07/17/86	1	6,473
8900056	TV3358	F015	0174	313F	317F	5955	10/21/85	08/05/86	1	6,930
8900056	TV3359	F015	0174	313F	317F	1815	10/21/85	02/12/86	1	2,750
8900056	TV3360	F015	0174	313F	317F	0711	10/11/85	08/02/86	1	7,093
8900056	TV3361	F015	0174	313F	317F	9003	10/11/85	08/02/86	1	7,093
8900056	TV3362	F015	0174	313F	317F	1973	10/11/85	08/02/86	1	7,093
8900056	TV3363	F015	0174	313F	317F	5950	10/11/85	08/02/86	1	7,093
8900056	TV3364	F015	0174	313F	317F	1276	10/11/85	08/02/86	1	42,423
8900056	TV3365	F015	0174	313F	317F	1982	10/11/85	08/02/86	1	7,070
8900056	TV3366	F015	0174	313F	317F	2096	10/11/85	08/02/86	1	7,070
8900056	TV3367	F015	0174	313F	317F	2492	10/11/85	08/02/86	1	7,070
8900056	TV3368	F015	0174	313F	317F	1070	10/11/85	08/02/86	1	7,070
8900056	TV3369	F015	0174	313F	317F	2117	10/11/85	08/02/86	1	7,070
8900056	TV3370	F015	0174	313F	317F	1273	10/20/85	08/05/86	1	41,578
8900056	TV3371	F015	0174	313F	317F	2097	10/21/85	08/05/86	1	6,929
8900056	TV3372	F015	0174	313F	317F	2156	10/21/85	08/05/86	1	6,929
8900056	TV3373	F015	0174	313F	317F	3442	10/21/85	02/15/86	1	2,834
8900056	TV3374	F015	0174	313F	317F	1261	10/21/85	08/02/86	1	42,364
8900056	TV3375	F015	0174	313F	317F	2493	10/12/85	08/02/86	1	7,060
8900056	TV3376	F015	0174	313F	317F	2354	10/12/85	08/01/86	1	7,059
8900056	TV3377	F015	0174	313F	317F	2358	10/12/85	08/02/86	1	7,060
8900056	TV3378	F015	0174	313F	317F	1804	10/12/85	08/02/86	1	7,060
8900056	TV3379	F015	0174	313F	317F	2359	10/12/85	08/02/86	1	7,060
8900056	TV3380	F015	0174	313F	317F	6006	10/12/85	08/02/86	1	7,060
8900056	TV3381	F015	0174	313F	317F	1275	10/11/85	08/01/86	1	42,362
8900056	TV3382	F015	0174	313F	317F	3290	10/11/85	08/01/86	1	7,060
8900056	TV3383	F015	0174	313F	317F	3176	10/11/85	08/01/86	1	7,060
8900056	TV3384	F015	0174	313F	317F	3286	10/11/85	08/01/86	1	7,060
8900056	TV3385	F015	0174	313F	317F	0600	10/11/85	08/01/86	1	6,922
8900056	TV3386	F015	0174	313F	317F	2168	10/11/85	05/08/86	1	5,000
8900056	TV3387	F015	0174	313F	317F	1272	10/14/85	08/04/86	1	42,421
8900056	TV3388	F015	0174	313F	317F	1452	10/14/85	08/04/86	1	7,070
8900056	TV3389	F015	0174	313F	317F	1071	10/14/85	08/04/86	1	7,070
8900056	TV3390	F015	0174	313F	317F	1074	10/14/85	08/04/86	1	7,070
8900056	TV3391	F015	0174	313F	317F	2111	10/14/85	08/04/86	1	7,071
8900056	TV3392	F015	0174	313F	317F	1253	10/14/85	08/04/86	1	42,424
8900056	TV3393	F015	0174	313F	317F	1453	10/14/85	08/04/86	1	7,071
8900056	TV3394	F015	0174	313F	317F	1824	10/14/85	08/04/86	1	7,071
8900056	TV3395	F015	0174	313F	317F	1809	10/14/85	08/04/86	1	7,071
8900056	TV3396	F015	0174	313F	317F	1490	10/14/85	08/04/86	1	7,071
8900056	TV3397	F015	0174	313F	317F	1813	10/14/85	08/04/86	1	7,071
8900056	TV3398	F015	0174	313F	317F	3132	10/14/85	08/04/86	1	7,071
8900056	TV3399	F015	0174	313F	317F	5257	08/06/86	07/07/87	1	8,054
8900056	TV3400	F015	0174	313F	317F	6496	08/06/86	07/07/87	1	8,054
8900056	TV3401	F015	0174	313F	317F	3614	08/03/86	07/08/87	1	8,151
8900056	TV3402	F015	0174	313F	317F	5258	08/03/86	09/13/86	1	1,003
8900056	TV3403	F015	0174	313F	317F	5263	08/03/86	07/08/87	1	8,151
8900056	TV3404	F015	0174	313F	317F	0603	08/02/86	07/01/87	1	7,996

