

On-board Lead Project Scientist Checklist

DATE Aug 24, 1983

AIRCRAFT 42

FLT ~~830825H1~~
19830825H1-LPS

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>Jorgensen</u>	Gust Probe	<u></u>
Cloud Physics	<u>Willis</u>	Omegasonde	<u></u>
AXBT Doppler	<u>Lord</u>	Sys Eng	<u>Zysko</u>
Hot Film Radar	<u>Feinberg</u>	Data Tech	<u>Devito</u>
Radar	<u>Cheng</u>	El Tech	<u>Schricker</u>
Flt Dir/Met	<u>Parrish</u>	Other Pilot	<u>Nobel</u>

Take Off 0150Z Location MIA Landing 0710 Location MIA

B. Past and Forecast Storm Position

Date	Time	Latitude	Longitude	MSLP
<u>8/24</u>	<u>2053Z</u>	<u>27.9</u>	<u>78.1</u>	<u>1011</u> 50 kts
<u></u>	<u>0000Z</u>	<u>28.2</u>	<u>78.4</u>	<u>1011</u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

C. Mission Briefing

Rotating Fig '4'

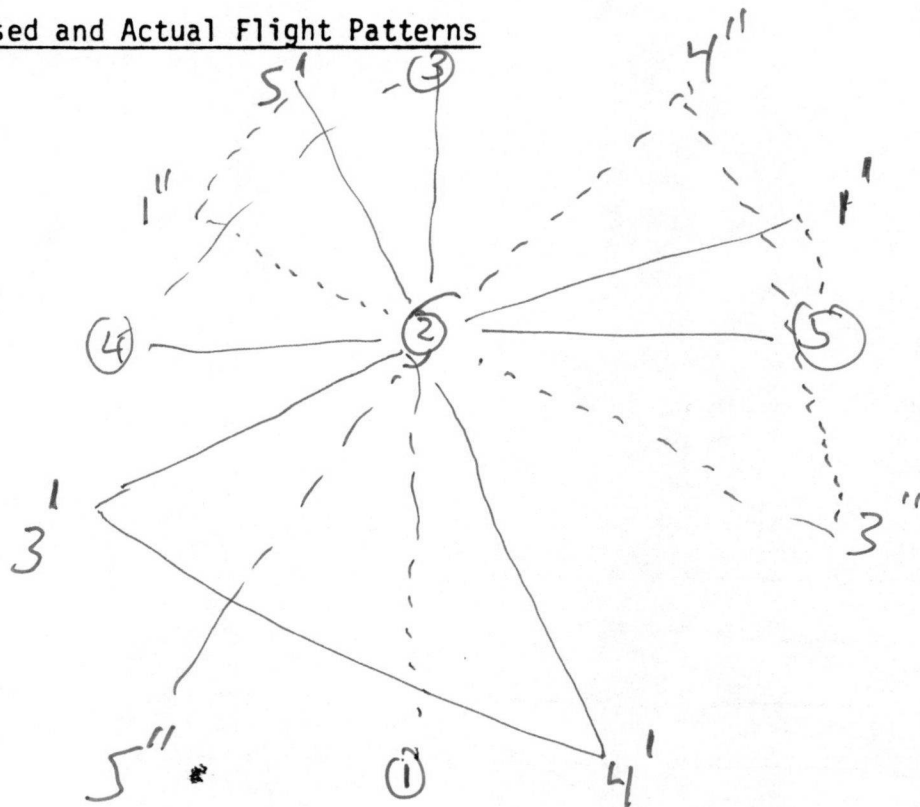
D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	ok			
Radar	ok			
Cloud Physics	ok			
Data Sys	ok			
Omegasondes				
AXBT				
Gust Probe				
Hot Film				
Photography				

