

RONMAC Monitoring Station Report

Report Date: Jan 15th, 2001

Station Number: 96505931

Station Name: *Puerto Cortés, Honduras*

Station Location: $13^{\circ} 06.4'N - 59^{\circ} 37.9'W$

Time Meridian: 90W

Original Installation Date: 01/14/01

Date of Present Visit: 01/15/01

Purpose of Present Visit: *Installation*

Description of Location: *Station is located mid way out on the west side of the Molasses pier, at Puerto Cortés, Honduras.*

Facility Owner: *Empresa Nacional Portuaria, Honduras*

Facility Contact: *Ing. Carlos Portillo*

Facility Numbers: *Phone: (504)665-6661 Fax: (504) 665-0234*

Local Contact: *Arturo Pineda, Jefe Departamento de Calculo, Instituto Geográfico Nacional.*

Contact Numbers: *Phone: (504) 225-4166, Fax: (504) 225-2759, Home:(504) 223-3591*

E-Mail: artupinecris@es.yahoo.com

DCP Information

DCP Mfg. & Type: *Vitel VX 1100*

SN: *WX 10012268*

GOES Transmitter Mfg. & Type: *Vitel VX1004PA*

Platform ID: *1401A30E*

Channel: *5East*

Transmission Interval: *180 minutes*

GOES Antenna Mfg. & Type: *Vitel V2TH*

SN: *2T00112179*

Azimuth: 227°

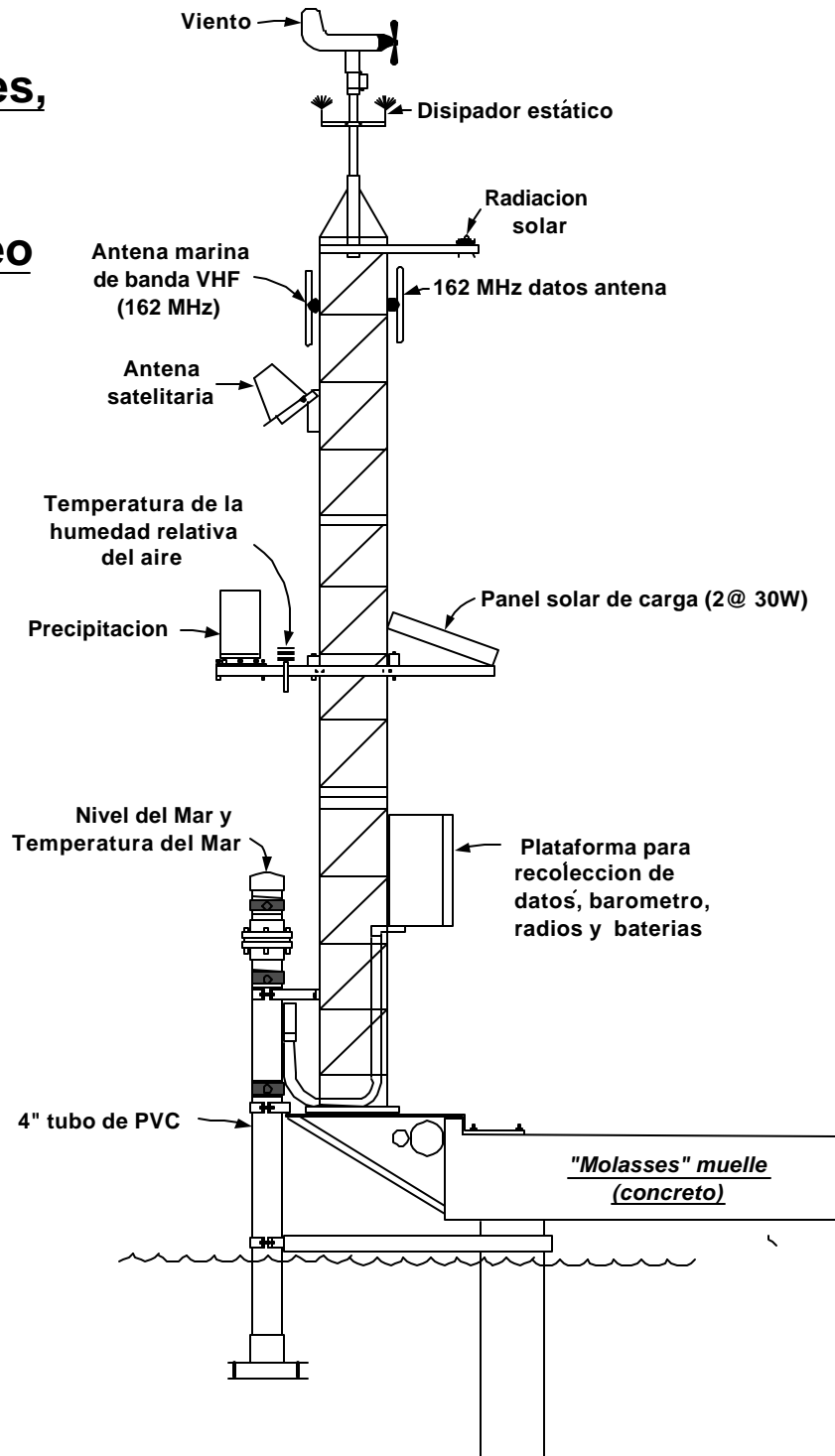
Elevation: 67°

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

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

Description of Monitoring Site Configuration:

RONMAC
Puerto Cortes,
Honduras
Estacion
de Monitoreo



Sensor Information

Sealevel

Sensor Mfg. & Type: *Bartex 3100 Acoustic*
SN: *1727-3954*
Calibration Tube: *SN 1172*
Installation Date: *01-14-01*
Sensor Offset: *-107mm*
Datum Offset: *4718mm*
