NOAA FORM 24-5
(8-73)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO:	REFER TO
National Oceanographic Data Ctr. 1825 Connecticut Ave., NW Washington,D.C. 20235	ATTENTION Dr. Tony Picciolo

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

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

The enclosed floppy disks (2) contain XBT data taken by the British charter vessel Farnella using a SEAS III System. These data are being released by the US Geological Survey, Woods Hole Laboratory.

a..Two floppy disks
b..Dump from both disks of the probe.dir file.

Inventory:

Leg 2	Mar 2 - Mar 25 1987 sta 1-47
Leg 3	Mar 30 - Apr 23 1987 sta 48-54, 56-74
Leg 4	Apr 28 - May 5 1987 sta 55, 75-76, 0-5
Leg 5	May 10 - May 27 1987 sta 7-29

cc: Nancy Soderberg, USGS

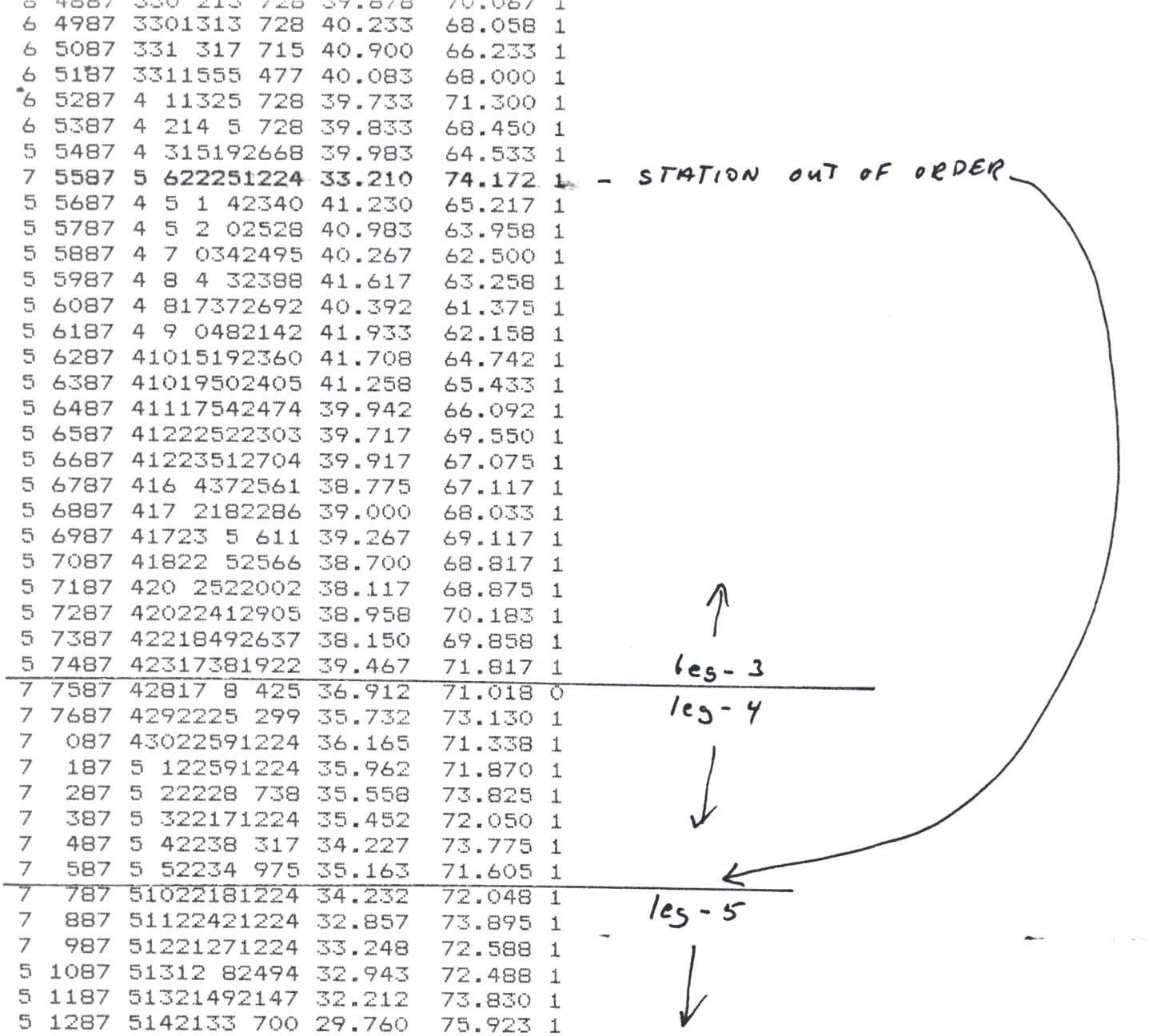
FORWARDED BY *(Signature)*	TITLE	DATE FORWARDED
G. Heimerdinger	NODC Service Center Rep.	02/16/89
RECEIVED BY *(Signature)*	**TITLE**	**DATE RECEIVED**