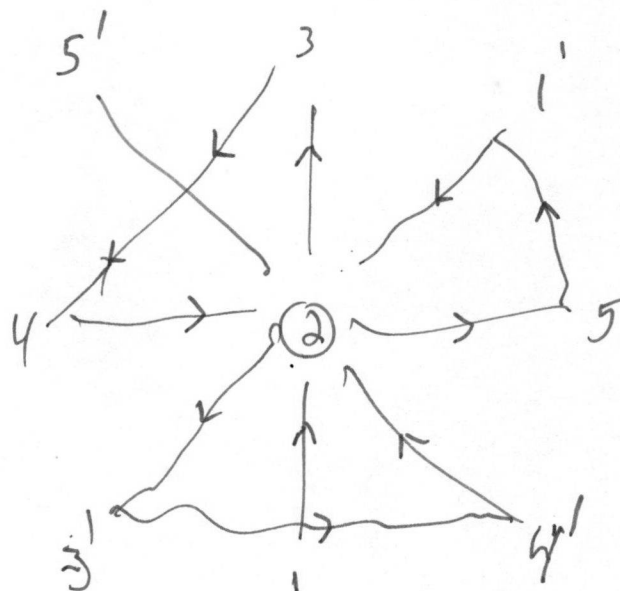
REMARKS

No Doppler radar on 42 RF

E. Proposed and Actual Flight Patterns



ACTUAL



DATE 8/25/83

FLIGHT 830825H1

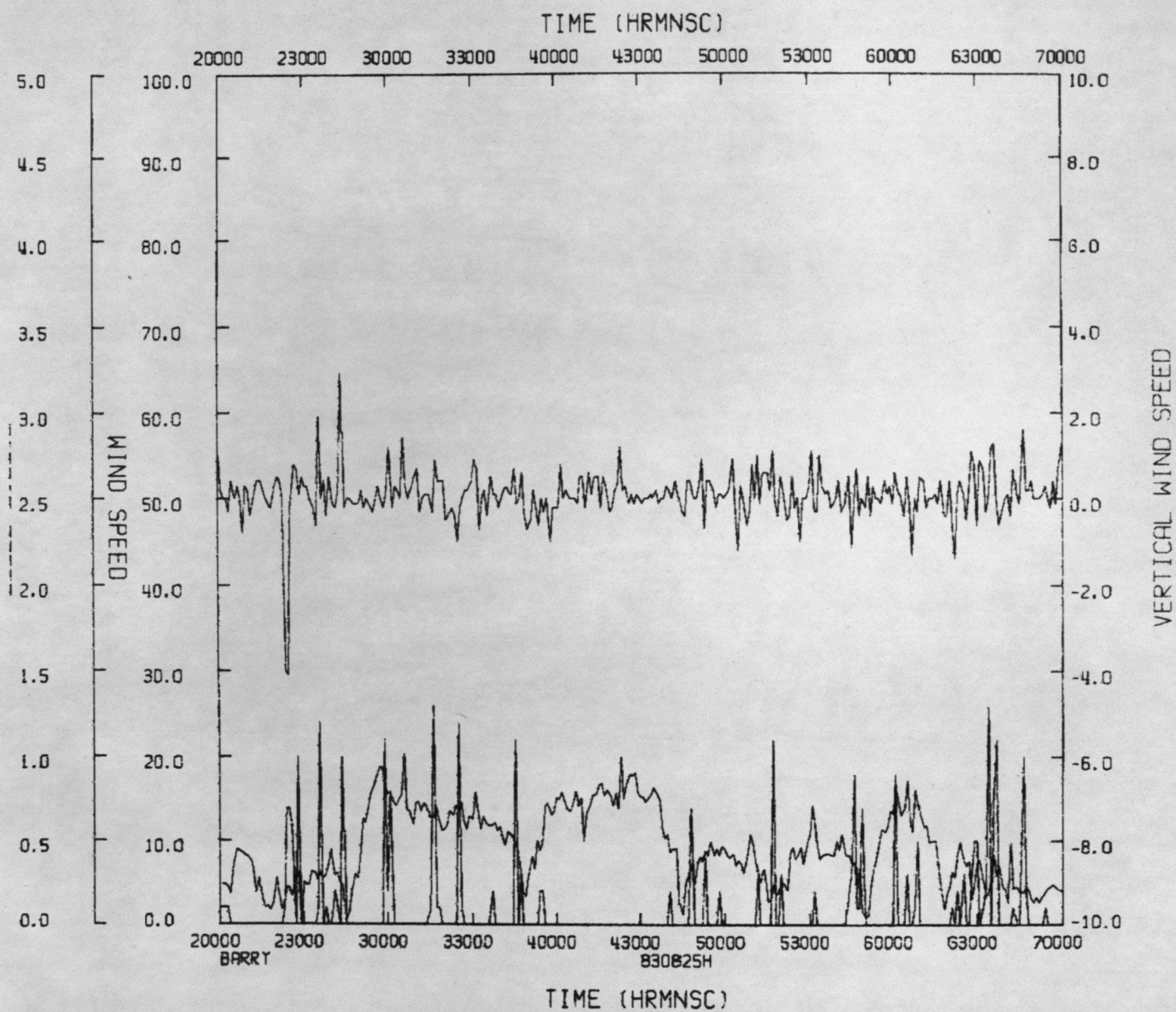
LPS JORGENSEN

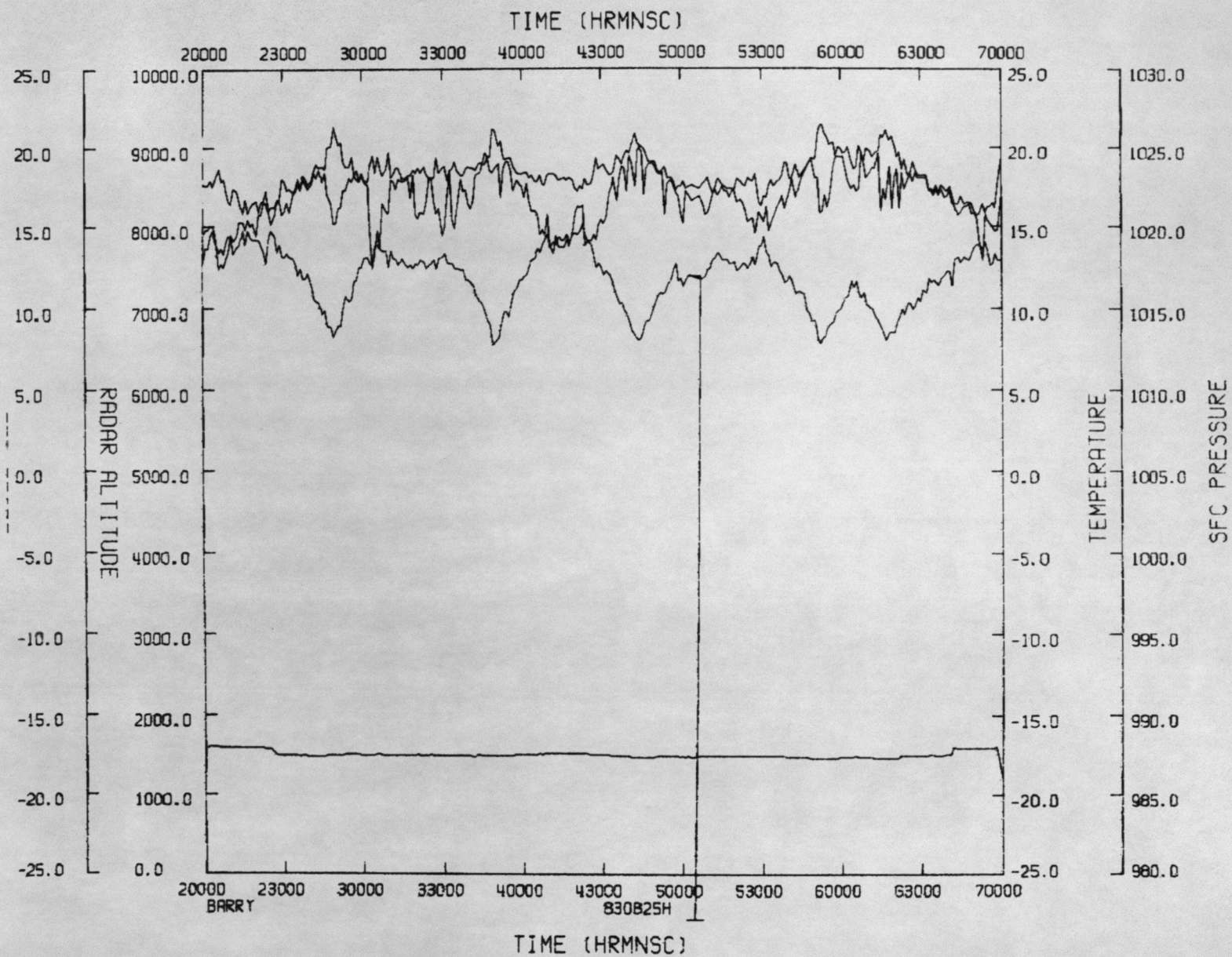
