



Cruise: PIQR05WT

Begin date (dd/mm/yyyy): 14/03/1969 End date: 17/04/1969

Data collected (# points): twt: 1826 tcor: 1826 mtot: 4355 manm: 4355

File: PIQR05WT.gmt

Cruise level information

cruise-id::PIQR05WT
cruise-name::PIQUIERO LEG 5
cruise-narrative::Plankton and water sampling, measurements of temperature and salinity, fish survey off the coast of Peru.
science-themes::Biological Oceanography, Chemical Oceanography
scientific-party-equipment::CTD, plankton net

cruise-start-date::1969-03-14
cruise-start-port::CALLAO,PERU
latitude-start::-12.07039
longitude-start::282.54769
cruise-end-date::1969-04-17
cruise-end-port::CALLAO,PERU
latitude-end::-12.21059
longitude-end::281.96399

latitude-minimum::-27.03750
longitude-minimum::249.35341
latitude-maximum::-8.95160
longitude-maximum::282.54769

data-corrected-for-ship-draft::YES
data-corrected-for-tides::NO
data-types::depth_sec magnetic_field magnetic_anomaly

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THOMAS WASHINGTON 12/9/68 - 9/9/68; PIQUERO Expedition; Leg V, Callao-Callao; Dr. Brinton; ETA Easter Island 4/1, depart 4/4. Arrive Callao 4/17. Message on 3/27: "Westward course along 15 degrees south intercepted the faunistic zone of our interest at 107 degrees west. We worked northward across it into equatorial waters and are on a southerly crossing to the west. Most properties grade gradually north-south, but areas of species dominance are distinct. Equatorial boundary popping with life, but we are now in a pale blue desert. Nets and personnel congenial and efficient."

THOMAS WASHINGTON 12/9/68-9/9/68; PIQUERO Expedition; Leg V; Dr. Brinton. Message 4/10/69: "We are comparing the inhabitants of the barren water south of 20 S with those living at the edge of the tropics, this is with a view to understanding the acute distinction between these zones. Sampling of the plankton continues well. We expect to finish the grid tomorrow."

MGD77 file information			
4PIQR05WTMGD77	5511120030711	SCRIPPS INSTITUTION OF OCEANOGRAPHY	01
USA	R/V THOMAS WASHINGTON	SHIP BRINTON E.	02
PIQUIERO LEG 5			03
19690314CALLAO,PERU	19690417CALLAO,PERU		04
SATNAV,AUTOLOG GYRO + EMLOG		LINEAR INTERP.BETWEEN ADJACENT FIXES	05
12KHZ/GIFFT RECORDER/WIDE(60DEG)BEAM		ANALOGUE RECORDS,PUNCHED CARDS	06
VARIAN MFD PROTON PRECESSION MOD 4970		ANAL.RECORDS,CARDS	07
			08
			09
A(I1,A8,I3,I4,3I2,F5.3,F8.5,F9.5,I1,F6.4,F6.1,I2,I1,3F6.1,I1,F5.1,F6.0,			10
F7.1,F6.1,F5.1,A5,A6,I1)			11
1501SECONDSWEEP14630005 MINUTE INTERVAL			12
06006	03IGRF 1965	LIN.INTERP.AT 30DEG C/C OR 500MI ALONG TRACK	13
			14
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