NOAA FORM 24-5 (8-73)

Dump OF PROBE.DIR
FLOPPY#1

6	187	3	21147	276	37.268	74.408	0
6	287	3	212 6	261	37.310	74.397	0
6	387	3	214 1	157	37.537	74.248	1
6	487	3	21656	728	37.833	73.930	1
6	587	3	219 0	728	38.083	73.720	1
6	687	3	22354	160	38.560	73.185	1
6	787	3	31154	405	39.338	72.088	1
6	887	3	32350	728	38.050	73.517	1
6	987	3	41150	728	36.617	74.417	1
6	1087	3	42351	728	35.272	74.582	1
6	1187	3	51152	728	34.183	74.813	1
6	1287	3	52354	180	34.850	74.338	1
6	1387	3	61150	728	36.667	74.128	1
6	1487	3	62357	728	37.958	73.160	1
6	1587	3	71155	728	39.263	71.833	1
6	1687	3	72353	728	38.100	72.640	1
6	1787	3	812 8	728	37.157	74.233	1
6	1887	3	82353	728	36.768	74.548	1
6	1987	3	91154	164	35.593	72.873	1
6	2087	3	92354	145	38.823	71.538	1
6	2187	3101154		728	38.007	72.002	1
6	2287	3101157		728	35.743	74.233	1
6	2387	3121156		493	33.978	75.047	1
6	2487	3122357		270	33.690	74.403	0
6	2587	312 0 2		728	33.695	74.393	1
6	2687	3131156		279	34.907	74.105	1
6	2787	3141154		728	35.727	74.205	1
6	2887	3142352		728	36.110	73.980	1
6	2987	3151154		369	37.100	73.320	0
6	3087	3152353		220	38.170	71.867	1
6	3187	3161154		728	38.367	71.348	1
6	3287	3162352		728	37.183	72.735	1
6	3387	3171154		624	36.405	73.663	1
6	3487	3172352		233	37.445	71.885	1
6	3587	3181220		728	38.605	70.615	1
6	3687	3182352		728	37.358	71.628	1
6	3787	3191153		728	36.857	72.412	1
6	3887	3192353		728	36.433	73.150	1
6	3987	3201159		506	35.727	73.992	1
6	4087	3201757		684	36.353	72.878	1
6	4187	3202352		503	36.915	71.815	1
6	4287	3211153		340	38.250	70.385	1
6	4387	3212352		728	37.305	70.933	1
6	4487	3221154		728	36.400	72.300	1
6	4587	3241155		728	36.073	72.902	1
6	4687	3242348		728	35.525	73.907	1
6	4787	3251311		728	37.478	73.063	1