8900056	TV3405	F015	0174	313F	317F	0598	08/02/86	07/01/87	1	7,996
8900056	TV3406	F015	0174	313F	317F	1682	08/02/86	07/01/87	1	7,995
8900056	TV3407	F015	0174	313F	317F	3214	08/04/86	07/02/87	1	7,981
8900056	TV3408	F015	0174	313F	317F	2265	08/04/86	07/02/87	1	7,981
8900056	TV3409	F015	0174	313F	317F	3710	10/19/86	07/08/87	1	6,297
8900056	TV3410	F015	0174	313F	317F	1323	10/19/86	07/08/87	1	6,295
8900056	TV3411	F015	0174	313F	317F	1824	10/19/86	07/08/87	1	6,299
8900056	TV3412	F015	0174	313F	317F	1812	10/19/86	07/08/87	1	6,299
8900056	TV3413	F015	0174	313F	317F	1815	10/19/86	07/08/87	1	6,299
8900056	TV3414	F015	0174	313F	317F	2157	10/19/86	06/28/87	1	6,069
8900056	TV3415	F015	0174	313F	317F	2496	10/19/86	06/28/87	1	6,069
8900056	TV3416	F015	0174	313F	317F	3133	10/19/86	06/28/87	1	6,069
8900056	TV3417	F015	0174	313F	317F	3323	10/19/86	06/28/87	1	6,069
8900056	TV3418	F015	0174	313F	317F	3177	10/19/86	06/28/87	1	6,067
8900056	TV3419	F015	0174	313F	317F	3176	10/19/86	06/28/87	1	6,067
8900056	TV3420	F015	0174	313F	317F	3352	10/19/86	06/28/87	1	6,067
8900056	TV3421	F015	0174	313F	317F	5950	10/19/86	06/28/87	1	6,067
8900056	TV3422	F015	0174	313F	317F	5955	10/19/86	06/28/87	1	6,065
8900056	TV3423	F015	0174	313F	317F	6571	10/19/86	07/07/87	1	6,268
8900056	TV3424	F015	0174	313F	317F	2511	10/19/86	07/07/87	1	6,268
8900056	TV3425	F015	0174	313F	317F	6006	10/19/86	07/07/87	1	6,268
8900056	TV3426	F015	0174	313F	317F	3446	10/19/86	03/07/87	1	3,330
8900056	TV3427	F015	0174	313F	317F	3434	07/07/87	05/30/88	1	7,847
8900056	TV3428	F015	0174	313F	317F	6525	07/07/87	05/30/88	1	7,847
8900056	TV3429	F015	0174	313F	317F	1960	07/07/87	11/20/87	1	3,250
8900056	TV3430	F015	0174	313F	317F	2096	07/01/87	05/26/88	1	7,910
8900056	TV3431	F015	0174	313F	317F	1973	07/01/87	10/26/87	1	2,825
8900056	TV3432	F015	0174	313F	317F	6497	07/01/87	10/26/87	1	2,825
8900056	TV3433	F015	0174	313F	317F	6502	07/01/87	05/26/88	1	7,910
8900056	TV3434	F015	0174	313F	317F	2477	07/01/87	05/26/88	1	7,894
8900056	TV3435	F015	0174	313F	317F	3145	07/03/87	05/26/88	1	7,894
8900056	TV3436	F015	0174	313F	317F	0098	07/03/87	05/27/88	1	7,894
8900056	TV3437	F015	0169	313F	317F	0598	10/04/84	07/06/85	1	6,619
8900056	TV3438	F015	0169	313F	317F	3614	10/03/84	07/03/85	1	6,577

=====

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: NOAA/NESDIS/NODC

1825 Connecticut Ave NW
Washington DC 20235

REFER TO

ATTENTION

E/OC13, Dr. Anthony R. Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☒ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

Enclosed, find documentation and one (1) magnetic data tape containing both current meter and pressure gauge data sets in NODC file type 015 and 017 respectively. These data were received from Mr. Peter Proctor, NOAA/PMEL, and are resultant from both the FOCI and APEX projects.

Tape contents

Current meters - 97 files with a total of 145,013 records

Pressure gauges - 18 files with a total of 12,658 records
157,671

FOCI = Fisheries-Oceanography Coordinated investigations

APEX = Arctic Polynya Experiment

cc: Mr. Peter Proctor, NOAA/PMEL

8900056
A00879*Sid Stillwaugh*

FORWARDED BY (Signature)

Sid Stillwaugh

TITLE

NODC Liaison Officer, Seattle

DATE FORWARDED

3/16/89

RECEIVED BY (Signature)

E. Mitchell

TITLE

DATE RECEIVED

ACCESSION NO. 8900056FILETYPE FOIS AND ~~FOI~~

TRACK NO. _____

PROJECT IDENTIFICATION _____

NOAA/PMELFOCI AND APEX PROJECTS

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	3/24/89	H	A00879	1	80	3200	1,197,495
DUPLICATE TAPE	4/24/89	H	W12213 *	1	80	3200	
REFORMATTED TAPE	5/18/89	R.P.S.	W15797 * *	1	60	6000	814,435
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

ONLY ONE FILE ON TAPE, YET THERE ARE TWO DIFFERENT DATA FORMATS FOIS AND FOI7. THESE WILL HAVE TO BE SEPARATED.

TOTAL BYTES ON SCAN SHOWS OVER MILLION RECORDS, HOWEVER, TRANSMITTAL SHOWS 157,671 RECORDS - PLEASE CK

814,500 records DFOISP

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

* = NO LABEL 814,435 records

* * LABEL = DNODC * FOCIOUT.

