DRAFT—ADMINISTRATIVE USE ONLY

DEPLOYMENT

(one form per housing)

STORM SURGE SENSOR INSPECTION FORM

Quick Lookup # _____

DATE: 11/6/12 **STORM:** Sandy **INSPECTORS:** AES/CES

SITE INFORMATION

SITE NAME: _____ **LATITUDE** (DD to 6 places): 40.7257

(Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: Fl. Wilderness Breach EAST **LONGITUDE** (DD to 6 places): -72.8904

STATE: NY **COUNTY:** Suffolk **Landowner notified** (circle one): (Yes) No

SENSOR INFORMATION

Sensor Type (circle one): (*HOBO*) *TROLL* Sensor Serial Number: 10168173

Deployed As (circle one): (*water level*) *barometric pressure* *wave height*

Deployment Time (GMT): 1310 Tapedown or Tapeup from Housing Nut: _____ feet

Sensor Data Interval (circle one): *~30 sec* *2 sec* Housing **Correction Factor:** .02 feet (nut to orifice

Sensor Logging Start Time (GMT) _____ **Sensor in Water** (circle one): (*YES*) *NO*

REFERENCE POINT INFORMATION

RP # ____ Assumed RP elev. = 2.84 * feet

TD from RP = _____ feet 2.11

Weight length= _____ feet

Subtract total tapedown _____ feet

11/6 @ 1310 → Assumed WS elevation = 0.73 feet

Add/Subtract Housing TD/TU = _____ feet

Housing Correction Factor = _____ feet

Sensor Orifice Elevation = _____ feet

TD to channel bottom/beach = _____ feet

RP description: top of dock nut above SSS on 3rd pier front E edge

Other notes: * Bring pipe wrench to recover *

* levels 11/13 by MM + AE

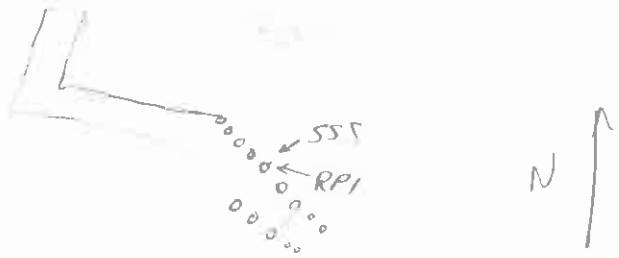
VI label on housing? _____

SITE SKETCH

RP1 to nut = 2.72

nut to orifice .02

RP1 to WS 2.11



Pictures Taken (circle all that apply): *Sensor* *Upstream* *Downstream* *Other* **Camera Owner:** AES

Barometric Pressure (BP) at same Site?(circle one): Yes No **Reference BP Site Name:** _____

Departure Time: _____ **Called In at Time:** _____ **Call-in Contact Initials:** _____

Please ensure original inspection sheet is given to SSC team member upon return from field.

RECOVERY

(one form per housing)

STORM SURGE SENSOR INSPECTION FORM

Quick Lookup #

DATE: 2/5/13 **STORM:** post-Sandy **INSPECTORS:** AES / CES

SITE INFORMATION

SITE NAME: _____ **LATITUDE** (DD to 6 places): 40.7257

(Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: Fire Isl Wilderness Breach East **LONGITUDE** (DD to 6 places): -72.8964

SENSOR INFORMATION

Sensor Type (circle one): *HOBO* TROLL **Sensor Serial Number:** 10168173

Recovery Time (GMT): 1355 EST **Tapedown or Tapeup from Housing Nut:** _____ feet

Sensor in Water (circle one): *YES NO* **Housing Correction Factor:** 0.62 feet (nut to orifice)

Slippage during deploy? (circle one): *YES NO* **Slippage distance:** _____ feet (nut to ref. mark)

