

The University of Texas at Austin
Institute for Geophysics

Cruise: EW92-07 Barbados

Log: XBT DATA

copy

NOAA

National
Ocean
Service

Drop 242

Latitude : 15 32.5 N

Longitude: 58 02.2 W

Probe T-04

Date 92/06/12

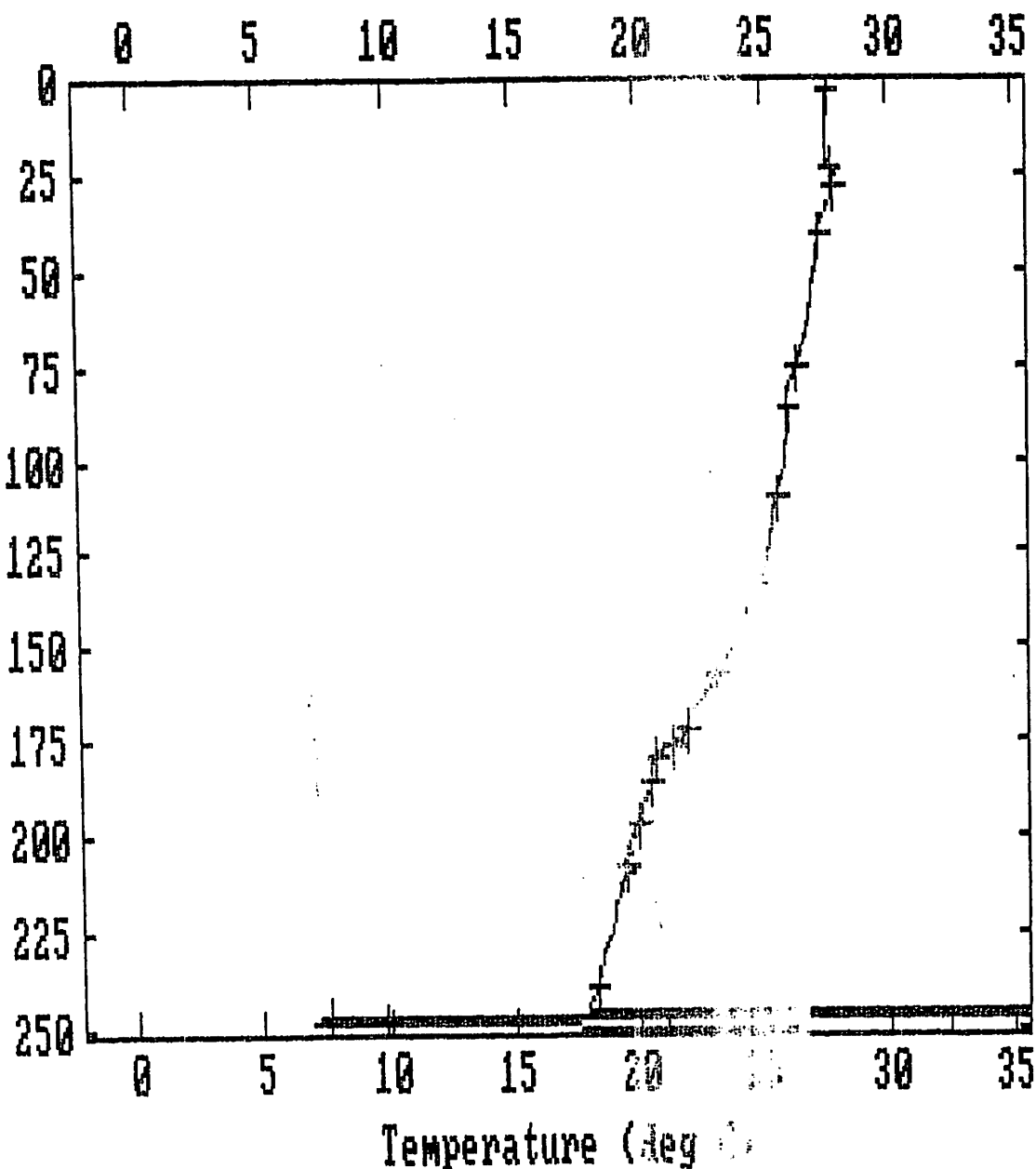
Time 17:31 GMT

Bottom depth: 5050 m

Cruise: EW9205

Bucket Temp: 28.2 C

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NOAA

National
Ocean
Service

Drop 243

Latitude : 15 37.6 N

Longitude: 59 39.6 W

Probe T-04

Date 92/07/02

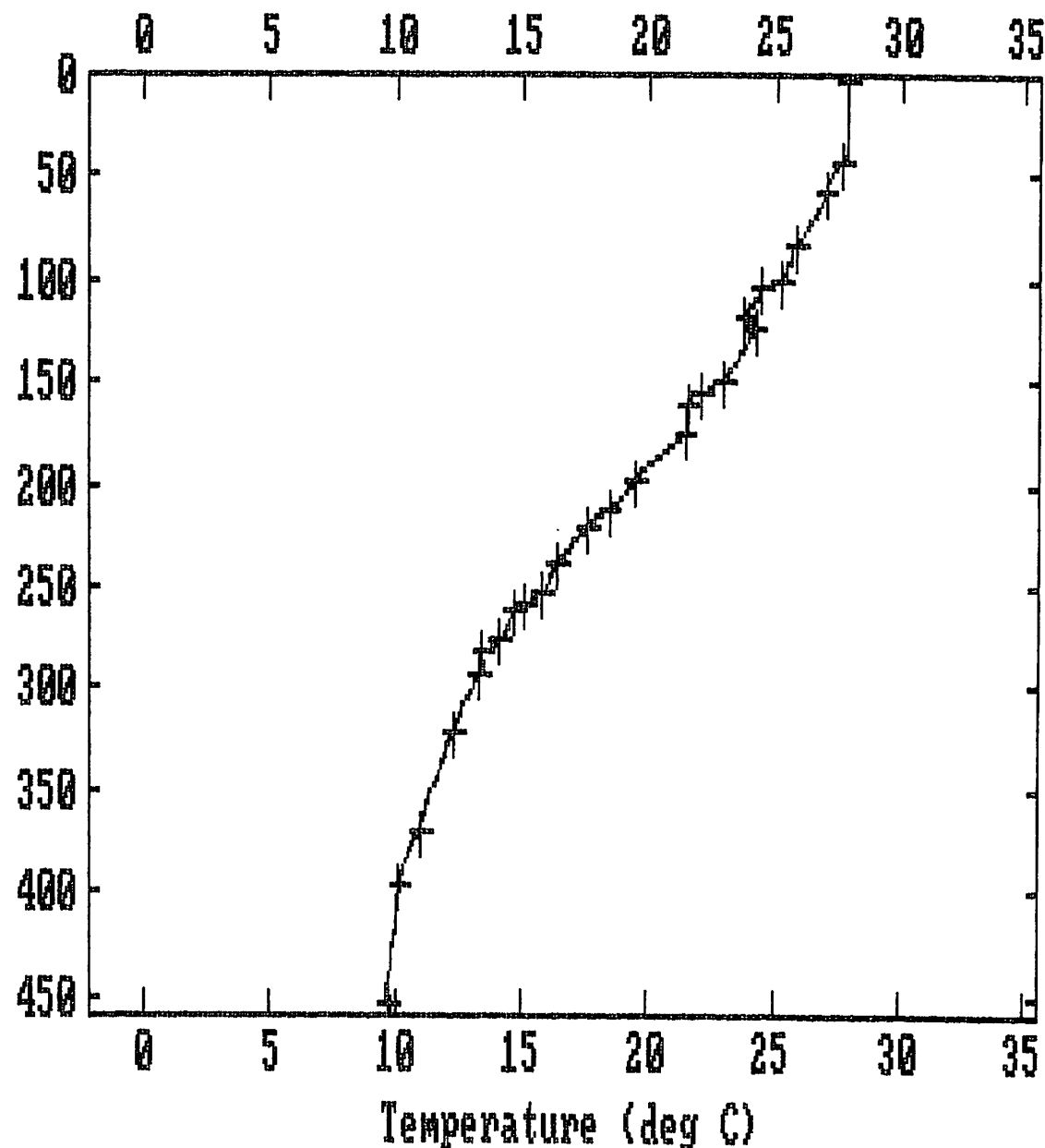
Time 01:44 GMT

Bottom depth: 3790 m

Cruise: EW9207

Bucket Temp: 27.5 C

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Cruise: EW920~~7~~

Bucket Temp.: 28.2 C

Ship: R/V MAURICE EWING

Bottom depth: 5050 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 27.69 (C)

BOTTOM TEMP(251.64 m): 32.35 (C)

Depth meters	Temp (C)
58.7	27
95.3	26
131.1	25
145.8	24
157.9	23
170.6	22
177.0	21
194.8	20
217.6	19
242.2	18
245.3	100
246.6	28
247.2	8
247.9	7
248.5	10
249.1	14
249.8	21
250.4	26