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

NAME
HALMINSKIPHONE #
673-
5643

CITY/TASK #

DATE
SUBMITTEDDATE DUE
3/29/87

BIN #

APPROPRIATE TO BE USED AND FUNCTION TO BE PERFORMED

COPY INPUT AND SCANN OUTPUT TAPE

8900056

INPUT MEDIUM

PAPER CARD DISK TAPE
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM

CARD DISK PRINT TAPE PLOT
DISKETTE OTHER(SPECIFY)

TAPES/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00879		9	6250		NL	FB	80	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	K12213		9	6250		NL	FB	80	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

NEED "W" TAPE
NOT SURE WHETHER THERE ARE ~~TWO~~
~~ONE~~ JUST ONEESTIMATED
EXECUTION
TIME

31 USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEY VERIFIED
4/18/87	13:45	13:52		COMPLETED BY ANDY.

HALAMINSKI

5643

DATE SUBMITTED

DATE DUE

TIME

33

INSTRUMENT TO BE USED AND FUNCTION TO BE PERFORMED

INPUT MEDIUM

PAPER CARD DISK TAPE
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM

CARD DISK PRINT TAPE PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
PUT	400879		9	6250		NK	FB		3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF. OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
PUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PI D,
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

31 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEY VERIFIED
09032402	03/24/89	13:40	13:55	C	COMPLETED BY J.S.

John Bowden
Finkler
350-1270

Pressure Gauge Data

ACCESSION
NUMBER

8900056

DATA DOCUMENTATION FORM

F017 TV2966-TV2983

NOAA FORM 24-13
(2-85)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 0648-0024
EXPIRES 2/29/87

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

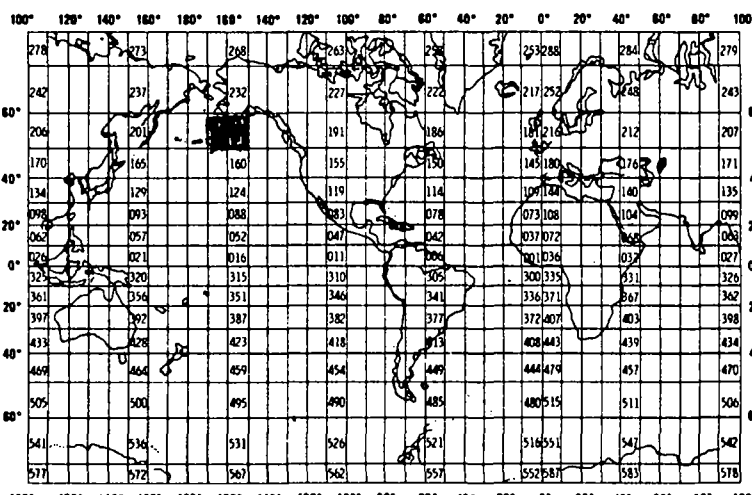
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

PRESSURE GAUGE

A. ORIGINATOR IDENTIFICATION

(TIDBS)

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Pacific Marine Environmental Laboratory, NOAA 7600 Sand Point Way NE Seattle, Wa. 98195			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED FOCI - 85 APEX - 84 FOCI - 86 FOCI - 87		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 8501 8514 8616 APEX8408 8508 8605 8617 APEX8407 8510 8608 8512 8705 8510 8614 8513 8511 8615 APEX8411	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES)	
	buoy	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S.	U.S. 10/03/84 05/25/88
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Mr. Peter Proctor (206)526-6780			

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Current SP.	cm/sec	AANDERAA CM's		1 hour interval
Current SP.	cm/sec	NEIL BROWN ACM's		10 min. interval
TEMP	°C	AANDERAA CM's		1 hr
TEMP	°C	NEIL BROWN ACM's		10 min
Pressure	DBAR	AANDERAA CM's		1 hr
Salinity	‰	AANDERAA CM's		1 hr

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

NODC File Type 017

Uses record types 1,2,3 and 4 inclusive.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record type 1 - Text record
Record type 2 - Master Record 1
Record type 3 - Master Record 2
Record type 4 - Detail Record

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☐ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Mr. Peter Proctor (206) 526-6780

ADDRESS NOAA/PMEL, 7600 Sand Point Way NE, Seattle, Wa. 98115

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____		9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> .6 inch	
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____		10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____	
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN		11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) FOCI and APEX program current meter and pressure gauge data sets, 10/84 through 6/88 inclusive. 9 track, ASCII, 6250 bpi tape label 'NODC'	
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input checked="" type="checkbox"/> 6250			12. PHYSICAL BLOCK LENGTH IN BYTES 3200
			13. LENGTH OF BYTES IN BITS 8

DATE April 1985	NODC Users Guide	SECTION 4.1.9	PAGE 2
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File structure -

Four 50-character records: (1) Text Record, (2) Gauge Master Record 1, (3) Gauge Master Record 1, and (4) Detail Record.

File format -

Pressure Gauge Data (F017)

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
GAUGE NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2, 3 AND 4	11
TEXT	TWENTY-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
SEQUENCE NUMBER	XXXXX - USED FOR SORTING TEXT RECORDS	36
BLANKS		41
GAUGE MASTER RECORD I	ALWAYS '2'	10
GAUGE NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF PRESSURE	XXXXX (METERS TO TENTHS)	31
GAUGE		
NUMBER OF DETAIL RECORDS	XXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (4) TO FOLLOW	36
BLANKS		41
GAUGE MASTER RECORD II	ALWAYS '3'	10
GAUGE NUMBER	SEE RECORD '1'	11
DEPTH TO BOTTOM	XXXXX (WHOLE METERS)	16
METER USAGE SEQUENCE	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	21
NUMBER		
(NODC USE)	TWO CHARACTERS FOR NOCC INTERNAL USE	24
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY THE ORIGINATOR	26
BLANKS		32
DETAIL RECORD	ALWAYS '4'	10
GAUGE NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
TOTAL PRESSURE	XXXXXXXX (DECIBARS TO THOUSANDTHS)	28
SEQUENCE NUMBER	XXXXX - USED FOR SORTING DATA RECORDS	36
TEMPERATURE	XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS	41
BLANKS		46

