NATIONAL GEODETIC SURVEY STATION DESCRIPTION/RECOVERY FORM

4-char ID: BIRU Designation: BIRU

PID: TBD Alias: N/A

Country: USA State/Territory: Guam

Latitude: N 13-20-31.6 Longitude: W 215-13-43.1 Datum: NAD83 Elevation:

Original Description: A newly set mark established by the U.S. Army Corps of Engineers.

Date: 7/20/2007 Chief of Party: Justin Pummell (JP)

Monument Stability: Of the most reliable nature; expected to hold well.

Marker Type: 3-in diameter brass disk, survey disk

Setting Type: Concrete (hydraulic cement)

Monument contains magnetic material?: No

Stamping: BIRU 2007 Agency Inscription: USACE

Monument is: Flush

Special Type: Control Station – Benchmark (Used by USACE to stake out construction at Asquiroga Bay Hurricane Shore Protection project)

Mark is suitable for GPS use: Yes

Transportation: Car Pack time to mark: < 1 minute

General Station Location: The station is located along the ocean-side of Route 4 in the municipality of Talofofo, Guam just north of Talofofo Bay at Asquiroga Bay.

Ownership: Guam Department of Public Works

To Reach Narrative: To reach the station from the intersection of Route 4 and Route 4A, travel north along Route 4 for 0.47 miles towards Asquiroga Bay (away from Talofofo Bay). The benchmark is located on the ocean-side of Route 4 and its associated guardrail. The benchmark sits flush in a concrete slurry adjacent to a U.S. Army Corps of Engineers hurricane shore protection project. An old pillbox sits on the north side of Asquiroga Bay, and the bay is a popular swimming/snorkeling location.

Monument Description and Measurements: The station is as follows:

- 22 feet 10 inches, South East from concrete power pole DC-YP 45-600 84-11.
- 41 feet 5 inches, South West from the centerline of Route 4.
- 167 feet 6 inches, North West from concrete power pole DC-YP 45-600 84-12.

- 136 feet from the north end of the guardrail if you follow along the guardrail's total length.

Described by: Justin Pummell, U.S. Army Corps of Engineers, Honolulu District

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Observation: BIRU has not yet been observed with a survey-grade GPS instrument.

Photos:



BIRU Brass Disk installed into concrete slurry adjacent to Route 4



View of BIRU towards power pole DC-YP 45-600 84-11



View of BIRU towards the centerline of Route 4



View of BIRU towards power pole DC-YP 45-600 84-12