

RONMAC Monitoring Station Report

Report Date: August 14th, 2001

Station Number: 96405071

Station Name: *La Unión, El Salvador*

Station Location: 13° 16' 38" 'N - 88° 48' 38" W

Time Meridian: 90W

Original Installation Date: 08/14/01

Date of Present Visit: 08/14/01

Purpose of Present Visit: *Installation*

Description of Location: *The station is located on the main pier of the El Salvador Naval base at La Unión, adjacent to the fuel pump house.*

Facility Owner: *El Salvador Navy*

Facility Contact: *Captain Rene Herrera, Base Commander*

Facility Numbers: *Phone: (503) 250-0210 Fax: (503) 841-4890*

National Agency: *Instuto Geografico Nacional (IGN)*

National Contact: *Lopez Meyer, Director General*

Contact Numbers: *Phone: (503) 260-6417 , Fax: (503) 260-7919*

E-Mail:

DCP Information

DCP Mfg. & Type: *Vitel VX 1100*

SN: *VN10010275*

GOES Transmitter Mfg. & Type: *Vitel VX2609*

Platform ID: *1406D7AA*

Channel: *61East*

First Transmission: *01:56:00*

Transmission Interval: *180 minutes*

GOES Antenna Mfg. & Type: *Vitel V2TH*

SN: *2T01062246*

Azimuth: *135⁰*

Elevation: *75⁰*

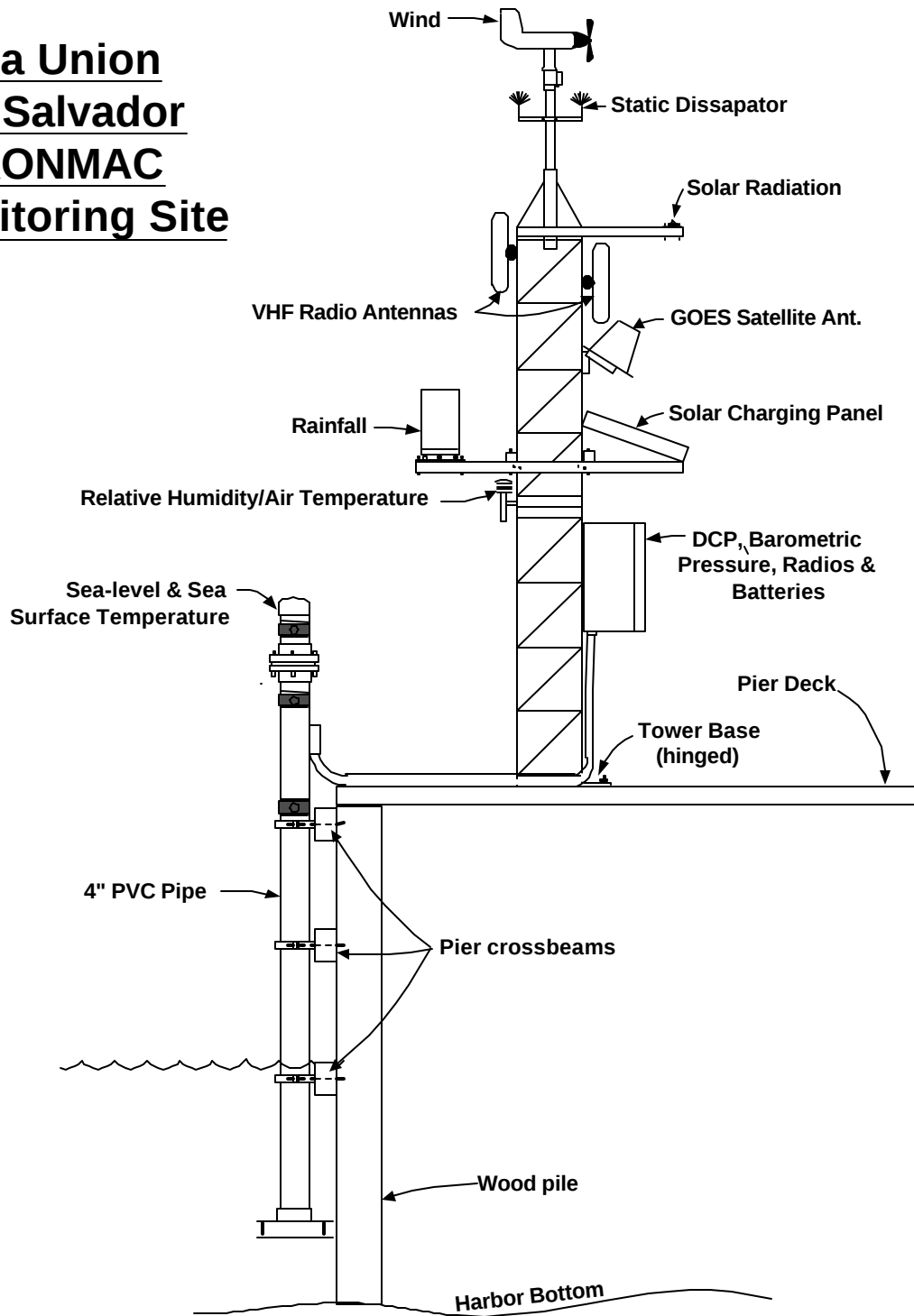
Battery Mfg. & Type: *12VDC – 40AH Gel Cell*