251.0	27
251.6	32

Shpily

FINAL 7/2/92

EW9207 Geometry

DESCRIPTION	S/N	BIRD	DT	LENGTH (meters)	DIST. FROM ANT. (m)	DIST. FROM SOURCE (m)	COMMENTS
CAN #18					36	-	Pedestal Can
Deck Leader				50	36	-	Wet Stage to Reel
Can #17	963				36	-	On Reel
Passive Section				100	36	-	On Reel
Can #16	351				36	-	On Reel
Tow Leader				100	36	-	Approx. 82 m depl. from reel; 70 m from stern
STERN					48	-	
SOURCE (center)					83	-	
Isolator				1	118	35	
Can #15	1369				119	36	Tow Can
Passive Sect.				100	119	36	
Can #14	3184				219	136	
Passive Stretch				53	219	136	
Can #13	1388	X	X		272	189	
Active (49-52)				50	272	189	First Active Section
Center of first active section (channel 52)					278.25	195.25	S 2
Can #12	546	X			322	239	170
Compass #6	3853.5			4	322	239	Removed 169/0500 (before line 186C)
Active (45-48)	1111			50	326	243	
Can #11	1229	X	X		376	293	DT S/N 112
Active (41-44)	1156			50	376	293	
Can #10	285A				426	343	
Compass #5	7014.1			4	426	343	
Active (37-40)	1315			50	430	347	
Can #9	L1963	X	X		480	397	DT S/N 519
Active (33-36)	1157			50	480	397	
Can #8	751A				530	447	
Compass #4	7764			4	530	447	
Active (29-32)	1172			50	534	451	
Can #7	1491A	X	X		584	491	DT S/N 537
Active (25-28)	1149			50	584	491	
Can #6	L1390				634	551	
Compass #3	3821.9			4	634	551	
Active (21-24)	1318			50	638	555	
Can #5	L967	X	X		688	605	DT S/N 522
Active (17-20)	1311			50	688	605	
Can #4	1081				738	655	
Compass #2	3797			4	738	655	
Active (13-16)	1321			50	742	659	
Can #3	1380	X	X		792	709	DT S/N 814
Active (9-12)	1317			50	792	709	
Can #2	1229				842	759	
Compass #1	4329			4	842	759	+ 0.4°
Active (5-8)	1312			50	846	763	
Can #1	1239	X	X		896	813	
Active (1-4)	1351			50	896	813	
Center of last active section (channel 1)					939.75	856.75	
--Distances are measured to forward end of sections. Add 6.25 m for center-of-channel distances.							
--Compass #6 was removed [d169/0500 (just before line 186C). Subtract 4 m from distances aft of compass #6 for lines recorded after [d169/0500.]							

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