

Date: Sat, 2 Oct 93 18:46:32 GMT
 From: sci@ewing.ldgo.columbia.edu (Science Officer)
 To: aitken@lamont.ldgo.columbia.edu
 Subject: Data inv. EW9306
 Cc: rawson,stennett, mercy; all at lamont.ldgo.columbia.edu

R/V MAURICE EWING DATA TRANSMITTAL

CRUISE No. EW9306
 PORT(Departure) Rio de Janeiro, Brazil DATE 23 Aug 1993
 PORT(arrival) Rio de Janeiro, Brazil DATE 03 Oct 1993
 CRUISE DESCRIPTION (operational profile)

This cruise was a mooring deployment off the Eastern coast of Brazil. A series of 10 deep mooring were deployed as part of the Deep Basin Experiment of which Dr. Weatherly and FSU are cooperative members. Initially it was thought that only 1 mooring was in Brazilian waters, but further checking showed 7 of the ten deployments in Brazilian waters. Due to the many problems with obtaining clearance from the Brazilian government to conduct the science for this cruise, data unrelated to the proposed science was not collected. Data was logged continuously from the Furuno speed log, GPS receiver and Transit Sat only. When near the mooring site the 3.5 recorder was turned on to check the water depth, and this was confirmed also with the Hydrosweep. Logging of the HS was turned off, and only the display console was used to verify the depth on site. One roll of 3.5 data was generated. In addition CTD data was collected on the first 6 sites, but only produced usable data on sites 7,6, and five. Data collection from the CTD was disallowed on Day 272, and resulted in all CTD data being destroyed. In addition, 10 "RAFOS" floats from WHOI were deployed at the mooring sites. Data from the ADCP was collected ONLY in international waters, and one copy was given to a Brazilian scientist Luis Nonato from the U of Sao Paulo. A copy of the data was also archived onboard.

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

Data Description	#	How Shipped	Shipped to
PROF. A SCS,40-150Hz,5-sec.	none		
PROF. B 3.5KHz Sonar	1 roll	hand	FSU/Weatherly
PROF. C SCS,40-200Hz,5-sec	none		
PROF. D 12 khz Pinger	1 roll	hand	FSU/Weatherly

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

Data Description	#	How Shipped	Shipped to
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MAGNETOMETER

none

WIRE TENSION

none

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

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

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

Data Description #	How Shipped	Shipped to
LAB EVENT LOG	7	(copies to ship) air Lamont/OMA
MCS LINE LOG	none	
SCS TAPE LOG	none	
SONOBUOY LOGS	none	
5 MIN LOGS	none	
WATCH LOG	none	
HS MAINT LOGS		

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

Data Description #	How Shipped	Shipped to
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DECK LOGS lenv air OMA

PIT LOGS

BAROGRAPH

INMARSAT LOG

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

Data Description #	How Shipped	Shipped to
ENGINE LOGS	Air	LDGO/OMA
COMPRESSOR LOGS		

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

RECORDING MEDIA

Data Description	#	How Shipped	Shipped to
8mm(ctg.)			
IBM3480(ctg.)	SCS	none	
Nine Track-Hydrosweep	Raw	none	
4 mm ctg.			

PHYSICAL SAMPLES

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

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

DREDGE BOXES

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

Data Description #	How Shipped	Shipped to
PCO2(water)	none	Data from EW9305 remained on board
PCO2(air)	none	
SALINITY	none	
TOTAL CO2	none	
Data Disks	none	

CTD Casts	6	Data destroyed as per Brazilian Observer
HydroCasts	none	