Lead Project Scientist Event Log

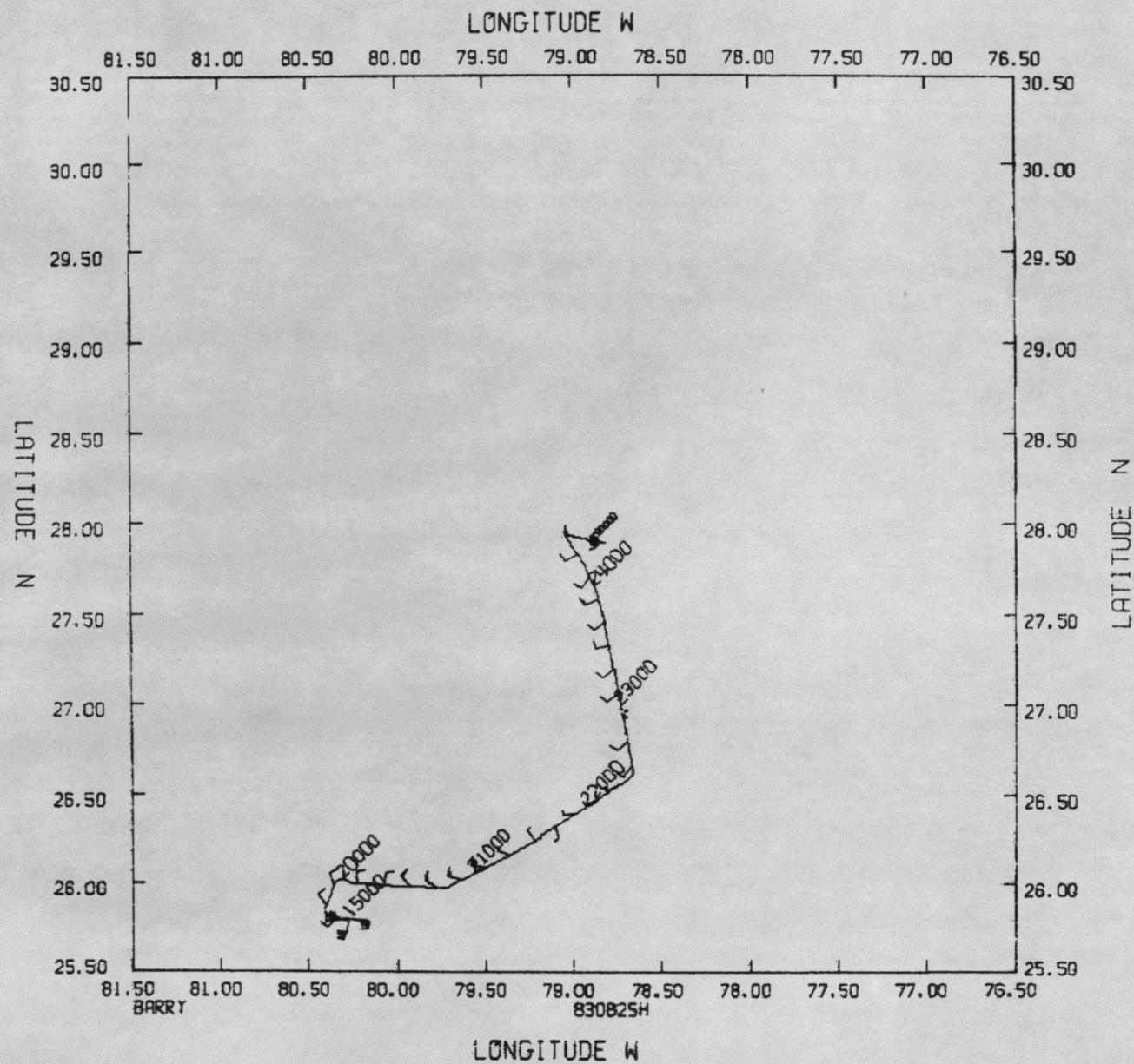
EVENT	TIME*	POSITION	COMMENTS**
1	022630	26.77 78.18	5 m s ⁻¹ west winds
2	024730	28.11 79.10	ill defined center
3	030610	29.34 79.18	Vmax ~ 20 m s ⁻¹ North
4	033045	28.12 80.60	
2	034910	28.1 79.32	
5	040920	28.11 77.89	
1'	042240	28.98 78.28	
2	044440	28.04 79.50	
3'	050300	27.19 80.44	
4'	053035	27.19 78.51	
2	0550	28.07 79.73	1012
5'	060440	28.66 80.48	
2		28.1 79.9	
1'	063132	27.5 79.9	

