



**Cruise: CIRC08AR**

Begin date (dd/mm/yyyy): 12/10/1968 End date: 05/11/1968

Data collected (# points): twtt: 6340 tcor: 6340 mtot: 3100 manm: 3100

File: CIRC08AR.gmt

-----  
Cruise level information  
-----

cruise-id::CIRC08AR  
cruise-name::CIRCE LEG 8  
cruise-narrative:: Geology and geochemisty studiesfrom Marquesas to Angola  
science-themes::Geological Oceanography, Chemical Oceanography  
scientific-party-equipment::  
-----

cruise-start-date::1968-10-09  
cruise-start-port::LOURENCO, MARQUES  
latitude-start::-33.50229  
longitude-start::29.2388  
cruise-end-date::1968-11-05  
cruise-end-port::LUANDA, ANGOLA  
latitude-end::-8.83689  
longitude-end::13.081  
-----

latitude-minimum::-35.26290  
longitude-minimum::5.07499  
latitude-maximum::-8.83690  
longitude-maximum::29.23880  
-----

data-corrected-for-ship-draft::YES  
data-corrected-for-tides::NO  
data-types::depth\_sec magnetic\_field magnetic\_anomaly subbottom\_3.5 seismic\_reflection  
-----

pi-city-state-zip::Cambridge, CB2 3EQ, United Kingdom  
pi-email::Downing Street  
pi-fax:: +44 (0) 1223 333 440  
pi-institution::Department of Earth Sciences, Cambridge University  
pi-name::Van-Andel, Tjeerd (Jerry) H.  
pi-phone:: +44 (0) 1223 333 440  
pi-street-address::Downing Street  
pi-title:: Honorary Professor in Earth History, Quaternary Science and Geo-archaeology,  
Professor Emeritus at Stanford University  
-----

|   |                                      |  |  |    |
|---|--------------------------------------|--|--|----|
| MGD77 file information  |                                      |  |  |    |
| 4CIRC08ARMGD77  | 5513320030701                        | SCRIPPS INSTITUTION OF OCEANOGRAPHY          |  | 01 |
| USA   | R/V ARGO                             | 1SHIP VANANDEL T.                            |  | 02 |
| CIRCE LEG 8   |                                      |  |  | 03 |
| 19681009LOURENCO,MARQUES  | 19681105                             | LUANDA,ANGOLA                                |  | 04 |
| SATNAV,MANUAL ENTRY GYRO AND SPD CHANGES                                | LINEAR INTERP.BETWEEN ADJACENT FIXES |  |  | 05 |
| 3.5-12KHZ/GIFFT RECORDERS/WIDE 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.                                  | 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, |                                      |  |  | 10 |
| F7.1,F6.1,F5.1,A5,A6,I1)  |                                      |  |  | 11 |
| 0501SECONDSWEEP14630005 MINUTE INTERVAL                                 |                                      |  |  | 12 |
| 05006   | 03IGRF 1965                          | LIN.INTERP.AT 30DEG C/C OR 500MI ALONG TRACK |  | 13 |
|   |                                      |  |  | 14 |
|   |                                      |  |  | 15 |
|   |                                      |  |  | 16 |
|   |                                      |  |  | 17 |
|   |                                      |  |  | 18 |
|   |                                      |  |  | 19 |
|   |                                      |  |  | 20 |
|   |                                      |  |  | 21 |
|   |                                      |  |  | 22 |
|   |                                      |  |  | 23 |
|   |                                      |  |  | 24 |