017FOX36510852 FOX 8501 . 1
 017FOX36520852 574297N1551569W 2570 6929
 017FOX36530852 '26 3F8501
 017FOX36540852 851021 30000 251111 1 5400
 017FOX36540852 851021 40000 251140 2 5400
 017FOX36540852 851021 50000 250928 3 5400
 017FOX36540852 851021 60000 250532 4 5400
 017FOX36540852 851021 70000 249972 5 5400
 017FOX36540852 851021 80000 249353 6 5400
 017FOX36540852 851021 90000 248804 7 5400
 017FOX36540852 851021100000 248407 8 5400
 017FOX36540852 851021110000 248240 9 5400
 017FOX36540852 851021120000 248334 10 5400
 017FOX36540852 860805100000 251943 6920 4590
 017FOX36540852 860805110000 251899 6921 4731
 017FOX36540852 860805120000 251452 6922 4786
 017FOX36540852 860805130000 250676 6923 4518
 017FOX36540852 860805140000 249726 6924 4398
 017FOX36540852 860805150000 248789 6925 4459
 017FOX36540852 860805160000 248059 6926 4497
 017FOX36540852 860805170000 247703 6927 4500
 017FOX36540852 860805180000 247788 6928 4466
 017FOX36540852 860805190000 248305 6929 4462

NODC JOB COMPLETED LOCATION 8501 METER

0852

6929 RECORDS CONVE

Pgs

Pressure gauges

Ref	Mooring	Meter	Dep	Start	End	Len	Dt(hrs)	Lat	Lon	Dep
1	8501	PG0852	257	852940300	862171900	6929	1.000	57.72	155.26	26
2	8508	PG0853	221	852841400	862140200	7069	1.000	55.95	156.38	22
3	8510	PG0856	98	852932300	862171400	6928	1.000	57.35	155.99	10
4	8510	PG0205	100	852932200	862171600	6931	1.000	57.35	155.99	10
5	8511	PG0857	199	852842200	862132300	7058	1.000	55.54	155.99	20
6	8514	PG1004	1187	852870800	862162100	7070	1.000	55.37	155.06	119
7	8605	PG1056	126	862150500	871891800	8150	1.000	56.36	156.90	126
8	8608	PG0279	225	862142000	871822200	7995	1.000	55.95	156.39	225
9	8614	PG1072	1322	862160400	871831500	7980	1.000	55.36	155.07	1322
10	8615	PG0852	139	862920600	871891100	6294	1.000	56.75	156.62	139
11	8616	PG0853	192	862920500	871891400	6298	1.000	56.67	156.51	192
12	8617	PG0856	207	862920100	871792200	6070	1.000	56.64	156.48	207
13	8512	PG0854	184	852842000	862132200	7059	1.000	55.41	156.33	190
14	8513	PG0855	643	852842000	862132200	7059	1.000	55.61	155.31	645
15	APEX8411	PG0107	36	842771000	851840800	6575	1.000	62.95	167.39	38
16	APEX8408	PG0209	50	843330000	851570900	4570	1.000	66.12	168.47	50
17	APEX8407	PG0205	49	842781000	851870700	6598	1.000	63.93	172.15	53
18	8705	PG0037	127	871820000	881461200	7909	1.000	56.36	156.91	127

07/27/89

TO: E/OC12 - Branch Chief

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Pressure Gauge

(F017)

Acc: 8900056 Ref: TV2966 - TV2983 18 sta. 124,614 rec.

NOAA-PMEL

(FOCI & APEX)

cc: Division Director

07/27/89

TO: E/OC12 - Branch Chief

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Pressure Gauge

(F017)

Acc: 8900056 Ref: TV2966 - TV2983 18 sta. 124,614 rec.

NOAA-PMEL

(FOCI & APEX)

cc: Division Director

PROCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900056	TV2966	F017	0174	313F	317F	PG0852	10/21/85	08/08/86	1	6,933
8900056	TV2967	F017	0174	313F	317F	PG0853	10/11/85	08/02/86	1	7,073
8900056	TV2968	F017	0174	313F	317F	PG0856	10/20/85	08/05/86	1	6,932
8900056	TV2969	F017	0174	313F	317F	PG0205	10/20/85	08/05/86	1	6,935
8900056	TV2970	F017	0174	313F	317F	PG0857	10/11/85	08/01/86	1	7,062
8900056	TV2971	F017	0174	313F	317F	PG1004	10/14/85	08/04/86	1	7,074
8900056	TV2972	F017	0174	313F	317F	PG1056	08/03/86	07/08/87	1	8,154
8900056	TV2973	F017	0174	313F	317F	PG0279	08/02/86	07/01/87	1	7,999
8900056	TV2974	F017	0174	313F	317F	PG1072	08/04/86	07/02/87	1	7,984
8900056	TV2975	F017	0174	313F	317F	PG0852	10/19/86	07/08/87	1	6,298
8900056	TV2976	F017	0174	313F	317F	PG0853	10/19/86	07/08/87	1	6,302
8900056	TV2977	F017	0174	313F	317F	PG0856	10/19/86	06/28/87	1	6,074
8900056	TV2978	F017	0174	313F	317F	PG0854	10/11/85	08/01/86	1	7,063
8900056	TV2979	F017	0174	313F	317F	PG0855	10/11/85	08/01/86	1	7,063
8900056	TV2980	F017	0174	313F	317F	PG0037	07/01/87	05/26/88	1	7,913
8900056	TV2981	F017	0169	313F	317F	PG0107	10/03/84	07/03/85	1	6,579
8900056	TV2982	F017	0169	313F	317F	PG0209	11/28/84	06/05/85	1	4,574
8900056	TV2983	F017	0169	313F	317F	PG0205	10/04/84	07/05/85	1	6,602

