US ARMY CORPS OF ENGINEERS

PROJECT REPORT

IPAN USACE CLQT - GGN 2455

L12345

JOHN Q PUBLIC - CHIEF OF PARTY

FIRST ORDER, CLASS TWO LEVELING

09/04/2007 TO 09/07/2007

A. Location

This project is located at south end on the island of Guam at IPAN beach

B. Scope

1. Purpose

To level the Corps of Engineers shore protection wall at IPAN beach.

2. Specifications

First order class two specifications were followed during the execution of this of this project.

3. Monumentation

All monuments were set in the concrete wall and are standard USACE bench marks

B. Instrumentation

The following electronic levels were used on this project:

Make	Model	Serial
LEICA	DNA03	334391

The following rods were used on this project:

Make	Model	Serial
LEICA	INVAR	30847
LEICA	INVAR	30850

Copies of rod calibration will be transmitted with this project

C. Comments

1. Reconnaissance

Reconnaissance was done on May 15,20xx and the following bench marks were found in good condition:

CLQT
GGN 2455
GGN 2669

2. Deviation from specifications

No deviation from specifications was made.

3. Routes

Leveled on the road from CLQT to GGN2455. The terrain was a slight hill.

4. Problems

5. Recommendations

None

6. Software used

Windesc for writing the descriptions, Translev for the processing of leveling data

D. Statistics

1. Monuments recovered, set, and km of leveling

IPAN USACE CLQT - GGN 2455
Total No. Runnings: 9
Total Distance (km): 4.41
Avg Running Dist (km): 0.49
Avg Sight Dist (m): 32.4
Total Time (Hr.): 5.1
Total Time (Days): 2
Setups/Hour: 13
Kilometers/Hour: 0.87
Kilometers/Day: 2.2

2. Closures

Line Misclosure

3. Check measurements

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L12345/
ORDER 1 CLASS 2

---------- NEW MINUS OLD COMPARISON ----------

SSN	PID	MARK DESIGNATION	-DIST-	---NEW----	---OLD----	DIF (MM)	ALLOWABLE
0101	DH2964	CLQT		7.42500	7.4250	0.00	
			1.089	4.94356	4.9400	3.56	4.17
0102	DH3040	GGN 2669		12.36856	12.3650	3.56	
			0.663	0.09909	0.1000	-0.91	3.26
0105	DH3028	GGN 2455		12.46765	12.4650	2.65	
		Mean difference				2.07	

4. Progress

(Describe the general progress of the project)

5. Reruns

(Describe any sections that needed to rerun and reason for it)

E. Status

1. Records

(Describe the format of the data and where it will be keep)

2. Contact

Should any questions arise concerning the project please contact

(Name and phone number of contact person if problems are encountered with the data)