

SEA FLOOR PHOTOGRAPHS

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U. S. Navy Electronics Laboratory
San Diego, California

Station 2 Cruise "Downwind" Vessel M/TAIRN Date 25 Oct 57
Geographical Area EAST PACIFIC
Major Topography Isolated SEA MOUNTS - BATA-CALIF. SEA MT. PROJ
Intermediate Topography SUBMERGED 50 FATHOM HILLS
Latitude 10° 25' N Longitude 130° 35' W
Depth 4712 M Photographer C. SHIPK
Photo No. K-1243 Total 1 Photo coverage _____
Target Distance _____ Scale _____

Description and Interpretation: _____

- (1) RADIOLARIAN OOZE
(2) MND NODULES

SEA FLOOR PHOTOGRAPHS

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Station 9 Cruise "Downwind" Vessel 141 BAIRD Date 23 Nov 57
Geographical Area EAST PACIFIC
Major Topography AUSTRAL RIDGE
Intermediate Topography A FLAT SURFACE SEAMOUNT
Latitude 25° 57' S Longitude 146° 21' W
Depth 1320 M Photographer SHIRER - NEWTON
Photo No. K-1244-K1245 Total 2 Photo Coverage _____
Target Distance _____ Scale _____

Description and Interpretation: Summation of photos show:
(1) SAND
(2) NODULES

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Station 8 Cruise "Downwind" Vessel USCNSC ⁴⁵ Beird Date 21 Nov. 57
Geographical Area South of Tuamotu Ridge
Major Topography Deep Sea Basin
Intermediate Topography Flat - smooth
Latitude 21° 37' S Longitude 147° 40' W
Depth 4684 M Photographer Shipper Silverman
Newton

Photo No. K-1248 Total 1 Photo Coverage _____
Target Distance 8 ft Target Distance in water Scale _____

Description and Interpretation: _____
(1) chocolate red clay
(2) MnO nodules

MK III B - camera (35 mm)

8 ft in water

30 mm F.L.

24 x 24 mm FORMAT

Axis of camera 60° from horizontal

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Station 5 Cruise "DOWNWIND" Vessel M/V BAIRD Date 10 NOV 57
 Geographical Area EAST PACIFIC
 Major Topography TUAMOTU RIDGE
 Intermediate Topography BASIN
 Latitude 18° 31' S Longitude 141° 23.5' W
 Depth 4080 M Photographer SHIPEK - SILVERMAN
 Photo No. K1250 - K1251 Total 2 Photo Coverage _____
 Target Distance _____ Scale _____

Description and Interpretation: SUMMATION OF PHOTOS SHOW:
(1) white - brown clay
(2) BENTHIC FAUNA
(3) MORULES MRO (?)

SEA FLOOR PHOTOGRAPHS

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Station 11 Cruise "Downwind" Vessel U.S.S. Baird Date 7 Dec 56⁵¹
 Geographical Area EAST PACIFIC
 Major Topography S.W. PACIFIC BASIN
 Intermediate Topography SMOOTH
 Latitude 42° 30' S Longitude 125° 32' W
 Depth 4560 M Photographer Shiper - Silverman
 Photo No. K-1252 Total 1 Photo Coverage _____
 Target Distance _____ Scale _____

Description and Interpretation:

- (1) tube, trails, mounds
- (2) rock slabs

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Station 10 Cruise Down wind Vessel M/V Baird Date 26 Nov 57
Geographical Area EAST PACIFIC
Major Topography SOUTH WESTERN PACIFIC BASIN
Intermediate Topography Subdived - 50 fathom hills
Latitude 32° 08' S Longitude 140° 30' W
Depth 4754 M Photographer Shipen & Silverman
Photo No. K-1253 Total 1 Photo coverage _____
Target Distance _____ Scale _____

Description and Interpretation:

- (1) Chocolate red clay
- (2) pits
- (3) MnO (?) nodules