ACCESSION NO 8900056 FILETYPE F017

(F015 ALREADY COMPLETED)

TRACK NO.
TV 2966-2983

PROJECT
IDENTIFICATION F01/APEX

0174
0169

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK	SIZE	NO. RECORDS
ORIG. TAPE	(3/16/89) 6/3/89	FJM	A00879 (D02903)	2 2	80	3200		-
DUPLICATE TAPE <u>F017</u>	6/23/89	FJM	W10731	1	80	3200		124,644
REFORMATTED TAPE <u>ONLY</u>	7-18-89	R.P.S.	W08970 *	1	48	4800		124,614
REFORMATTED DISK								
FIRST MULCHEK								
FINAL MULCHEK								
MPD75 OR F022								
DATA SET FINALIZED								

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

Label = DNOPC PROCTEROUT.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)TO: NOAA/NESDIS/NODC
1825 Connecticut Ave NW
Washington DC 20235

REFER TO

ATTENTION
E/OC13, Dr. Anthony R. Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☒ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

Enclosed, find documentation and one (1) magnetic data tape containing both current meter and pressure gauge data sets in NODC file type 015 and 017 respectively. These data were received from Mr. Peter Proctor, NOAA/PMEL, and are resultant from both the FOCI and APEX projects.

Tape contents

Current meters - 97 files with a total of 145,013 records

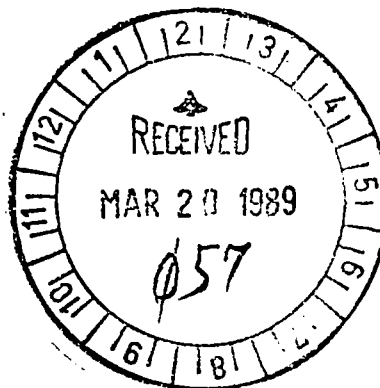
Pressure gauges - 18 files with a total of 12,658 records

157,671

FOCI = Fisheries-Oceanography Coordinated investigations

APEX = Arctic Polynya Experiment

cc: Mr. Peter Proctor, NOAA/PMEL

8900056
A00879*Sid Stillwaugh*

FORWARDED BY (Signature)

Sid Stillwaugh

TITLE

NODC Liaison Officer, Seattle

DATE FORWARDED

3/16/89

RECEIVED BY (Signature)

E. Mitchell

TITLE

DATE RECEIVED

HALAKINSKI

5643

DATE
SUBMITTED

TIME

PAGE

33

INSTRUMENT TO BE USED AND FUNCTION TO BE PERFORMED

INPUT MEDIUM

TAPER CARD DISK TAPE
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM

CARD DISK PRINT TAPE PLOT
DISKETTE OTHER(SPECIFY)

E/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
PUT	400879		9	6250		AL	FB		3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
PUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

FOR USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEY VERIFIED
03/24/89	13:40	13:55	C	COMPLETED BY J.S.	

REMARKS

WARRANT TO BE USED AND FUNCTION TO BE PERFORMED

COPY INPUT AND SCANN OUTPUT TAPE

8900056

INPUT MEDIUM TAPE CARD DISK <u>TAPE</u> SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
---	---

7/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
UT	A00879		9	6250		NL	FB	80	3200	1
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
PUT	N12213		9	6250		NL	FB	80	3200	1

ADDITIONAL INSTRUCTIONS

NEED "W" TAPE
 NOT SURE WHETHER THERE ARE
 JUST ONE

ESTIMATED
 EXECUTION
 TIME

1 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
	4/18/89	13:45	13:52		COMPLETED BY RNDY.

USER NAME F. Mitchell	PHONE # 673 5643	ORG/TASK # E/OC13	DATE SUBMITTED 6-16-89	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

VAX Copy & SCAN

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	A00879	D02903	9	6250	0	NL	FB	50	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	W10731		9	6250	0	NL	FB	50	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS COPY FILE #2 ONLY FILE 2 IS AFTER 1ST D EOF	SEE ATTACHED	ESTIMATED EXECUTION TIME
--	---------------------	--------------------------------

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
	6/23/89	14:16	14:30		COMPLETED BY ANDY

COMMENTS

F017

USER NAME F. MITCHELL	PHONE # 673 5643	ORG/TASK # E/0013	DATE SUBMITTED 6-1-89	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

VAX Scan

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>(PRINT)</u> TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00879			6250		NL	FB	60	3200	2?
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

PLEASE SCAN PAST DEOF MARK
THERE IS SUPPOSED TO BE MORE DATA
OTHER THAN FILE # 1.

