

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000078	076583	C116		3101	PAAZ 18		06/24/88	07/28/88	44	44
9000078	076584	C116		3101	PAAZ 20		08/14/88	09/24/88	37	37
9000078	076585	C116		3101	PAAZ 21		10/06/88	11/16/88	29	29
9000078	076586	C116		3101	32CC 1		05/10/89	05/24/89	11	11
9000078	076587	C116		3101	PAHA 5 1		07/16/88	07/24/88	7	7
9000078	076588	C116		3101	PAHA 5 2		08/05/88	08/25/88	17	17
9000078	076589	C116		3101	PAHA 5 4		09/09/88	09/27/88	14	14
9000078	076590	C116		3101	PAHA 5 6		10/14/88	11/04/88	17	17
9000078	076591	C116		3101	PAHA 5 8		11/17/88	12/04/88	17	17
9000078	076592	C116		3101	PAHA 5 10		12/19/88	01/14/89	33	33
9000078	076593	C116		3101	PAHA 5 13		02/02/89	05/28/89	93	93
9000078	076594	C116		3101	PAHA 5 22		06/18/89	06/25/89	13	13
9000078	076595	C116		3101	49JB 1		09/05/88	10/30/88	30	30
9000078	076596	C116		3101	49JB 2		11/17/88	12/30/88	21	21
9000078	076597	C116		3101	49JB 4		01/17/89	02/13/89	22	22
9000078	076598	C116		3101	49JB 4		03/06/89	04/15/89	45	45
9000078	076599	C116		3101	26LC 2 2		05/22/89	05/28/89	11	11
9000078	076600	C116		3101	26LC 2 3		06/25/89	06/30/89	11	11
9000078	076601	C116		3101	26LB 2 1		06/11/89	06/18/89	7	7
9000078	076602	C116		3101	26LB 2 2		07/14/89	07/21/89	10	10
9000078	076603	C116		3101	26LB 2 3		08/09/89	08/21/89	5	5
9000078	076604	C116		3101	PAAB 25		05/26/88	06/05/88	20	20
9000078	076605	C116		3101	PAAB 25		07/23/88	07/25/88	2	2
9000078	076606	C116		3101	PAAB 26		08/06/88	08/20/88	13	13
9000078	076607	C116		3101	PAAB 26		09/19/88	10/16/88	26	26
9000078	076608	C116		3101	PAAB 28		03/02/89	03/10/89	17	17
9000078	076609	C116		3101	PAAB 29		04/18/89	05/11/89	30	30
9000078	076610	C116		3101	PAAB 32		06/16/89	06/26/89	9	9
9000078	076611	C116		3101	PAAA 29		06/25/88	07/23/88	36	36
9000078	076612	C116		3101	PAAA 30		08/10/88	09/26/88	50	50
9000078	076613	C116		3101	PAAA 32		10/13/88	11/02/88	15	15
9000078	076614	C116		3101	PAAA 33		06/01/89	06/01/89	1	1
9000078	076615	C116		3101	26MT 2 1		05/02/89	05/29/89	12	12
9000078	076616	C116		3101	26MT 2 2		06/12/89	06/25/89	15	15
9000078	076617	C116		3101	26MT 2 4		07/22/89	07/29/89	16	16
9000078	076618	C116		3101	26MT 2 5		08/14/89	09/11/89	16	16
9000078	076619	C116		3101	PAAC 2 39		06/30/88	07/22/88	27	27
9000078	076620	C116		3101	PAAC 2 40		08/25/88	08/27/88	6	6
9000078	076621	C116		3101	PAAC 2 41		09/10/88	10/03/88	29	29
9000078	076622	C116		3101	PAAC 2 42		10/16/88	11/07/88	28	28
9000078	076623	C116		3101	PAAC 2 43		11/20/88	11/29/88	33	33
9000078	076624	C116		3101	PAAC 2 44		12/24/88	01/16/89	36	36
9000078	076625	C116		3101	PAAC 2 45		02/08/89	02/27/89	38	38
9000078	076626	C116		3101	PAAC 2 46		03/13/89	04/02/89	39	39
9000078	076627	C116		3101	PAAC 2 47		04/16/89	05/06/89	39	39
9000078	076628	C116		3101	PAAC 2 48		05/19/89	06/09/89	42	42
9000078	076629	C116		3101	54PA 68		06/04/88	06/29/88	44	44
9000078	076630	C116		3101	54PA 70		07/16/88	12/12/88	135	135
9000078	076631	C116		3101	54PA 81		12/23/88	12/26/88	2	2
9000078	076632	C116		3101	54PA 82		01/10/89	05/12/89	184	184
9000078	076633	C116		3101	54PA 91		06/01/89	09/02/89	155	155