REFERENCE POINT INFORMATION

RP # 1 Assumed RP elev. = 2.84 * feet

TD from RP = 2.71 feet ~2.7 WS

Weight length= _____ feet

Subtract total tapedown 0.13 feet

2:15 → 1355 → **Assumed WS elevation** = ~0.1 feet

Add/Subtract Housing TD/TU = _____ feet

Housing Correction Factor = -0.62 feet

Slipping Correction Factor = _____ feet

Sensor Orifice Elevation = -0.49 feet

TD to channel bottom/beach = _____ feet

Other notes: _____

left housing on pier

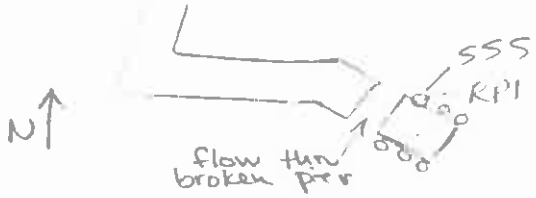
* levels 2/13/13 MN+RB

SITE SKETCH (if needed)

RP1 to nut: 2.71

nut to orifice: 0.62

RP2 to WS: ~2.7 turbulent



High-Water Marks (circle one): *YES NO*

HWM description: _____

Pictures Taken (circle all that apply): *Sensor Upstream Downstream Other* **Camera Owner:** AES

Barometric Pressure (BP) at same Site?(circle one): Yes No **Reference BP Site Name:** Fire Isl. Wilderness Barb

Departure Time: _____ **Called In at Time:** _____ **Call-in Contact Initials:** _____

PROCESSING INFORMATION (To be completed by Data Processor)

Raw surge data filename: _____ (filename format: SSS-SS-COU-###.hobo)

Reference BP raw data filename: _____ (filename format: SSS-SS-COU-###BP.hobo)

Proc'd surge data filename: _____ (filename format: SSS-SS-COU-###-final.csv)

PDF graph filename: _____ (filename format: SSS-SS-COU-###-graph.pdf)

Copied to FTP location (circle one): YES NO **Completion Date:** _____ **Processor Initials:** _____

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STORM SURGE SENSOR INSPECTION FORM

Quick Lookup # _____

DATE: 11/6/12 **STORM:** post Sandy **INSPECTORS:** AES / CES

SITE INFORMATION

SITE NAME: _____ **LATITUDE** (DD to 6 places): 40.7259

(Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: Fire Isl. Wilderness Breach West **LONGITUDE** (DD to 6 places): -72.8968

STATE: NY **COUNTY:** Suffolk **Landowner notified** (circle one): (Yes) No

SENSOR INFORMATION

Sensor Type (circle one): *HOBO* *TROLL* Sensor Serial Number: 2368876

Deployed As (circle one): *water level* *barometric pressure* *wave height*

Deployment Time (GMT): 1340

Sensor Data Interval (circle one): ~~*30 sec*~~ ~~*2 sec*~~ 6 min

Sensor Logging Start Time (GMT) _____

Tapedown or Tapeup From Housing Nut _____ feet

Housing Correction Factor: .62 feet (nut to orifice

Sensor in Water (circle one): (*YES*) *NO*

REFERENCE POINT INFORMATION

RP # 2 Assumed RP elev. = 2.85* feet

TD from RP = _____ feet

Weight length= _____ feet

Subtract total tapedown _____ feet

11/6 @ 1240 → Assumed WS elevation = 0.80 feet

Add/Subtract Housing TD/TU = _____ feet

Housing Correction Factor = _____ feet

Sensor Orifice Elevation = _____ feet

TD to channel bottom/beach = _____ feet

RP description: #2 installed lag bolt directly above SSS on 2nd piling from the North

Other notes: * Pipe wrench for level*

* levels 5/13/13 w/ MINT KB

SITE SKETCH

RP2 to nut : 2.84
nut to orifice: .62
RP2 to WS : 2.05

VI label on housing? _____

Pictures Taken (circle all that apply): *Sensor* *Upstream* *Downstream* *Other* **Camera Owner:** AES

Barometric Pressure (BP) at same Site?(circle one): Yes No **Reference BP Site Name:** _____

Departure Time: _____ **Called In at Time:** _____ **Call-in Contact Initials:** _____

Please ensure original inspection sheet is given to SSC team member upon return from field.

