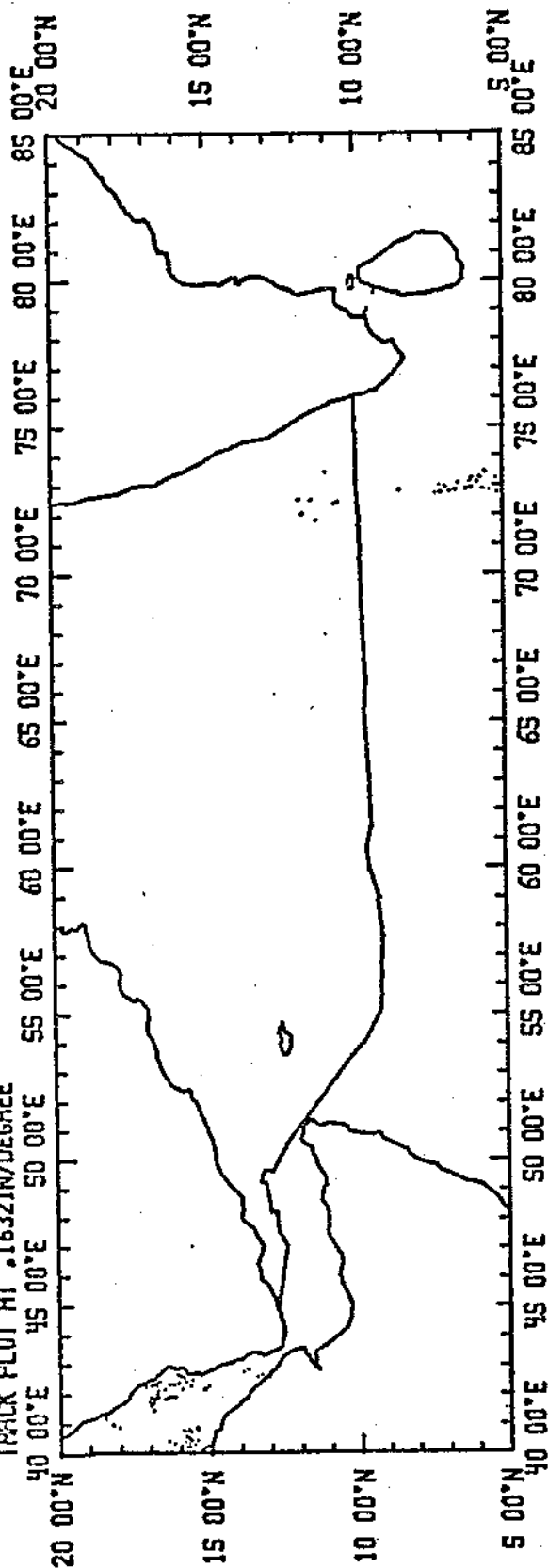


ZEPH09H0

TRACK PLOT AT 1.632IN/DEGREE



ZEPHYRUS EXPEDITION LEG 09

Chief Scientist: R. Von Herzen (SIO)
Ports: Aden, Yemen to Cochin, India
Dates: 20 - 29 September 1962
Ship: R/V Horizon

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise - 1980 miles
- 2) Bathymetry - 1952 miles
- 3) Magnetics - none collected

CRUISE ID	COMMENT	G.M.T.		LOCAL		
		DATE DD/MM/YY	TIME HHMM	DATE DD/MM/YY	TIME HHMM	TIME ZONE
ZEPH09HO	BEGIN	20/09/62	1145 Z	20/09/62	1445	-03.00
	CHANGE TO	23/09/62	0100 Z	23/09/62	0500	-04.00
	CHANGE TO	27/09/62	1700 Z	27/09/62	2200	-05.00
	END	29/09/62	0649 Z	29/09/62	1149	-05.00