ESTIMATED
EXECUTION
TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
				C	COMPLETED by FL

COMMENTS

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
-----	-----	-----	-----	-----	-----	-----	-----	-----
8900056	F015	TV3354	0174	313F	317F	1985/10/21	1277	183345
8900056	F015	TV3355	0174	313F	317F	1985/10/21	0704	183346
8900056	F015	TV3356	0174	313F	317F	1985/10/21	6572	183347
8900056	F015	TV3357	0174	313F	317F	1985/10/21	1960	183348
8900056	F015	TV3358	0174	313F	317F	1985/10/21	5955	183349
8900056	F015	TV3359	0174	313F	317F	1985/10/21	1815	183350
8900056	F015	TV3360	0174	313F	317F	1985/10/11	0711	183351
8900056	F015	TV3361	0174	313F	317F	1985/10/11	9003	183352
8900056	F015	TV3362	0174	313F	317F	1985/10/11	1973	183353
8900056	F015	TV3363	0174	313F	317F	1985/10/11	5950	183354
8900056	F015	TV3364	0174	313F	317F	1985/10/11	1276	183355
8900056	F015	TV3365	0174	313F	317F	1985/10/11	1982	183356
8900056	F015	TV3366	0174	313F	317F	1985/10/11	2096	183357
8900056	F015	TV3367	0174	313F	317F	1985/10/11	2492	183358
8900056	F015	TV3368	0174	313F	317F	1985/10/11	1070	183359
8900056	F015	TV3369	0174	313F	317F	1985/10/11	2117	183360
8900056	F015	TV3370	0174	313F	317F	1985/10/20	1273	183361
8900056	F015	TV3371	0174	313F	317F	1985/10/21	2097	183362
8900056	F015	TV3372	0174	313F	317F	1985/10/21	2156	183363
8900056	F015	TV3373	0174	313F	317F	1985/10/21	3442	183364
8900056	F015	TV3374	0174	313F	317F	1985/10/11	1261	183365
8900056	F015	TV3375	0174	313F	317F	1985/10/12	2493	183366
8900056	F015	TV3376	0174	313F	317F	1985/10/12	2354	183367
8900056	F015	TV3377	0174	313F	317F	1985/10/12	2358	183368
8900056	F015	TV3378	0174	313F	317F	1985/10/12	1804	183369
8900056	F015	TV3379	0174	313F	317F	1985/10/12	2359	183370
8900056	F015	TV3380	0174	313F	317F	1985/10/12	6006	183371
8900056	F015	TV3381	0174	313F	317F	1985/10/11	1275	183372
8900056	F015	TV3382	0174	313F	317F	1985/10/11	3290	183373
8900056	F015	TV3383	0174	313F	317F	1985/10/11	3176	183374
8900056	F015	TV3384	0174	313F	317F	1985/10/11	3286	183375
8900056	F015	TV3385	0174	313F	317F	1985/10/17	0600	183376
8900056	F015	TV3386	0174	313F	317F	1985/10/11	2168	183377
8900056	F015	TV3387	0174	313F	317F	1985/10/14	1272	183378
8900056	F015	TV3388	0174	313F	317F	1985/10/14	1452	183379
8900056	F015	TV3389	0174	313F	317F	1985/10/14	1071	183380
8900056	F015	TV3390	0174	313F	317F	1985/10/14	1074	183381
8900056	F015	TV3391	0174	313F	317F	1985/10/14	2111	183382
8900056	F015	TV3392	0174	313F	317F	1985/10/14	1253	183383
8900056	F015	TV3393	0174	313F	317F	1985/10/14	1453	183384
8900056	F015	TV3394	0174	313F	317F	1985/10/14	1824	183385
8900056	F015	TV3395	0174	313F	317F	1985/10/14	1809	183386
8900056	F015	TV3396	0174	313F	317F	1985/10/14	1490	183387
8900056	F015	TV3397	0174	313F	317F	1985/10/14	1813	183388
8900056	F015	TV3398	0174	313F	317F	1985/10/14	3132	183389
8900056	F015	TV3399	0174	313F	317F	1986/08/06	5257	183390
8900056	F015	TV3400	0174	313F	317F	1986/08/06	6496	183391
8900056	F015	TV3401	0174	313F	317F	1986/08/03	3614	183392
8900056	F015	TV3402	0174	313F	317F	1986/08/03	5258	183393
8900056	F015	TV3403	0174	313F	317F	1986/08/03	5263	183394
8900056	F015	TV3404	0174	313F	317F	1986/08/02	0603	183395
8900056	F015	TV3405	0174	313F	317F	1986/08/02	0598	183396
8900056	F015	TV3406	0174	313F	317F	1986/08/02	1682	183397
8900056	F015	TV3407	0174	313F	317F	1986/08/04	3214	183398
8900056	F015	TV3408	0174	313F	317F	1986/08/04	2265	183399
8900056	F015	TV3409	0174	313F	317F	1986/10/19	3710	183400