RECOVERY

(one form per housing)

STORM SURGE SENSOR INSPECTION FORM

Quick Lookup #

DATE: 2/5/13 **STORM:** post-Sandy **INSPECTORS:** AES / CES

SITE INFORMATION

SITE NAME: _____ **LATITUDE** (DD to 6 places): 40.7259

(Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: Fire Isl Wilderness Breach West **LONGITUDE** (DD to 6 places): -72.8968

SENSOR INFORMATION

Sensor Type (circle one): *HOBO* *TROLL* **Sensor Serial Number:** 23688716

Recovery Time (GMT): 1430 EST **Tapedown or Tapeup from Housing Nut:** _____ feet

Sensor in Water (circle one): *YES* *NO* **Housing Correction Factor:** 0.62 feet (nut to orifice)

Slippage during deploy? (circle one): *YES* *NO* **Slippage distance:** _____ feet (nut to ref. mark)

REFERENCE POINT INFORMATION

RP # 2 Assumed RP elev. = 2.85 * feet

TD from RP = 2.85 feet

Weight length= _____ feet

Subtract total tapedown 0.00 feet

1430 → **Assumed WS elevation** = ~0.2 feet

Add/Subtract Housing TD/TU = _____ feet

Housing Correction Factor = -0.62 feet

Slipping Correction Factor = _____ feet

Sensor Orifice Elevation = -0.62 feet

TD to channel bottom/beach = _____ feet

SITE SKETCH (if needed)

RP2 to nut: 2.85

nut to orifice: 0.62

RP2 to WS: ~2.2 subtract

High-Water Marks (circle one): *YES* *NO*

HWM description: _____

Other notes: _____

left housing on pier

* levels 5/13/13 by MN + KB

Pictures Taken (circle all that apply): *Sensor* *Upstream* *Downstream* *Other* **Camera Owner:** AES

Barometric Pressure (BP) at same Site?(circle one): Yes No **Reference BP Site Name:** Fire Isl Wilderness Baro

Departure Time: _____ **Called In at Time:** _____ **Call-in Contact Initials:** _____

PROCESSING INFORMATION (To be completed by Data Processor)

Raw surge data filename: _____ (filename format: SSS-SS-COU-###.hobo)

Reference BP raw data filename: _____ (filename format: SSS-SS-COU-###BP.hobo)

Proc'd surge data filename: _____ (filename format: SSS-SS-COU-###-final.csv)

PDF graph filename: _____ (filename format: SSS-SS-COU-###-graph.pdf)

Copied to FTP location (circle one): YES NO **Completion Date:** _____ **Processor Initials:** _____

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STORM SURGE SENSOR INSPECTION FORM

Quick Lookup # _____

DATE: 11/6/12 **STORM:** post Sandy **INSPECTORS:** NCS / CCS

SITE INFORMATION

SITE NAME: _____ **LATITUDE** (DD to 6 places): 40.7323

(Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: Fire Island Wilderness Breach **LONGITUDE** (DD to 6 places): 72.8661