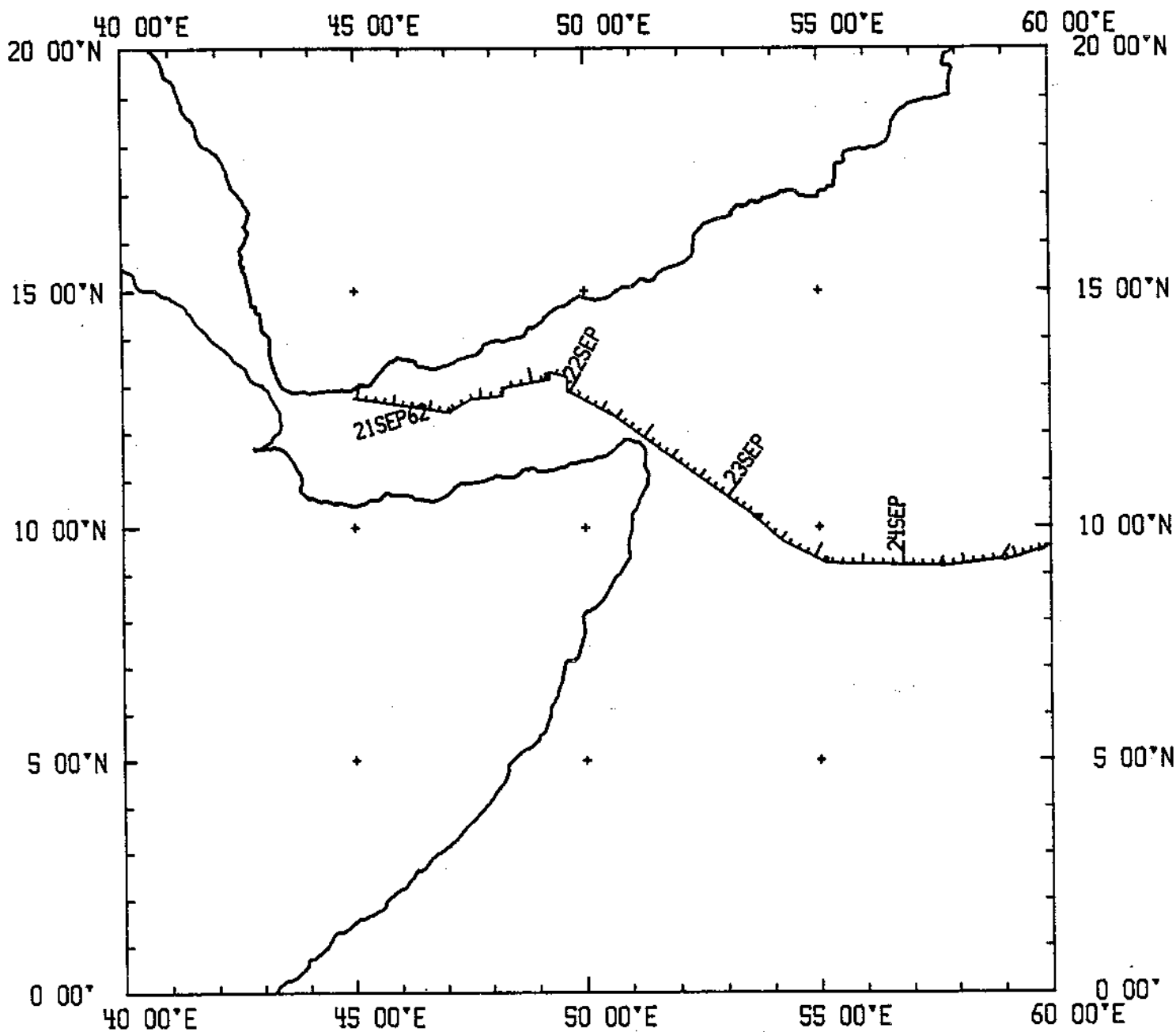
LISTING OF MGD77 EXCHANGE FORMAT HEADER:

#

1ZEPH09HOMGD77	102953111810618	SCRIPPS INSTITUTION OF OCEANOGRAPHY	01
USA	R/V HORIZON	1SHIP VONHERZEN R.	02
ZEPHYRUS LEG 9			03
620920ADEN, YEMEN		620929COCHIN, INDIA	04
CELESTIAL, MANUAL ENTRY GYRO SPEED		LINEAR INTERP. BETWEEN ADJACENT FIXES	05
12KHZ/PDR RECORDER/WIDE (60DEG) BEAM		ANALOGUE RECORDS, PUNCHED CARDS	06
SCRIPPS MFD PROTON PRECESSION (VACQUIER)		ANALOGUE RECORDS	07
			08
			09
A(I1,A8,F5.2,4I2,F5.3,F8.5,F9.5,I1,F6.4,F6.1,I2,I1,3F6.1,I1,F5.1,F6.0,F7.1,			10
F6.1,F5.1,A8,4I1)			11
0601SECONDSWEEP14630006 MINUTE INTERVAL			12
159999999999999			13
			14
			15
			16
			17
*TIME*NAV AND RECORDS ORIGINALLY IN LOCAL TZ. DIGITIZED DATA CONVERTED TO GMT.			18
			19
			20
			21
			22
			23
			24

