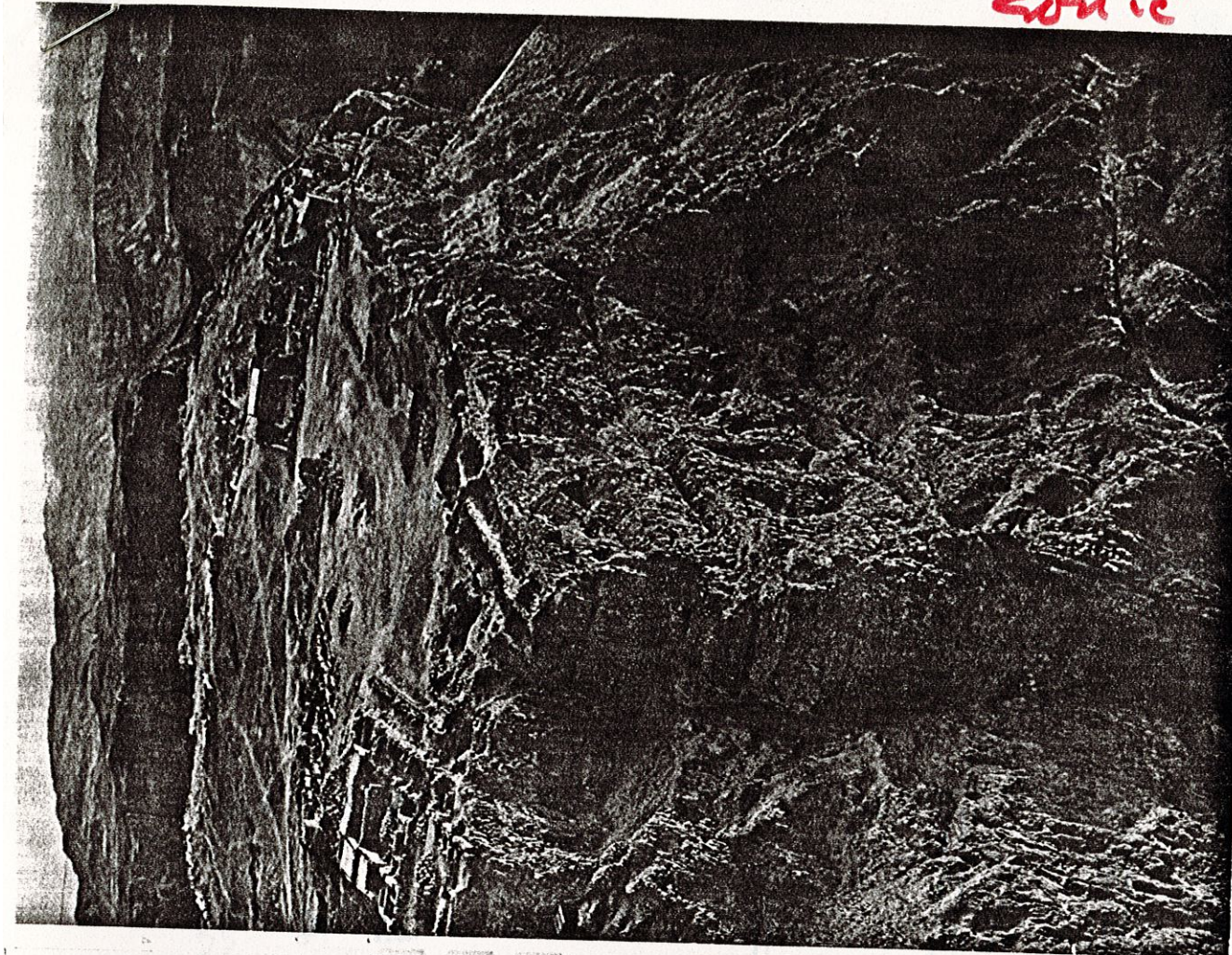


50110'



Shiplike fortress of Masada rides at eternal anchor above the Dead Sea. Here,



in A.D. 73, Jewish Zealots committed mass suicide rather than submit to Rome.