000078	076634	C116	3101	320N	1	02/21/89	08/12/89	165	165
000078	076635	C116	3101	49CC	5	06/18/88	06/27/88	15	15
9000078	076636	C116	3101	49CC	6	07/09/88	07/31/88	20	20
9000078	076637	C116	3101	49CC	8	08/13/88	09/03/88	15	15
9000078	076638	C116	3101	49CC	10	09/19/88	11/05/88	26	26
9000078	076639	C116	3101	49CC	14	11/18/88	12/12/88	26	26
9000078	076640	C116	3101	49CC	16	12/24/88	02/19/89	68	68
9000078	076641	C116	3101	49CC	22	03/04/89	03/13/89	15	15
9000078	076642	C116	3101	49CC	23	04/22/89	05/01/89	16	16
9000078	076643	C116	3101	49CC	24	05/13/89	05/21/89	18	18
9000078	076644	C116	3101	32Q7	1	06/16/88	06/20/88	10	10
9000078	076645	C116	3101	32Q7	2	07/21/88	07/26/88	12	12
9000078	076646	C116	3101	32Q7	3	08/25/88	08/31/88	10	10
9000078	076647	C116	3101	32Q7	4	09/12/88	09/15/88	4	4
9000078	076648	C116	3101	32Q7	5	09/29/88	10/20/88	13	13
9000078	076649	C116	3101	32Q7	7	11/03/88	11/24/88	13	13
9000078	076650	C116	3101	32Q7	9	12/23/88	12/28/88	5	5
9000078	076651	C116	3101	32Q7	10	01/11/89	02/25/89	44	44
9000078	076652	C116	3101	32Q7	14	03/23/89	04/12/89	11	11
9000078	076653	C116	3101	32Q7	15	04/27/89	05/16/89	27	27
9000078	076654	C116	3101	32Q7	17	05/31/89	06/20/89	27	27
9000078	076655	C116	3101	32Q7	18	07/07/89	07/21/89	12	12
9000078	076656	C116	3101	CYAB	1	12/27/88	01/16/89	24	24
9000078	076657	C116	3101	CYAB	1	01/28/89	02/11/89	19	19
9000078	076658	C116	3101	CYAB	1	02/27/89	03/14/89	29	29

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ACCESSION NO. 90 00078FILETYPE C116

TRACK NO. _____

PROJECT
IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	4-2-90	FJTM	Disquette				2,254
DUPLICATE TAPE							
REFORMATTED TAPE	4-6-90	R.P.S.	W01313 *	1	V	V	2,253
REFORMATTED DISK ↓	5-31-90	R.P.S.	W02993 *				
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

~~* LABEL: DNODC * VOSP OUT.~~~~* LABEL DNODC * VOSP OUT.~~
5-30-90

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

Re-submitted: DISK
DNODC * VOSPBDAT.

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

90 00078

RCVD: -4-2-90
#063

TGA

Norman Hall (A-030)
Volunteer Observing Ship Program
Scripps Institution of Oceanography
University of California, San Diego
La Jolla, CA 92093

26 March 1990

Chris Noe & Nelson Ross
NOAA
Southwest Fisheries Center
La Jolla, CA 92093

Dear Chris & Nelson,

Enclosed is one MS-DOS data disk containing XBT data to be forwarded to the National Oceanographic Data Center.

The data files contain data for 1989, as well as some data from 1988 which has not previously been sent to you. The data is from 15 different ships, and is separated into separate files by ship and by month. The total number of XBT drops represented is 2,254.

The physical format is 3 1/2 inch 720K MS-DOS formatted floppy disk. We would prefer to use this over 360K disks, since 360K disks written with high-density AT drives can sometimes cause problems when read on a different machine. If 5 1/4 inch 360K or high-density disks would be preferred, let us know and we can resubmit this data in one of those formats, and use it in the future.

This data is, I believe, in the logical format recommended by the NODC User's Guide. In the root directory of the disk is a file with the complete description of the format used. A printed copy of this file is also attached. The depths and temperatures are in the form of inflection points selected by a statistical program. A flag indicates the tolerance limit used for the calculation.

This is the last of our data to be processed on old Hewlett-Packard equipment and then transferred to PC-DOS disks. All our data will now be processed on PC-DOS based equipment. The remaining 1989 data is also nearly ready to send to you, but we will wait for confirmation from you that the logical and physical formats used for the enclosed data are appropriate.