Solar Charger Panel Mfg. & Model: *Solarex 30 watt*

SN: *20010051745918 / F20010021745807*

Description of Monitoring Site Configuration:

La Union
El Salvador
RONMAC
Monitoring Site



Sensor Information

Sealevel

Sensor Mfg. & Type: *Bartex 3000 Acoustic*

SN: *1733-3960*

Calibration Tube: *SN 1178*

Installation Date: *8/14/01*

Sensor Offset: *-107mm*

Datum Offset: *10000mm*

Wind

Sensor Mfg. & Type: *R.M. Young - 05103 - Wind Monitor*

SN: *43883*

Installation Date: *8/14/01*

Relative Humidity & Air Temperature

Sensor Mfg. & Type: *Viasala HMP45*

SN: *V4310012*

Installation Date: *8/14/01*

Barometric Pressure

Sensor Mfg. & Type: *R.M. Young*

SN: *BP01602*

Installation Date: *8/14/01*

Sea Surface Temperature

Sensor Mfg. & Type: *YSI*

Installation Date: *08/14/01*

Precipitation

Sensor Mfg. & Type: *Vitel VRG-TB3 Tipping Bucket*

SN: *791*

Installation Date: *8/14/01*

Solar Radiation

Sensor Mfg. & Type: *LiCor Pyranometer*

SN: *PY39439*

Converter: *PY39439*

Installation Date: *8/14/01*

Back Up Water Level Pressure

Sensor Mfg. & Type: *Druck 0-15 psi*

SN: *7350*

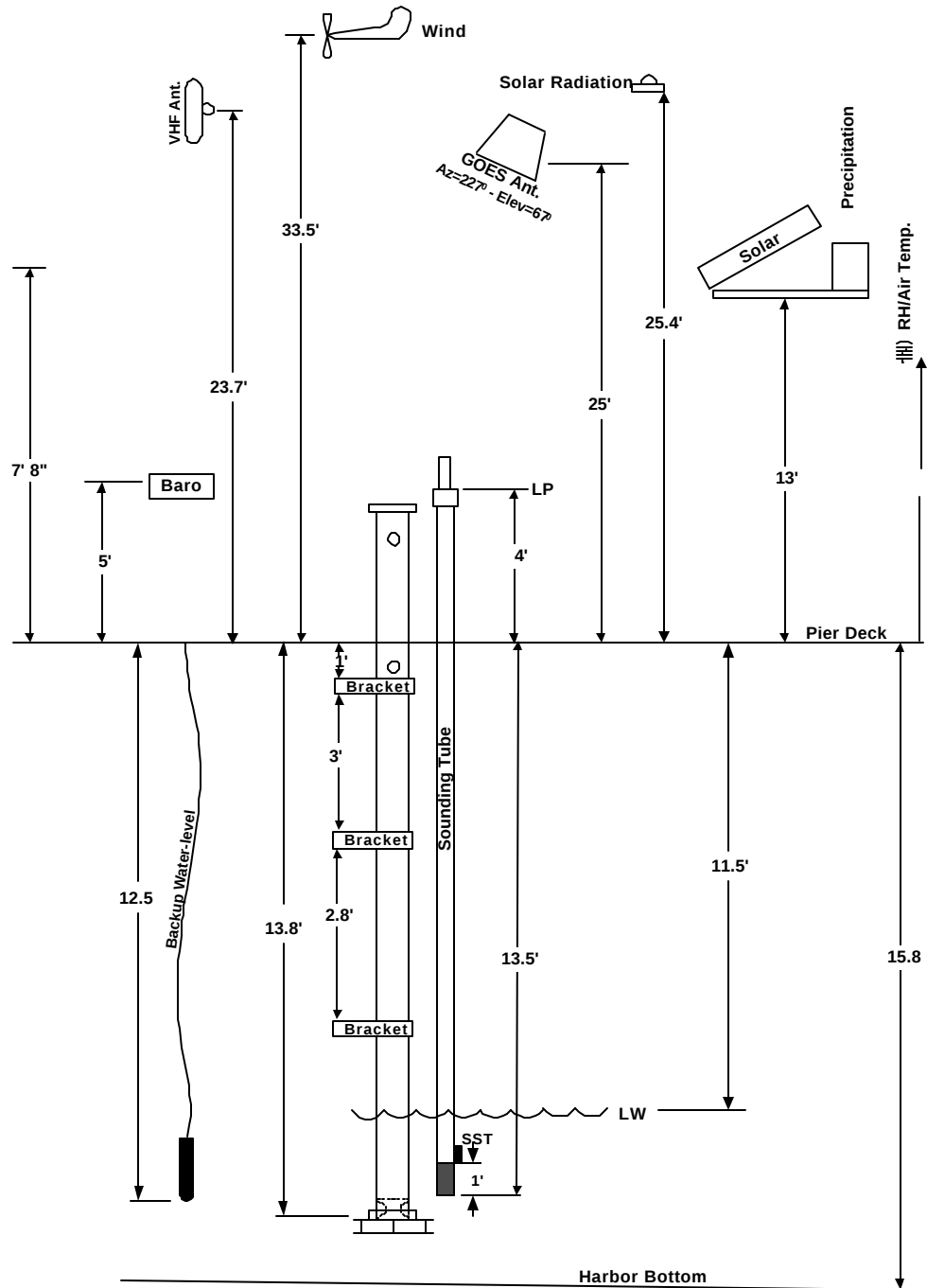
Installation Date: *08/14/01*

Location ID	<i>Pto Acajutla</i>	Site ID	<i>96405071</i>
GOES ID	<i>1406D7AA</i>		
TX Channel	<i>61E</i>	Time Meridian	<i>90W</i>
1st TX Time	<i>01:56:00</i>	GMT Offset	<i>6 hr</i>
Interval:	<i>180 minutes</i>	Original Installation Date	<i>August 14, 2001</i>

Sensor Setups

[illegible]

La Union, El Salvador



Benchmark Information

Number of Tidal Benchmarks: 3

Primary BM Designation: *GPS*

SRM Designation: *GPS*

Designation of other BM's: *RONMAC 2A 2001, RONMAC 2B 2001*

BM Descriptions Published In: *OAS/IGN*

Were all BM's recovered during this visit? *yes*

Were any BM's destroyed since last recovery? *No*

Leveling Information

ABSTRACT OF PRECISE LEVELS

Date: *August 15, 2001*

Page 1 of 1

Tide Station Name:	La Unión
Tide Station No.:	<i>96405071</i>
Country:	<i>El Salvador</i>