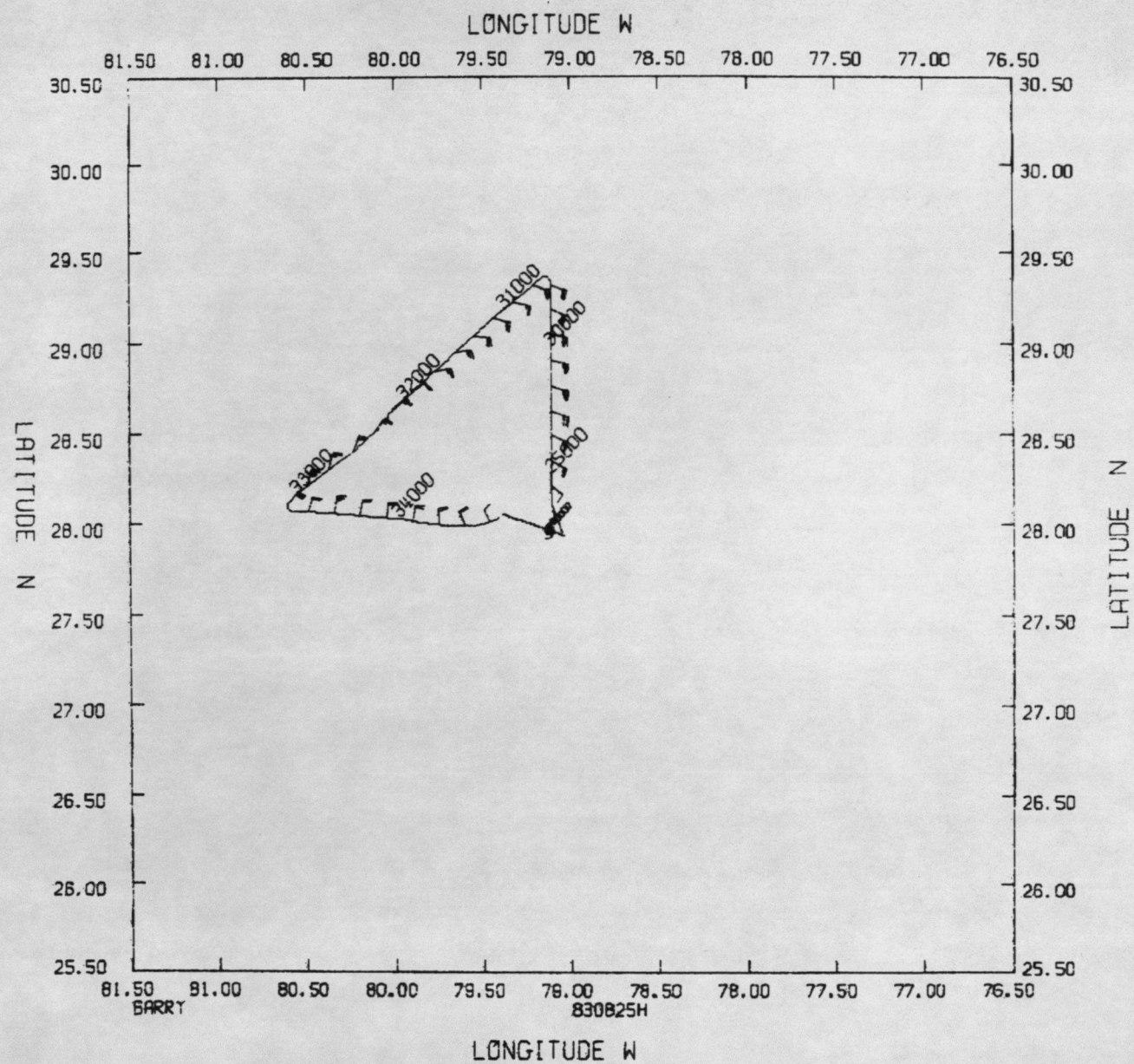
5 m s⁻¹
Vmax
80%
80%

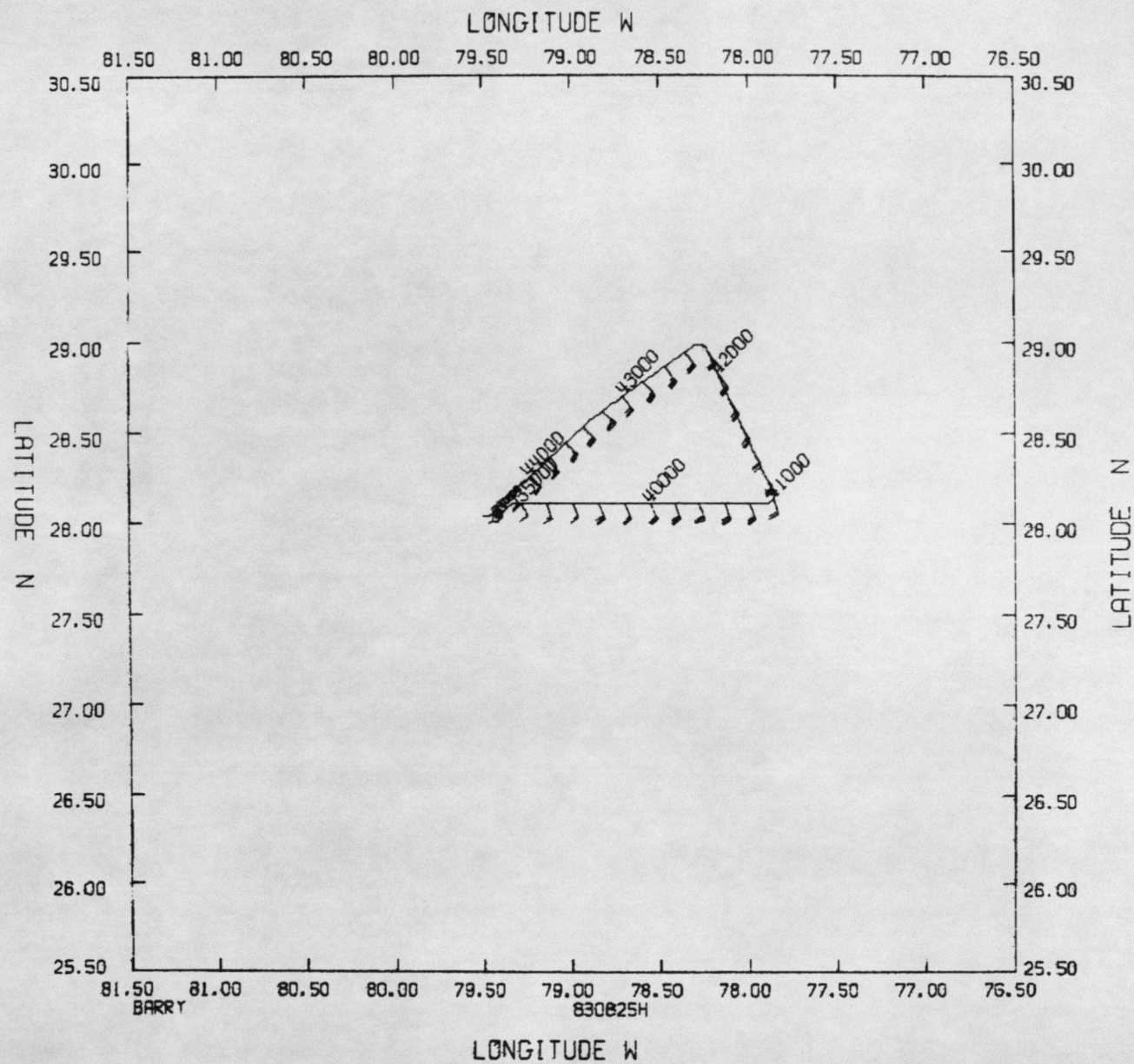
*Log times of all significant altitude changes, turns, and eye fixes
**New altitude, heading, center position, etc.