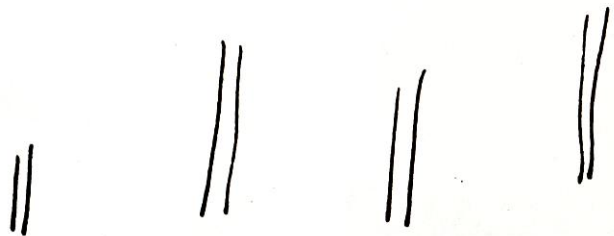
4 March 80
Jugo Swami

9.38

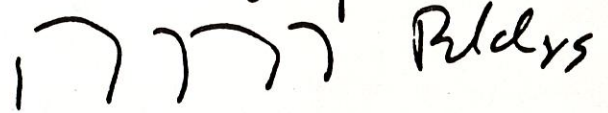
31° 19' N

31° 19' N
35° 21' E

31° 19' N
35° 21' E



refinery
and fields



31° 19' N
35° 21' E



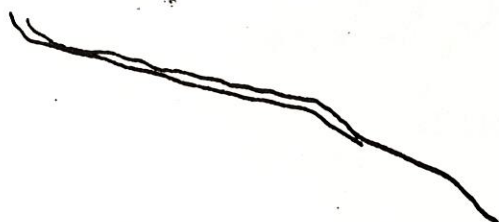
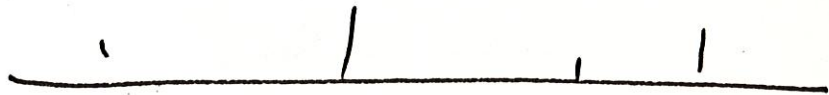
4 March 90

9:38

(2)

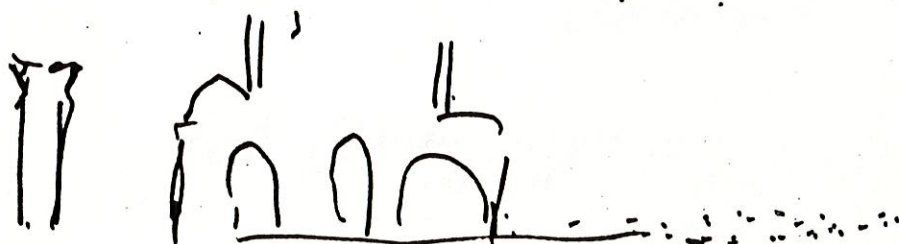
31° 19' N

35° 21' E



marshes...

buildings or refineries



city

Port Constantinople

4 March 50

9.34

(3)

31° 19' N

35° 21' E

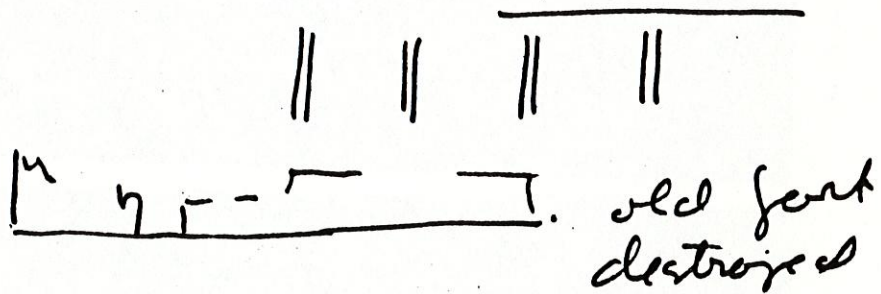
Tents —

Arabic —

Market place.

— docks —?

