

RADAR PREFLIGHT CHECKLIST

AUG 17 1983

FLIGHT # 1783081712 - RADAR

A.C. # 43

OPERATOR Vic Wiggert

RADAR TECH Ed Bujiser / NCAR

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD 12 + 1 1/2 boxes

NUMBER OF VIDEO TAPES ONBOARD 4

NUMBER OF TAPE LABELS ON BOARD 720

COMPONENT SYSTEMS UP AND CHECKED.

RDSC ✓
COMPUTER ✓
DMTR1 ✓
DMTR2 ✓

VTR ✓
DSC1 ✓
DSC2 ✓
SCOPES ✓

NO ✓
LF ✓
TA ✓

Time correction between radar time and digital time _____

RADAR POSTFLIGHT SUMMARY

NUMBER OF DIGITAL TAPES USED DMTR 1 _____
DMTR 2 _____

NUMBER OF VIDEO TAPES USED _____

SIGNIFICANT RECORDER DOWN TIME (other than for tape changes).

DMTR: LF _____
NO _____
TA _____

VTR: LF _____
NO _____
TA _____

OTHER PROBLEMS: (stabilization, interference, etc.)

NHEML RADAR TAPE LOG

FLIGHT 830817Z AIRCRAFT 43

OPERATOR Wiggert SHEET 1 OF 1

TAPE #	TIME ON	TIME OFF	SOURCE RADARS			REWOUND?		COMMENTS
			NO	TA	LF	YES	NO	
1/1	1954	~2023		X	X	X		No Fwd off Rewound
2/1	202340	2041		X	X	X		Rewound
1/2	2041	2110		X	X	X	RE	Rewound ; (Tae) innermost 100
2/2	2110	213330		X	X	X		
1/3	213330	2154		X	X	X		
2/3	2154	2233		X	X	X		
1/4	2202	2225		X	X	X		
2/4	2225	2252		X	X	X		VRK (Cork) 2226 @ 22378
1/5	2252	2322		X	X	X		@ 2240 clocks agree again
2/5	2322	2340		X	X	X		
1/6	2340	0009		X	X	X		
2/6	0009	0034		X	X	X		
1/7	0034	0106		X	X	X		
2/7	0106	0139		X	X	X		
1/8	0139	0210		X	X	X		
2/8	0210	0237		X	X	X		
1/9	0237	0308		X	X	X		Seabattered in EOT
2/9	0308	0341		X	X	X		"Belt on" from 0316
1/10	0341	0416		X	X	X		← Last tape
2/10	0416							

Note:
1/2 is rewound; torn

NHRL DOPPLER RADAR TAPE LOG

FLIGHT 830817I

AIRCRAFT N43F

OPERATOR DARBY

SHEET 1 OF 1

TAPE #	TIME ON	TIME OFF	SOURCE			#	SCAN PULSE RATE	COMMENTS
			V	H	S			
								<u>Doppler Times Good</u>
1	202314	2041						150
2	204350	2100						150 265-IN OUT 220 TAPE RUN OFF
3	2107	2111						MIS EYE WALL ON WAY OUT 1.0 min 220
4	2112	213130						TAPE change made WITH LEFT RADAR 2112
5	213530	2153						good change good RAIN BAND
6	215738	221700						good Pin IN OUT ON TAPE
7	2220	2238						OUT OF SIGHT WITH LEFT RADAR
8	224048	2259						
9	230225	2321						DETACH FOR BANDS GOOD RAIN BANDS
10	232345	234050						TAPE BACK IN SIGHT RAIN BANDS
11	234350	2355						short
12	235640	0001324						START 2357 RAIN BAND EYE EYE IN
13	001539	003333						EYE OUT
14	003625	005357						
15	005627	011514						
16	011810	013645						
17	015920	015936						NICE EYE Pin
18	020123	022020						
19	022309	024200						
20	024507	030417						FINAL FIX
21	030751	032640						FINAL FIX
22	032900	034800						WAY home LEAVE EYE

022006
L/F

HDG
060

8
3
0
8
1
7
I
B

TILT
1.2

40 MI
RNG MK

024802
L/F

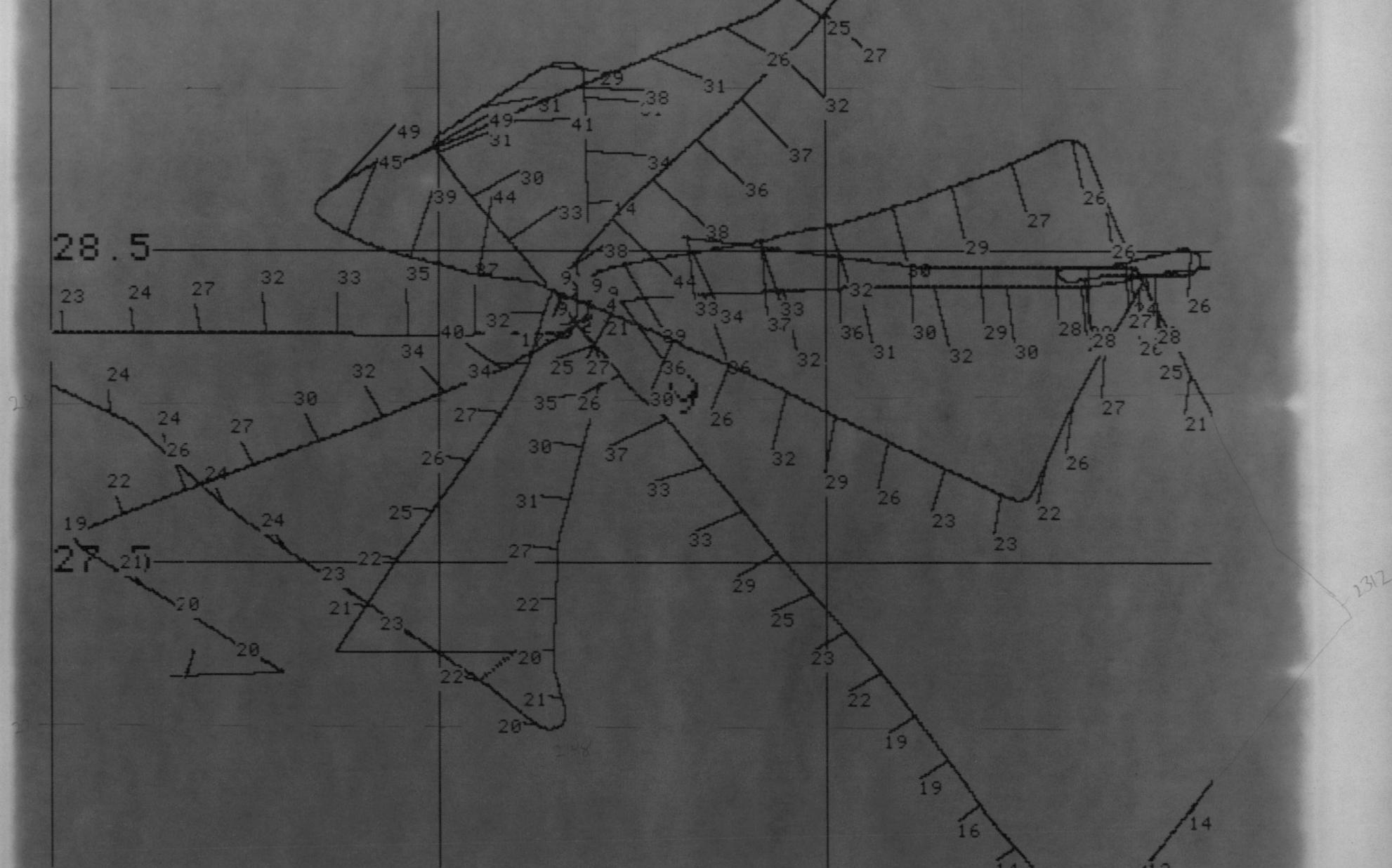
HDG
237

8
3
0
8
1
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I
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TILT
7.1

