

12/05/89

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:

Standard Level XBT's (C125)

Acc: 8900142 Ref: 044874 - 045095 3,883 sta. 3,883 rec.

JODC-Japan

(Japan Data Center Exchange)

Standard Level BT's (C125)

Acc: 8900142 Ref: 045096 - 045144 2,137 sta. 2,137 rec.

JODC-Japan

(Japan Data Center Exchange)

Ocean Stations (C100)

Acc: 8900142 Ref: 247001 - 247004 194 sta. 1,544 rec.

JODC-Japan

(Japan Data Center Exchange)

Ocean Stations (C100)

Acc: 8900142 Ref: 493836 - 493877 1,782 sta. 30,766 rec.

JODC-Japan

(Japan Data Center Exchange)

Ocean Stations (C100)

Acc: 8900142 Ref: 861321 - 861323 98 sta. 582 rec.

JODC-Japan

(Japan Data Center Exchange)

Geomag. Electrokintograph (L107)

Acc: 8900142 Ref: L00425 - L00425 12,816 sta. 12,816 rec.

JODC-Japan

(Japan Data Center Exchange)

cc: Division Director

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FILE . NAME S DATE

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ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900142	044874	C125		49	49AQ	AM8701	01/27/87	01/28/87	3	3
8900142	044875	C125		4900	49AQ	AM8703	03/20/87	03/20/87	3	3
8900142	044876	C125		4900	49AQ	AM8705	05/26/87	05/26/87	3	3
8900142	044877	C125		4900	49AQ	AM8707	06/28/87	06/28/87	3	3
8900142	044878	C125		4900	49AQ	AM8709	07/12/87	07/12/87	2	2
8900142	044879	C125		4900	49AQ	AM8710	10/29/87	10/29/87	3	3
8900142	044880	C125		4900	49AX	AW8701	11/21/87	11/25/87	25	25
8900142	044881	C125		4900	4991		10/04/87	10/04/87	11	11
8900142	044882	C125		4900	49DK	BU8701	05/29/87	05/29/87	5	5
8900142	044883	C125		4900	49DK	BU8702	07/13/87	07/13/87	4	4
8900142	044884	C125		4900	49C4	CO8703	05/25/87	05/31/87	9	9
8900142	044885	C125		4900	49C4	CO8705	07/25/87	07/31/87	9	9
8900142	044886	C125		4900	49C4	CO8707	08/13/87	08/15/87	41	41
8900142	044887	C125		4900	49C4	CO8708	11/24/87	11/24/87	2	2
8900142	044888	C125		4900	49C4	CO8709	12/16/87	12/23/87	9	9
8900142	044889	C125		4900	49DB	DE8703	08/03/87	08/06/87	39	39
8900142	044890	C125		4900	49BT	EC8701	05/06/87	05/09/87	29	29
8900142	044891	C125		4900	49BT	EC8702	07/07/87	07/10/87	28	28
8900142	044892	C125		4900	49GI	EU8701	03/05/87	03/05/87	7	7
8900142	044893	C125		4900	49GI	EU8703	08/19/87	08/19/87	5	5
8900142	044894	C125		4900	49GI	EU8704	11/16/87	11/16/87	7	7
8900142	044895	C125		4900	49GP	GE8701	01/19/87	01/20/87	5	5
8900142	044896	C125		4900	49GP	GE8702	02/18/87	02/19/87	4	4
8900142	044897	C125		4900	49GP	GE8703	04/03/87	04/04/87	5	5
8900142	044898	C125		4900	49GP	GE8704	04/27/87	04/27/87	5	5
8900142	044899	C125		4900	49GP	GE8705	07/14/87	07/14/87	5	5
8900142	044900	C125		4900	49GP	GE8706	08/09/87	08/09/87	5	5
8900142	044901	C125		4900	49GP	GE8707	10/26/87	10/26/87	4	4
8900142	044902	C125		4900	49GP	GE8708	12/11/87	12/11/87	5	5
8900142	044903	C125		4900	49GH	GM8702	05/07/87	05/08/87	6	6
8900142	044904	C125		4900	49GH	GM8702	05/21/87	05/21/87	4	4
8900142	044905	C125		4900	49GH	GM8703	06/22/87	06/23/87	5	5
8900142	044906	C125		4900	49GH	GM8704	09/21/87	09/29/87	9	9
8900142	044907	C125		4900	49GH	GM8706	11/09/87	11/10/87	5	5
8900142	044908	C125		4900	49SN	HI8702	08/17/87	08/20/87	39	39
8900142	044909	C125		4900	49ID	IU8701	01/26/87	01/26/87	3	3
8900142	044910	C125		4900	49ID	IU8702	04/15/87	04/15/87	3	3
8900142	044911	C125		4900	49ID	IU8703	05/15/87	05/15/87	1	1
8900142	044912	C125		4900	49ID	IU8704	06/26/87	06/26/87	3	3
8900142	044913	C125		4900	49ID	IU8705	08/18/87	08/18/87	2	2
8900142	044914	C125		4900	49IF	IW8701	03/11/87	03/13/87	33	33
8900142	044915	C125		4900	49K6		04/15/87	04/16/87	11	11
8900142	044916	C125		4900	49K6		05/01/87	05/01/87	1	1
8900142	044917	C125		4900	49K6		05/15/87	05/15/87	1	1
8900142	044918	C125		4900	49BE		01/31/87	02/18/87	55	55
8900142	044919	C125		4900	49BE		04/09/87	04/11/87	23	23
8900142	044920	C125		4900	49BE		05/12/87	05/14/87	25	25
8900142	044921	C125		4900	49BE		05/28/87	06/06/87	70	70
8900142	044922	C125		4900	49BE	KA8701	07/21/87	07/22/87	8	8
8900142	044923	C125		4900	49BE		08/27/87	08/29/87	32	32
8900142	044924	C125		4900	49BE		10/27/87	10/28/87	12	12

000142	044925	C125	4900	49BE	12/14/87	12/23/87	69	69
000142	044926	C125	4900	49EK KE8701	01/14/87	02/11/87	30	30
8900142	044927	C125	4900	49EK KE8702	03/04/87	03/05/87	2	2
8900142	044928	C125	4900	49EK KE8703	04/20/87	04/24/87	3	3
8900142	044929	C125	4900	49EK KE8704	05/10/87	05/20/87	2	2
8900142	044930	C125	4900	49EK KE8705	06/16/87	06/23/87	7	7
8900142	044931	C125	4900	49EK KE8705	07/21/87	07/21/87	1	1
8900142	044932	C125	4900	49EK KE8706	08/07/87	09/19/87	18	18
8900142	044933	C125	4900	49EK KE8707	10/03/87	10/13/87	6	6
8900142	044934	C125	4900	49EK KE8708	11/01/87	11/25/87	24	24
8900142	044935	C125	4900	49KQ KH8701	01/25/87	01/26/87	4	4
8900142	044936	C125	4900	49KQ KH8702	02/11/87	02/11/87	4	4
8900142	044937	C125	4900	49KQ KH8703	03/09/87	03/11/87	22	22
8900142	044938	C125	4900	49KQ KH8704	07/03/87	07/04/87	4	4
8900142	044939	C125	4900	49KQ KH8705	08/10/87	08/10/87	5	5
8900142	044940	C125	4900	49KQ KH8706	09/26/87	09/29/87	32	32
8900142	044941	C125	4900	49KQ KH8707	11/23/87	11/23/87	2	2
8900142	044942	C125	4900	49KF KO8702	02/17/87	02/21/87	22	22
8900142	044943	C125	4900	49KF KO8704	05/05/87	05/07/87	21	21
8900142	044944	C125	4900	49KF KO8707	07/01/87	07/06/87	33	33
8900142	044945	C125	4900	49KF KO8710	10/12/87	10/12/87	5	5
8900142	044946	C125	4900	49KF KO8710	10/28/87	10/29/87	13	13
8900142	044947	C125	4900	49C5 KS8701	03/17/87	03/17/87	1	1
8900142	044948	C125	4900	49C5 KS8702	04/23/87	04/24/87	4	4
8900142	044949	C125	4900	49MW MC8701	05/18/87	05/22/87	63	63
8900142	044950	C125	4900	49MW MC8702	12/09/87	12/13/87	55	55
8900142	044951	C125	4900	49GQ	03/09/87	03/16/87	4	4
000142	044952	C125	4900	49M6 MR8701	04/03/87	04/03/87	3	3
000142	044953	C125	4900	49M6 MR8702	04/24/87	04/24/87	2	2
8900142	044954	C125	4900	49M6 MR8703	06/01/87	06/11/87	7	7
8900142	044955	C125	4900	49M6 MR8705	08/06/87	08/06/87	4	4
8900142	044956	C125	4900	49M6 MR8706	08/22/87	08/22/87	2	2
8900142	044957	C125	4900	49M6 MR8707	11/27/87	11/27/87	3	3
8900142	044958	C125	4900	49TU NC8703	03/16/87	03/16/87	10	10
8900142	044959	C125	4900	49TU NC8704	04/27/87	04/28/87	8	8
8900142	044960	C125	4900	49TU NC8704	05/13/87	05/13/87	8	8
8900142	044961	C125	4900	49TU NC8707	07/16/87	07/17/87	9	9
8900142	044962	C125	4900	49TU NC8707	07/31/87	08/02/87	17	17
8900142	044963	C125	4900	49TU NC8709	10/07/87	10/10/87	13	13
8900142	044964	C125	4900	49BX NE8701	03/14/87	03/15/87	12	12
8900142	044965	C125	4900	49BX NE8705	05/16/87	05/17/87	23	23
8900142	044966	C125	4900	49BX NE8709	07/30/87	08/03/87	39	39
8900142	044967	C125	4900	49BX NE8711	11/10/87	11/11/87	18	18
8900142	044968	C125	4900	49GJ NM8706	12/14/87	12/16/87	51	51
8900142	044969	C125	4900	49OB OI8701	01/01/87	01/01/87	2	2
8900142	044970	C125	4900	49OB OI8702	04/19/87	05/09/87	16	16
8900142	044971	C125	4900	49OB OI8704	12/17/87	12/17/87	1	1
8900142	044972	C125	4900	49NO OT8701	01/05/87	01/07/87	3	3
8900142	044973	C125	4900	49NO OT8702	02/21/87	02/23/87	9	9
8900142	044974	C125	4900	49NO OT8703	03/17/87	03/21/87	54	54
8900142	044975	C125	4900	49NO OT8704	08/13/87	08/13/87	4	4
8900142	044976	C125	4900	49NO OT8705	09/02/87	09/02/87	2	2
8900142	044977	C125	4900	49NO OT8706	11/13/87	11/14/87	5	5
8900142	044978	C125	4900	49NO OT8707	12/24/87	12/24/87	5	5
8900142	044979	C125	4900	49RI RI8703	04/25/87	04/27/87	17	17
8900142	044980	C125	4900	49RY RY8701	01/24/87	01/25/87	5	5