part of it looks ruined



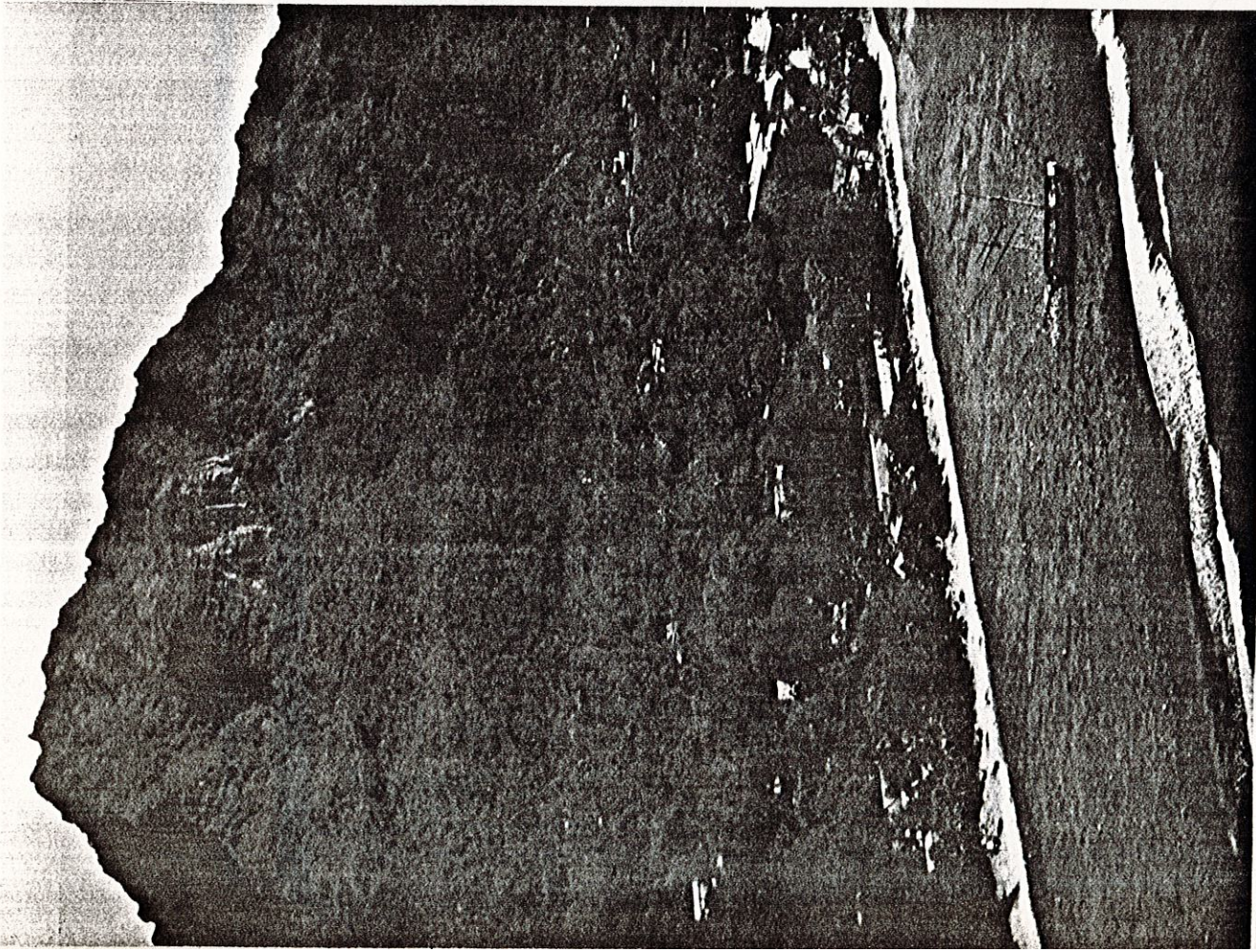
