

# RONMAC Monitoring Station Report

Report Date: August 7<sup>th</sup>, 2001

**Station Number:** 96489581

**Station Name:** *Puerto Acajutla, El Salvador*

**Station Location:**  $13^{\circ} 34.42' N - 89^{\circ} 50.31' W$

**Time Meridian:** 90W

**Original Installation Date:** 12/12/00

**Date of Present Visit:** 08/07/01

**Purpose of Present Visit:** *Inspection*

## **Description of Location:**

**Facility Owner:** *CEPA*

**Facility Contact:** *Ing. Francisco Polomo, Jefe Maint.*

**Facility Numbers:** *Phone: (502) Fax: (502)*

**National Agency:** *Instuto Geografico Nacional (IGN)*

**National Contact:** *Lopez Meyer, Director General*

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

## DCP Information

**DCP Mfg. & Type:** *Vitel VX 1100*

**SN:** *VN10011238*

**GOES Transmitter Mfg. & Type:** *Vitel VX2609*

**Platform ID:** *1401E004*

**Channel:** *5East*

**First Transmission:** *02:03:00*

**Transmission Interval:** *180 minutes*

**GOES Antenna Mfg. & Type:** *Vitel V2TH*

**SN:** *2T01062175*

**Azimuth:**  $132^{\circ}$

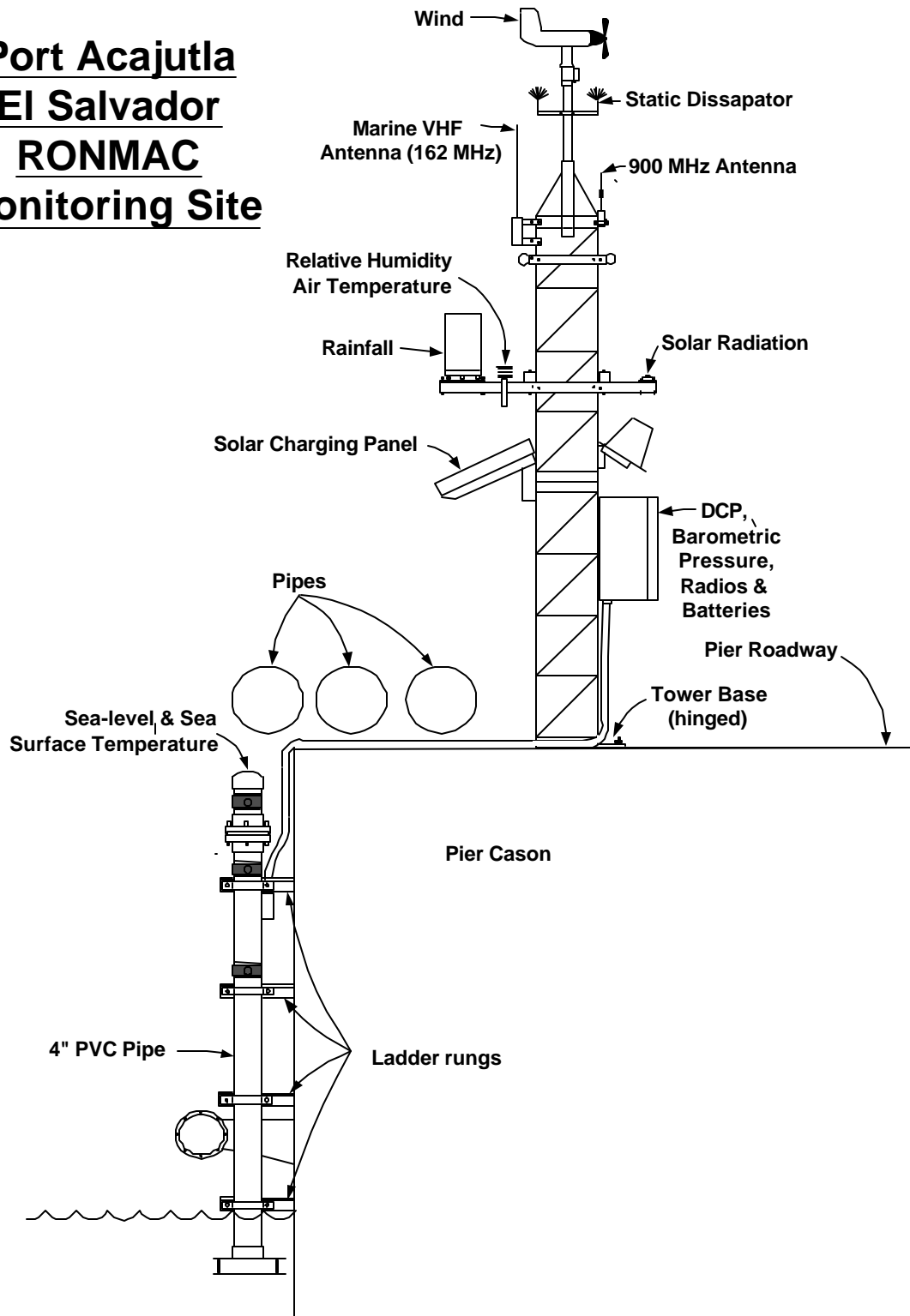