8900056	F015	TV3410	0174	313F	317F	1986/10/19	1323	183401
8900056	F015	TV3411	0174	313F	317F	1986/10/19	1824	183402
8900056	F015	TV3412	0174	313F	317F	1986/10/19	1812	183403
8900056	F015	TV3413	0174	313F	317F	1986/10/19	1815	183404
8900056	F015	TV3414	0174	313F	317F	1986/10/19	2157	183405
8900056	F015	TV3415	0174	313F	317F	1986/10/19	2496	183406
8900056	F015	TV3416	0174	313F	317F	1986/10/19	3133	183407
8900056	F015	TV3417	0174	313F	317F	1986/10/19	3323	183408
8900056	F015	TV3418	0174	313F	317F	1986/10/19	3177	183409
8900056	F015	TV3419	0174	313F	317F	1986/10/19	3176	183410
8900056	F015	TV3420	0174	313F	317F	1986/10/19	3352	183411
8900056	F015	TV3421	0174	313F	317F	1986/10/19	5950	183412
8900056	F015	TV3422	0174	313F	317F	1986/10/19	5955	183413
8900056	F015	TV3423	0174	313F	317F	1986/10/19	6571	183414
8900056	F015	TV3424	0174	313F	317F	1986/10/19	2511	183415
8900056	F015	TV3425	0174	313F	317F	1986/10/19	6006	183416
8900056	F015	TV3426	0174	313F	317F	1986/10/19	3446	183417
8900056	F015	TV3427	0174	313F	317F	1987/07/07	3434	183418
8900056	F015	TV3428	0174	313F	317F	1987/07/07	6525	183419
8900056	F015	TV3429	0174	313F	317F	1987/07/07	1960	183420
8900056	F015	TV3430	0174	313F	317F	1987/07/01	2096	183421
8900056	F015	TV3431	0174	313F	317F	1987/07/01	1973	183422
8900056	F015	TV3432	0174	313F	317F	1987/07/01	6497	183423
8900056	F015	TV3433	0174	313F	317F	1987/07/03	6502	183424
8900056	F015	TV3434	0174	313F	317F	1987/07/03	2477	183425
8900056	F015	TV3435	0174	313F	317F	1987/07/03	3145	183426
8900056	F015	TV3436	0174	313F	317F	1984/10/04	0098	183427
8900056	F015	TV3437	0169	313F	317F	1984/10/03	0598	183428
8900056	F015	TV3438	0169	313F	317F	1984/10/04	3614	183429
8900056	F017	TV2966	0174	313F	317F	1985/10/21	PG0852	183430
8900056	F017	TV2967	0174	313F	317F	1985/10/11	PG0853	183431
8900056	F017	TV2968	0174	313F	317F	1985/10/20	PG0856	183432
8900056	F017	TV2969	0174	313F	317F	1985/10/20	PG0205	183433
8900056	F017	TV2970	0174	313F	317F	1985/10/11	PG0857	183434
8900056	F017	TV2971	0174	313F	317F	1985/10/14	PG1004	183435
8900056	F017	TV2972	0174	313F	317F	1986/08/03	PG1056	183436
8900056	F017	TV2973	0174	313F	317F	1986/08/02	PG0279	183437
8900056	F017	TV2974	0174	313F	317F	1986/08/04	PG1072	183438
8900056	F017	TV2975	0174	313F	317F	1986/10/19	PG0852	183439
8900056	F017	TV2976	0174	313F	317F	1986/10/19	PG0853	183440
8900056	F017	TV2977	0174	313F	317F	1986/10/19	PG0856	183441
8900056	F017	TV2978	0174	313F	317F	1985/10/11	PG0854	183442
8900056	F017	TV2979	0174	313F	317F	1985/10/11	PG0855	183443
8900056	F017	TV2980	0174	313F	317F	1987/07/01	PG0037	183444
8900056	F017	TV2981	0169	313F	317F	1984/10/03	PG0107	183445
8900056	F017	TV2982	0169	313F	317F	1984/11/28	PG0209	183446
8900056	F017	TV2983	0169	313F	317F	1984/10/04	PG0205	183447

(103 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
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8900056	F015	TV3354	317F	11	41587	85/10/21	86/08/01
8900056	F015	TV3355	317F	11	6932	85/10/21	86/08/01
8900056	F015	TV3356	317F	11	6929	85/10/21	86/08/01
8900056	F015	TV3357	317F	10	6473	85/10/21	86/07/01
8900056	F015	TV3358	317F	11	6930	85/10/21	86/08/01
8900056	F015	TV3359	317F	5	2750	85/10/21	86/02/01
8900056	F015	TV3360	317F	11	7093	85/10/11	86/08/01
8900056	F015	TV3361	317F	11	7093	85/10/11	86/08/01
8900056	F015	TV3362	317F	11	7093	85/10/11	86/08/01
8900056	F015	TV3363	317F	11	7093	85/10/11	86/08/01
8900056	F015	TV3364	317F	11	42423	85/10/11	86/08/01
8900056	F015	TV3365	317F	11	7070	85/10/11	86/08/01
8900056	F015	TV3366	317F	11	7070	85/10/11	86/08/01
8900056	F015	TV3367	317F	11	7070	85/10/11	86/08/01
8900056	F015	TV3368	317F	11	7070	85/10/11	86/08/01
8900056	F015	TV3369	317F	11	7070	85/10/11	86/08/01
8900056	F015	TV3370	317F	11	41578	85/10/20	86/08/01
8900056	F015	TV3371	317F	11	6929	85/10/21	86/08/01
8900056	F015	TV3372	317F	11	6929	85/10/21	86/08/01
8900056	F015	TV3373	317F	5	2834	85/10/21	86/02/01
8900056	F015	TV3374	317F	11	42364	85/10/11	86/08/01
8900056	F015	TV3375	317F	11	7060	85/10/12	86/08/01
8900056	F015	TV3376	317F	11	7059	85/10/12	86/08/01
8900056	F015	TV3377	317F	11	7060	85/10/12	86/08/01
8900056	F015	TV3378	317F	11	7060	85/10/12	86/08/01
8900056	F015	TV3379	317F	11	7060	85/10/12	86/08/01
8900056	F015	TV3380	317F	11	7060	85/10/12	86/08/01
8900056	F015	TV3381	317F	11	42362	85/10/11	86/08/01
8900056	F015	TV3382	317F	11	7059	85/10/11	86/08/01
8900056	F015	TV3383	317F	11	7060	85/10/11	86/08/01
8900056	F015	TV3384	317F	11	7060	85/10/11	86/08/01
8900056	F015	TV3385	317F	11	6922	85/10/17	86/08/01
8900056	F015	TV3386	317F	8	5000	85/10/11	86/05/01
8900056	F015	TV3387	317F	11	42421	85/10/14	86/08/01
8900056	F015	TV3388	317F	11	7070	85/10/14	86/08/01
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8900056	F015	TV3390	317F	11	7071	85/10/14	86/08/01
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8900056	F015	TV3395	317F	11	7071	85/10/14	86/08/01
8900056	F015	TV3396	317F	11	7071	85/10/14	86/08/01
8900056	F015	TV3397	317F	11	7071	85/10/14	86/08/01
8900056	F015	TV3398	317F	11	7071	85/10/14	86/08/01
8900056	F015	TV3399	317F	12	8054	86/08/06	87/07/01
8900056	F015	TV3400	317F	12	8054	86/08/06	87/07/01
8900056	F015	TV3401	317F	12	8151	86/08/03	87/07/01
8900056	F015	TV3402	317F	2	1003	86/08/03	86/09/01
8900056	F015	TV3403	317F	12	8151	86/08/03	87/07/01
8900056	F015	TV3404	317F	12	7996	86/08/02	87/07/01
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8900056	F015	TV3406	317F	12	7995	86/08/02	87/07/01
8900056	F015	TV3407	317F	12	7981	86/08/04	87/07/01
8900056	F015	TV3408	317F	12	7981	86/08/04	87/07/01
8900056	F015	TV3409	317F	10	6297	86/10/19	87/07/01

