

R/V MAURICE EWING DATA TRANSMITTAL

CRUISE No. EW9308

PORT(Departure) Capetown

DATE 24 Oct. 1993

PORT(arrival) Capetown

DATE 11 Nov. 1993

CRUISE DESCRIPTION(operational profile)

EW9308 was a physical oceanography cruise which included mooring recovery, Inverted Echo Sounder deployment and recovery, CTD measurements and extensive XBT launches.

55 stations were logged including:

- 1 IES was deployed and recovered
- 6 out of 11 previously deployed IES were recovered(5 lost)
- 4 Current Moorings were recovered for Oregon State.
- 1 Short mooring was recovered for South African Fisheries Group
- 34 CTD casts were made
- 90 XBT's were taken

After a slow start, about 12 days of ADCP data was collected  
 Although not requested, the KSS30 gravimeter and Hydro-sweep were run throughout the cruise  
 Continuous 3.5KHz sonar bathymetry was collected

-----LINE SCAN RECORDERS-----

	Data Description	#	How Shipped	Shipped to
PROF. A				
PROF. B	3.5KHz Sonar	4 env.	air	Aitken
PROF. C				
PROF. D	IES reply to interrogation.		hand carry	IES group

-----CHART RECORDERS-----

Data Description	#	How Shipped	Shipped to
MAGNETOMETER	none		
WIRE TENSION	none		

-----PRINTERS/PLOTTERS-----

Data Description	#	How Shipped	Shipped to
HS SWATH	none		
HYDROSWEEP(P/P)	19 days	hand carry	OMA DP
NAVIGATION(R/T)			
Below records sent to OMA data processing(9307 and 9308)			
NAVIGATION(P/P)			
GPS DAILY(REC 1)			
GPS DAILY(REC 2)			
FURUNO(C&S)			
GRAVITY(Kss)			
GRAVITY(merged)			
CENTER BEAM(HS)			
CENTER BEAM(MERGED)			
CLOCK CALIBR.(a)			
CLOCK CALIBR.(b)			

----- LABORATORY LOGS -----

Data Description	#	How Shipped	Shipped to
LAB EVENT LOG	3 sheets	air	Aitken
MCS LINE LOG			
SCS TAPE LOG			
SONOBUOY LOGS			
5 MIN LOGS			
WATCH LOG			
Station Logs	55 sheets	air	Ideo Aitken
Station Logs	55 sheet	(copies to SA fisheries)	

----- BRIDGE LOGS -----

Data Description	#	How Shipped	Shipped to
DECK LOGS	1 env.	air	OMA(Aitken)
PLOTTING SHEETS	1 env	air	OMA(Aitken)
BAROGRAPH			
WEATHER REPORTS	1 env	air	OMA

----- ENGINE ROOM LOGS -----

Data Description	#	How Shipped	Shipped to
ENGINE LOGS			
COMPRESSOR LOGS			

----- DIGITAL DATA -----

Data Description	#	How Shipped	Shipped to
8mm(ctg.)			
IBM3480(ctg.)			
Nine Track			
4 mm ctg.			

Exabyte logger tapes hand-carried by Budhy

PHYSICAL SAMPLES

----- CORES & DREDGES -----

Data Description	#	How Shipped	Shipped to
PISTON(WHOI Jumbo)			
GRAVITY			
BOX	none		
DREDGE BOXES	none		

----- WATER SAMPLES -----

Data Description	#	How Shipped	Shipped to
PCO2(water)			
PCO2(air)			
SALINITY			
TOTAL CO2			
Data Disks	2	hand-carry-Budhy	Ideo goddard

----- OTHER -----

Data Description	#	How Shipped	Shipped to
CTD Casts	34	+rosette	retained by SA Fisheries
HydroCasts			
XBT	90		Ideo, Anthony Martino