Datum Reference: *DOT/NOS-NOAA*
GOES Flag: *49*
Sensor Number: *3*

Wind

Sensor Mfg. & Type: *R.M. Young - 05103 - Wind Monitor*
SN: *43880*
Installation Date: *01-14-01*

Direction

Terminations: *4+*
Mult: *359*
Div: *32767*
Offset: *0*
Dec. Pt.: *0*
GOES Flag: *51 (Wind Data #11)*
Sensor Number: *10*
Log Interval: *60 min.*

Speed

Terminations: *CTR1*
Mult: *980*
Div: *1000*
Offset: *0*
Dec. Pt.: *1*
GOES Flag: *51 (Wind Data #11)*
Sensor Number: *9*
Log Interval: *60 min.*

Relative Humidity & Air Temperature

Sensor Mfg. & Type: *Viasala HMP45*
SN: *V3440020*
Installation Date: *01-15-01*

RH

Terminations: *5+*
Mult: *100*
Div: *6553*
Offset: *0*
Dec. Pt.: *0*
GOES Flag: *57*
Sensor Number: *12*
Log Interval: *60 min.*

Air Temp

Terminations: *5-*
Mult: *992*
Div: *6553*
Offset: *-392*
Dec. Pt.: *1*
GOES Flag: *52*
Sensor Number: *6*
Log Interval: *60 min.*

Barometric Pressure

Sensor Mfg. & Type: *R.M. Young*
SN:
Installation Date: *01-15-01*
Terminations: *1-*
Mult: *3000*
Div: *32767*
Offset: *8000*
Dec. Pt.: *1*
GOES Flag: *54*
Sensor Number: *5*
Log Interval: *60 min.*

Sensor Information (continued)

Sea Surface Temperature

Sensor Mfg. & Type: *YSI*
Installation Date: *01-15-01*
Terminations: *3+*
Mult: *-500*
Div: *9313*
Offset: *1417*
Dec. Pt.: *1*
GOES Flag: *53*
Sensor Number: *7*
Log Interval: *60 min.*

Precipitation

Sensor Mfg. & Type: *Vitel VRG-TB3 Tipping Bucket*
SN: *622*
Installation Date: *01-14-01*
Terminations: *CTR3*
Mult: *1*
Div: *1*
Offset: *0*
Dec. Pt.: *2*
GOES Flag: *58*
Sensor Number: *8*
Log Interval: *60 min.*