Chief of party:	<i>L. Chapin</i>
Observer:	<i>L. Chapin</i>
Recorder:	<i>L. Chapin</i>
Rodman:	<i>L. Hernandez</i>
Level:	<i>Zeiss Ni-2</i>
Rod:	<i>K & E cm</i>

<u>F/B</u>	<u>Difference</u>	<u>Mean</u>	<u>Divergence</u>	<u>Distance</u>	<u>Designation</u>	<u>Elev</u>	<u>Elev + 0</u>
F	-0.860				LP		10.000m
B	+0.859	-0.860	-1 / -1	.04 / .04	GPS	9.140	(SRM)
F	+0.789				GPS		
B	-0.791	+0.790	-2 / -3	.23 / .27	RONMAC 2A 2001	9.930	
F	+0.134				RONMAC 2A 2001		
B	-0.134	+0.134	0 / -3	.10 / .37	RONMAC 2B 2001	10.064	

OAS - RONMAC

Tidal Bench Marks

La Unión, El Salvador

Lat. 13° 16' 38" N - Long. 88° 48 ' 38" W

964-05071

TO REACH the monitoring site proceed from the main entrance of the entrance of the El Salvador Navy base at La Unión, proceed to the end of the road which terminates at the pier. The monitoring station is located adjacent to the fuel pump house.

“GPS” is a 1 inch diameter stainless steel marker, set flush in the concrete surface on the eastern side of the roadway apron, 3.5 ft (1.06m) east of the west side of the concrete apron, 12.0 ft (3.7m) north of the west end of the concrete apron, 14 ft (4.3m) west of the centerline of the main roadway.

“RONMAC 2A 2001” is a brass disk set flush in the northeast corner of the second step of the concrete base of a flag mast on the parade ground of the Naval base, 0.75 ft (0.23m) southwest of the northeast of the concrete base, 6.5 ft (2m) east of the flag-mast, 17 ft (5.2m) south of the top edge of the “rip-wrap” rocks, 88ft (27m) west of the centerline of the roadway.

“RONMAC 2A 2001” is a brass disk set flush in the concrete foundation apron at the northwest corner of the marine equipment maintenance building on the Naval Base, 3.0 ft (0.9m) northwest of the northwest corner of the maintenance building, 30.0 ft (9.1m) east of the centerline of the roadway, 109 ft (33m) south of the southwest corner of the “Officers Mess” building.

La Union, El Salvador

964-05071