**Elevation:**  $67^{\circ}$

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

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

**Description of Monitoring Site Configuration:**

**Port Acajutla**  
**El Salvador**  
**RONMAC**  
**Monitoring Site**



## Sensor Information

### Sealevel

**Sensor Mfg. & Type:** *Bartex 3000 Acoustic*

**SN:** *1726-3953*

**Calibration Tube:** *SN 1171*

**Installation Date:** *12/12/00*

**Sensor Offset:** *-107mm*

**Datum Offset:** *6158 mm*

### Wind

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

**SN:** *43883*

**Installation Date:** *12/12/00*

### Relative Humidity & Air Temperature

**Sensor Mfg. & Type:** *Viasala HMP45*

**SN:** *V4130014*

**Installation Date:** *12/12/00*

### Barometric Pressure

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

**SN:** *BP01587*

**Installation Date:** *12/12/00*

### Sea Surface Temperature

**Sensor Mfg. & Type:** *YSI*

**Installation Date:** *08-07-01*

### Precipitation

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

**SN:** *636*

**Installation Date:** *12/12/00*

### Solar Radiation

**Sensor Mfg. & Type:** *LiCor Pyranometer*

**SN:** *PY39453*

**Converter:** *PY39444*

**Installation Date:** *12/12/00*

### Back Up Water Level Pressure

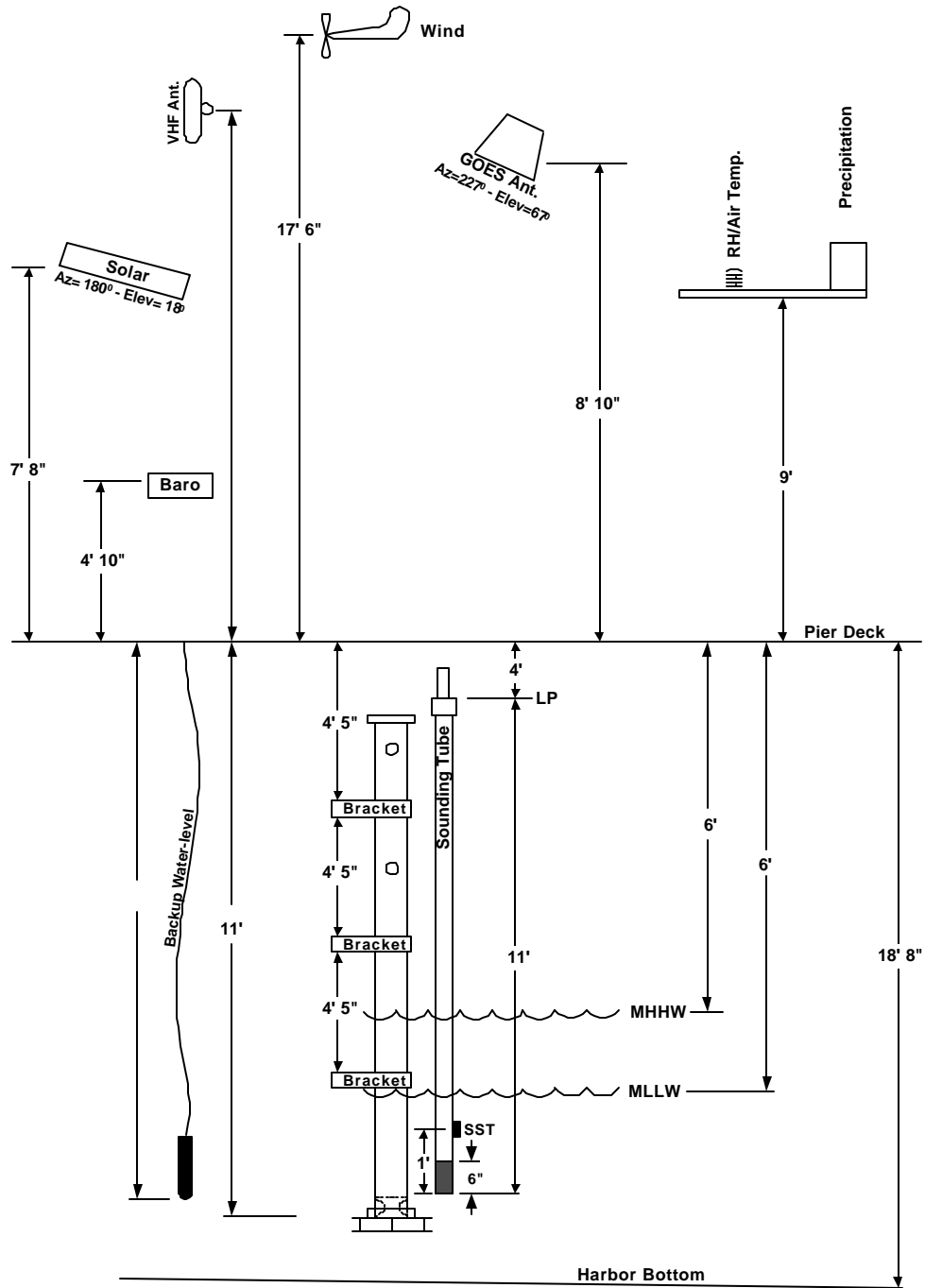
**Sensor Mfg. & Type:** *Druck 0-15 psi*

**SN:** *7352*

**Installation Date:** *08-07-01*



# Acajutla, El Salvador



### Benchmark Information

Number of Tidal Benchmarks: 3  
Primary BM Designation: CEPA 2  
SRM Designation: CEPA 2  
Designation of other BM's: CEPA 6, CEPA 9  
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 7, 2001

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<b>Tide Station Name:</b>	<b>Puerto Acajutla</b>
<b>Tide Station No.:</b>	96489581
<b>Country:</b>	El Salvador
<b>Chief of party:</b>	L. Chapin
<b>Observer:</b>	L. Chapin
<b>Recorder:</b>	J. Navarro
<b>Rodman:</b>	L. Hernandez
<b>Level:</b>	Zeiss Ni-2
<b>Rod:</b>	K & E cm

<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	+1.569				LP		m
B	-1.568	+1.568	+1 / +1	.06 / .06	CEPA 2		(SRM)