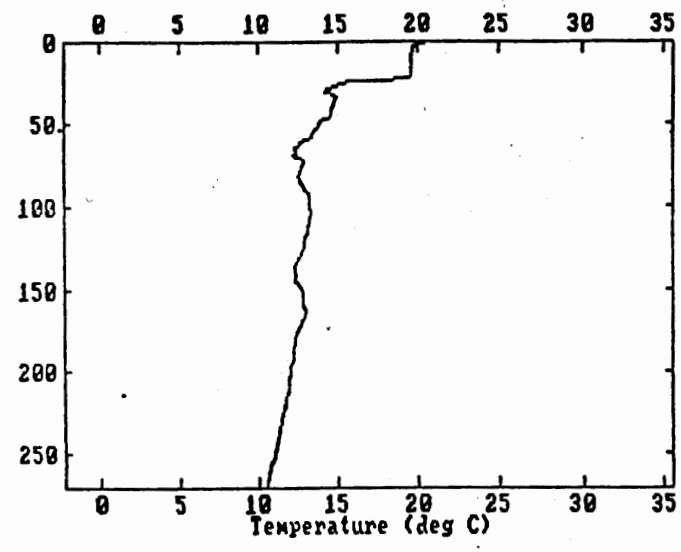
6	4987	3301313	728	40.233	68.058	1
6	5087	331 317	715	40.900	66.233	1
6	5187	3311555	477	40.083	68.000	1
6	5287	4 11325	728	39.733	71.300	1
6	5387	4 214 5	728	39.833	68.450	1
5	5487	4 315192668		39.983	64.533	1
7	5587	5 622251224		33.210	74.172	1
5	5687	4 5 1	42340	41.230	65.217	1
5	5787	4 5 2	02528	40.983	63.958	1
5	5887	4 7	0342495	40.267	62.500	1
5	5987	4 8 4	32388	41.617	63.258	1
5	6087	4 817372692		40.392	61.375	1
5	6187	4 9	0482142	41.933	62.158	1
5	6287	41015192360		41.708	64.742	1
5	6387	41019502405		41.258	65.433	1
5	6487	41117542474		39.942	66.092	1
5	6587	41222522303		39.717	69.550	1
5	6687	41223512704		39.917	67.075	1
5	6787	416 4372561		38.775	67.117	1
5	6887	417 2182286		39.000	68.033	1
5	6987	41723 5	611	39.267	69.117	1
5	7087	41822 52566		38.700	68.817	1
5	7187	420 2522002		38.117	68.875	1
5	7287	42022412905		38.958	70.183	1
5	7387	42218492637		38.150	69.858	1
5	7487	42317381922		39.467	71.817	1
7	7587	42817 8	425	36.912	71.018	0
7	7687	4292225	299	35.732	73.130	1
7	087	43022591224		36.165	71.338	1
7	187	5 122591224		35.962	71.870	1
7	287	5 22228	738	35.558	73.825	1
7	387	5 322171224		35.452	72.050	1
7	487	5 42238	317	34.227	73.775	1
7	587	5 52234	975	35.163	71.605	1
7	787	51022181224		34.232	72.048	1
7	887	51122421224		32.857	73.895	1
7	987	51221271224		33.248	72.588	1
5	1087	51312 82494		32.943	72.488	1
5	1187	51321492147		32.212	73.830	1
5	1287	5142133	700	29.760	75.923	1
5	1387	51413152383		30.748	76.568	1
5	1487	5152221	431	29.425	76.565	1
7	1587	5162156	667	29.825	76.665	1
7	1687	5171351	698	28.355	76.742	1
7	1787	51721371224		28.635	76.890	1
5	1887	51814 92508		31.027	76.908	1
5	1987	51821 52578		30.358	77.052	1
7	2087	51914271224		30.665	77.360	1
7	2187	5192133	574	30.177	77.515	1
7	2287	52020361224		30.630	77.768	1
7	2387	52122421024		31.367	78.115	1
7	2487	52220191224		31.077	78.350	1
7	2587	5232132	855	30.543	78.583	1
7	2687	52320191224		30.528	78.817	1
7	2787	52520201224		28.505	77.025	1
5	2887	5262154	858	27.607	76.480	1
5	2987	52712 6	716	25.693	77.022	1



075	T-07	28APR87	17:08	36 54.7 N	71 01.1 W	07870428.075	N
076	T-07	29APR87	22:25	35 43.9 N	73 07.8 W	07870429.076	Y
000	T-07	30APR87	22:59	36 09.9 N	71 20.3 W	07870430.000	Y
001	T-07	1MAY87	22:59	35 57.7 N	71 52.2 W	07870501.001	Y
002	T-07	2MAY87	22:28	35 33.5 N	73 49.5 W	07870502.002	Y
003	T-07	3MAY87	22:17	35 27.1 N	72 03.0 W	07870503.003	Y
004	T-07	4MAY87	22:38	34 13.6 N	73 46.5 W	07870504.004	Y
005	T-07	5MAY87	22:34	35 09.8 N	71 36.3 W	07870505.005	Y
006	T-07	6MAY87	22:25	33 12.6 N	74 10.3 W	07870506.006	Y

NOAA
National
Ocean
Service

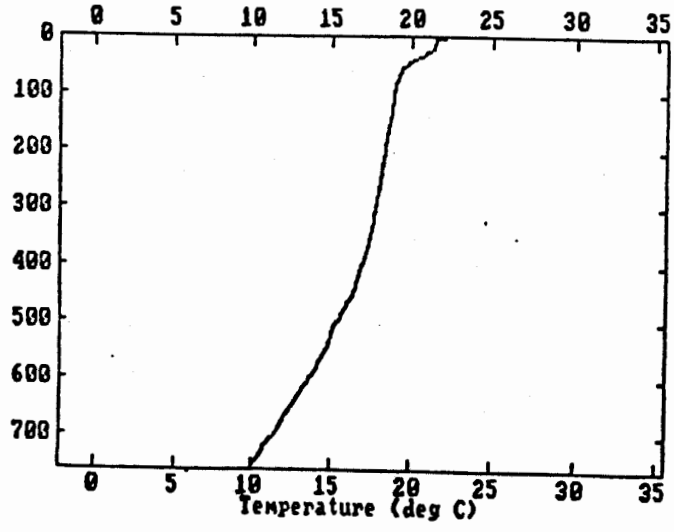
Drop 075
Latitude : 36 54.7 N
Longitude: 71 01.1 W
Probe T-07
Date 87/04/28
Time 17:08 GMT
Bottom depth: 4200 m
Cruise: F87-4



GULF STREAM

NOAA
National
Ocean
Service

Drop: 006
Latitude : 33 12.6 N
Longitude: 74 10.3 W
Probe T-07
Date 87/05/06
Time 22:25 GMT
Bottom depth: 4500 m
Cruise: F87-4



NO GULF STREAM