Fort Omayyad -

Vincuanantara

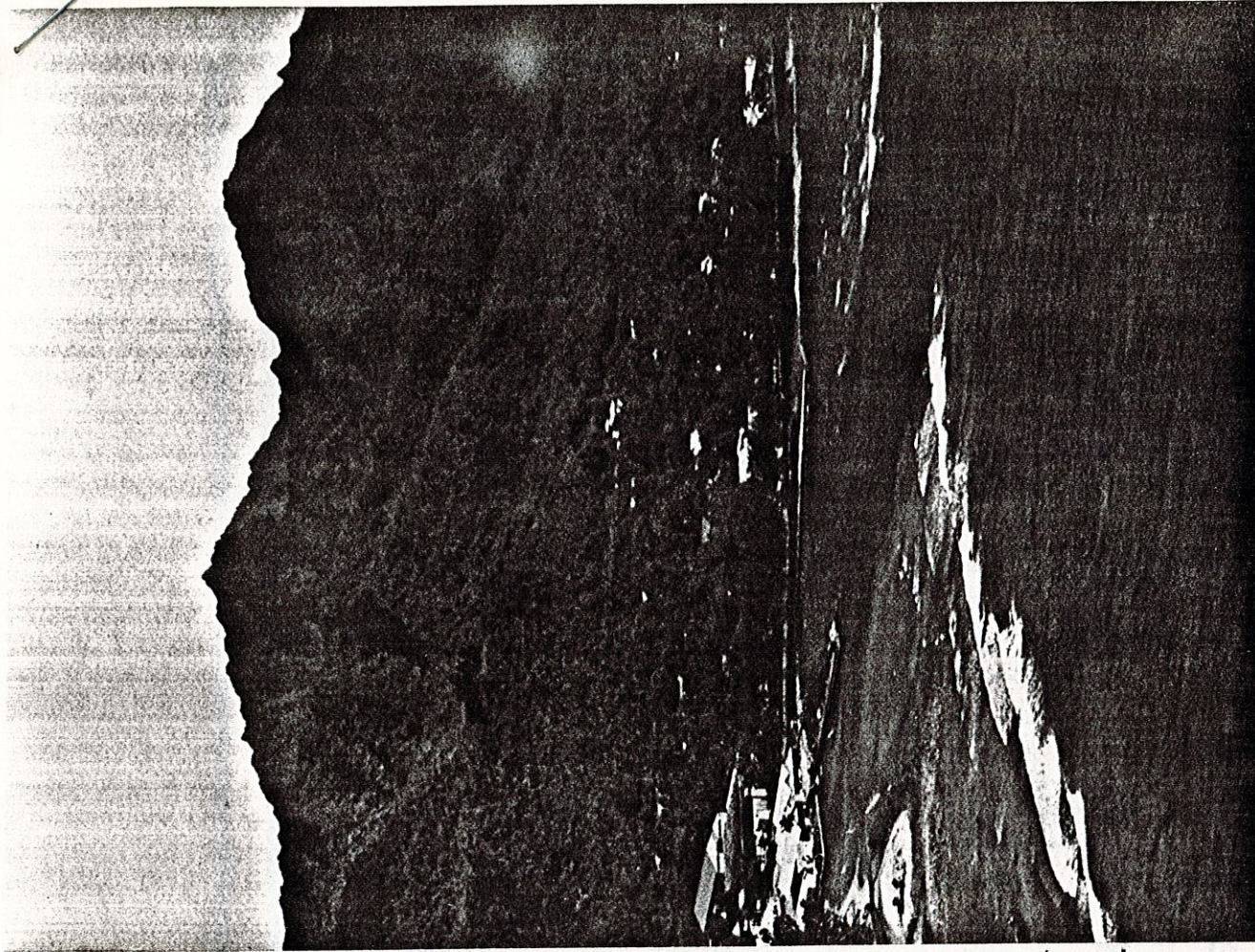
End.