8900142	044981	C125	4900	49RY	RY8701	02/26/87	03/03/87	23	23
8900142	044982	C125	4900	49RY	RY8704	04/20/87	05/14/87	31	31
8900142	044983	C125	4900	49RY	RY8706	06/11/87	06/17/87	16	16
8900142	044984	C125	4900	49RY	RY8706	06/28/87	07/25/87	26	26
8900142	044985	C125	4900	49RY	RY8709	09/18/87	09/19/87	10	10
8900142	044986	C125	4900	49RY	RY8710	10/04/87	10/11/87	13	13
8900142	044987	C125	4900	49RY	RY8710	10/23/87	11/02/87	13	13
8900142	044988	C125	4900	49RY	RY8711	11/20/87	12/09/87	31	31
8900142	044989	C125	4900	49ST	SA8703	05/18/87	05/21/87	20	20
8900142	044990	C125	4900	49ST	SA8707	11/25/87	11/27/87	23	23
8900142	044991	C125	4900	49SA	SD8701	01/30/87	03/21/87	62	62
8900142	044992	C125	4900	49SA	SD8702	04/14/87	05/04/87	51	51
8900142	044993	C125	4900	49SA	SD8705	05/18/87	07/11/87	99	99
8900142	044994	C125	4900	49SA	SD8706	07/26/87	08/24/87	58	58
8900142	044995	C125	4900	49SA	SD8706	09/09/87	09/09/87	5	5
8900142	044996	C125	4900	49SA	SD8706	09/23/87	10/02/87	20	20
8900142	044997	C125	4900	49SA	SD8710	10/27/87	10/27/87	10	10
8900142	044998	C125	4900	49SA	SD8711	11/21/87	12/04/87	40	40
8900142	044999	C125	4900	49SA	SD8710	12/24/87	12/26/87	24	24
8900142	045000	C125	4900	49GR	SG8701	01/27/87	01/27/87	6	6
8900142	045001	C125	4900	49GR	SG8702	03/24/87	03/24/87	6	6
8900142	045002	C125	4900	49GR	SG8703	04/17/87	04/18/87	6	6
8900142	045003	C125	4900	49GR	SG8704	05/12/87	05/12/87	4	4
8900142	045004	C125	4900	49GR	SG8704	05/27/87	06/01/87	8	8
8900142	045005	C125	4900	49GR	SG8705	07/08/87	07/09/87	9	9
8900142	045006	C125	4900	49GR	SG8706	08/01/87	08/04/87	5	5
8900142	045007	C125	4900	49GR	SG8706	08/16/87	08/17/87	3	3
8900142	045008	C125	4900	49GR	SG8707	11/15/87	11/15/87	3	3
8900142	045009	C125	4900	49SU	SH8702	02/07/87	02/18/87	24	24
8900142	045010	C125	4900	49SU	SH8702	03/01/87	03/03/87	15	15
8900142	045011	C125	4900	49SU	SH8704	04/24/87	04/27/87	17	17
8900142	045012	C125	4900	49SU	SH8704	05/13/87	05/15/87	6	6
8900142	045013	C125	4900	49SU	SH8707	07/25/87	07/25/87	10	10
8900142	045014	C125	4900	49SU	SH8708	08/28/87	08/29/87	34	34
8900142	045015	C125	4900	49SU	SH8709	10/05/87	10/21/87	37	37
8900142	045016	C125	4900	49SU	SH8711	11/17/87	11/22/87	9	9
8900142	045017	C125	4900	49SH	SI8702	02/05/87	02/22/87	44	44
8900142	045018	C125	4900	49SH	SI8705	05/18/87	05/18/87	2	2
8900142	045019	C125	4900	49SH	SI8707	07/11/87	07/11/87	1	1
8900142	045020	C125	4900	49SH	SI8709	09/26/87	09/26/87	4	4
8900142	045021	C125	4900	49SH	SI8711	11/07/87	11/22/87	11	11
8900142	045022	C125	4900	49SQ	SK8701	02/16/87	02/16/87	15	15
8900142	045023	C125	4900	49SC		06/20/87	07/01/87	25	25
8900142	045024	C125	4900	49C7	SV8701	01/16/87	01/16/87	8	8
8900142	045025	C125	4900	49GM	SW8701	01/03/87	01/04/87	10	10
8900142	045026	C125	4900	49GM	SW8702	01/24/87	01/30/87	16	16
8900142	045027	C125	4900	49GM	SW8705	03/15/87	03/26/87	11	11
8900142	045028	C125	4900	49GM	SW8708	05/11/87	05/11/87	3	3
8900142	045029	C125	4900	49GM	SW8709	06/29/87	07/05/87	15	15
8900142	045030	C125	4900	49GM	SW8712	08/19/87	08/19/87	9	9
8900142	045031	C125	4900	49GM	SW8713	09/02/87	09/03/87	7	7
8900142	045032	C125	4900	49GM	SW8715	09/18/87	09/19/87	6	6
8900142	045033	C125	4900	49GM	SW8717	10/09/87	10/10/87	9	9
8900142	045034	C125	4900	49GM	SW8718	10/22/87	10/24/87	6	6
8900142	045035	C125	4900	49GM	SW8720	11/16/87	11/16/87	3	3
8900142	045036	C125	4900	49GM	SW8721	12/04/87	12/05/87	6	6

8900142	045037	C125	4900	49TK	01/09/87	01/11/87	16	16
8900142	045038	C125	4900	49TK	01/25/87	01/27/87	13	13
8900142	045039	C125	4900	49TK	02/07/87	03/15/87	157	157
8900142	045040	C125	4900	49TK	04/13/87	04/14/87	9	9
8900142	045041	C125	4900	49TK	04/25/87	04/26/87	6	6
8900142	045042	C125	4900	49TK	05/22/87	05/24/87	15	15
8900142	045043	C125	4900	49TK	06/21/87	06/23/87	15	15
8900142	045044	C125	4900	49TK	07/08/87	07/09/87	6	6
8900142	045045	C125	4900	49TK	07/20/87	08/03/87	24	24
8900142	045046	C125	4900	49TK	10/19/87	10/21/87	19	19
8900142	045047	C125	4900	49TK	11/02/87	11/09/87	23	23
8900142	045048	C125	4900	49TK	11/21/87	11/22/87	8	8
8900142	045049	C125	4900	49ET	01/10/87	01/22/87	40	40
8900142	045050	C125	4900	49ET	02/04/87	02/05/87	3	3
8900142	045051	C125	4900	49ET TY8701	03/16/87	03/17/87	4	4
8900142	045052	C125	4900	49ET	04/15/87	04/25/87	20	20
8900142	045053	C125	4900	49ET	05/07/87	05/13/87	39	39
8900142	045054	C125	4900	49ET	06/12/87	06/13/87	12	12
8900142	045055	C125	4900	49ET	06/29/87	07/02/87	4	4
8900142	045056	C125	4900	49ET	08/07/87	08/07/87	1	1
8900142	045057	C125	4900	49ET	08/28/87	09/26/87	28	28
8900142	045058	C125	4900	49ET	10/08/87	10/25/87	21	21
8900142	045059	C125	4900	49WA	05/31/87	06/07/87	29	29
8900142	045060	C125	4900	49BZ WS8701	01/07/87	01/15/87	4	4
8900142	045061	C125	4900	49BZ WS8703	03/03/87	03/03/87	3	3
8900142	045062	C125	4900	49BZ WS8702	03/15/87	03/18/87	25	25
8900142	045063	C125	4900	49BZ WS8704	04/01/87	04/01/87	3	3
8900142	045064	C125	4900	49BZ WS8704	04/30/87	04/30/87	2	2
8900142	045065	C125	4900	49BZ WS8705	06/02/87	06/02/87	2	2
8900142	045066	C125	4900	49BZ WS8705	06/24/87	07/04/87	5	5
8900142	045067	C125	4900	49BZ WS8706	07/18/87	07/19/87	3	3
8900142	045068	C125	4900	49BZ WS8707	09/06/87	09/06/87	3	3
8900142	045069	C125	4900	49BZ WS8707	09/24/87	09/24/87	3	3
8900142	045070	C125	4900	49BZ WS8708	10/07/87	10/13/87	6	6
8900142	045071	C125	4900	49BZ WS8709	11/04/87	11/04/87	3	3
8900142	045072	C125	4900	49BZ WS8710	12/09/87	12/15/87	6	6
8900142	045073	C125	4900	4999	10/09/87	10/20/87	29	29
8900142	045074	C125	4900	4999	11/02/87	11/02/87	13	13
8900142	045075	C125	4900	49YJ YC8701	01/18/87	01/22/87	11	11
8900142	045076	C125	4900	49YJ YC8702	03/23/87	03/27/87	12	12
8900142	045077	C125	4900	49YJ YC8703	04/13/87	05/01/87	45	45
8900142	045078	C125	4900	49YJ YC8705	05/30/87	06/03/87	51	51
8900142	045079	C125	4900	49YJ YC8706	07/02/87	07/07/87	12	12
8900142	045080	C125	4900	49YJ YC8706	09/19/87	09/24/87	12	12
8900142	045081	C125	4900	49YJ YC8707	10/22/87	10/22/87	6	6
8900142	045082	C125	4900	49YJ YC8708	11/07/87	12/07/87	64	64
8900142	045083	C125	4900	49YV YU8703	12/14/87	12/15/87	23	23
8900142	045084	C125	4900	492S 86-11	11/27/86	12/17/86	50	50
8900142	045085	C125	4900	492S	04/13/87	04/30/87	37	37
8900142	045086	C125	4900	492S	05/11/87	05/28/87	87	87
8900142	045087	C125	4900	492S	06/11/87	07/12/87	17	17
8900142	045088	C125	4900	492S	07/24/87	08/06/87	48	48
8900142	045089	C125	4900	492S	08/26/87	09/07/87	52	52
8900142	045090	C125	4900	492S	10/07/87	11/04/87	117	117
8900142	045091	C125	4900	492S	11/18/87	11/30/87	63	63
8900142	045092	C125	4900	492S	12/12/87	12/21/87	74	74

00142	045093	C125	4900	49ZF	ZO8702	08/30/87	08/31/87	17	17
00142	045094	C125	4900	49KU	ZR8701	09/14/87	09/16/87	19	19
8900142	045095	C125	4900	49BW	ZS8701	09/21/87	09/22/87	12	12