40 MI
RNG MK

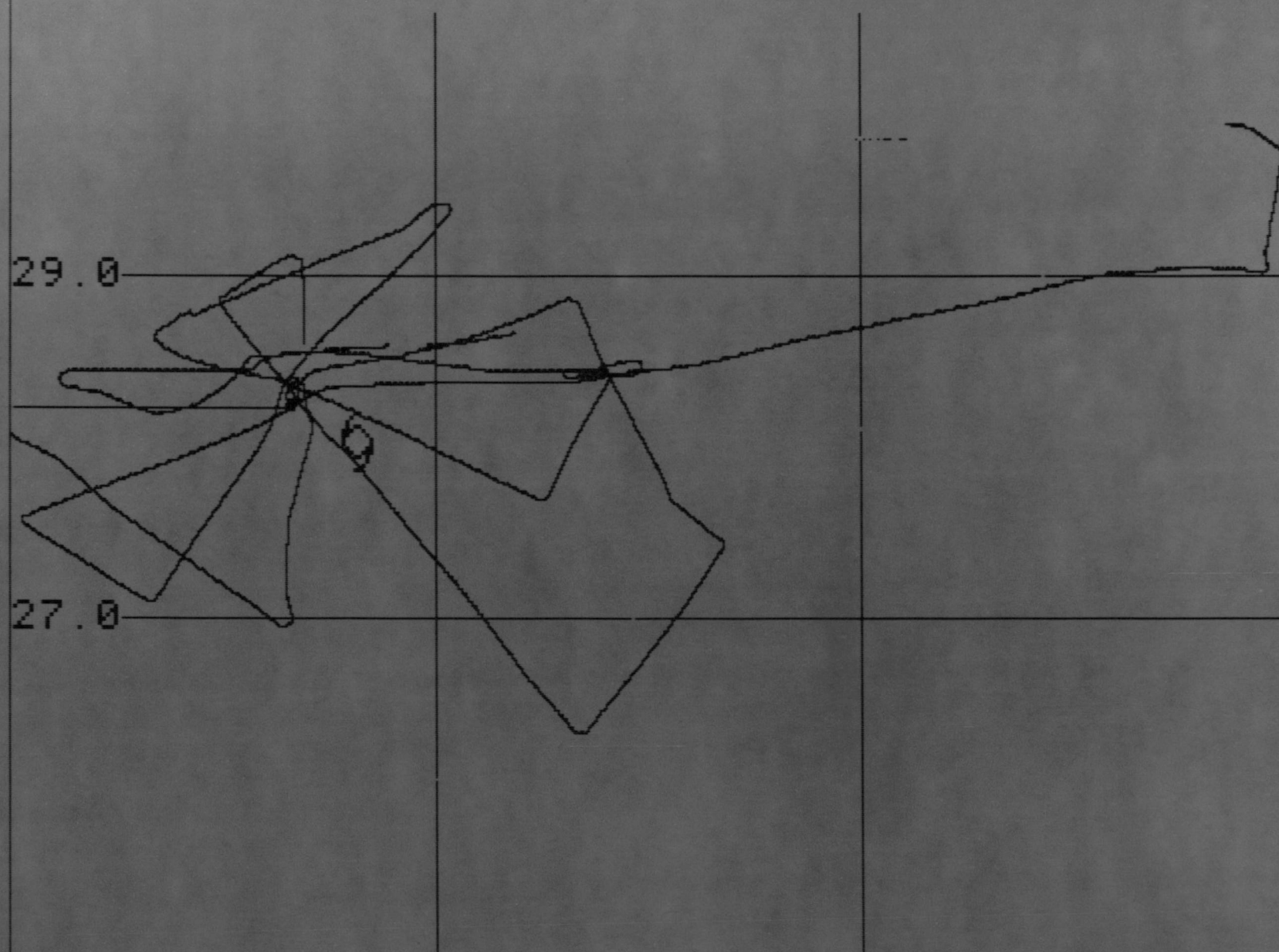
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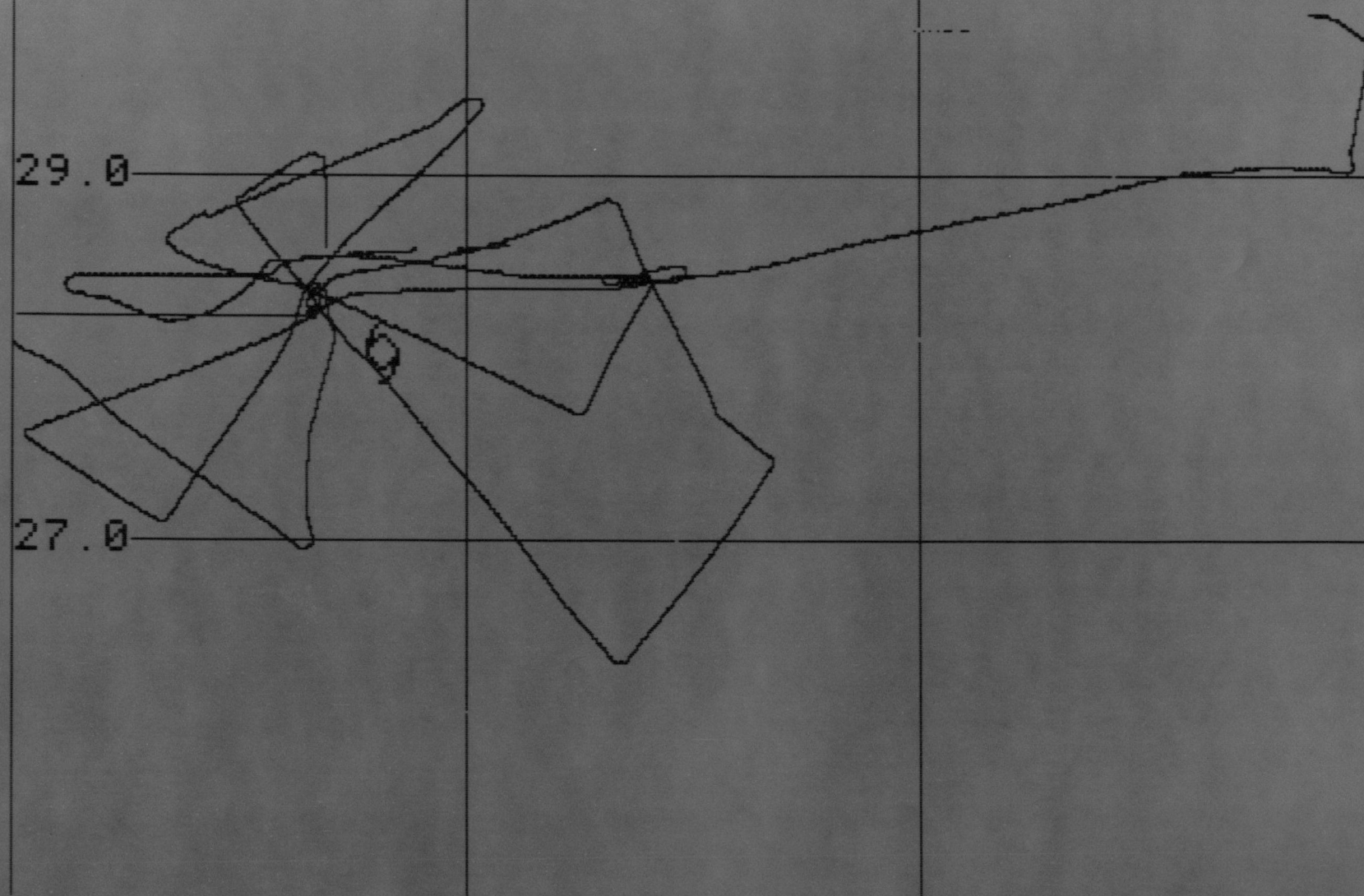
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01.0 94 0 18:55: 0 830817 RFC FTRK 92 0 3:45:16