8900056	F015	TV3410	317F	10	6295	86/10/19	87/07/01
8900056	F015	TV3411	317F	10	6299	86/10/19	87/07/01
8900056	F015	TV3412	317F	10	6299	86/10/19	87/07/01
8900056	F015	TV3413	317F	10	6299	86/10/19	87/07/01
8900056	F015	TV3414	317F	9	6069	86/10/19	87/06/01
8900056	F015	TV3415	317F	9	6069	86/10/19	87/06/01
8900056	F015	TV3416	317F	9	6069	86/10/19	87/06/01
8900056	F015	TV3417	317F	9	6069	86/10/19	87/06/01
8900056	F015	TV3418	317F	9	6067	86/10/19	87/06/01
8900056	F015	TV3419	317F	9	6067	86/10/19	87/06/01
8900056	F015	TV3420	317F	9	6067	86/10/19	87/06/01
8900056	F015	TV3421	317F	9	6067	86/10/19	87/06/01
8900056	F015	TV3422	317F	9	6065	86/10/19	87/06/01
8900056	F015	TV3423	317F	10	6268	86/10/19	87/07/01
8900056	F015	TV3424	317F	10	6268	86/10/19	87/07/01
8900056	F015	TV3425	317F	10	6268	86/10/19	87/07/01
8900056	F015	TV3426	317F	6	3330	86/10/19	87/03/01
8900056	F015	TV3427	317F	11	7847	87/07/07	88/05/01
8900056	F015	TV3428	317F	11	7847	87/07/07	88/05/01
8900056	F015	TV3429	317F	5	3250	87/07/07	87/11/01
8900056	F015	TV3430	317F	11	7910	87/07/01	88/05/01
8900056	F015	TV3431	317F	4	2825	87/07/01	87/10/01
8900056	F015	TV3432	317F	11	7910	87/07/01	88/05/01
8900056	F015	TV3433	317F	11	7894	87/07/03	88/05/01
8900056	F015	TV3434	317F	11	7894	87/07/03	88/05/01
8900056	F015	TV3435	317F	11	7894	87/07/03	88/05/01
8900056	F015	TV3436	317F	10	6619	84/10/04	85/07/01
8900056	F015	TV3437	317F	10	6577	84/10/03	85/07/01
8900056	F015	TV3438	317F	10	6619	84/10/04	85/07/01
8900056	F017	TV2966	317F	11	6933	85/10/21	86/08/01
8900056	F017	TV2967	317F	11	7073	85/10/11	86/08/01
8900056	F017	TV2968	317F	11	6932	85/10/20	86/08/01
8900056	F017	TV2969	317F	11	6935	85/10/20	86/08/01
8900056	F017	TV2970	317F	11	7062	85/10/11	86/08/01
8900056	F017	TV2971	317F	11	7074	85/10/14	86/08/01
8900056	F017	TV2972	317F	12	8154	86/08/03	87/07/01
8900056	F017	TV2973	317F	12	7999	86/08/02	87/07/01
8900056	F017	TV2974	317F	12	7984	86/08/04	87/07/01
8900056	F017	TV2975	317F	10	6298	86/10/19	87/07/01
8900056	F017	TV2976	317F	10	6302	86/10/19	87/07/01
8900056	F017	TV2977	317F	9	6074	86/10/19	87/06/01
8900056	F017	TV2978	317F	11	7063	85/10/11	86/08/01
8900056	F017	TV2979	317F	11	7063	85/10/11	86/08/01
8900056	F017	TV2980	317F	11	7913	87/07/01	88/05/01
8900056	F017	TV2981	317F	10	6579	84/10/03	85/07/01
8900056	F017	TV2982	317F	8	4574	84/11/28	85/06/01
8900056	F017	TV2983	317F	10	6602	84/10/04	85/07/01

(103 rows affected)