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900142	045096	C125		2400	24PA		04/11/84	04/17/84	46	46
8900142	045097	C125		2400	24PA		06/05/84	06/12/84	45	45
8900142	045098	C125		2400	24PA		08/02/84	08/07/84	46	46
8900142	045099	C125		2400	24PA		10/09/84	10/19/84	56	56
8900142	045100	C125		2400	24PA		12/10/84	12/21/84	56	56
8900142	045101	C125		2400	24PA		02/02/85	02/07/85	46	46
8900142	045102	C125		2400	24PA		04/09/85	04/19/85	46	46
8900142	045103	C125		2400	24PA		06/04/85	06/11/85	46	46
8900142	045104	C125		2400	24PA		08/13/85	08/23/85	46	46
8900142	045105	C125		2400	24PA		10/08/85	10/21/85	46	46
8900142	045106	C125		2400	24PA		12/04/85	12/12/85	46	46
8900142	045107	C125		2400	24PA		02/05/86	02/11/86	46	46
8900142	045108	C125		2400	24PA		04/17/86	04/23/86	46	46
8900142	045109	C125		2400	24PA		06/05/86	06/16/86	46	46
8900142	045110	C125		2400	24PA		08/10/86	08/16/86	46	46
8900142	045111	C125		2400	24PA		10/08/86	10/15/86	46	46
8900142	045112	C125		2400	24PA		12/03/86	12/12/86	46	46
8900142	045113	C125		2400	24PA		02/06/87	02/14/87	46	46
8900142	045114	C125		4900	49EK KE8701		01/21/87	01/23/87	3	3
8900142	045115	C125		4900	49EK KE8702		03/03/87	03/03/87	1	1
8900142	045116	C125		4900	49EK KE8703		04/21/87	04/23/87	2	2
8900142	045117	C125		4900	49EK KE8704		05/09/87	05/19/87	10	10
8900142	045118	C125		4900	49EK KE8705		06/18/87	07/14/87	20	20
8900142	045119	C125		4900	49EK KE8706		08/11/87	09/06/87	19	19
8900142	045120	C125		4900	49EK KE8707		10/05/87	10/09/87	5	5
8900142	045121	C125		4900	49KF KO8702		02/05/87	02/07/87	24	24
8900142	045122	C125		4900	49KF KO8702		02/21/87	03/03/87	50	50
8900142	045123	C125		4900	49KF KO8704		04/17/87	05/14/87	84	84
8900142	045124	C125		4900	49KF KO8707		07/05/87	07/05/87	1	1
8900142	045125	C125		4900	49KF KO8707		07/18/87	07/27/87	38	38
8900142	045126	C125		4900	49KF KO8708		08/11/87	08/28/87	110	110
8900142	045127	C125		4900	49KF KO8710		10/05/87	10/28/87	77	77
8900142	045128	C125		4900	49TU NC8703		03/10/87	03/16/87	10	10
8900142	045129	C125		4900	49TU NC8704		04/15/87	04/26/87	17	17
8900142	045130	C125		4900	49RY RY8701		01/15/87	03/03/87	112	112
8900142	045131	C125		4900	49RY RY8704		04/23/87	05/14/87	18	18
8900142	045132	C125		4900	49RY RY8706		06/10/87	07/04/87	36	36
8900142	045133	C125		4900	49RY RY8706		07/17/87	07/25/87	25	25
8900142	045134	C125		4900	49RY RY8709		09/15/87	09/15/87	1	1
8900142	045135	C125		4900	49RY RY8710		10/03/87	10/31/87	47	47
8900142	045136	C125		4900	49SU SH8702		02/04/87	02/17/87	38	38
8900142	045137	C125		4900	49SU SH8704		04/20/87	05/15/87	87	87
8900142	045138	C125		4900	49SU SH8707		07/04/87	07/26/87	88	88
8900142	045139	C125		4900	49SU SH8708		08/27/87	09/01/87	32	32
8900142	045140	C125		4900	49SU SH8709		09/25/87	10/14/87	47	47
8900142	045141	C125		4900	49SH SI8702		02/05/87	02/21/87	21	21
8900142	045142	C125		4900	49SH SI8705		05/08/87	06/02/87	89	89
8900142	045143	C125		4900	49SH SI8707		07/02/87	08/02/87	105	105
8900142	045144	C125		4900	49SH SI8709		09/24/87	10/12/87	73	73

8900142

FILETYPE C125

TRACK 0.

PROJECT IDENTIFICATION J002

044874 - 045095

045096 - 045144

EXCHANGE

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
PE	05/26/89	CMIT	A00906	4	See below	See below	See below
E TAPE	09/11/89	CMH	W07333	4			
ED TAPE #1	11-2-89	R.P.S.	W07333 W14662 *				3,883
ED DISK TAPE #2	11-2-89	R.P.S.	W05448 **				2,137
CHECK							
CHECK							
FO22							
FINALIZED					↓	↓	

REPORTED TO PRINCIPAL INVESTIGATOR:

Tape W07333 is 9 TRK, NL, 6250 density

* LABEL = DNODC * JXBTOUT.

** LABEL = DNODC * JDBTOUT.

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

Data Type	Tape File #	Record Length	Max Block size	* ncco
XBT	1	80	4000	894
DBT	2	80	4000	448
Current	3	84	4200	124
Station	4	80	4160	445

(TRACKS DELETED, FIELDS DELETED, ETC.)

ADP FACILITIES REQUEST FORM

USER NAME <i>Riff Hartley</i>	PHONE # <i>673-5436</i>	ORG/TASK # <i>EG12005N3H19</i>	DATE SUBMITTED <i>05/22/89</i>	DATE DUE <i>ASAP</i>	BIN # <i>09</i>
----------------------------------	----------------------------	-----------------------------------	-----------------------------------	-------------------------	--------------------

AGENT TO BE USED AND FUNCTION TO BE PERFORMED

Copy each of the 4 files ~~to a 'w' tape~~ to a 'w' tape - Note file characteristics
Please scan 'w' tape

File #	Record Length	Max Block Si
1	80	4000
2	80	4000
3	84	4200
4	80	416

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	<i>A00906</i>		<i>9</i>	<i>6250</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>			<i>4</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> 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	<i>707333</i>		<i>9</i>	<i>6250</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>			<i>4</i>
	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

*Please send 'w' tape to
Asheville, N.C.*

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
<i>911189</i>	<i>9/11/89</i>	<i>10:25</i>	<i>10:55</i>	<i>C</i>	<i>COMPLETED BY ANDY.</i>

COMMENTS

USER NAME <i>Cliff Hartley</i>	PHONE # <i>613-5436</i>	ORG/TASK # <i>EG1200SN3A149</i>	DATE SUBMITTED <i>05/10/89</i>	DATE DUE <i>ASAP</i>	BIN # <i>09</i>
-----------------------------------	----------------------------	------------------------------------	--------------------------------------	-------------------------	--------------------

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

● *Please scan tape*

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
INPUT	<i>A00906</i>		<i>9</i>	<i>6250</i>		<i>NL</i>			<i>4200</i>	<i>4</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> 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	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 return tape A00906 to
Bin 09*

ESTIMATED
EXECUTION
TIME

0731 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
<i>1051101</i>	<i>05/11/89</i>	<i>09:30</i>		<i>C</i>	<i>COMPLETED BY JS.</i>

REMARKS

TRANSMITTAL AND RECEIPT RECORD

(Transmittal Notice)



WORLD DATA CENTER A

Oceanography

National Oceanic and Atmospheric Administration
Washington, D. C. 20235, U.S.A.

CABLE ADDRESS: WORLDATA

TEL: AREA CODE (202) 343-4064

39.0/4 (8.V.89)

TO: Dr. A. R. Picciolo
NODC
Code E/OC13

REFER TO:

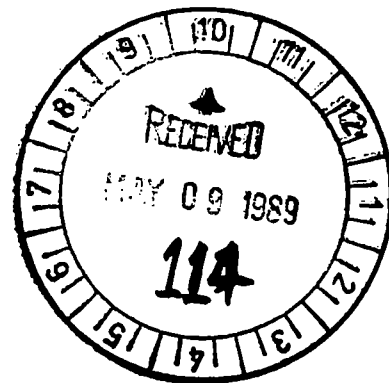
ATTENTION:

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

☐ Surface Mail ☐ Air Mail ☐ Registered Mail ☐ Surface Parcel Post ☐ Air Parcel Post ☒ By Hand ☐ Other _____

One magnetic tape (No. DM870102) from JODC, containing oceanographic station data, XBT, DBT, and GEK observations carried out by Japanese vessels during 1988.

Copy of forwarding documentation.

8900142A00906

FORWARDED BY (Signature)

Ronald E. Moffatt

Associate Director

DATE FORWARDED

8 May 1989

Japan Oceanographic Data Center
Hydrographic Department
Maritime Safety Agency
5-3-1, Tsukiji, Chuo-ku, Tokyo
104 JAPAN

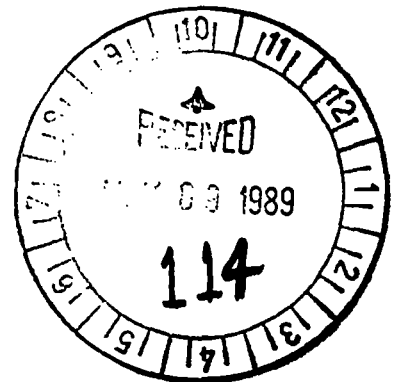
TRANSMITTAL AND RECEIPT RECORD

(Please return signed acknowledgement copy)

To: Director National Oceanographic Data Center, NOAA	Refer to: Between NODC and JODC
	Attention

The item listed below were forwarded to you by <input type="checkbox"/> Surface mail <input type="checkbox"/> Air mail	Description of parcels <input type="checkbox"/> Chest <input type="checkbox"/> Parcel <input type="checkbox"/> Cardboard box <input type="checkbox"/> Other	Number of parcels 1
--	---	----------------------------

- a) Magnetic Tape 1 Reel
Reel NO DM870102 containing serial oceanographic Station Data,
XBT, DBT and Current Data (for 1988)
- b) Each File Dump List
- c) Each Magnetic Tape Specification
- d) Each File Format Description



8900142

A00906

Forwarded by (signature) Osamu Yamada	Title Director of Japan Oceanographic Data Center	Date forwarded April 28 1989
Received by (signature)	Title	Date received

MAGNETIC TAPE SPECIFICATION

DISSEMINATION NO.: 89-042A

DATE : April 28 1989

REEL NUMBER : DM870102

CONTENTS : XBT,DBT,Current and Station Data (for1988)

TRACKS : 9

DENSITY : 6250 bpi

TAPE LABEL : Non

RECORD LENGTH : 80 bytes for XBT,DBT
84 bytes for Current
52 bytes for Station Data

BLOCK SIZE : 50 Records/Block for XBT,DBT and Current
80 Records/Block for Station Data

RECORDING CODE : EBCDIC

MULTI-REEL FILE : No

MULTI-FILE REEL : Yes (4 Files/Reel)

NUMBER OF REEL : 1

SORTING SEQUENCE : Country Code, Cruise ID, Consecutive No

TO BE RETURNED : No

LIST OF FILE NAMES

	File Name	No. of Stn.
FIRST FILE	: XBT Data	3886 Stations
SECOND FILE	: DBT Data	2137 Stations
THIRD FILE	: Current Data	12816 Stations
FOURTH FILE	: Station Data	2120 Stations
FIFTH FILE	:	
SIXTH FILE	:	

BATHYTHERMOGRAPH DATA FORMAT (BT)

[illegible]

ITEM NO.