18:55: 0 830817 RFC FTRK 3:42:34



024400
L/F

HDG
258

8
3
0
8
1
7
I
B

TILT
2.7

40 MI
RNG MK

024640
L/F

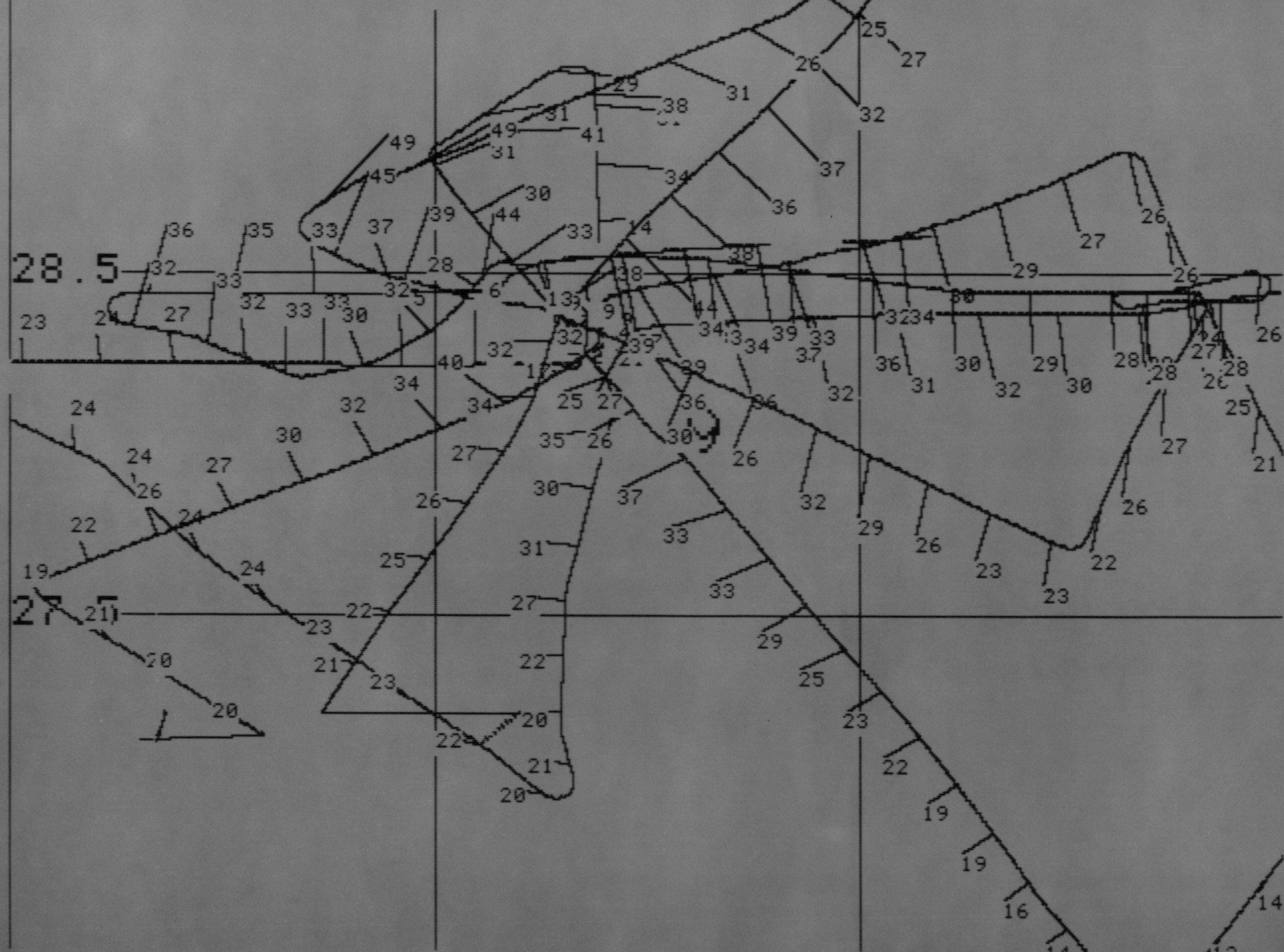
HDG
264

8
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0
8
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I
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TILT
1.5