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

```

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

```

```

      1      1
      0      1
7      8      9
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)
19 24 DATE (Y=Year, M=Month, D=Day)
24 29 TIME (H=Hour, M=Minute, P=Precision: 3 => nearest hour)
54 (Left blank for use by NODC)
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))

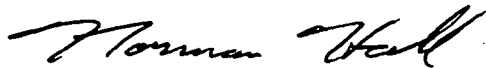
Any questions, requests for alterations, complaints, notification of errors,
etc. should be addressed to:

Norman Hall (A-030)
Volunteer Observing Ship Program
Pappas Institution of Oceanography
La Jolla, CA 923093

(619) 534-6006

If you have any difficulties with this data, or questions, comments, or suggestions, please write or call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Norman Hall".

Norman Hall
Programmer/Analyst

Encl: File Format Description

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 QDDMMXNPDDMMXEPYYMMDDHHMMP      XXXXXXXXYYYYY
X 740204N1136521W188071600 3      3EZG5 1 1

```

```

      1      1
7      8      9      0      1
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)
19 24 DATE (Y=Year, M=Month, D=Day)
24 29 TIME (H=Hour, M=Minute, P=Precision: 3 => nearest hour)
30 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)
77 77 DIGITIZATION METHOD (05 => direct digital output)
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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 (A-030)
 Volunteer Observing Ship Program
 Scripps Institution of Oceanography
 La Jolla, CA 923093

(619) 534-6006

Password:

accNo	fleaA	refNo	proj	inst	ship	startDate	cruise	catId
-----	----	-----	-----	-----	-----	-----	-----	-----
9000078	C116	076601	9999	3101	26LB	1989/06/11	2	190898
9000078	C116	076602	9999	3101	26LB	1989/07/14	2	190899
9000078	C116	076603	9999	3101	26LB	1989/08/09	2	190900
9000078	C116	076599	9999	3101	26LC	1989/05/21	2	190896
9000078	C116	076600	9999	3101	26LC	1989/06/25	2	190897
9000078	C116	076615	9999	3101	26MT	1989/05/02	2	190912
9000078	C116	076616	9999	3101	26MT	1989/06/12	2	190913
9000078	C116	076617	9999	3101	26MT	1989/07/22	2	190914
9000078	C116	076618	9999	3101	26MT	1989/08/14	2	190915
9000078	C116	076634	9999	3101	320N	1989/02/21	1	190931
9000078	C116	076586	9999	3101	32CC	1989/05/10	1	190883
9000078	C116	076644	9999	3101	32Q7	1988/06/16	1	190941
9000078	C116	076645	9999	3101	32Q7	1988/07/21	2	190942
9000078	C116	076646	9999	3101	32Q7	1988/08/25	3	190943
9000078	C116	076647	9999	3101	32Q7	1988/09/12	4	190944
9000078	C116	076648	9999	3101	32Q7	1988/09/29	5	190945
9000078	C116	076649	9999	3101	32Q7	1988/11/03	7	190946
9000078	C116	076650	9999	3101	32Q7	1988/12/22	9	190947
9000078	C116	076651	9999	3101	32Q7	1989/01/11	10	190948
9000078	C116	076652	9999	3101	32Q7	1989/03/23	14	190949
9000078	C116	076653	9999	3101	32Q7	1989/04/27	15	190950
9000078	C116	076654	9999	3101	32Q7	1989/05/31	17	190951
9000078	C116	076655	9999	3101	32Q7	1989/07/07	18	190952
9000078	C116	076635	9999	3101	49CC	1988/06/18	5	190932
9000078	C116	076636	9999	3101	49CC	1988/07/09	6	190933
9000078	C116	076637	9999	3101	49CC	1988/08/13	8	190934
9000078	C116	076638	9999	3101	49CC	1988/09/19	10	190935