- 1: MBT
2: XBT
3: DBT

C E K M T F O R M A T

[illegible]

DRIIFT

Space : CEK

1 : DRIFT

PROJ. NAME

D : DNP

C : CSK

$$K : KER$$

W : WESTPAC

P **7E**

U MASS

1 4000

WDC-A

XBT

```

1  *49YY 3450 N14001 E86112707786451 86-11 091428711509909-3 28600230001011*
81  *49 191 192 192 180 175 165 152 140 127 099 083 062 058 055 28600230001022*
161 *490000 1910025 1900190 1010240 0920290 0630400 055 28600230001033*
241 *49YY 3500 N14040 E86112710586452 86-11 071630211710507-3 28600230002011*
321 *49 182 183 183 183 183 151 134 126 116 079 068 066 061 056 28600230002022*
401 *490000 1820055 1820090 1390180 1040200 0790250 0680415 055 28600230002033*
481 *49YY 3511 N14120 E86112713186453 86-11 071630012010807-3 28600230003011*
561 *49 214 217 217 204 183 178 170 160 126 105 086 074 066 045 28600230003022*
641 *49YY 3522 N14200 E86112715686454 86-11 041630011910704-3 28600230004011*
721 *49 222 222 222 222 222 212 193 185 161 143 128 114 098 078 28600230004022*
801 *490000 2220080 2220120 2000450 078 28600230004033*
881 *49YY 3527 N14240 E86112717986455 86-11 071729811710507-3 28600230005011*
961 *49 220 220 220 220 220 205 188 180 172 166 157 140 120 100 28600230005022*
1041 *490000 2200082 2200120 1910150 1800290 1610450 100 28600230005033*
1121 *49YY 3536 N14320 E86112720386456 86-11 071629721819807-3 28600230006011*
1201 *49 219 219 219 219 219 219 201 190 175 167 153 138 124 105 28600230006022*
1281 *490000 1990105 1990470 100 28600230006033*
1361 *49YY 3545 N14400 E86112722586457 86-11 071729911511307-3 28600230007011*
1441 *49 221 221 221 221 221 213 207 191 163 149 131 113 097 085 28600230007022*
1521 *490000 2210090 2210190 1670450 085 28600230007033*
1601 *49YY 3600 N14412 E86112800186458 86-11 091231211410209-3 28600230008011*
1681 *49 202 202 199 196 193 193 185 167 154 129 111 098 058 28600230008022*
1761 *490000 2020013 2020030 1960085 1920320 0890370 047 28600230008033*
1841 *49YY 3611 N14440 E86112804086459 86-11 111428211410211-3 28600230009011*
1921 *49 156 157 155 150 148 147 138 130 121 101 082 050 052 053 048 28600230009022*
2001 *490000 1560028 1500080 1460090 1480104 1330260 0750310 0440350 053 28600230009033*
2081 *490375 0440390 0540425 0440450 048 28600230010011*
2161 *49YY 3617 N14520 E86112806786460 86-11 091227716515109-2 28600230010022*
2241 *49 170 163 163 158 152 135 132 128 118 095 073 052 048 059 056 28600230010033*
2321 *490000 1700025 1630038 1520064 1500079 1330290 0530450 056 28600230011011*
2401 *49YY 3623 N14600 E86112809186461 86-11 091227811310009-2 28600230011022*
2481 *49 170 170 170 170 170 145 137 130 122 102 079 067 060 055 051 28600230011033*
2561 *490005 1700055 1700270 0730450 051 28600230012011*
2641 *49YY 3628 N14640 E86112811586462 86-11 141026712811614-2 28600230012022*
2721 *49 175 170 170 170 170 146 132 120 109 095 076 066 061 054 049 28600230013011*
2801 *49YY 3600 N14700 E86113011586463 86-11 040813711210604-2 28600230013022*
2881 *49 178 177 177 177 177 153 134 124 115 095 075 067 058 053 048 28600230013033*
2961 *490000 1770060 1770100 1340250 0750450 048 28600230014011*
3041 *49YY 3530 N14700 E86113014786464 86-11 041620313513004-3 28600230014022*
3121 *49 193 192 175 175 174 158 146 135 125 112 095 083 071 060 056 28600230014033*
3201 *490000 1890010 1920015 1750062 1740090 1470366 0600450 056 28600230015011*
3281 *49YY 3445 N14700 E86113019386465 86-11 041917216516004-4 28600230015022*
3361 *49 215 215 215 215 209 201 190 179 157 140 123 105 095 082 28600230015033*
3441 *490000 2150060 2150450 082 28600230016011*
3521 *49YY 3415 N14700 E86113021986466 86-11 251217718717725-3 28600230016022*
3601 *49 217 217 217 217 217 208 193 188 176 169 160 144 128 111 28600230016033*
3681 *490000 2170090 2170110 2000170 1800300 1600450 111 28600230017011*
3761 *49YY 3330 N14700 E86120106086467 86-11 322318218017032-4 28600230017022*
3841 *49 217 217 217 217 217 215 204 192 173 168 161 149 135 120 28600230017033*
3921 *490000 2170094 2170195 1750300 1610450 120

```

*** DUMP END

** POSITION AT T.M = 1 (SKIPPED RECORD = 178)



REC SIZE BYTE

1 1 4000

WPC-A

DBT

REC	SIZE	BYTE	DATA
1	1	4000	*24PS6KYD34310N128122E840411036FR40016
81			*24 112 105 105 103
161			*24PS6KYD34270N128005E840411050FR40017
241			*24 119 104 103 103
321			*24PS6KYD34222N128184E840411068FR40015
401			*24 119 109 108 108 107
481			*24PS6KYD34135N128240E840411080FR40014
561			*24 132 127 127 121 109 102
641			*24PS6KYD34046N128300E840411093FR40013
721			*24 137 130 129 128 124 114
801			*24PS6KYD33584N128540E840411116FR40011
881			*24 139 134 133 132 132 131 130
961			*24PS6KYD33517N128390E840411135FR40012
1041			*24 136 135 135 134 134 134 132
1121			*24PS6KYD33443N128239E840411153FR40022
1201			*24 138 138 136 135 135 135 133
1281			*24PS6KYD33373N128092E840411170FR20505
1361			*24 138 137 137 137 137 136 135
1441			*24PS6KYD33515N128030E840411189FR20504
1521			*24 130 130 130 118 102 099
1601			*24PS6KYD34055N127569E840411205FR20503
1681			*24 119 119 115 102 100 094
1761			*24PS6KYD34150N127521E840411216FR20502
1841			*24 106 106 107 105 104
1921			*24PS6KYD34223N127485E840411226FR20501
2001			*24 105 105 105 105 104
2081			*24PS6KYD34208N127439E840411233FR20401
2161			*24 104 104 100 098
2241			*24PS6KYD34137N127354E840412005FR20402
2321			*24 096 096 096
2401			*24PS6KYD34067N127268E840412016FR20403
2481			*24 095 095 094 094
2561			*24PS6KYD33541N127152E840413006FR20404
2641			*24 133 132 132 132 132 108
2721			*24PS6KYD33455N127092E840413018FR20405
2801			*24 135 132 121 120 115 114
2881			*24PS6KYD33358N127032E840413031FR20406
2961			*24 129 124 122 120 115 115 113 113
3041			*24PS6KYD33303N127045E840413042FR40027
3121			*24 139 136 131 129 122 118 118 118
3201			*24PS6KYD33317N127118E840413060FR40026
3281			*24 145 143 142 142 141 135 126
3361			*24PS6KYD33336N127340E840413077FR40025
3441			*24 144 143 142 142 141 140 139
3521			*24PS6KYD33356N127519E840413095FR40024
3601			*24 142 139 139 138 138 138 138
3681			*24PS6KYD33000N128000E840413135FR31400
3761			*24 146 146 146 146 145 144 144 142 141
3841			*24PS6KYD33000N127420E840413151FR31401
3921			*24 148 148 148 147 146 146 145 144

DATA	DATA	DATA
004427-1140138	27-1	W38401040001011*
		38401040001022*
004022-1120152	22-1	W38401040002011*
		38401040002022*
007322-1120147	22-1	W38401040003011*
		38401040003022*
008022-1110142	22-1	W38401040004011*
		38401040004022*
009722-1120146	22-1	W38401040005011*
		38401040005022*
012009-1125136	09-1	W38401040006011*
		38401040006022*
010809-1130136	09-1	W38401040007011*
		38401040007022*
010809-1130132	09-1	W38401040008011*
		38401040008022*
011609-3130130	09-2	W38401040009011*
		38401040009022*
009109-3130126	09-3	W38401040010011*
		38401040010022*
008009-2130112	09-2	W38401040011011*
		38401040011022*
006014-2150112	14-2	W38401040012011*
		38401040012022*
005414-2150112	14-1	W38401040013011*
		38401040013022*
003814-2	14-1	W38401040014011*
		38401040014022*
002804-3160113	04-2	W38401040015011*
		38401040015022*
004504-2160116	04-2	W38401040016011*
		38401040016022*
008232-1150168	32-1	W38401040017011*
		38401040017022*
009032-1140150	32-1	W38401040018011*
		38401040018022*
012832-1140144	32-1	W38401040019011*
		38401040019022*
013332-1140164	32-1	W38401040020011*
		38401040020022*
012004-1130156	04-1	W38401040021011*
		38401040021022*
010732-1120164	32-1	W38401040022011*
		38401040022022*
011032-1120147	32-1	W38401040023011*
		38401040023022*
016032-1145141	32-1	W38401040024011*
		38401040024022*
014032-1140144	32-1	W38401040025011*
		38401040025022*