40 MI
RNG MK

18:52: 0 830817 RFC FTRK 3:42:14



022404
L/F

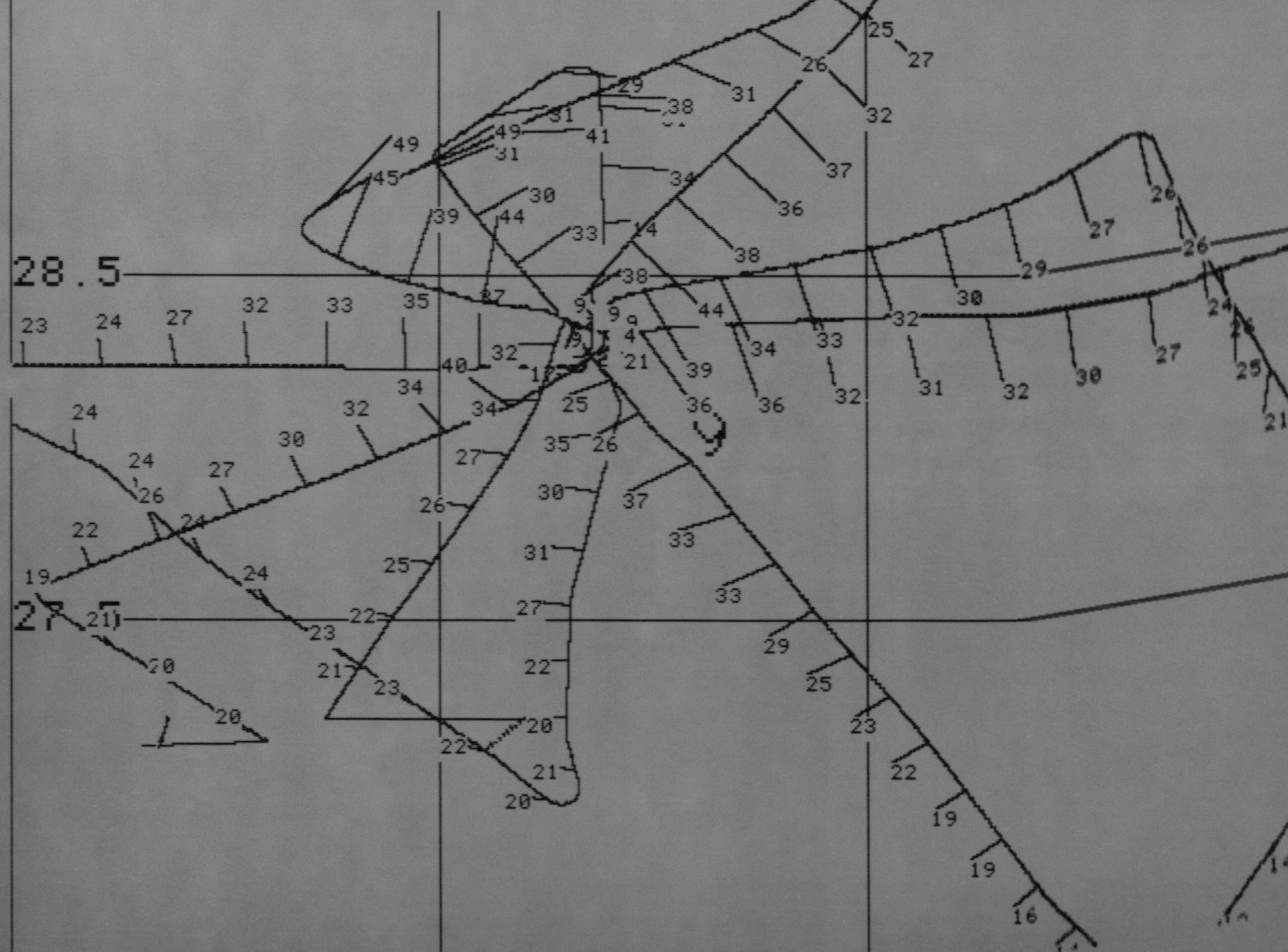
HDG
028

030817IB

TILT
1.8

40 MI
RNG MK

18:52: 0 830817 RFC FTRK 1:56:44



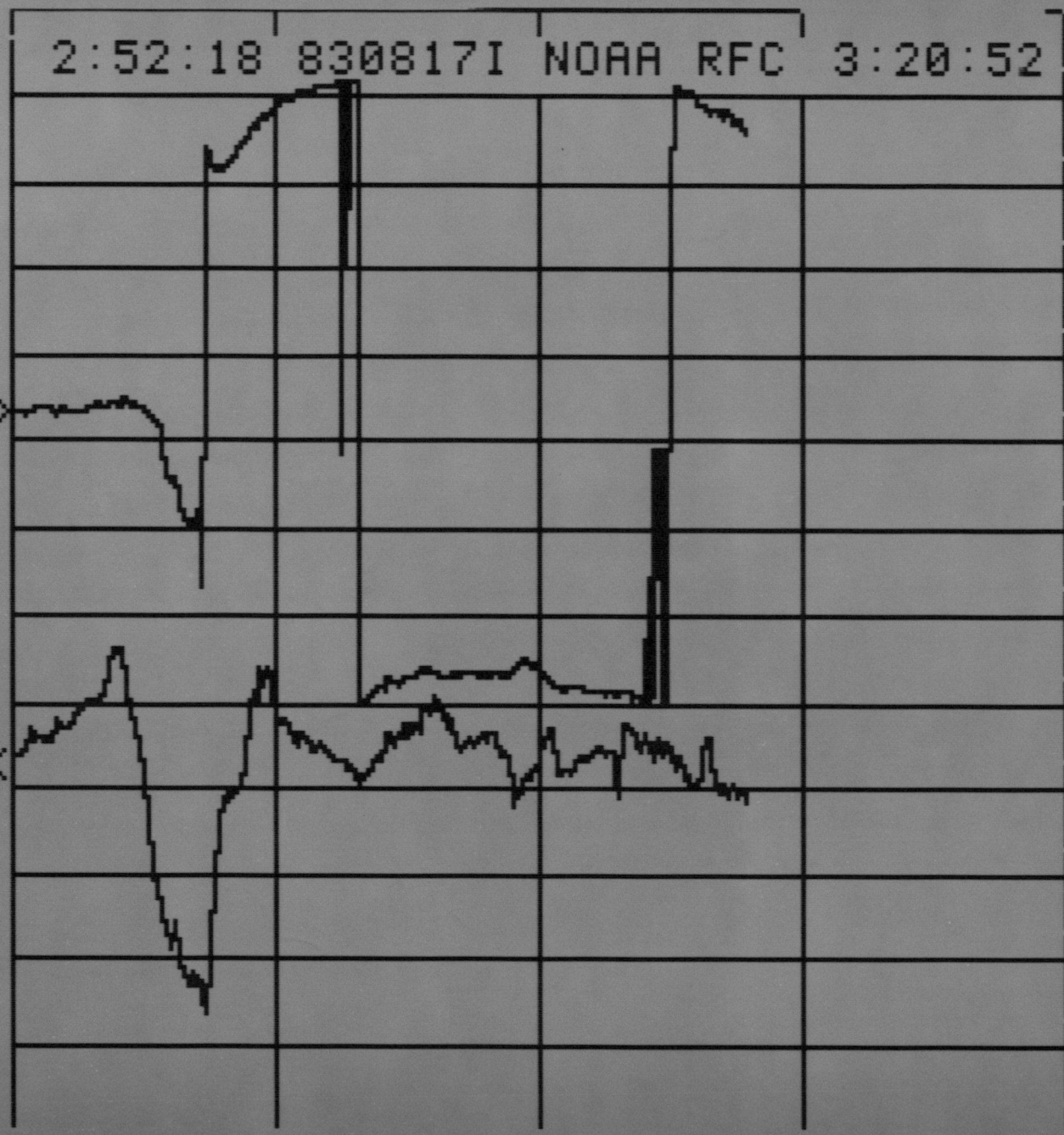
2:52:18 830817I NOAA RFC 3:20:52 MT#10

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004404
L/F

HDG
097

830817IB

TILT
2.4

40 MI
RNG MK

004022
L/F

HDG
094

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TILT
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40 MI
RNG MK