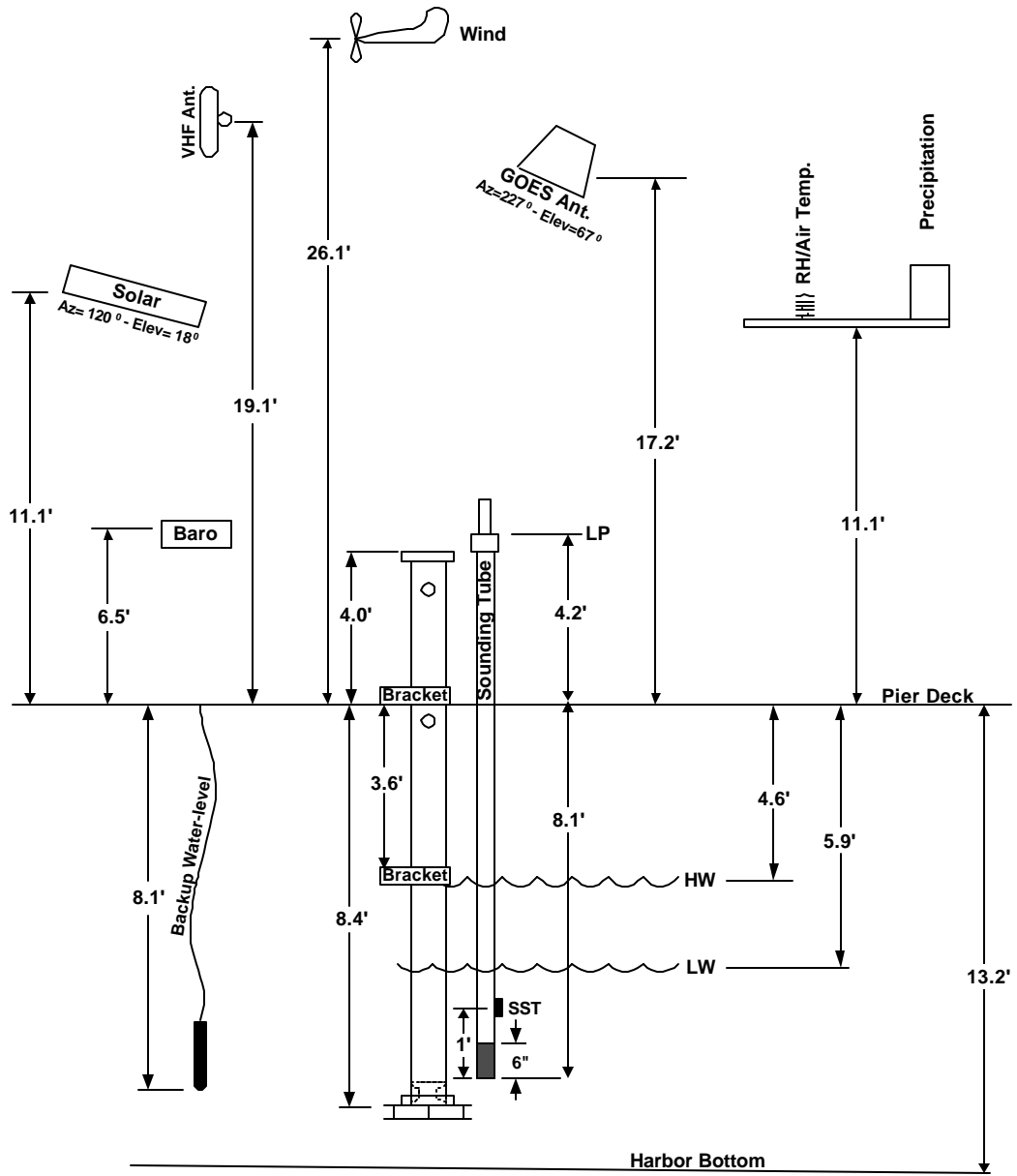
Solar Radiation

Sensor Mfg. & Type: *LiCor Pyranometer*
SN: *PY39443*
Converter: *PY39443*
Installation Date: *01-14-01*
Terminations: *6+*
Mult: *25000*
Div: *32767*
Offset: *0*
Dec. Pt.: *0*
GOES Flag: *59*
Sensor Number: *16*
Log Interval: *60 min.*

Back Up Water Level Pressure

Sensor Mfg. & Type: *Druck 0-15 psi*
SN: *7227*
Installation Date: *01-14-01*
Terminations: *7-*
Mult: *10547*
Div: *32767*
Offset: *0*
Dec. Pt.: *0*
GOES Flag: *34*
Sensor Number: *13*
Log Interval: *60 min.*