*** DUMP END

*** INPUT FILE = 1 RECORD = 180 ***

***** REWIND *****

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900142	247001	C100		2400	24PA	870104	04/03/87	04/09/87	46	363
8900142	247002	C100		2400	24PA	870106	06/05/87	06/14/87	56	446
8900142	247003	C100		2400	24PA	870108	08/14/87	08/20/87	46	362
8900142	247004	C100		2400	24PA	870110	10/11/87	10/22/87	46	373
8900142	493836	C100		4900	49TK	870005	02/07/87	03/14/87	95	2,866
8900142	493837	C100		4900	492S	870013	05/11/87	05/23/87	63	1,198
8900142	493838	C100		4900	492S	870023	08/26/87	09/06/87	25	631
8900142	493839	C100		4900	492S	870028	10/10/87	10/29/87	92	1,295
8900142	493840	C100		4900	492S	870036	12/15/87	12/19/87	21	460
8900142	493841	C100		4900	49RY	871101	01/15/87	01/27/87	34	799
8900142	493842	C100		4900	49RY	871101	02/07/87	03/03/87	55	602
8900142	493843	C100		4900	49RY	871104	05/04/87	05/14/87	15	330
8900142	493844	C100		4900	49RY	871106	06/10/87	07/04/87	37	911
8900142	493845	C100		4900	49RY	871106	07/17/87	07/25/87	25	561
8900142	493846	C100		4900	49RY	871110	10/03/87	10/31/87	47	728
8900142	493847	C100		4900	49KF	871202	02/05/87	02/07/87	11	189
8900142	493848	C100		4900	49KF	871202	02/17/87	02/21/87	11	194
8900142	493849	C100		4900	49KF	871204	04/23/87	05/08/87	26	442
8900142	493850	C100		4900	49KF	871207	07/01/87	07/05/87	13	229
8900142	493851	C100		4900	49KF	871207	07/26/87	07/27/87	5	86
8900142	493852	C100		4900	49KF	871208	08/11/87	08/25/87	44	519
8900142	493853	C100		4900	49KF	871210	10/05/87	10/28/87	36	616
8900142	493854	C100		4900	49SU	871302	02/04/87	02/10/87	26	389
8900142	493855	C100		4900	49SU	871304	04/20/87	05/06/87	40	671
8900142	493856	C100		4900	49SU	871307	07/04/87	07/19/87	30	473
8900142	493857	C100		4900	49SU	871309	09/25/87	10/06/87	29	487
8900142	493858	C100		4900	49TU	871404	04/15/87	05/13/87	101	1,396
8900142	493859	C100		4900	49TU	871407	07/17/87	07/17/87	5	97
8900142	493860	C100		4900	49TU	871407	08/01/87	08/06/87	53	652
8900142	493861	C100		4900	49TU	871409	09/08/87	10/17/87	133	1,549
8900142	493862	C100		4900	49SH	871502	02/05/87	02/21/87	20	350
8900142	493863	C100		4900	49SH	871505	05/08/87	05/27/87	22	384
8900142	493864	C100		4900	49SH	871507	07/02/87	08/02/87	53	794
8900142	493865	C100		4900	49SH	871509	09/24/87	10/28/87	65	737
8900142	493866	C100		4900	49K6	872305	04/16/87	05/09/87	120	2,997
8900142	493867	C100		4900	49SC	872306	06/19/87	07/01/87	45	886
8900142	493868	C100		4900	49WA	872307	05/31/87	06/08/87	76	1,889
8900142	493869	C100		4900	49SO	872405	07/20/87	07/25/87	75	1,227
8900142	493870	C100		4900	49SC	872501	02/14/87	03/06/87	89	997
8900142	493871	C100		4900	49SC	872504	07/20/87	08/02/87	15	263
8900142	493872	C100		4900	49YK	872607	06/22/87	06/23/87	11	77
8900142	493873	C100		4900	4999	87SA01	10/09/87	10/21/87	36	575
8900142	493874	C100		4900	4999	87SA01	11/02/87	11/02/87	1	9
8900142	493875	C100		4900	492S	880008	03/05/88	03/09/88	23	626
8900142	493876	C100		4900	49SB	880023	01/15/88	01/20/88	18	178
8900142	493877	C100		4900	49YK	882605	05/24/88	06/04/88	41	407
8900142	861321	C100		8600	8699		01/14/83	01/28/83	75	454
8900142	861322	C100		8600	8699		08/21/83	08/24/83	21	117
8900142	861323	C100		8600	8699		09/05/83	09/05/83	2	11

8900142

FILETYPE C100TRACK 00PROJECT IDENTIFICATION JAPAN Data Cite
exchange247001-4
493836-3877
861321-3

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
PE	05/26/89	CMIT	A00906	4	See below	See below	See below
E TAPE	09/11/89	CMH	W07333	4			
ED TAPE	11-8-89	R.P.S.	W09237 *	1	112	11200	32,893
ED DISK							
LECK							
LECK							
F022							
FINALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR:

Tape W07333 is 29 TRK, NL, 6250 density

* Label: DNODC* JSTALLOUT.

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

Data Type	Tape File #	Record Length	Max Block size	# Records
XBT	1	80	4000	894
DBT	2	80	4000	448
Current	3	84	4200	1231
Station	4	80	4160	445

21074 STA
32,893 REC

ADP FACILITIES REQUEST FORM

USER NAME <i>Cliff Hartley</i>	PHONE # <i>673-5436</i>	ORG/TASK # <i>EG12005N3A119</i>	DATE SUBMITTED <i>05/22/89</i>	DATE DUE <i>ASAP</i>	BIN # <i>09</i>
-----------------------------------	----------------------------	------------------------------------	-----------------------------------	-------------------------	--------------------

SENT TO BE USED AND FUNCTION TO BE PERFORMED

Copy each of the 4 files ~~on tape~~ to the 'W' tape - Note file characteristics
Please scan 'W' tape

File #	Record Length	Max Block Size
1	80	4000
2	80	4000
3	84	4200
4	80	412

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	<i>A00906</i>		<i>9</i>	<i>6250</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>			<i>4</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> <u>EBCDIC</u> 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	<i>7.133</i>		<i>9</i>	<i>6250</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>			<i>4</i>
	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

ESTIMATED
EXECUTION
TIME

*Please send 'W' tape to
Asheville, N.C.*

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
<i>4</i>	<i>9/11/89</i>	<i>10:25</i>	<i>10:55</i>	<i>C</i>	<i>COMPLETED BY ANDY.</i>

REMARKS

USER NAME <i>Cliff Hartley</i>	PHONE # <i>693-5636</i>	ORG/TASK # <i>EG12005N3A149</i>	DATE SUBMITTED <i>05/10/89</i>	DATE DUE <i>ASAP</i>	BIN # <i>09</i>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

● *Please scan tape*

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
INPUT	<i>A00906</i>		<i>9</i>	<i>6250</i>		<i>NL</i>			<i>4200</i>	<i>4</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> 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	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 return tape A00906 to
Bin 09*

ESTIMATED
EXECUTION
TIME

731 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
<i>05/11/89</i>	<i>09:30</i>			<i>C</i>	<i>COMPLETED BY JS.</i>

REMARKS

TRANSMITTAL AND RECEIPT RECORD

(Transmittal Notice)



WORLD DATA CENTER A

Oceanography

National Oceanic and Atmospheric Administration
Washington, D. C. 20235, U.S.A.

CABLE ADDRESS: WORLDDATA

TEL: AREA CODE (202) 343-4064

39.0/4 (8.V.89)

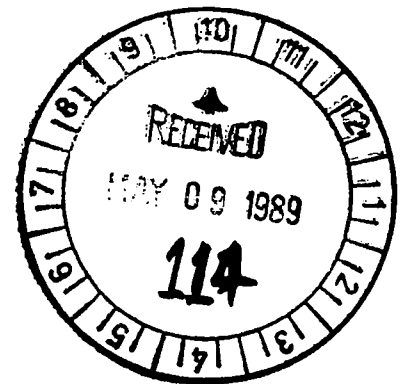
TO: Dr. A. R. Picciolo NODC Code E/OC13	REFER TO:
	ATTENTION:

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

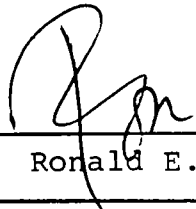
☐ Surface Mail ☐ Air Mail ☐ Registered Mail ☐ Surface Parcel Post ☐ Air Parcel Post ☒ By Hand ☐ Other _____

One magnetic tape (No. DM870102) from JODC, containing oceanographic station data, XBT, DBT, and GEK observations carried out by Japanese vessels during 1988.

Copy of forwarding documentation.



8900142 A00906

FORWARDED BY (Signature) 	DATE FORWARDED
Associate Director	8 May 1989

Japan Oceanographic Data Center
Hydrographic Department
Maritime Safety Agency
5-3-1, Tsukiji, Chuo-ku, Tokyo
104 JAPAN

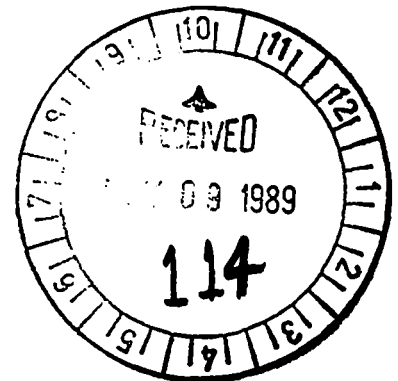
TRANSMITTAL AND RECEIPT RECORD

(Please return signed acknowledgement copy)

To: Director National Oceanographic Data Center, NOAA	Refer to: Between NODC and JODC
	Attention

The item listed below were forwarded to you by <input type="checkbox"/> Surface mail <input type="checkbox"/> Air mail	Description of parcels <input type="checkbox"/> Chest <input type="checkbox"/> Parcel <input type="checkbox"/> Cardboard box <input type="checkbox"/> Other	Number of parcels 1
--	---	----------------------------

- a) Magnetic Tape 1 Reel
Reel NO DM870102 containing serial oceanographic Station Data,
XBT, DBT and Current Data (for 1988)
- b) Each File Dump List
- c) Each Magnetic Tape Specification
- d) Each File Format Description



8900142

A00906

Forwarded by (signature) Osamu Yamada	Title Director of Japan Oceanographic Data Center	Date forwarded April 28 1989
Received by (signature)	Title	Date received

MAGNETIC TAPE SPECIFICATION

DISSEMINATION NO.: 89-042A

DATE : April 28 1989

REEL NUMBER : DM870102

CONTENTS : XBT,DBT,Current and Station Data (for1988)

TRACKS : 9

DENSITY : 6250 bpi

TAPE LABEL : Non

RECORD LENGTH : 80 bytes for XBT,DBT
84 bytes for Current
52 bytes for Station Data

BLOCK SIZE : 50 Records/Block for XBT,DBT and Current
80 Records/Block for Station Data

RECORDING CODE : EBCDIC

MULTI-REEL FILE : No

MULTI-FILE REEL : Yes (4 Files/Reel)

NUMBER OF REEL : 1

SORTING SEQUENCE : Country Code, Cruise ID, Consecutive No

TO BE RETURNED : No

LIST OF FILE NAMES

	File Name	No. of Stn.
FIRST FILE	: XBT Data	3886 Stations
SECOND FILE	: DBT Data	2137 Stations
THIRD FILE	: Current Data	12816 Stations
FOURTH FILE	: Station Data	2120 Stations
FIFTH FILE	:	
SIXTH FILE	:	