004824
L/F

HDG
097

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TILT
1.5

40 MI
RNG MK

004006
L/F

HDG
096

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TILT
1.9

40 MI
RNG MK

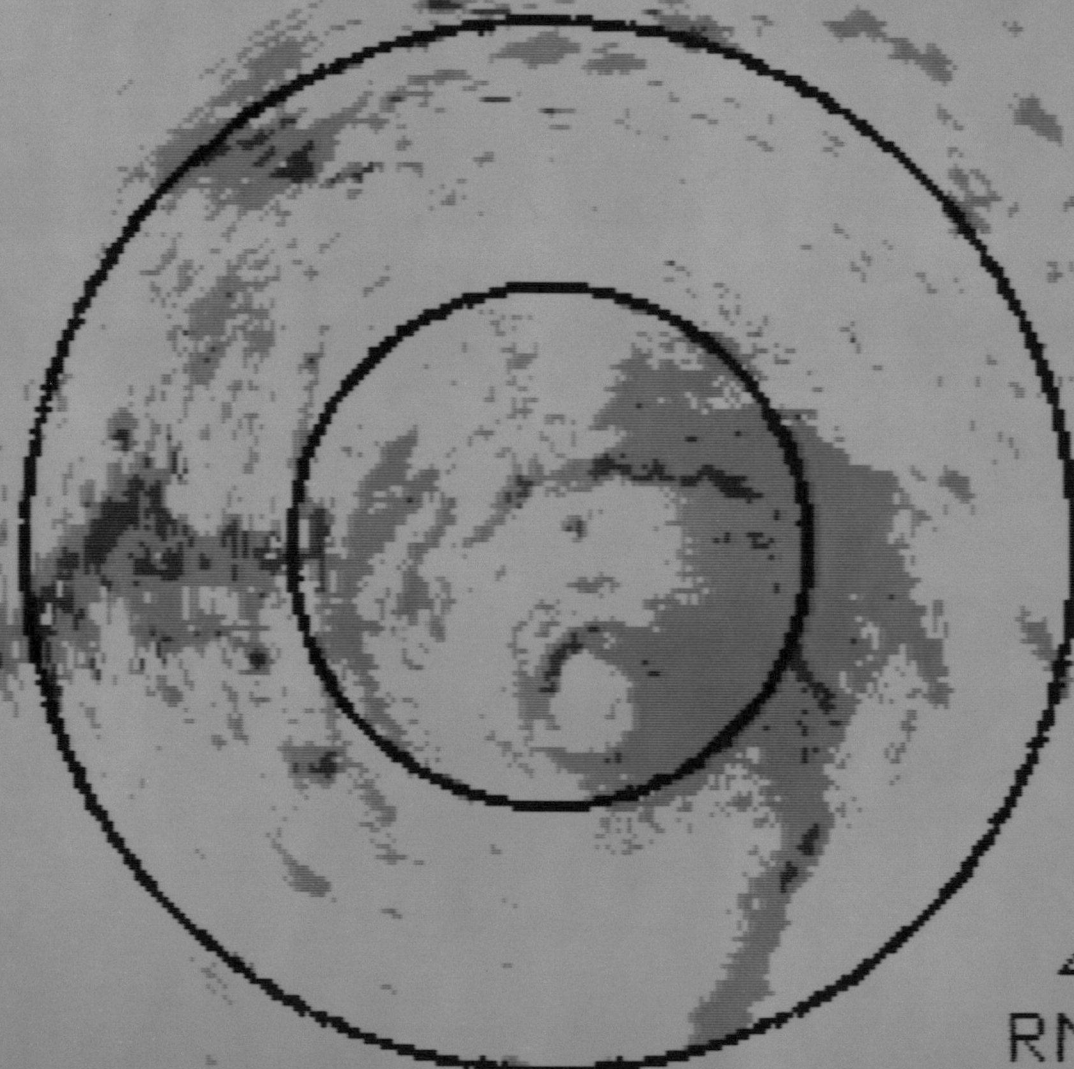
000420
L/F

HDG
055

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TILT
1.8

40 MI
RNG MK



22: 9:40 830817I NOAA RFC 22:45: 4 MT#10

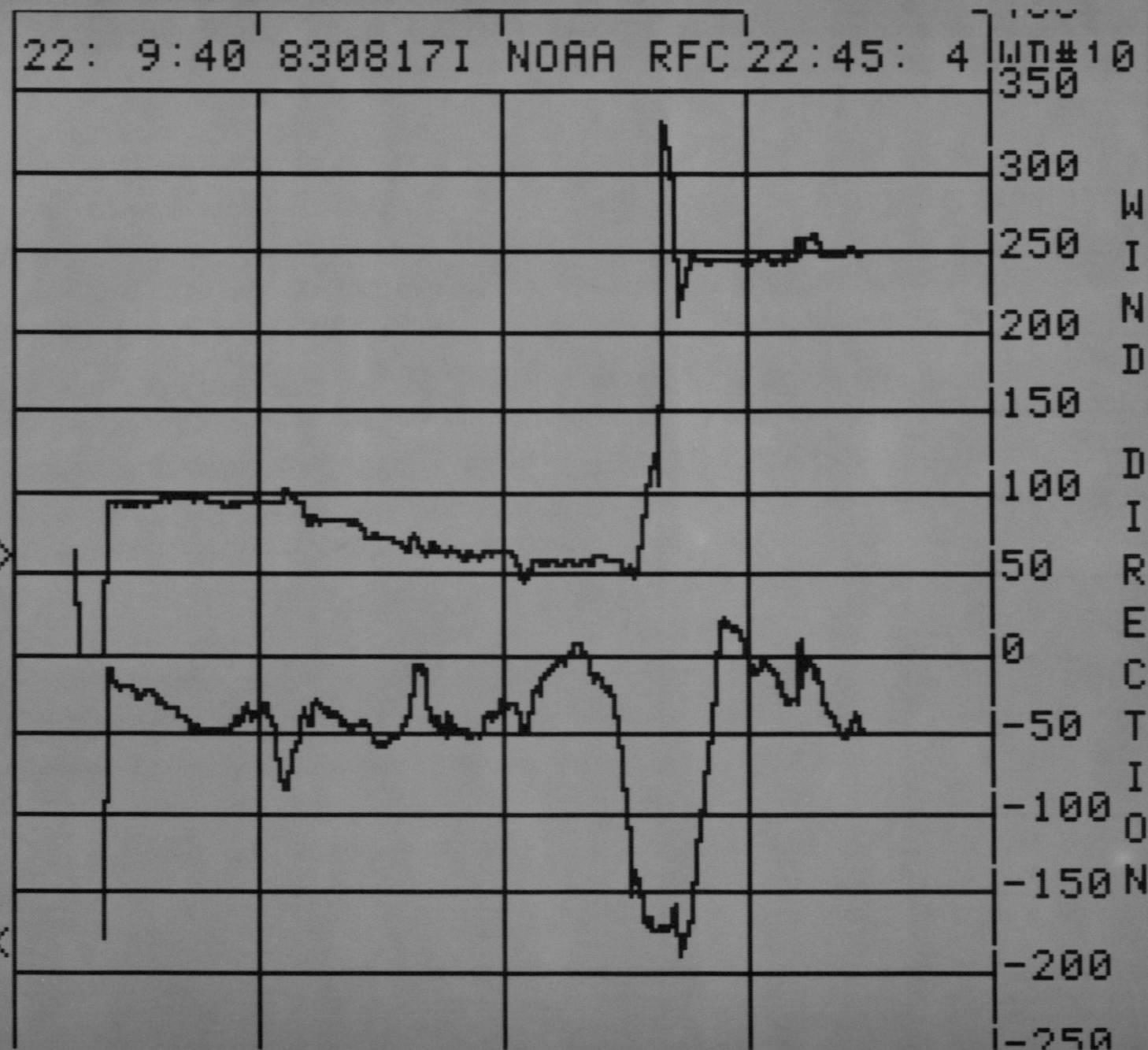
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22: 9:40 830817I NOAA RFC 22:40:40