Fort Mazada

CLASS B
MUSADA



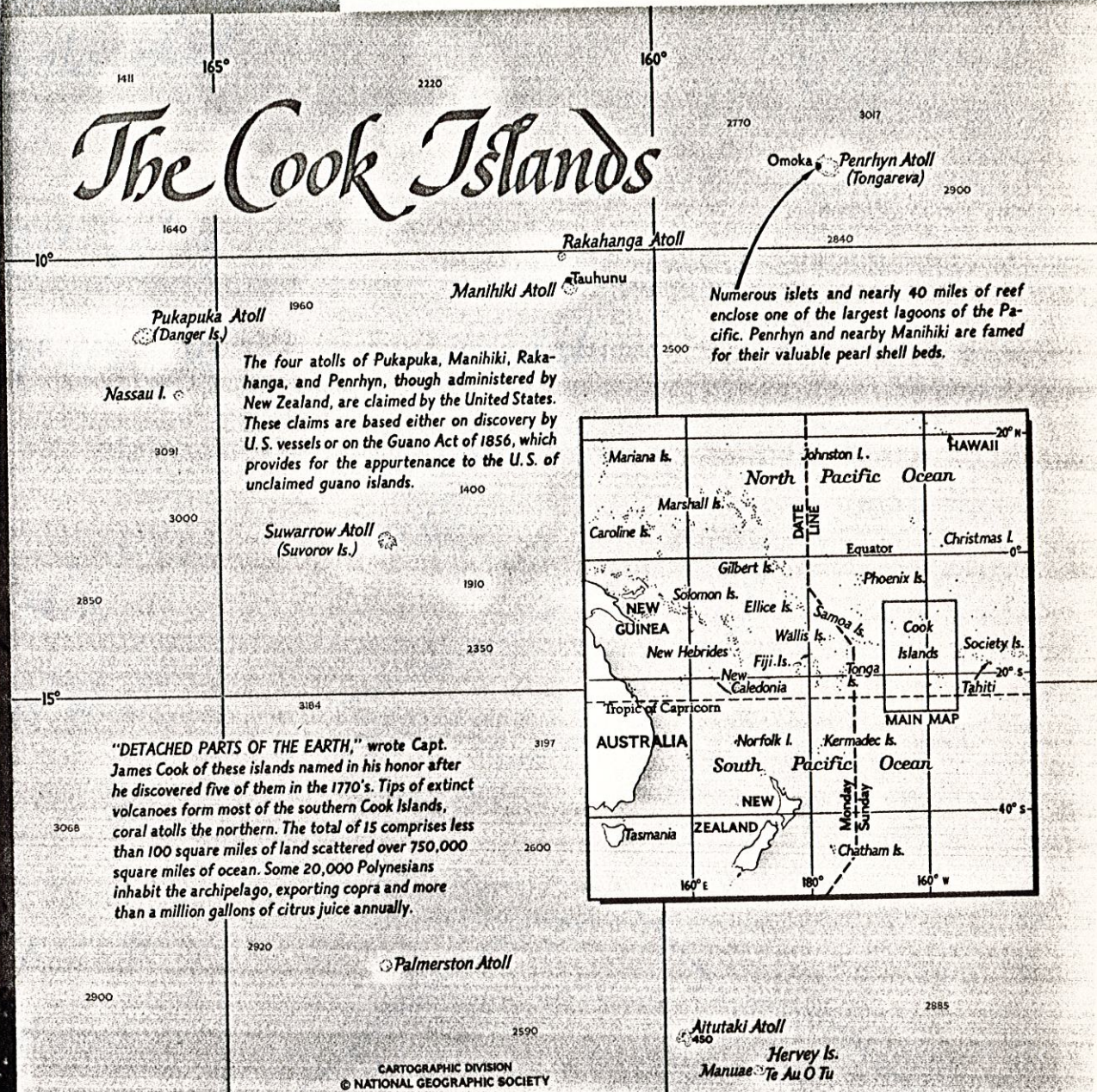
Proud peaks mantled in green and a strand of pearling surf beckon the seafarer to Karotonga. According to island tradition, mutineer Fletcher Christian and his commander *Bounty* stopped briefly here in 1789 to trade, perhaps leaving Karotonga's first



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orange seeds. Like a ghost from the golden age of sail, the brigantine *Yankee* lies in the clutch of coral off Avarua, the islands' seat of government. Former sailing home of GEOGRAPHIC author Irving Johnson, *Yankee* under new owners swept to disaster in a 1964 gale.