JODC88

[illegible]

HEADER-2		10	20	30	40	50
FILLER						
PROJECT NAME						
SAL ID						
5 MIN						
15 MIN						
30 MIN						
5 DEG						
10 DEG						
DETAIL NO.						
TOTAL						
STANDARD						
OBS.						
V/S.						
CLOUD						
WEATHER						
WET						
+/-						
DRY						
+/-						
AIR TEMP.						
BAR						
WIND						
FORCE						
S/P						
DIR.						
P						
H						
H/A						
DIR.						
WAVE						
WATER						
TRANS.						
COLOR						
NEXT RECORD						
RECORD TYPE						

[illegible][illegible]

ADDITIONAL DATA				20	30	40	50
DEPTH	ADDITIONAL DATA			SAME AS LEFT	SAME AS LEFT	SAME AS LEFT	SAME AS LEFT
	ITEM-ID	ITEM	EXP PLAC				
NEXT RECORD RECORD TYPE							

SD

4160

BYTE

1

[illegible]

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
-----	----	-----	----	----	-----	-----	-----	-----
8900142	C125	045096	9999	2400	24PA	1984/04/11	NULL	184741
8900142	C125	045097	9999	2400	24PA	1984/06/05	NULL	184742
8900142	C125	045098	9999	2400	24PA	1984/08/02	NULL	184743
8900142	C125	045099	9999	2400	24PA	1984/10/09	NULL	184744
8900142	C125	045100	9999	2400	24PA	1984/12/10	NULL	184745
8900142	C125	045101	9999	2400	24PA	1985/02/02	NULL	184746
8900142	C125	045102	9999	2400	24PA	1985/04/09	NULL	184747
8900142	C125	045103	9999	2400	24PA	1985/06/04	NULL	184748
8900142	C125	045104	9999	2400	24PA	1985/08/13	NULL	184749
8900142	C125	045105	9999	2400	24PA	1985/10/08	NULL	184750
8900142	C125	045106	9999	2400	24PA	1985/12/04	NULL	184751
8900142	C125	045107	9999	2400	24PA	1986/02/05	NULL	184752
8900142	C125	045108	9999	2400	24PA	1986/04/17	NULL	184753
8900142	C125	045109	9999	2400	24PA	1986/06/05	NULL	184754
8900142	C125	045110	9999	2400	24PA	1986/08/10	NULL	184755
8900142	C125	045111	9999	2400	24PA	1986/10/08	NULL	184756
8900142	C125	045112	9999	2400	24PA	1986/12/03	NULL	184757
8900142	C125	045113	9999	2400	24PA	1987/02/06	NULL	184758
8900142	C100	247001	9999	2400	24PA	1987/04/03	870104	184790
8900142	C100	247002	9999	2400	24PA	1987/06/05	870106	184791
8900142	C100	247003	9999	2400	24PA	1987/08/14	870108	184792
8900142	C100	247004	9999	2400	24PA	1987/10/11	870110	184793
8900142	C125	045084	9999	4900	492S	1986/11/27	86-11	184729
8900142	C125	045085	9999	4900	492S	1987/04/13	NULL	184730
8900142	C125	045086	9999	4900	492S	1987/05/11	NULL	184731
8900142	C125	045087	9999	4900	492S	1987/06/11	NULL	184732
8900142	C125	045088	9999	4900	492S	1987/07/24	NULL	184733
8900142	C125	045089	9999	4900	492S	1987/08/26	NULL	184734
8900142	C125	045090	9999	4900	492S	1987/10/07	NULL	184735
8900142	C125	045091	9999	4900	492S	1987/11/18	NULL	184736
8900142	C125	045092	9999	4900	492S	1987/12/12	NULL	184737
8900142	C100	493837	9999	4900	492S	1987/05/11	870013	184795
8900142	C100	493838	9999	4900	492S	1987/08/26	870023	184796
8900142	C100	493839	9999	4900	492S	1987/10/10	870028	184797
8900142	C100	493840	9999	4900	492S	1987/12/15	870036	184798
8900142	C125	044881	9999	4900	4991	1987/10/04	NULL	184526
8900142	C100	493873	9999	4900	4999	1987/10/09	87SA01	184831
8900142	C100	493874	9999	4900	4999	1987/11/02	87SA01	184832
8900142	L107	L00425	9999	4953	4999	1978/01/17	NULL	184838
8900142	C125	045073	9999	4900	4999	1987/10/09	NULL	184718
8900142	C125	045074	9999	4900	4999	1987/11/02	NULL	184719
8900142	C125	044874	9999	4900	49AQ	1987/01/27	AM8701	184519
8900142	C125	044875	9999	4900	49AQ	1987/03/20	AM8703	184520
8900142	C125	044876	9999	4900	49AQ	1987/05/26	AM8705	184521
8900142	C125	044877	9999	4900	49AQ	1987/06/28	AM8707	184522
8900142	C125	044878	9999	4900	49AQ	1987/07/12	AM8709	184523
8900142	C125	044879	9999	4900	49AQ	1987/10/29	AM8710	184524
8900142	C125	044880	9999	4900	49AX	1987/11/21	AW8701	184525
8900142	C125	044918	9999	4900	49BE	1987/01/31	NULL	184563
8900142	C125	044919	9999	4900	49BE	1987/04/09	NULL	184564
8900142	C125	044920	9999	4900	49BE	1987/05/12	NULL	184565
8900142	C125	044921	9999	4900	49BE	1987/05/28	NULL	184566
8900142	C125	044922	9999	4900	49BE	1987/07/21	KA8701	184567
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8900142	C125	045062	9999	4900	49BZ	1987/03/15	WS8702	184707
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8900142	C125	045065	9999	4900	49BZ	1987/06/02	WS8705	184710
8900142	C125	045066	9999	4900	49BZ	1987/06/24	WS8705	184711
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8900142	C125	045069	9999	4900	49BZ	1987/09/24	WS8707	184714
8900142	C125	045070	9999	4900	49BZ	1987/10/07	WS8708	184715
8900142	C125	045071	9999	4900	49BZ	1987/11/04	WS8709	184716
8900142	C125	045072	9999	4900	49BZ	1987/12/09	WS8710	184717
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8900142	C125	044886	9999	4900	49C4	1987/08/13	CO8707	184531
8900142	C125	044887	9999	4900	49C4	1987/11/24	CO8708	184532
8900142	C125	044888	9999	4900	49C4	1987/12/16	CO8709	184533
8900142	C125	044947	9999	4900	49C5	1987/03/17	KS8701	184592
8900142	C125	044948	9999	4900	49C5	1987/04/23	KS8702	184593
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8900142	C125	044928	9999	4900	49EK	1987/04/20	KE8703	184573
8900142	C125	044929	9999	4900	49EK	1987/05/10	KE8704	184574
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8900142	C125	044932	9999	4900	49EK	1987/08/07	KE8706	184577
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8900142	C125	044897	9999	4900	49GP	1987/04/03	GE8703	184542
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8900142	C100	493861	9999	4900	49TU	1987/09/08	871409	184819
8900142	C125	044958	9999	4900	49TU	1987/03/16	NC8703	184603

8900142	C125	044959	9999	4900	49TU	1987/04/27	NC8704	184604
8900142	C125	044960	9999	4900	49TU	1987/05/13	NC8704	184605
8900142	C125	044961	9999	4900	49TU	1987/07/16	NC8707	184606
8900142	C125	044962	9999	4900	49TU	1987/07/31	NC8707	184607
8900142	C125	044963	9999	4900	49TU	1987/10/07	NC8709	184608
8900142	C125	045128	9999	4900	49TU	1987/03/10	NC8703	184773
8900142	C125	045129	9999	4900	49TU	1987/04/15	NC8704	184774
8900142	C100	493868	9999	4900	49WA	1987/05/31	872307	184826
8900142	C125	045059	9999	4900	49WA	1987/05/31	NULL	184704
8900142	C125	045075	9999	4900	49YJ	1987/01/18	YC8701	184720
8900142	C125	045076	9999	4900	49YJ	1987/03/23	YC8702	184721
8900142	C125	045077	9999	4900	49YJ	1987/04/13	YC8703	184722
8900142	C125	045078	9999	4900	49YJ	1987/05/30	YC8705	184723
8900142	C125	045079	9999	4900	49YJ	1987/07/02	YC8706	184724
8900142	C125	045080	9999	4900	49YJ	1987/09/19	YC8706	184725
8900142	C125	045081	9999	4900	49YJ	1987/10/22	YC8707	184726
8900142	C125	045082	9999	4900	49YJ	1987/11/07	YC8708	184727
8900142	C100	493872	9999	4900	49YK	1987/06/22	872607	184830
8900142	C100	493877	9999	4900	49YK	1988/05/24	882605	184834
8900142	C125	045083	9999	4900	49YV	1987/12/14	YU8703	184728
8900142	C125	045093	9999	4900	49ZF	1987/08/30	ZO8702	184738
8900142	C100	861321	9999	8600	8699	1983/01/14	NULL	184835
8900142	C100	861322	9999	8600	8699	1983/08/21	NULL	184836
8900142	C100	861323	9999	8600	8699	1983/09/05	NULL	184837