MT#10

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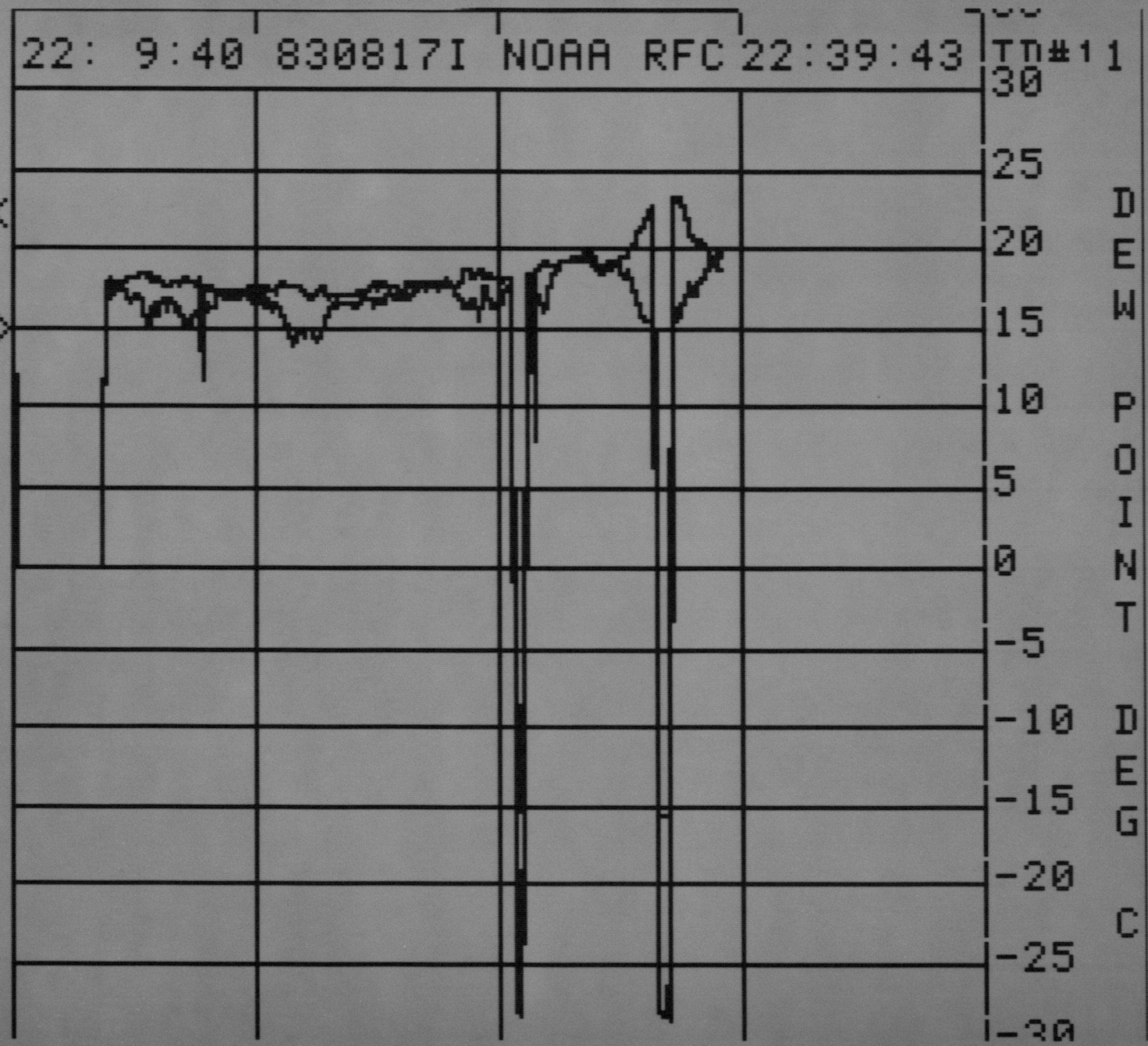
350
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22: 9:40 830817I NOAA RFC 22:39:43

TD#11

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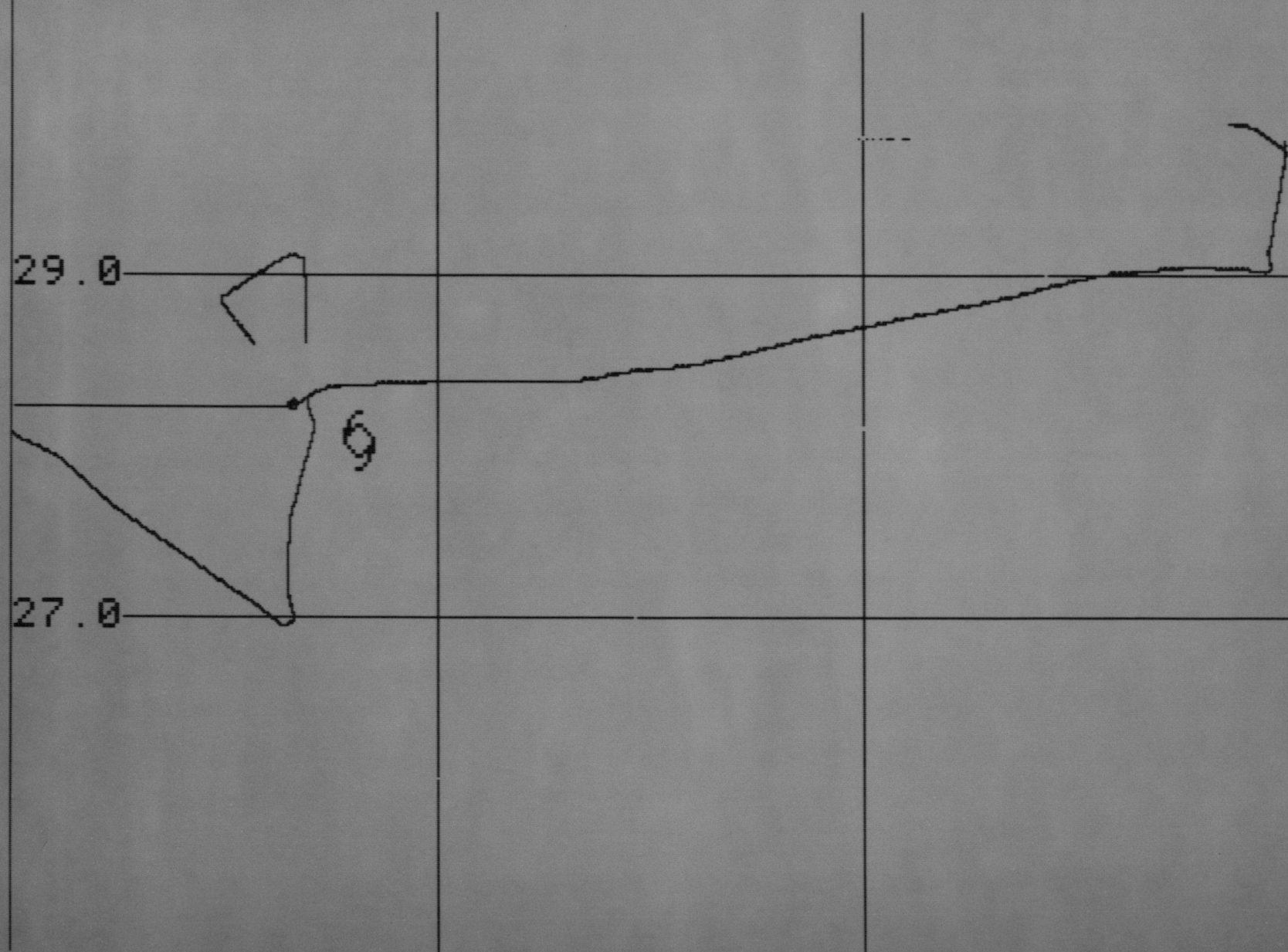
D
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C