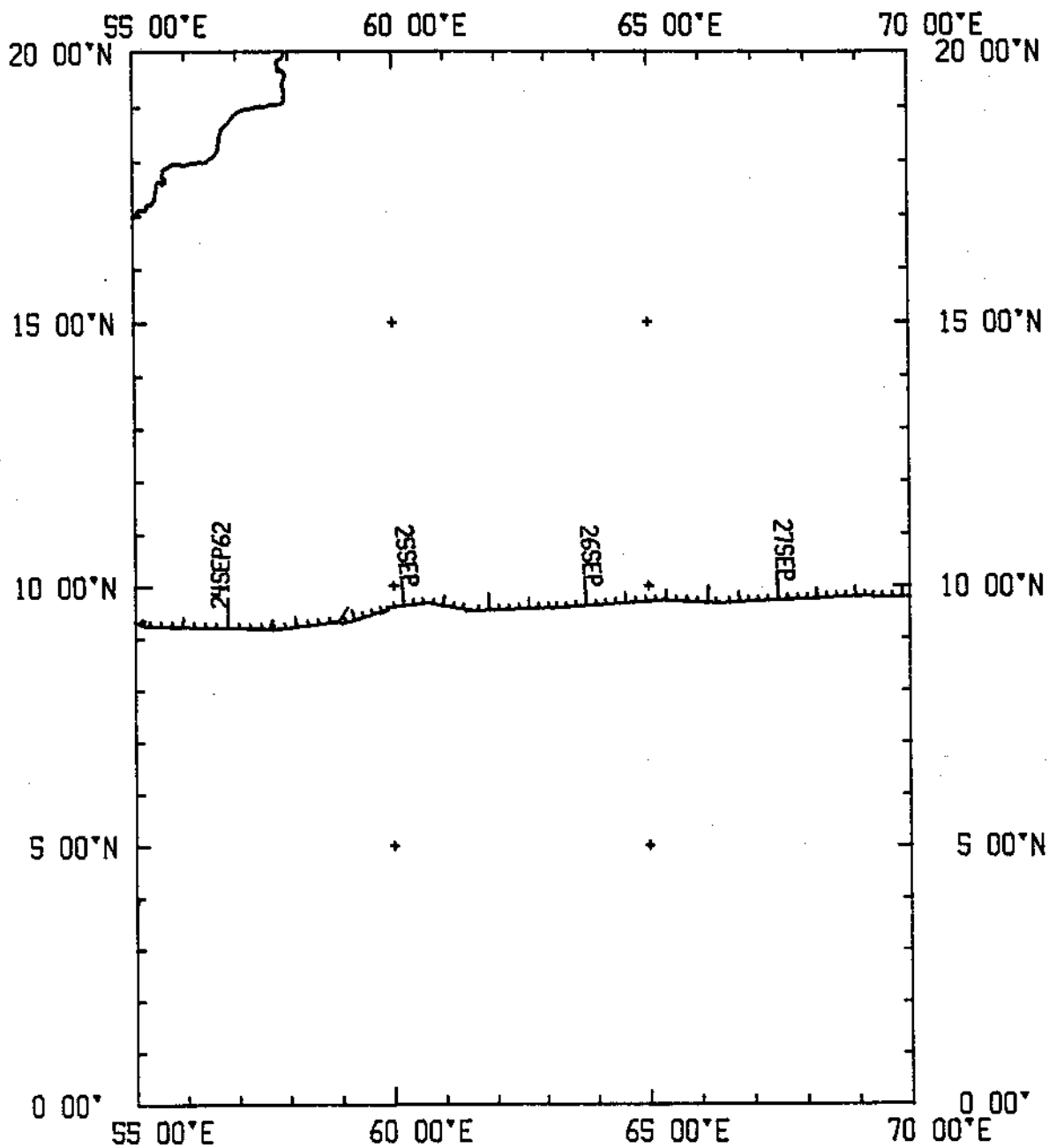
#

ZEPH09H0
PLOT 1 OF 3



ZEPH09H0

PLOT 2 OF 3



ZEPH09H0

PLOT 3 OF 3