STATE: NY **COUNTY:** Suffolk **Landowner notified** (circle one): Yes No

SENSOR INFORMATION

Sensor Type (circle one): HOBO *TROLL* Sensor Serial Number: 9800741

Deployed As (circle one): *water level* *barometric pressure* *wave height*

Deployment Time (GMT): 1650

Tapedown or Tapeup from Housing Nut: _____ feet

Sensor Data Interval (circle one): ~~*30 sec 2 sec*~~ 6 min

Housing Correction Factor: _____ feet (nut to orifice

Sensor Logging Start Time (GMT) _____

Sensor in Water (circle one): *YES* *NO*

REFERENCE POINT INFORMATION

RP # ____ Assumed RP elev. = _____ feet

TD from RP = _____ feet

Weight length= _____ feet

Subtract total tapedown _____ feet

Assumed WS elevation = _____ feet

Add/Subtract Housing TD/TU = _____ feet

Housing Correction Factor = _____ feet

Sensor Orifice Elevation = _____ feet

TD to channel bottom/beach = _____ feet

RP description: _____

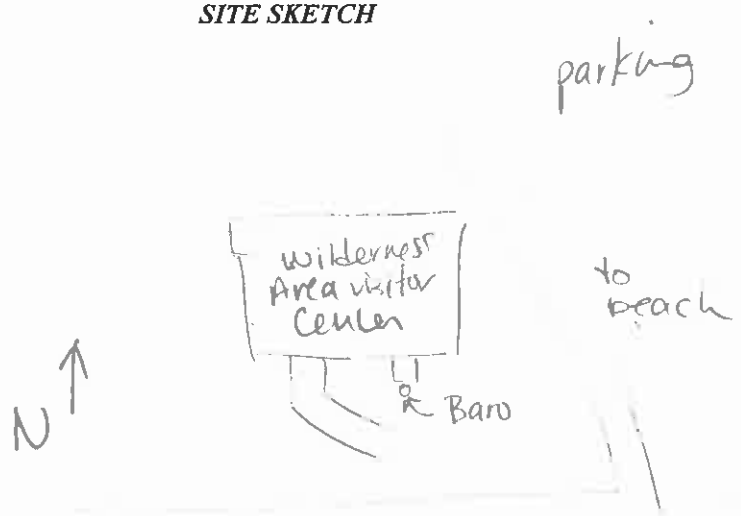
_____

_____

Other notes: On post of Wilderness Area Visitors Center on South side

VI label on housing? yes

SITE SKETCH



Pictures Taken (circle all that apply): *Sensor* *Upstream* *Downstream* *Other* **Camera Owner:** NCS

Barometric Pressure (BP) at same Site?(circle one): Yes No **Reference BP Site Name:** _____

Departure Time: _____ **Called In at Time:** _____ **Call-in Contact Initials:** _____

Please ensure original inspection sheet is given to SSC team member upon return from field.

RECOVERY

(one form per housing)

STORM SURGE SENSOR INSPECTION FORM

Quick Lookup #

DATE: 2/5/13 **STORM:** post-Sandy **INSPECTORS:** AES / CES

SITE INFORMATION

SITE NAME: _____ **LATITUDE** (DD to 6 places): 40.7323

(Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: Fire Isl Wilderness Baro **LONGITUDE** (DD to 6 places): -72.8668

SENSOR INFORMATION

Sensor Type (circle one): *HOBO* *TROLL* **Sensor Serial Number:** 9800741

Recovery Time (GMT): 1540 EST **Tapedown or Tapeup from Housing Nut:** _____ feet

Sensor in Water (circle one): *YES* (NO) **Housing Correction Factor:** 0.060 feet (nut to orifice)

Slippage during deploy? (circle one): *YES* *NO* **Slippage distance:** _____ feet (nut to ref. mark)

REFERENCE POINT INFORMATION

RP # ____ Assumed RP elev. = _____ feet

TD from RP = _____ feet

Weight length= _____ feet

Subtract total tapedown _____ feet

Assumed WS elevation = _____ feet

Add/Subtract Housing TD/TU = _____ feet

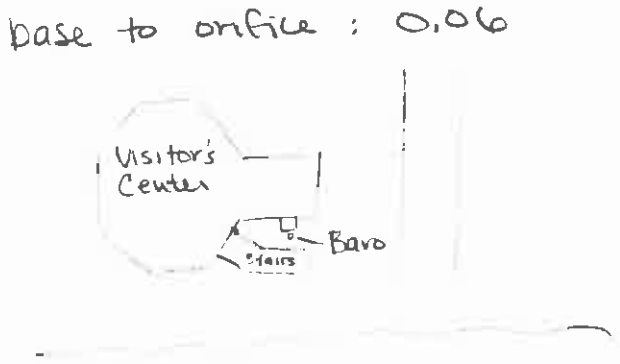
Housing Correction Factor = 0.060 feet

Slipping Correction Factor = _____ feet

Sensor Orifice Elevation = _____ feet

TD to channel bottom/beach = _____ feet

SITE SKETCH (if needed)



High-Water Marks (circle one): *YES* *NO*

Other notes: left housing on post

HWM description: _____

Pictures Taken (circle all that apply): *Sensor* *Upstream Downstream* *Other* **Camera Owner:** AES

Barometric Pressure (BP) at same Site?(circle one): Yes No **Reference BP Site Name:** _____

Departure Time: _____ **Called In at Time:** _____ **Call-in Contact Initials:** _____

PROCESSING INFORMATION (To be completed by Data Processor)

Raw surge data filename: _____ (filename format: SSS-SS-COU-###.hobo)

Reference BP raw data filename: _____ (filename format: SSS-SS-COU-###BP.hobo)

Proc'd surge data filename: _____ (filename format: SSS-SS-COU-###-final.csv)

PDF graph filename: _____ (filename format: SSS-SS-COU-###-graph.pdf)

Copied to FTP location (circle one): YES NO **Completion Date:** _____ **Processor Initials:** _____