18:55: 0 830817 RFC FTRK 22:31:35

29.0

27.0

6



222646
L/F

HDG
210

8
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8
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I
B

TILT
3.5

40 MI
RNG MK

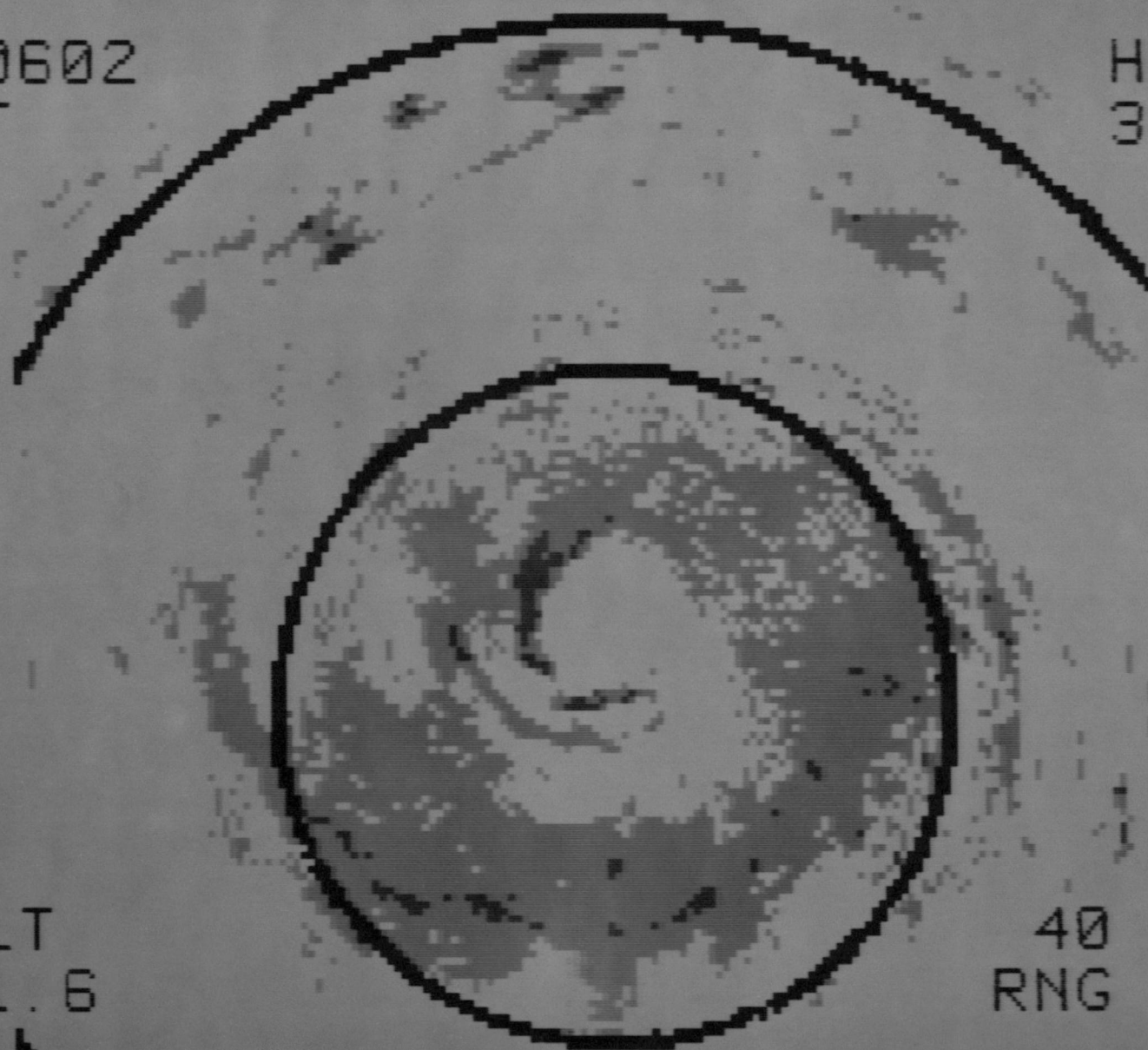
220602
L/F

HDG
354

8
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TILT
1.6

40 MI
RNG MK



220042
L/F

HDG
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TILT
1.9