Puerto Cortes, Honduras Monitoring Site Measurements



Benchmark Information

Number of Tidal Benchmarks: 3

Primary BM Designation: *BM2A*

SRM Designation: *MELASA*

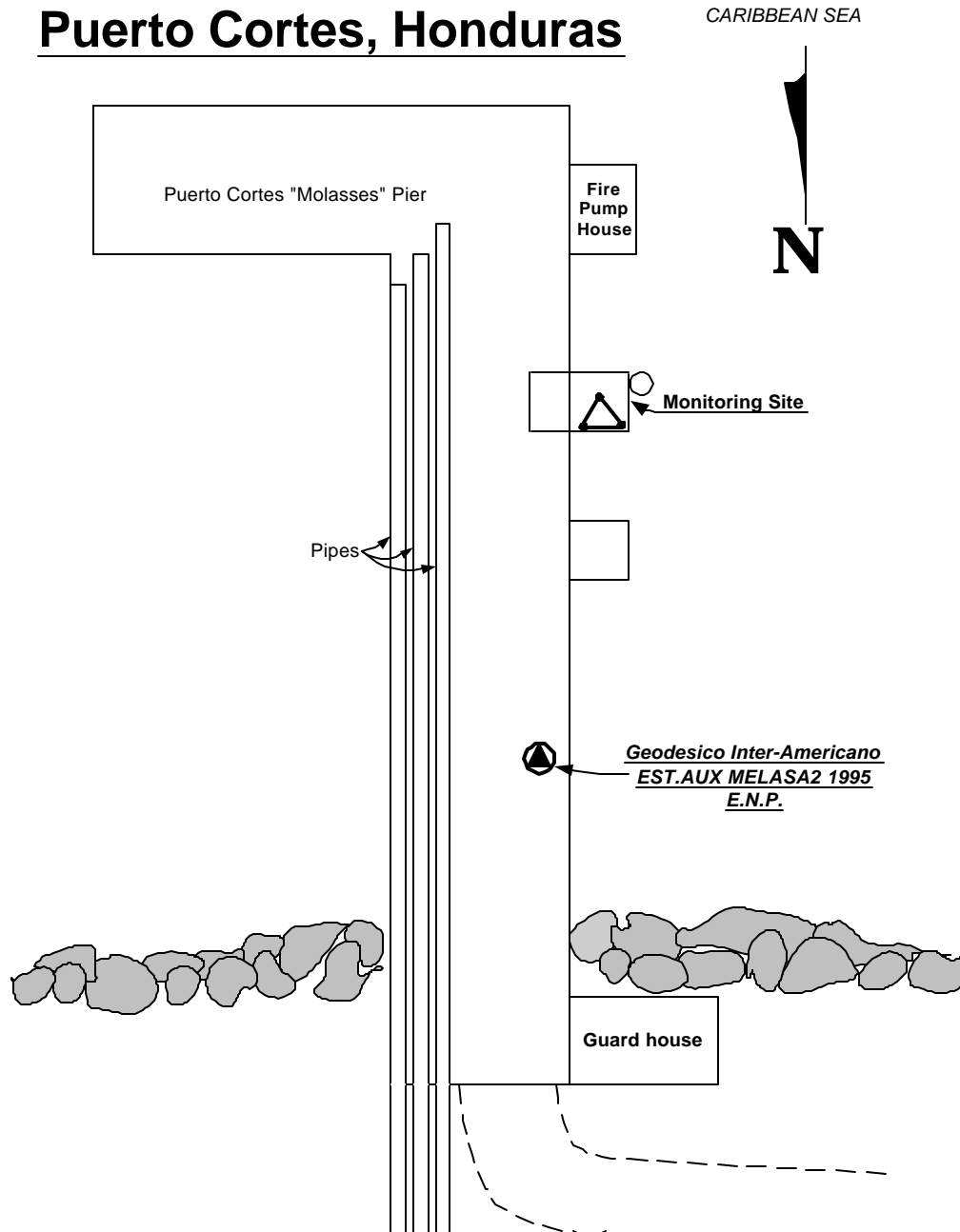
Designation of other BM's: *BM3A*

BM Descriptions Published In: *NOS/NOAA & IGN*

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

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

Puerto Cortes, Honduras



Leveling Information

Date of Most Recent Levels: *16-Jan-01*

Levels Performed by: *Jim Navarro & Arturo Pineda*

Chief of Party: *Arturo Pineda*

Level Mfg. & Type: *Wild N2*

Rod Mfg. & Type: *K&E 1/2 cm*

Abstract of Levels - Puerto Cortes, Honduras

16-Jan-01

BM 3A		2.954	
BM 2A	(-) 0.644		
BM 2A		2.310m	DOT from NOS/NOAA
Rod Stop	(+) 0.751	3.061	
Rod Stop			
Melasa BM	(+) 0.269	3.33	
Melasa BM			
LP	(+) 1.388	4.718m	