(320 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
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8900142	C125	045096	24PA	46	46	84/04/11	84/04/17
8900142	C125	045097	24PA	45	45	84/06/05	84/06/12
8900142	C125	045098	24PA	46	46	84/08/02	84/08/07
8900142	C125	045099	24PA	56	56	84/10/09	84/10/19
8900142	C125	045100	24PA	56	56	84/12/10	84/12/21
8900142	C125	045101	24PA	46	46	85/02/02	85/02/07
8900142	C125	045102	24PA	46	46	85/04/09	85/04/19
8900142	C125	045103	24PA	46	46	85/06/04	85/06/11
8900142	C125	045104	24PA	46	46	85/08/13	85/08/23
8900142	C125	045105	24PA	46	46	85/10/08	85/10/21
8900142	C125	045106	24PA	46	46	85/12/04	85/12/12
8900142	C125	045107	24PA	46	46	86/02/05	86/02/11
8900142	C125	045108	24PA	46	46	86/04/17	86/04/23
8900142	C125	045109	24PA	46	46	86/06/05	86/06/16
8900142	C125	045110	24PA	46	46	86/08/10	86/08/16
8900142	C125	045111	24PA	46	46	86/10/08	86/10/15
8900142	C125	045112	24PA	46	46	86/12/03	86/12/12
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8900142	C100	247001	24PA	46	46	87/04/03	87/04/09
8900142	C100	247002	24PA	56	56	87/06/05	87/06/14
8900142	C100	247003	24PA	46	46	87/08/14	87/08/20
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8900142	C125	045084	492S	50	50	86/11/27	86/12/17
8900142	C125	045085	492S	37	37	87/04/13	87/04/30
8900142	C125	045086	492S	87	87	87/05/11	87/05/28
8900142	C125	045087	492S	17	17	87/06/11	87/07/12
8900142	C125	045088	492S	48	48	87/07/24	87/08/06
8900142	C125	045089	492S	52	52	87/08/26	87/09/07
8900142	C125	045090	492S	117	117	87/10/07	87/11/04
8900142	C125	045091	492S	63	63	87/11/18	87/11/30
8900142	C125	045092	492S	74	74	87/12/12	87/12/21
8900142	C100	493837	492S	63	82	87/05/11	87/05/26
8900142	C100	493838	492S	25	42	87/08/26	87/09/06
8900142	C100	493839	492S	92	104	87/10/10	87/11/03
8900142	C100	493840	492S	21	30	87/12/15	87/12/19
8900142	C125	044881	4991	11	11	87/10/04	87/10/04
8900142	C100	493873	4999	36	36	87/10/09	87/10/21
8900142	C100	493874	4999	1	1	87/11/02	87/11/02
8900142	L107	L00425	4999	12816	12816	78/01/17	87/08/21
8900142	C125	045073	4999	29	29	87/10/09	87/10/20
8900142	C125	045074	4999	13	13	87/11/02	87/11/02
8900142	C125	044874	49AQ	3	3	87/01/27	87/01/28
8900142	C125	044875	49AQ	3	3	87/03/20	87/03/20
8900142	C125	044876	49AQ	3	3	87/05/26	87/05/26
8900142	C125	044877	49AQ	3	3	87/06/28	87/06/28
8900142	C125	044878	49AQ	2	2	87/07/12	87/07/12
8900142	C125	044879	49AQ	3	3	87/10/29	87/10/29
8900142	C125	044880	49AX	25	25	87/11/21	87/11/25
8900142	C125	044918	49BE	55	55	87/01/31	87/02/18
8900142	C125	044919	49BE	23	23	87/04/09	87/04/11
8900142	C125	044920	49BE	25	25	87/05/12	87/05/14
8900142	C125	044921	49BE	70	70	87/05/28	87/06/06
8900142	C125	044922	49BE	8	8	87/07/21	87/07/22
8900142	C125	044923	49BE	32	32	87/08/27	87/08/29
8900142	C125	044924	49BE	12	12	87/10/27	87/10/28
8900142	C125	044925	49BE	69	69	87/12/14	87/12/23

8900142	C125	044890	49BT	29	29	87/05/06	87/05/09
8900142	C125	044891	49BT	28	28	87/07/07	87/07/10
8900142	C125	045095	49BW	12	10	87/09/21	87/09/22
8900142	C125	044964	49BX	12	11	87/03/14	87/03/15
8900142	C125	044965	49BX	23	23	87/05/16	87/05/17
8900142	C125	044966	49BX	39	39	87/07/30	87/08/03
8900142	C125	044967	49BX	18	18	87/11/10	87/11/11
8900142	C125	045060	49BZ	4	4	87/01/07	87/01/15
8900142	C125	045061	49BZ	3	3	87/03/03	87/03/03
8900142	C125	045062	49BZ	25	25	87/03/15	87/03/18
8900142	C125	045063	49BZ	3	3	87/04/01	87/04/01
8900142	C125	045064	49BZ	2	2	87/04/30	87/04/30
8900142	C125	045065	49BZ	2	2	87/06/02	87/06/02
8900142	C125	045066	49BZ	5	5	87/06/24	87/07/04
8900142	C125	045067	49BZ	3	3	87/07/18	87/07/19
8900142	C125	045068	49BZ	3	3	87/09/06	87/09/06
8900142	C125	045069	49BZ	3	3	87/09/24	87/09/24
8900142	C125	045070	49BZ	6	6	87/10/07	87/10/13
8900142	C125	045071	49BZ	3	3	87/11/04	87/11/04
8900142	C125	045072	49BZ	6	6	87/12/09	87/12/15
8900142	C125	044884	49C4	9	9	87/05/25	87/05/31
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8900142	C125	044886	49C4	41	41	87/08/13	87/08/15
8900142	C125	044887	49C4	2	2	87/11/24	87/11/24
8900142	C125	044888	49C4	9	9	87/12/16	87/12/23
8900142	C125	044947	49C5	1	1	87/03/17	87/03/17
8900142	C125	044948	49C5	4	4	87/04/23	87/04/24
8900142	C125	045024	49C7	8	8	87/01/16	87/01/16
8900142	C125	044889	49DB	39	39	87/08/03	87/08/06
8900142	C125	044882	49DK	5	5	87/05/29	87/05/29
8900142	C125	044883	49DK	4	4	87/07/13	87/07/13
8900142	C125	044926	49EK	30	30	87/01/14	87/02/11
8900142	C125	044927	49EK	2	2	87/03/04	87/03/05
8900142	C125	044928	49EK	3	3	87/04/20	87/04/24
8900142	C125	044929	49EK	2	2	87/05/10	87/05/20
8900142	C125	044930	49EK	7	7	87/06/16	87/06/23
8900142	C125	044931	49EK	1	1	87/07/21	87/07/21
8900142	C125	044932	49EK	18	18	87/08/07	87/09/19
8900142	C125	044933	49EK	6	6	87/10/03	87/10/13
8900142	C125	044934	49EK	24	24	87/11/01	87/11/25
8900142	C125	045114	49EK	3	3	87/01/21	87/01/23
8900142	C125	045115	49EK	1	1	87/03/03	87/03/03
8900142	C125	045116	49EK	2	2	87/04/21	87/04/23
8900142	C125	045117	49EK	10	10	87/05/09	87/05/19
8900142	C125	045118	49EK	20	20	87/06/18	87/07/14
8900142	C125	045119	49EK	19	19	87/08/11	87/09/06
8900142	C125	045120	49EK	5	5	87/10/05	87/10/09
8900142	C125	045049	49ET	40	40	87/01/10	87/01/22
8900142	C125	045050	49ET	3	3	87/02/04	87/02/05
8900142	C125	045051	49ET	4	4	87/03/16	87/03/17
8900142	C125	045052	49ET	20	20	87/04/15	87/04/25
8900142	C125	045053	49ET	39	39	87/05/07	87/05/13
8900142	C125	045054	49ET	12	12	87/06/12	87/06/13
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8900142	C125	045056	49ET	1	1	87/08/07	87/08/07
8900142	C125	045057	49ET	28	28	87/08/28	87/09/26
8900142	C125	045058	49ET	21	21	87/10/08	87/10/25
8900142	C125	044903	49GH	6	5	87/05/08	87/05/08
8900142	C125	044904	49GH	4	4	87/05/21	87/05/21
8900142	C125	044905	49GH	5	5	87/06/22	87/06/23

8900142	C125	044906	49GH	9	9	87/09/21	87/09/29
8900142	C125	044907	49GH	5	5	87/11/09	87/11/10
8900142	C125	044892	49GI	7	7	87/03/05	87/03/05
8900142	C125	044893	49GI	5	5	87/08/19	87/08/19
8900142	C125	044894	49GI	7	7	87/11/16	87/11/16
8900142	C125	044968	49GJ	51	51	87/12/14	87/12/16
8900142	C125	045025	49GM	10	10	87/01/03	87/01/04
8900142	C125	045026	49GM	16	16	87/01/24	87/01/30
8900142	C125	045027	49GM	11	11	87/03/15	87/03/26
8900142	C125	045028	49GM	3	3	87/05/11	87/05/11
8900142	C125	045029	49GM	15	15	87/06/29	87/07/05
8900142	C125	045030	49GM	9	9	87/08/19	87/08/19
8900142	C125	045031	49GM	7	7	87/09/02	87/09/03
8900142	C125	045032	49GM	6	6	87/09/18	87/09/19
8900142	C125	045033	49GM	9	9	87/10/09	87/10/10
8900142	C125	045034	49GM	6	6	87/10/22	87/10/24
8900142	C125	045035	49GM	3	3	87/11/16	87/11/16
8900142	C125	045036	49GM	6	6	87/12/04	87/12/05
8900142	C125	044895	49GP	5	5	87/01/19	87/01/20
8900142	C125	044896	49GP	4	4	87/02/18	87/02/19
8900142	C125	044897	49GP	5	5	87/04/03	87/04/04
8900142	C125	044898	49GP	5	5	87/04/27	87/04/27
8900142	C125	044899	49GP	5	5	87/07/14	87/07/14
8900142	C125	044900	49GP	5	5	87/08/09	87/08/09
8900142	C125	044901	49GP	4	4	87/10/26	87/10/26
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8900142	C125	044951	49GQ	4	4	87/03/09	87/03/16
8900142	C125	045000	49GR	6	6	87/01/27	87/01/27
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8900142	C125	045002	49GR	6	6	87/04/17	87/04/18
8900142	C125	045003	49GR	4	4	87/05/12	87/05/12
8900142	C125	045004	49GR	8	8	87/05/27	87/06/01
8900142	C125	045005	49GR	9	9	87/07/08	87/07/09
8900142	C125	045006	49GR	5	5	87/08/01	87/08/04
8900142	C125	045007	49GR	3	3	87/08/16	87/08/17
8900142	C125	045008	49GR	3	3	87/11/15	87/11/15
8900142	C125	044909	49ID	3	3	87/01/26	87/01/26
8900142	C125	044910	49ID	3	3	87/04/15	87/04/15
8900142	C125	044911	49ID	1	1	87/05/15	87/05/15
8900142	C125	044912	49ID	3	3	87/06/26	87/06/26
8900142	C125	044913	49ID	2	2	87/08/18	87/08/18
8900142	C125	044914	49IF	33	33	87/03/11	87/03/13
8900142	C125	044915	49K6	11	11	87/04/15	87/04/16
8900142	C125	044916	49K6	1	1	87/05/01	87/05/01
8900142	C125	044917	49K6	1	1	87/05/15	87/05/15
8900142	C100	493866	49K6	120	120	87/04/16	87/05/09
8900142	C125	044942	49KF	22	22	87/02/17	87/02/21
8900142	C125	044943	49KF	21	21	87/05/05	87/05/07
8900142	C125	044944	49KF	33	33	87/07/01	87/07/06
8900142	C125	044945	49KF	5	5	87/10/12	87/10/12
8900142	C125	044946	49KF	13	13	87/10/28	87/10/29
8900142	C100	493852	49KF	44	44	87/08/11	87/08/25
8900142	C100	493853	49KF	36	36	87/10/05	87/10/28
8900142	C125	045121	49KF	24	24	87/02/05	87/02/07
8900142	C125	045122	49KF	50	50	87/02/21	87/03/03
8900142	C125	045123	49KF	84	84	87/04/17	87/05/14
8900142	C125	045124	49KF	1	1	87/07/05	87/07/05
8900142	C125	045125	49KF	38	38	87/07/18	87/07/27
8900142	C125	045126	49KF	110	110	87/08/11	87/08/28
8900142	C125	045127	49KF	77	77	87/10/05	87/10/28