9000078	C116	076639	9999	3101	49CC	1988/11/18	14	190936
9000078	C116	076640	9999	3101	49CC	1988/12/24	16	190937
9000078	C116	076641	9999	3101	49CC	1989/03/04	22	190938
9000078	C116	076642	9999	3101	49CC	1989/04/22	23	190939
9000078	C116	076643	9999	3101	49CC	1989/05/13	24	190940
9000078	C116	076595	9999	3101	49JB	1988/09/05	1	190892
9000078	C116	076596	9999	3101	49JB	1988/11/17	2	190893
9000078	C116	076597	9999	3101	49JB	1989/01/17	4	190894
9000078	C116	076598	9999	3101	49JB	1989/03/06	4	190895
9000078	C116	076629	9999	3101	54PA	1988/06/04	68	190926
9000078	C116	076630	9999	3101	54PA	1988/07/16	70	190927
9000078	C116	076631	9999	3101	54PA	1988/12/23	81	190928
9000078	C116	076632	9999	3101	54PA	1989/01/10	82	190929
9000078	C116	076633	9999	3101	54PA	1989/06/01	91	190930
9000078	C116	076656	9999	3101	CYAB	1988/12/27	1	190953
9000078	C116	076657	9999	3101	CYAB	1989/01/28	1	190954
9000078	C116	076658	9999	3101	CYAB	1989/02/27	1	190955
9000078	C116	076611	9999	3101	PAAA	1988/06/25	29	190908
9000078	C116	076612	9999	3101	PAAA	1988/08/10	30	190909
9000078	C116	076613	9999	3101	PAAA	1988/10/13	32	190910
9000078	C116	076614	9999	3101	PAAA	1989/06/01	33	190911
9000078	C116	076604	9999	3101	PAAB	1988/05/26	25	190901
9000078	C116	076605	9999	3101	PAAB	1988/07/23	25	190902
9000078	C116	076606	9999	3101	PAAB	1988/08/06	26	190903
9000078	C116	076607	9999	3101	PAAB	1988/09/19	26	190904
9000078	C116	076608	9999	3101	PAAB	1989/03/02	28	190905
9000078	C116	076609	9999	3101	PAAB	1989/04/18	29	190906
9000078	C116	076610	9999	3101	PAAB	1989/06/16	32	190907
9000078	C116	076619	9999	3101	PAAC	1988/06/30	2	190916

9000078	C116	076620	9999	3101	PAAC	1988/08/25	2	190917
9000078	C116	076621	9999	3101	PAAC	1988/09/10	2	190918
9000078	C116	076622	9999	3101	PAAC	1988/10/16	2	190919
9000078	C116	076623	9999	3101	PAAC	1988/11/20	2	190920
9000078	C116	076624	9999	3101	PAAC	1988/12/24	2	190921
9000078	C116	076625	9999	3101	PAAC	1989/02/08	2	190922
9000078	C116	076626	9999	3101	PAAC	1989/03/13	2	190923
9000078	C116	076627	9999	3101	PAAC	1989/04/16	2	190924
9000078	C116	076628	9999	3101	PAAC	1989/05/19	2	190925
9000078	C116	076583	9999	3101	PAAZ	1988/06/24	18	190880
9000078	C116	076584	9999	3101	PAAZ	1988/08/14	20	190881
9000078	C116	076585	9999	3101	PAAZ	1988/10/06	21	190882
9000078	C116	076587	9999	3101	PAHA	1988/07/16	5	190884
9000078	C116	076588	9999	3101	PAHA	1988/08/05	5	190885
9000078	C116	076589	9999	3101	PAHA	1988/09/09	5	190886
9000078	C116	076590	9999	3101	PAHA	1988/10/14	5	190887
9000078	C116	076591	9999	3101	PAHA	1988/11/17	5	190888
9000078	C116	076592	9999	3101	PAHA	1988/12/19	5	190889
9000078	C116	076593	9999	3101	PAHA	1989/02/02	5	190890
9000078	C116	076594	9999	3101	PAHA	1989/06/18	5	190891

(76 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9000078	C116	076601	26LB	7	7	89/06/11	89/06/18
9000078	C116	076602	26LB	10	10	89/07/14	89/07/21
9000078	C116	076603	26LB	5	5	89/08/09	89/08/21
9000078	C116	076599	26LC	11	9	89/05/21	89/05/28
9000078	C116	076600	26LC	11	11	89/06/25	89/06/30
9000078	C116	076615	26MT	12	12	89/05/02	89/05/29
9000078	C116	076616	26MT	15	13	89/06/12	89/06/25
9000078	C116	076617	26MT	16	16	89/07/22	89/07/29
9000078	C116	076618	26MT	16	16	89/08/14	89/09/11
9000078	C116	076634	320N	165	165	89/02/21	89/08/12
