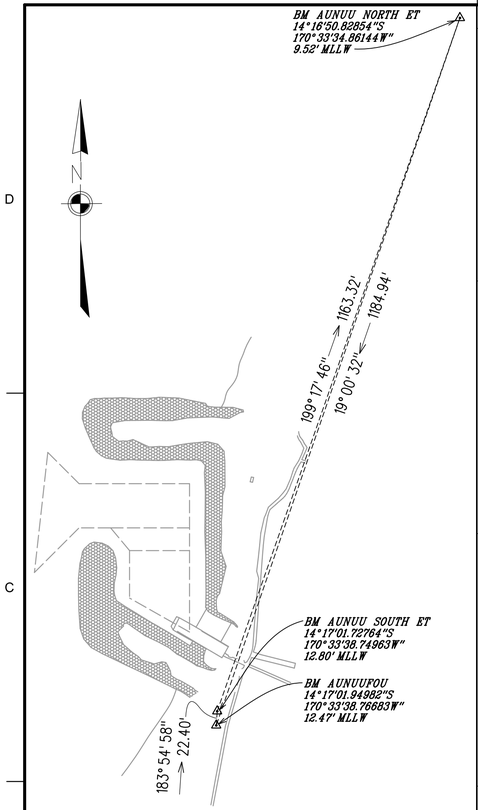

TRIANGULATION MAP

Projection: UTM Zone 2 South (FEET)
Horizontal Datum: NAD83 HARN (2002)
Vertical Datum: Local Tidal Datum - MLLW (1983-2001)
Geoid: 2009
Tidal Station: 1770000

BM NAME	LATITUDE	LONGITUDE	MLLW (FT)
*AUNUU IS END SUBMERGED CABLE	14° 16'47.30877"S	170° 33'30.43623"W	N/A
*AUNUU ISLAND LIGHTHOUSE	14° 16'49.58622"S	170° 32'56.43889"W	N/A
*AUNUU LIGHT ET	14° 16'49.67827"S	170° 32'56.76089"W	236.23
*AUNUU NORTH ET	14° 16'50.82854"S	170° 33'34.86144"W	9.52
AUNUU SOUTH ET	14° 17'01.72764"S	170° 33'38.74963"W	12.80
AUNUUFOU	14° 17'01.94982"S	170° 33'38.76683"W	12.47

(* Plots Off-Chart)

FEDERAL PROJECT LINE COORDINATES		
	NORTHING	EASTING
1	27,627,783.02	1,795,577.97
2	27,627,733.52	1,795,627.47
3	27,627,733.52	1,795,802.47
4	27,627,498.52	1,795,802.47
5	27,627,552.36	1,795,707.47
6	27,627,627.52	1,795,707.47
7	27,627,663.52	1,795,677.47
8	27,627,663.52	1,795,627.47
9	27,627,592.81	1,795,556.76

AUNUU HARBOR NAVIGATION AIDS		
AID NAME	LATITUDE	LONGITUDE
* Aunuu Island Light	14° 16'49.525"	170° 39'49.040"
Aunuu Island Breakwater Light 1	14° 16'59.287"	170° 33'49.040"

(* Plots Off-Chart)

NOTES

BANKLINE IS APPROXIMATE. CONTROL IS BY USACE.

SURVEYED IN WGS 84, UTM ZONE 2 SOUTH.
DATUM IS MEAN LOWER LOW WATER (MLLW), TIDAL EPOCH, 1983-2001.

COORDINATES BASED ON NAD83 HARN (2002).

DEPTHS TAKEN FROM HYDROGRAPHICS SURVEY COMPLETED BY U.S. ARMY CORPS OF ENGINEERS, PORTLAND DISTRICT ON 28 FEB, 2012.

SOUNDINGS ARE SHOWN IN FEET AND INDICATED DEPTHS BELOW MLLW.
ELEVATIONS ARE SHOWN THUS: +2, INDICATING HEIGHT IN FEET ABOVE MLLW.
THE MLLW PLANE IS SHOWN THUS:
THE PROJECT DEPTH CURVE IS SHOWN THUS:

LONGITUDE/LATITUDE IS REFERENCED TO NAD83 HARN (2002).

THIS CHART IS INTENDED FOR DREDGING PURPOSES ONLY.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION EXISTING AT THAT TIME.

THE EXISTING PROJECT

PROVIDES FOR A 7,500 SQUARE FOOT TURNING AREA, 14 FEET DEEP; AN ENTRANCE CHANNEL 175 FEET LONG, 70 FEET WIDE, AND 14 FEET DEEP; A DEPTH TRANSITION AREA 35 FEET LONG, 125 TO 95 FEET WIDE, AND 14 TO 8 FEET DEEP; AND A 9,700 SQUARE FOOT MOORING AREA, 8 FEET DEEP.

LEGEND

PRIMARY CONTROL POINT
COORDINATED SURVEY POINT
UNCOORDINATED SURVEY POINTS
DREDGING RANGES FRONT
RIVER MILEAGE FROM MOUTH
BENCHMARKS
GAGES STAFF
Recording
REAR

AIDS TO NAVIGATION

LIGHTHOUSES
LIGHTS — FIXED, FLASHING, OCCULTING
LIGHTED RANGES — FRONT, REAR
LIGHTED BUOYS
UNLIGHTED BUOYS — STARBOARD, MID CHANNEL, JUNCTION
DAYBEACONS — PORT, STARBOARD
SEASONAL LIGHTS AND LIGHTED DREDGING RANGES

GRAPHIC SCALE

30 0 30 60 90

SCALE:1"=30'

NOTE: ALL UNITS ARE IN U.S. SURVEY FEET (FT) UNLESS OTHERWISE.

US Army Corps of Engineers®
Honolulu District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
HONOLULU DISTRICT
FT SHAFTER, HAWAII

CIVIL WORKS TECHNICAL BRANCH
CEPOH-EC-T
BUILDING 223
FORT SHAFTER, HAWAII

DESIGNED BY: P. TOM
DRAWN BY: G. TOYAMA
CHECKED BY: P. TOM
SUBMITTED BY: M. WONG
DATE: AUG 2, 2012
SOLICIT./ CONTRACT NO.:
LOCATION CODE
PLOT DATE:
PLOT SCALE: 1:1
SIZE: ANSI D
DRAWING NUMBER:
FILE NAME: Aunuu_Harbor_VH101.dgn
REVISIONS:

FY'12 HYDROSURVEYS
AUNUU HARBOR
HYDROGRAPHIC SURVEY
AUNUU, AMERICAN SAMOA

SITE PLAN & SURVEY NOTES

SHEET IDENTIFICATION
VH101
SHEET 1 OF 1

FILE: c:\pw-work\poh-1\dms86314\Aunuu_Harbor_VH101.dgn
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