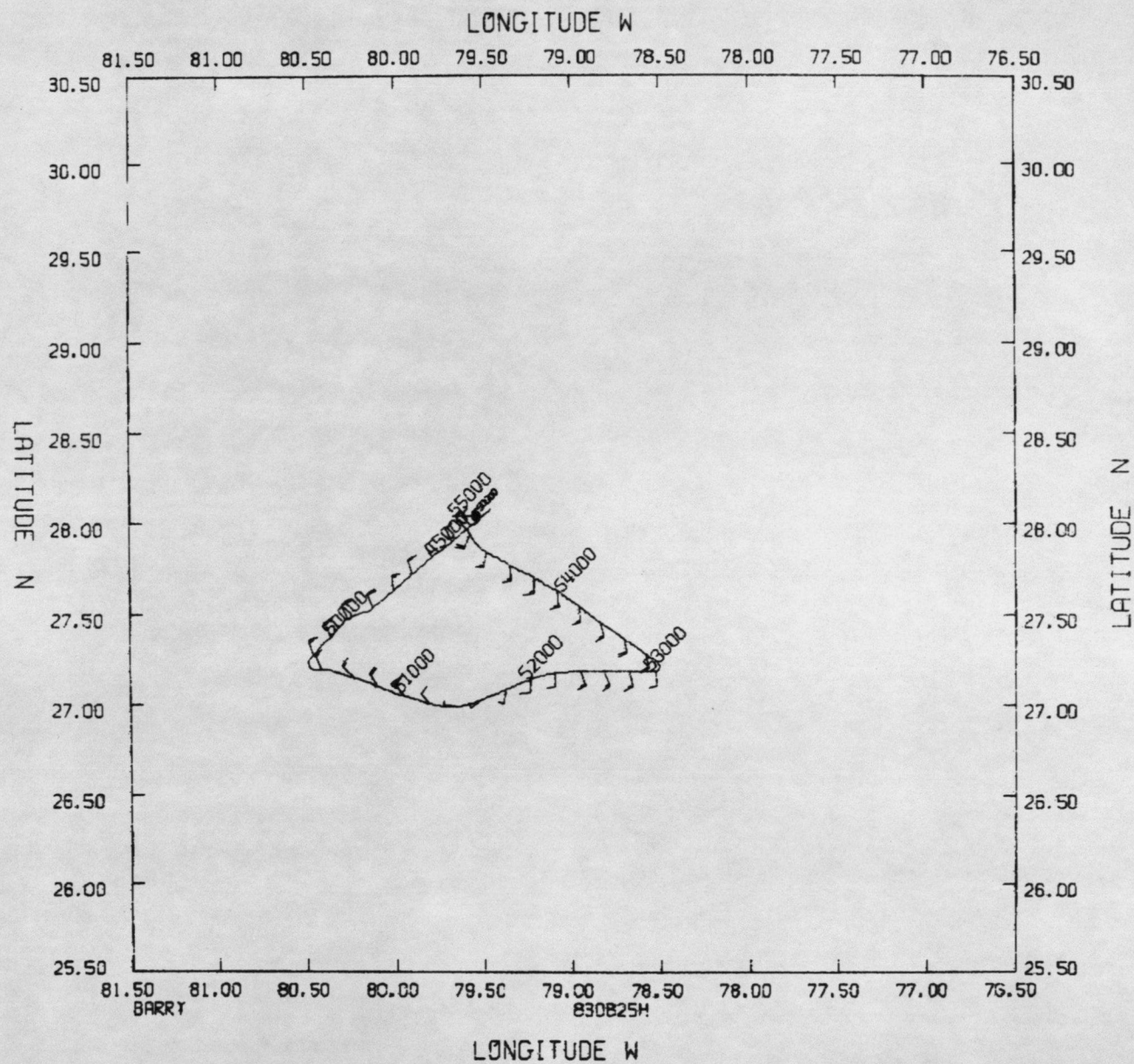


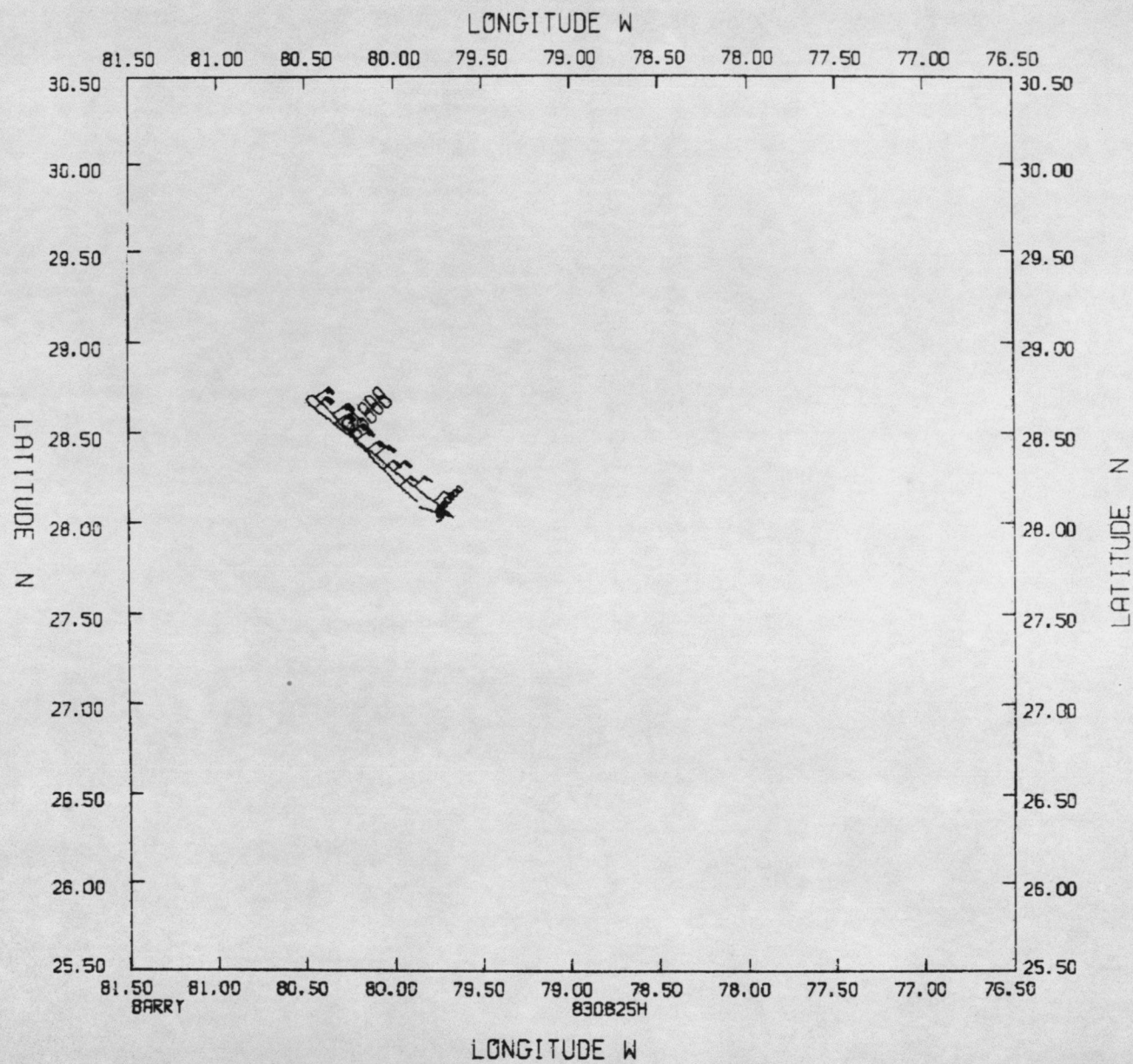