40 MI
RNG MK

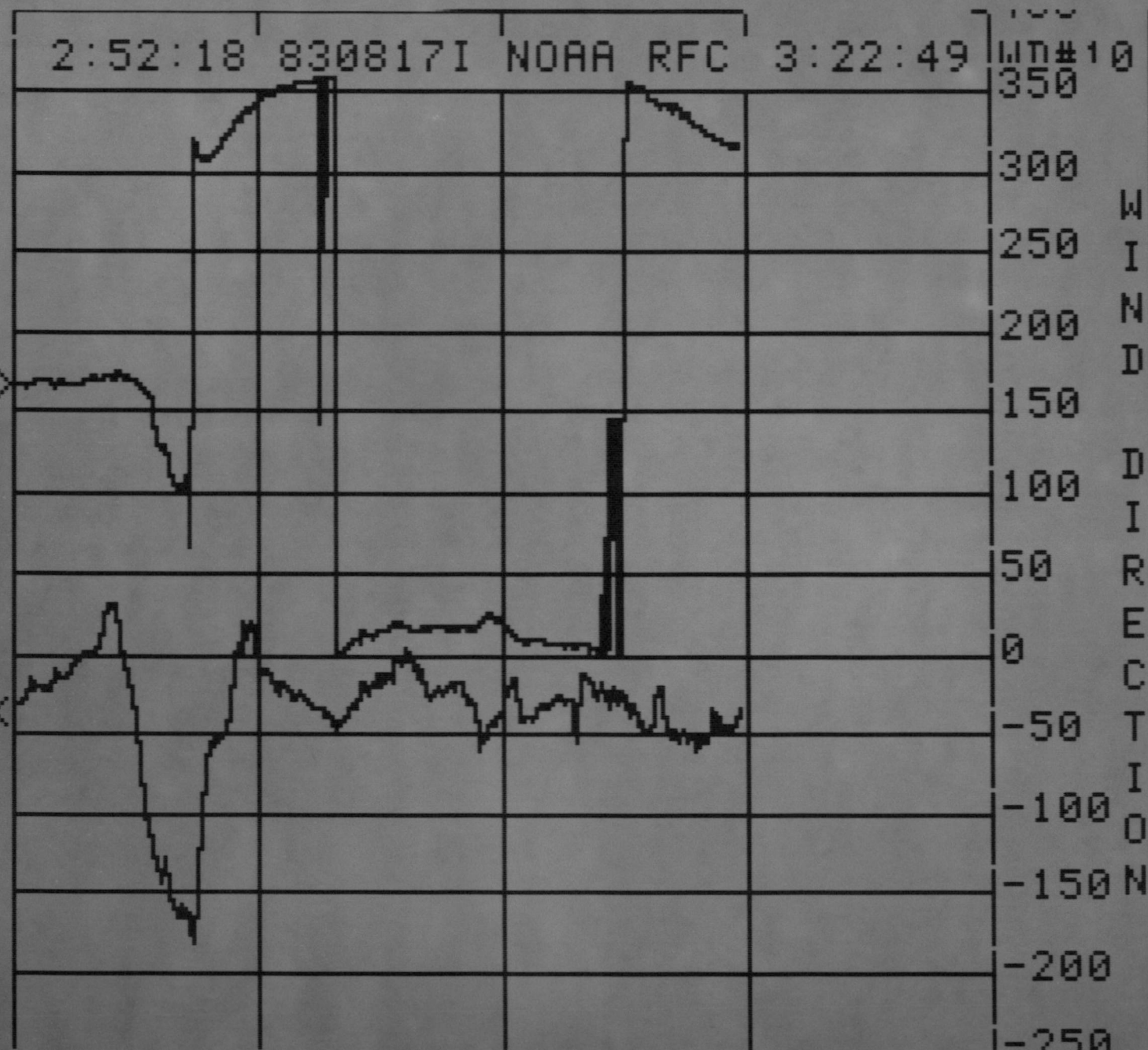
2:52:18 830817I NOAA RFC 3:22:49 MTN#10

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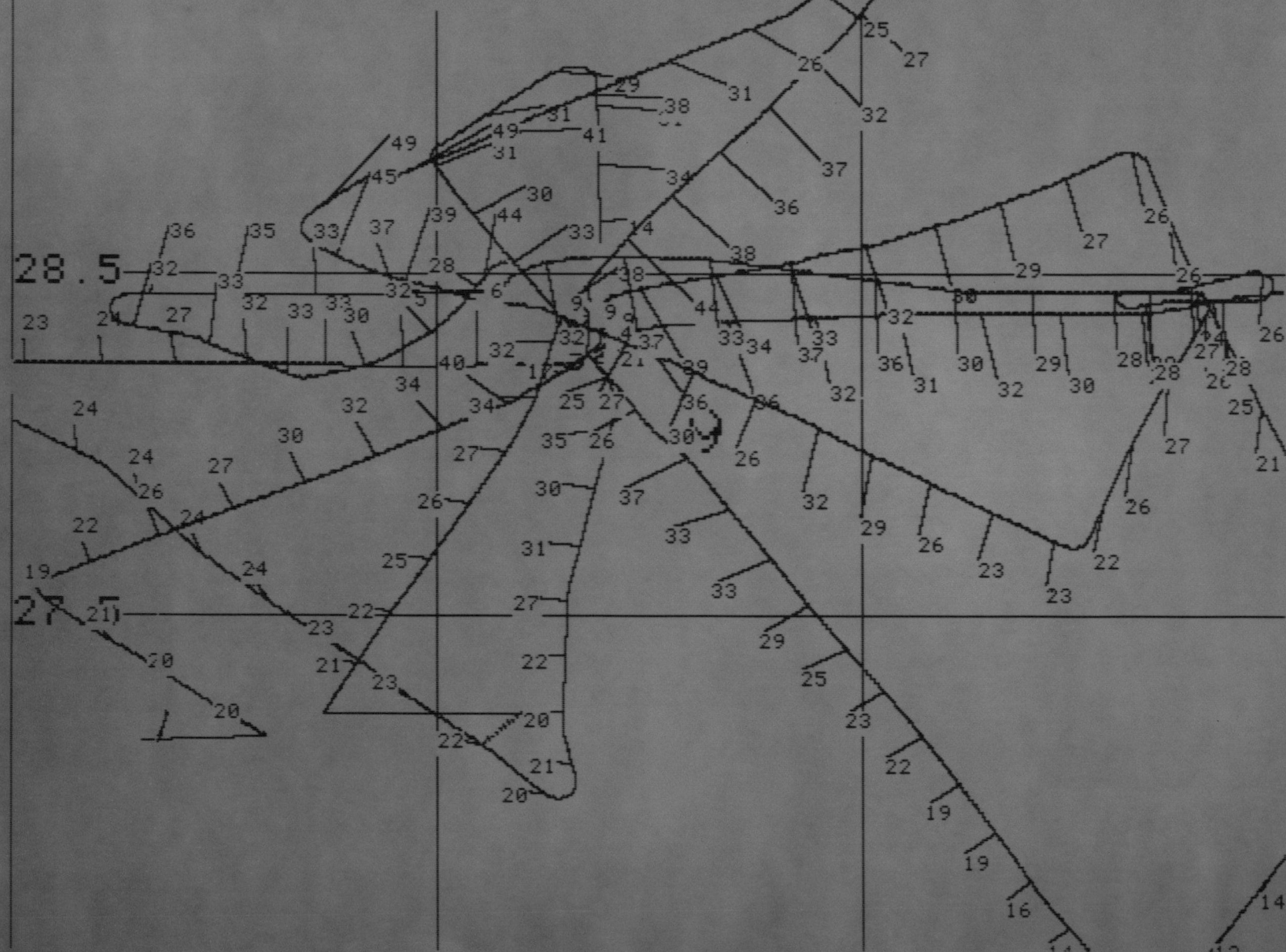


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18:52: 0 830817 RFC FTRK 3:27:50



022600
L/F

HDG
030

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8
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B

TILT
1.6

40 MI
RNG MK