9000078	C116	076586	32CC	11	11	89/05/10	89/05/24
9000078	C116	076644	32Q7	10	10	88/06/16	88/06/20
9000078	C116	076645	32Q7	12	12	88/07/21	88/07/26
9000078	C116	076646	32Q7	10	10	88/08/25	88/08/31
9000078	C116	076647	32Q7	4	4	88/09/12	88/09/15
9000078	C116	076648	32Q7	13	13	88/09/29	88/10/20
9000078	C116	076649	32Q7	13	13	88/11/03	88/11/24
9000078	C116	076650	32Q7	5	5	88/12/22	88/12/28
9000078	C116	076651	32Q7	44	40	89/01/11	89/02/25
9000078	C116	076652	32Q7	11	11	89/03/23	89/04/12
9000078	C116	076653	32Q7	27	27	89/04/27	89/05/16
9000078	C116	076654	32Q7	27	27	89/05/31	89/06/20
9000078	C116	076655	32Q7	12	12	89/07/07	89/07/21
9000078	C116	076635	49CC	15	15	88/06/18	88/06/27
9000078	C116	076636	49CC	20	20	88/07/09	88/07/31
9000078	C116	076637	49CC	15	15	88/08/13	88/09/03
9000078	C116	076638	49CC	26	24	88/09/19	88/11/05
9000078	C116	076639	49CC	26	26	88/11/18	88/12/12
9000078	C116	076640	49CC	68	68	88/12/24	89/02/19
9000078	C116	076641	49CC	15	15	89/03/04	89/03/13
9000078	C116	076642	49CC	16	16	89/04/22	89/05/01
9000078	C116	076643	49CC	18	18	89/05/13	89/05/21
9000078	C116	076595	49JB	30	30	88/09/05	88/10/30
9000078	C116	076596	49JB	21	21	88/11/17	88/12/30
9000078	C116	076597	49JB	22	22	89/01/17	89/02/13
9000078	C116	076598	49JB	45	42	89/03/06	89/04/15
9000078	C116	076629	54PA	44	44	88/06/04	88/06/29
9000078	C116	076630	54PA	135	134	88/07/16	88/12/12
9000078	C116	076631	54PA	2	2	88/12/23	88/12/26
9000078	C116	076632	54PA	184	182	89/01/10	89/05/12
9000078	C116	076633	54PA	155	153	89/06/01	89/09/02
9000078	C116	076656	CYAB	24	24	88/12/27	89/01/16
9000078	C116	076657	CYAB	19	19	89/01/28	89/02/11
9000078	C116	076658	CYAB	29	29	89/02/27	89/03/14
9000078	C116	076611	PAAA	36	36	88/06/25	88/07/23
9000078	C116	076612	PAAA	50	50	88/08/10	88/09/26
9000078	C116	076613	PAAA	15	15	88/10/13	88/11/02
9000078	C116	076614	PAAA	1	1	89/06/01	89/06/01
9000078	C116	076604	PAAB	20	20	88/05/26	88/06/05
9000078	C116	076605	PAAB	2	2	88/07/23	88/07/25
9000078	C116	076606	PAAB	13	13	88/08/06	88/08/20
9000078	C116	076607	PAAB	26	26	88/09/19	88/10/16
9000078	C116	076608	PAAB	17	17	89/03/02	89/03/10
9000078	C116	076609	PAAB	30	30	89/04/18	89/05/11
9000078	C116	076610	PAAB	9	9	89/06/16	89/06/26
9000078	C116	076619	PAAC	27	27	88/06/30	88/07/22

9000078	C116	076620	PAAC	6	6	88/08/25	88/08/27
9000078	C116	076621	PAAC	29	29	88/09/10	88/10/03
9000078	C116	076622	PAAC	28	28	88/10/16	88/11/07
9000078	C116	076623	PAAC	33	33	88/11/20	88/11/29
9000078	C116	076624	PAAC	36	36	88/12/24	89/01/16
9000078	C116	076625	PAAC	38	38	89/02/08	89/02/27
9000078	C116	076626	PAAC	39	39	89/03/13	89/04/02
9000078	C116	076627	PAAC	39	39	89/04/16	89/05/06
9000078	C116	076628	PAAC	42	42	89/05/19	89/06/09
9000078	C116	076583	PAAZ	44	43	88/06/24	88/07/28
9000078	C116	076584	PAAZ	37	37	88/08/14	88/09/24
9000078	C116	076585	PAAZ	29	29	88/10/06	88/11/16
9000078	C116	076587	PAHA	7	7	88/07/16	88/07/24
9000078	C116	076588	PAHA	17	17	88/08/05	88/08/25
9000078	C116	076589	PAHA	14	14	88/09/09	88/09/27
9000078	C116	076590	PAHA	17	17	88/10/14	88/11/04
9000078	C116	076591	PAHA	17	17	88/11/17	88/12/04
9000078	C116	076592	PAHA	33	33	88/12/19	89/01/14
9000078	C116	076593	PAHA	93	93	89/02/02	89/05/28
9000078	C116	076594	PAHA	13	13	89/06/18	89/06/25

(76 rows affected)