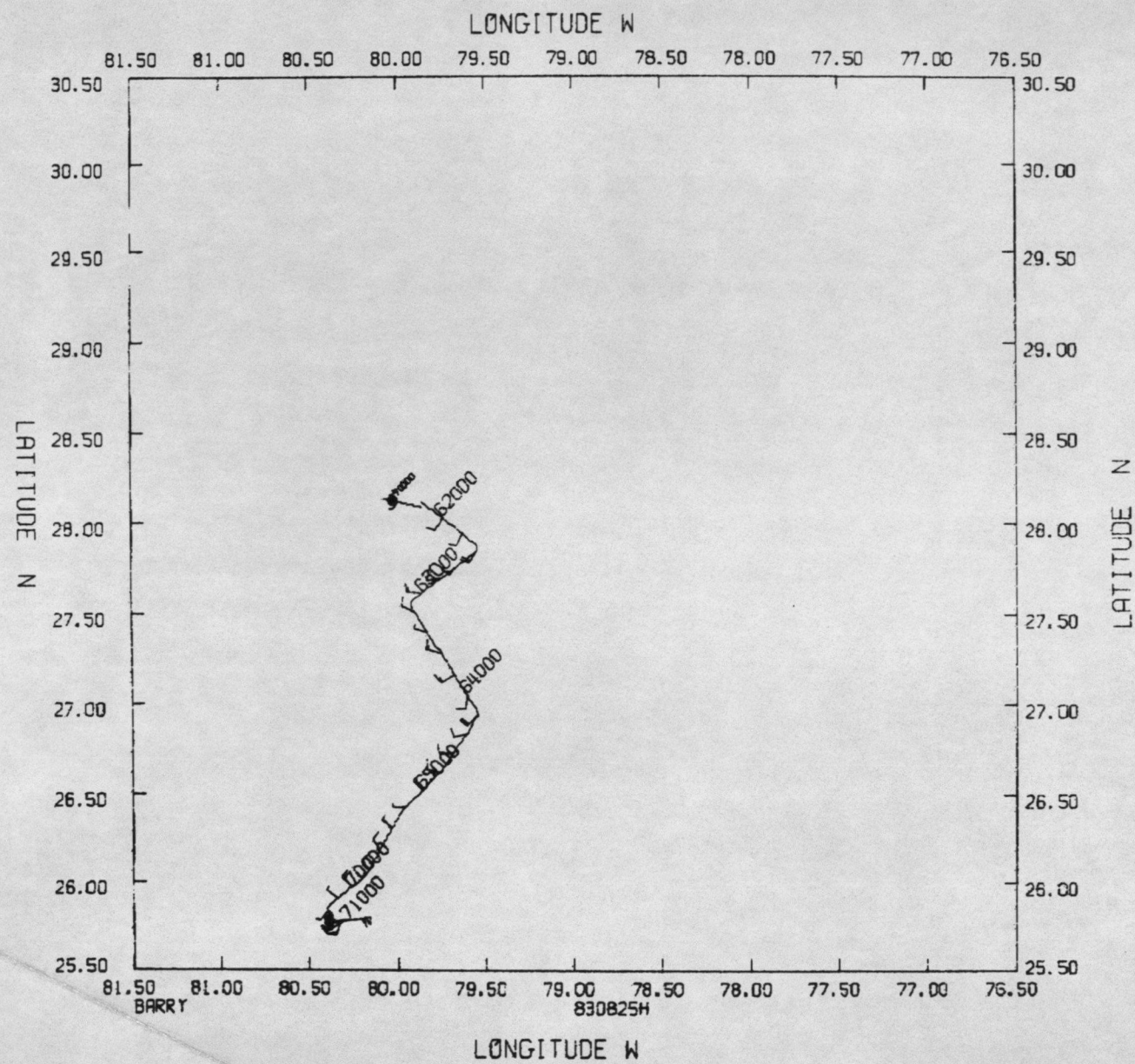












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