8900142	C100	493847	49KF	11	11	87/02/05	87/02/07
8900142	C100	493848	49KF	11	11	87/02/17	87/02/21
8900142	C100	493849	49KF	26	26	87/04/23	87/05/08
8900142	C100	493850	49KF	13	13	87/07/01	87/07/05
8900142	C100	493851	49KF	5	5	87/07/26	87/07/27
8900142	C125	044935	49KQ	4	4	87/01/25	87/01/26
8900142	C125	044936	49KQ	4	4	87/02/11	87/02/11
8900142	C125	044937	49KQ	22	22	87/03/09	87/03/11
8900142	C125	044938	49KQ	4	4	87/07/03	87/07/04
8900142	C125	044939	49KQ	5	5	87/08/10	87/08/10
8900142	C125	044940	49KQ	32	32	87/09/26	87/09/29
8900142	C125	044941	49KQ	2	2	87/11/23	87/11/23
8900142	C125	045094	49KU	19	19	87/09/14	87/09/16
8900142	C125	044952	49M6	3	3	87/04/03	87/04/03
8900142	C125	044953	49M6	2	2	87/04/24	87/04/24
8900142	C125	044954	49M6	7	7	87/06/01	87/06/11
8900142	C125	044955	49M6	4	4	87/08/06	87/08/06
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8900142	C125	044957	49M6	3	3	87/11/27	87/11/27
8900142	C125	044949	49MW	63	63	87/05/18	87/05/22
8900142	C125	044950	49MW	55	55	87/12/09	87/12/13
8900142	C125	044972	49NO	3	3	87/01/05	87/01/07
8900142	C125	044973	49NO	9	9	87/02/21	87/02/23
8900142	C125	044974	49NO	54	54	87/03/17	87/03/21
8900142	C125	044975	49NO	4	4	87/08/13	87/08/13
8900142	C125	044976	49NO	2	2	87/09/02	87/09/02
8900142	C125	044977	49NO	5	5	87/11/13	87/11/14
8900142	C125	044978	49NO	5	5	87/12/24	87/12/24
8900142	C125	044969	49OB	2	2	87/01/01	87/01/01
8900142	C125	044970	49OB	16	16	87/04/19	87/05/09
8900142	C125	044971	49OB	1	1	87/12/17	87/12/17
8900142	C125	044979	49RI	17	17	87/04/25	87/04/27
8900142	C125	044980	49RY	5	5	87/01/24	87/01/25
8900142	C125	044981	49RY	23	22	87/02/26	87/03/03
8900142	C125	044982	49RY	31	31	87/04/20	87/05/14
8900142	C125	044983	49RY	16	16	87/06/11	87/06/17
8900142	C125	044984	49RY	26	26	87/06/28	87/07/25
8900142	C125	044985	49RY	10	10	87/09/18	87/09/19
8900142	C125	044986	49RY	13	13	87/10/04	87/10/11
8900142	C125	044987	49RY	13	13	87/10/23	87/11/02
8900142	C125	044988	49RY	31	31	87/11/20	87/12/09
8900142	C125	045130	49RY	112	112	87/01/15	87/03/03
8900142	C125	045131	49RY	18	18	87/04/23	87/05/14
8900142	C125	045132	49RY	36	36	87/06/10	87/07/04
8900142	C125	045133	49RY	25	25	87/07/17	87/07/25
8900142	C125	045134	49RY	1	1	87/09/15	87/09/15
8900142	C125	045135	49RY	47	47	87/10/03	87/10/31
8900142	C100	493841	49RY	34	41	87/01/15	87/01/27
8900142	C100	493842	49RY	55	59	87/02/07	87/03/03
8900142	C100	493843	49RY	15	17	87/05/04	87/05/14
8900142	C100	493844	49RY	37	46	87/06/10	87/07/04
8900142	C100	493845	49RY	25	29	87/07/17	87/07/25
8900142	C100	493846	49RY	47	61	87/10/03	87/10/31
8900142	C125	044991	49SA	62	62	87/01/30	87/03/21
8900142	C125	044992	49SA	51	46	87/04/14	87/05/04
8900142	C125	044993	49SA	99	99	87/05/18	87/07/11
8900142	C125	044994	49SA	58	58	87/07/26	87/08/24
8900142	C125	044995	49SA	5	5	87/09/09	87/09/09
8900142	C125	044996	49SA	20	17	87/09/23	87/10/02
8900142	C125	044997	49SA	10	10	87/10/27	87/10/27

8900142	C125	044998	49SA	40	39	87/11/21	87/12/04
8900142	C125	044999	49SA	24	20	87/12/24	87/12/26
8900142	C100	493876	49SB	18	18	88/01/15	88/01/22
8900142	C100	493867	49SC	45	45	87/06/19	87/07/01
8900142	C100	493870	49SC	89	89	87/02/14	87/03/06
8900142	C100	493871	49SC	15	15	87/07/20	87/08/02
8900142	C125	045023	49SC	25	23	87/06/22	87/07/01
8900142	C100	493862	49SH	20	20	87/02/05	87/02/21
8900142	C100	493863	49SH	22	22	87/05/08	87/05/27
8900142	C100	493864	49SH	53	53	87/07/02	87/08/02
8900142	C100	493865	49SH	65	65	87/09/24	87/10/28
8900142	C125	045017	49SH	44	44	87/02/05	87/02/22
8900142	C125	045018	49SH	2	2	87/05/18	87/05/18
8900142	C125	045019	49SH	1	1	87/07/11	87/07/11
8900142	C125	045020	49SH	4	2	87/09/26	87/09/26
8900142	C125	045021	49SH	11	11	87/11/07	87/11/22
8900142	C125	045141	49SH	21	21	87/02/05	87/02/21
8900142	C125	045142	49SH	89	89	87/05/08	87/06/02
8900142	C125	045143	49SH	105	105	87/07/02	87/08/02
8900142	C125	045144	49SH	73	71	87/09/24	87/10/12
8900142	C125	044908	49SN	39	39	87/08/17	87/08/20
8900142	C100	493869	49SO	75	75	87/07/20	87/07/25
8900142	C125	045022	49SQ	15	15	87/02/16	87/02/16
8900142	C125	044989	49ST	20	20	87/05/18	87/05/21
8900142	C125	044990	49ST	23	23	87/11/25	87/11/27
8900142	C100	493854	49SU	26	26	87/02/04	87/02/10
8900142	C100	493855	49SU	40	43	87/04/20	87/05/06
8900142	C100	493856	49SU	30	33	87/07/04	87/07/19
8900142	C100	493857	49SU	29	35	87/09/25	87/10/06
8900142	C125	045009	49SU	24	24	87/02/07	87/02/18
8900142	C125	045010	49SU	15	15	87/03/01	87/03/03
8900142	C125	045011	49SU	17	17	87/04/24	87/04/27
8900142	C125	045012	49SU	6	6	87/05/13	87/05/15
8900142	C125	045013	49SU	10	10	87/07/25	87/07/25
8900142	C125	045014	49SU	34	34	87/08/28	87/08/29
8900142	C125	045015	49SU	37	37	87/10/05	87/10/21
8900142	C125	045016	49SU	9	9	87/11/17	87/11/22
8900142	C125	045136	49SU	38	38	87/02/04	87/02/17
8900142	C125	045137	49SU	87	87	87/04/20	87/05/15
8900142	C125	045138	49SU	88	88	87/07/04	87/07/26
8900142	C125	045139	49SU	32	32	87/08/27	87/09/01
8900142	C125	045140	49SU	47	47	87/09/25	87/10/14
8900142	C125	045037	49TK	16	16	87/01/09	87/01/11
8900142	C125	045038	49TK	13	13	87/01/25	87/01/27
8900142	C125	045039	49TK	157	157	87/02/07	87/03/15
8900142	C125	045040	49TK	9	9	87/04/13	87/04/14
8900142	C125	045041	49TK	6	6	87/04/25	87/04/26
8900142	C125	045042	49TK	15	15	87/05/22	87/05/24
8900142	C125	045043	49TK	15	15	87/06/21	87/06/23
8900142	C125	045044	49TK	6	6	87/07/08	87/07/09
8900142	C125	045045	49TK	24	24	87/07/20	87/08/03
8900142	C125	045046	49TK	19	18	87/10/19	87/10/21
8900142	C125	045047	49TK	23	23	87/11/02	87/11/09
8900142	C125	045048	49TK	8	8	87/11/21	87/11/22
8900142	C100	493836	49TK	95	174	87/02/07	87/03/14
8900142	C100	493858	49TU	101	101	87/04/15	87/05/13
8900142	C100	493859	49TU	5	5	87/07/17	87/07/17
8900142	C100	493860	49TU	53	53	87/08/01	87/08/06
8900142	C100	493861	49TU	133	134	87/09/08	87/10/17
8900142	C125	044958	49TU	10	10	87/03/16	87/03/16

8900142	C125	044959	49TU	8	8	87/04/27	87/04/28
8900142	C125	044960	49TU	8	8	87/05/13	87/05/13
8900142	C125	044961	49TU	9	9	87/07/16	87/07/17
8900142	C125	044962	49TU	17	17	87/07/31	87/08/02
8900142	C125	044963	49TU	13	13	87/10/07	87/10/10
8900142	C125	045128	49TU	10	10	87/03/10	87/03/16
8900142	C125	045129	49TU	17	17	87/04/15	87/04/26
8900142	C100	493868	49WA	76	76	87/05/31	87/06/08
8900142	C125	045059	49WA	29	29	87/05/31	87/06/07
8900142	C125	045075	49YJ	11	11	87/01/18	87/01/22
8900142	C125	045076	49YJ	12	12	87/03/23	87/03/27
8900142	C125	045077	49YJ	45	45	87/04/13	87/05/01
8900142	C125	045078	49YJ	51	51	87/05/30	87/06/03
8900142	C125	045079	49YJ	12	12	87/07/02	87/07/07
8900142	C125	045080	49YJ	12	12	87/09/19	87/09/24
8900142	C125	045081	49YJ	6	6	87/10/22	87/10/22
8900142	C125	045082	49YJ	64	64	87/11/07	87/12/07
8900142	C100	493872	49YK	11	11	87/06/22	87/06/23
8900142	C100	493877	49YK	41	41	88/05/24	88/06/04
8900142	C125	045083	49YV	23	23	87/12/14	87/12/15
8900142	C125	045093	49ZF	17	17	87/08/30	87/08/31
8900142	C100	861321	8699	75	75	83/01/14	83/01/28
8900142	C100	861322	8699	21	21	83/08/21	83/08/24
8900142	C100	861323	8699	2	2	83/09/05	83/09/05

(320 rows affected)