**OAS - RONMAC**

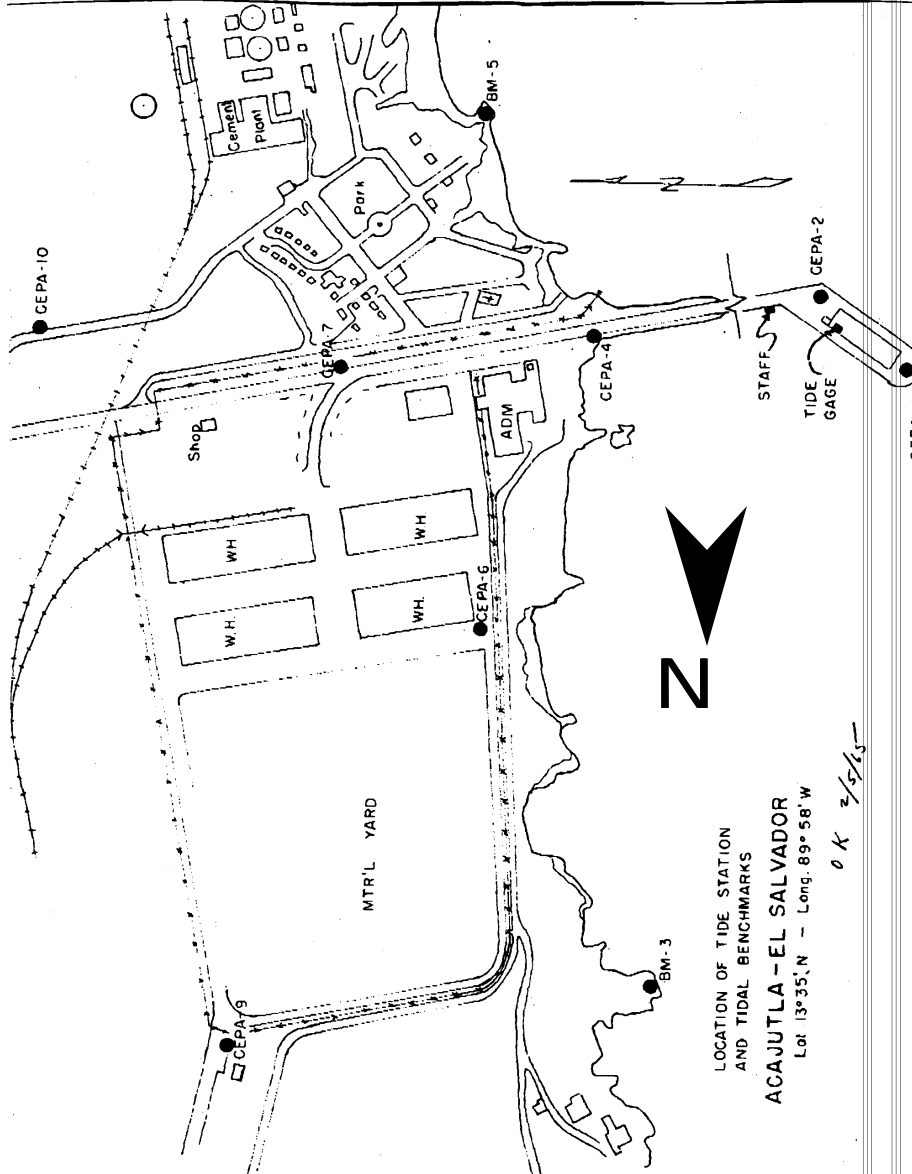
**Tidal Bench Marks**

**Puerto Acajutla, El Salvador**

Lat. 13° 35' N - Long. 89° 51' W

**964-89581**

TO REACH the monitoring site proceed from the main entrance of the Port facility at Acajutla along the seaward roadway to the most southwestern pier. The monitoring site is located on the north side of the pier 150 ft. north east of the warehouse that the historic tide station was located in.



LOCATION OF TIDE STATION  
 AND TIDAL BENCHMARKS  
**ACAJUTLA - EL SALVADOR**  
 Lat 13°35'N - Long. 89°58'W

*OK 2/5/85*