The Cook Islands

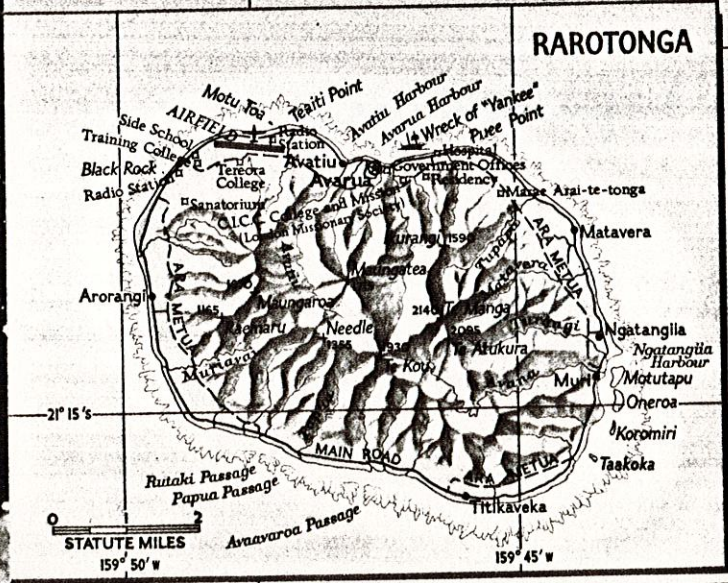


The four atolls of Pukapuka, Manihiki, Rakahanga, and Penrhyn, though administered by New Zealand, are claimed by the United States. These claims are based either on discovery by U. S. vessels or on the Guano Act of 1856, which provides for the appurtenance to the U. S. of unclaimed guano islands.

Numerous islets and nearly 40 miles of reef enclose one of the largest lagoons of the Pacific. Penrhyn and nearby Manihiki are famed for their valuable pearl shell beds.

"DETACHED PARTS OF THE EARTH," wrote Capt. James Cook of these islands named in his honor after he discovered five of them in the 1770's. Tips of extinct volcanoes form most of the southern Cook Islands, coral atolls the northern. The total of 15 comprises less than 100 square miles of land scattered over 750,000 square miles of ocean. Some 20,000 Polynesians inhabit the archipelago, exporting copra and more than a million gallons of citrus juice annually.

CARTOGRAPHIC DIVISION
© NATIONAL GEOGRAPHIC SOCIETY



Aitutaki Atoll
450
Hervey Is.
Manuae Te Au O Tu
2384
Takutea I. Atiu I. 384
Mittaro I. 1977
Mauke I.

Rarotonga I.
554
Mangala I.
Rarotonga, administrative center and largest of the Cook Islands, supports nearly half their population. Sections of Polynesia's oldest highway, coral-paved Ara Metua, still survive here. The "Old Road" circled the island a thousand years ago.

0 100 200
STATUTE MILES
Elevations in Feet Soundings in Fathoms
Coral Reef

Intellectually inclement.
Headache - diet.

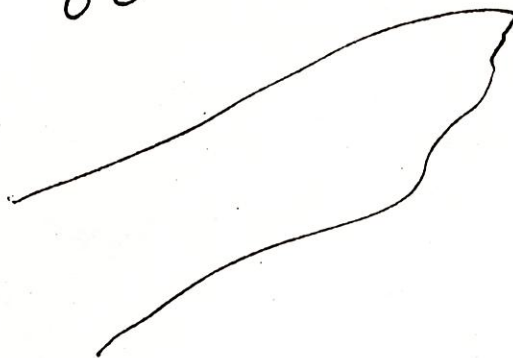
12 March 80
Jug Swann
9.20

21° 15' S
159° 45' W

missed it.



21° 15' S
159° 45' W



21° 15' S
159° 45' W



very beautiful here.



15 March 80

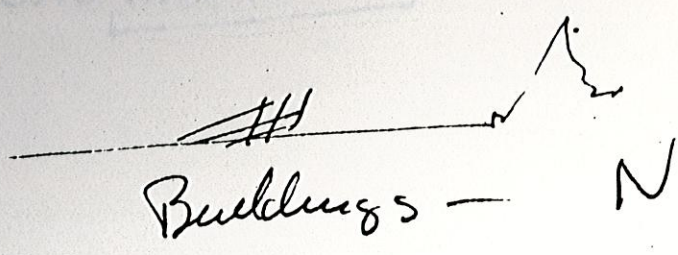
9.20

(2)

21° 15' S
159° 45' W

Commander

New
Sand



(Barometer)



slope of mtn -

very perceptives
very green.

wonderful place -

ocean.

Atkin - (mtn)
piricatkin

15 March 80

9.20

(3)

Coromandor,

New
Land.

(Rarotonga = to New Zealand)

RAROTONGA (ISLAND)
CLASS C