



Cruise: ARES05WT

Begin date (dd/mm/yyyy): 06/05/1971 End date: 06/06/1971

Data collected (# points): twtt: 8095 tcor: 8095 mtot: 6520 manm: 6520

File: ARES05WT.gmt

Cruise level information

cruise-id::ARES05WT
cruise-name::ARIES LEG 5
cruise-narrative::Site survey for Deep Sea Drilling
science-themes::Geological Oceanography
scientific-party-equipment::

cruise-start-date::1971-05-06
cruise-start-port::HONOLULU,HAWAII
latitude-start::21.2255
longitude-start::201.8712
cruise-end-date::1971-06-06
cruise-end-port::TOKYO,JAPAN
latitude-end::34.7653
longitude-end::139.93799

latitude-minimum::16.95390
longitude-minimum::139.93799
latitude-maximum::34.80160
longitude-maximum::201.87120

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

pi-city-state-zip::La Jolla, CA 92093-0220
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pi-title::contact Ex-Officio PI

SIO Log weekly reports
Aries Expedition Leg 05

THOMAS WASHINGTON - ARIES Expedition. In port, Tokyo, June 7-12. Dr. Bruce Taft, ORD/SIO.

THOMAS WASHINGTON - ARIES Expedition. DTG 040100Z - Position 34 N, 145 E. This past week eight dredge hauls completed on 4 guyots, one fracture zone. Guyots all yielded cretaceous invertebrate fossils. Sea mount magnetic survey one gave cretaceous pole consistent with other dated seamounts. Obtained two heat flow thermograde stations in deep basin. Completed one DSDP site survey. Plan for remaining time: One seamount magnetic survey and dredging of two seamounts. In port Tokyo 6/7/71.

Heezen/Matthew

MGD77 file information			
4ARES05WTMGD77	5511320030627	SCRIPPS INSTITUTION OF OCEANOGRAPHY	01
USA	R/V THOMAS WASHINGTON	SHIP HEEZEN B.C., MATTHEWS J.L.	02
ARIES LEG 5			03
19710506	HONOLULU, HAWAII	19710606	TOKYO, JAPAN
			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
40CU. IN. AIRGUN, 10-300HZ, PDR MK 10 REC.		ANAL. RECORDS, 35MM MICROFILM	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, F7.1, F6.1, F5.1, A5, A6, I1)			10
			11
0501SECONDSWEEP14630005	MINUTE	INTERVAL	12
05006	03IGRF 1965	LIN. INTERP. AT 30DEG C/C OR 500MI ALONG TRACK	13
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