Associated Gum

HAR-10

HWM-MS-JAC-406 7.65 - Fair washline

USGS STM SENSOR RECOVERY FORM (one form per housing)

DATE: 9-4-12 **STORM:** ISAAC **INSPECTORS:** AEL

Housing #

SITE INFO

SITE ID: SSS-MS-JAC-037WL **LAT** (DD to 6 places): 30.43813

(format: SSS-ST-COU-###PP; see SOP)

SITE NAME: Martin Bayou **LONG** (DD to 6 places): 88.88013

STATE: _____ **COUNTY:** _____ **Landowner Info: Notified** (Yes/No) **Name:** _____

SENSOR INFORMATION

Sensor Type (circle one):
Hobo Troll
RDG RDW
HWM
Other? _____
Serial # _____

Deployed as (circle one):
Water level (WL)
Barg Pressure (BP)
Wave Height (WV)
HWM
Other?

Data Interval:
30 sec 2 sec Other: _____
Sensor Deploy Time (GMT): _____
Data Start Time (GMT): _____
Sensor in Water (Y/N)

BP sensor collocated? *(Yes/No)*
BP Site ID: _____
USGS VI on housing? *(Yes/No)*

DETERMINE WATER SURFACE

Water Surface Reference Point (WSRP) Info

Reference Point (WSRP) # _____
WSRP elevation (feet): _____
Elevation Assumed? *(Yes/No)*
WSRP description:

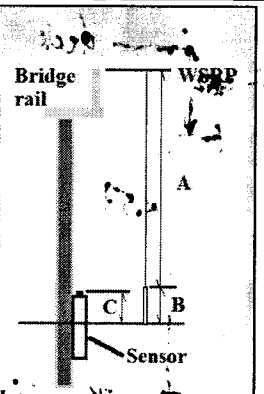
Add 5.57 to rod length to get to top of Hobo elevation

Water Surface (WS) Elev. Calculations

TD Time: _____ GMT

WSRP elevation (WSRP): _____ feet
Tapedown (A): 5.82 feet
Weight length (B): 1.08 feet
Total TD (A + B): _____ feet
WS = WSRP – (A + B): _____ feet

WS conditions (circle)? Calm Choppy Wavy



DETERMINE THE SENSOR HOUSING ELEVATION

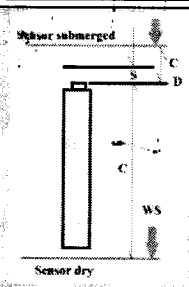
To determine the Sensor Housing Elevation using a tape up/tape down from the established water surface elevation above, use the box to the right.

Choose option!

If elevation up to SHRP (SHRP) above sensor, then use lower boxes.

Sensor Housing Nut Elevation (D) from WS

Water Surface (WS): _____ feet
Nut in water? Tape up to nut _____ feet
OR
Nut out of water? Tape down: 1.97 feet
D = (WS +/- C) -S: _____ feet

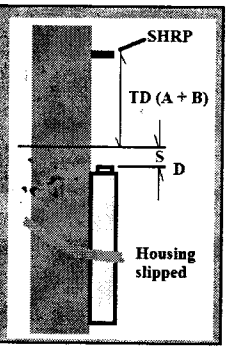


Sensor Housing RP Info

Reference Point (SHRP) # _____
SHRP elevation (feet): _____
Elevation Assumed? *(Yes/No)*
RP description:

Sensor Housing Nut Elevation (D) from SHRP

SHRP elevation: _____ feet
Tapedown (A): _____ feet
Weight length (B): _____ feet
Total TD (A + B): _____ feet
Subtract slippage (S): _____ feet
D = SHRP – (A + B) - S: _____ feet



Flip over to Page 2

USGS STM SENSOR RECOVERY FORM (page 2)

SENSOR ORIFICE ELEVATION

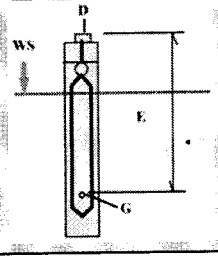
Sensor Orifice Elevation (G = D - E)

Housing Nut (D): _____ feet

Subtract Housing Correction Factor (E): _____ feet

Sensor Orifice Elevation (G):

_____ feet



SENSOR HEIGHT ABOVE GROUND

Use if Sensor Deployed Above Ground w/ no RP Elevation (OEG=D-(H-E))

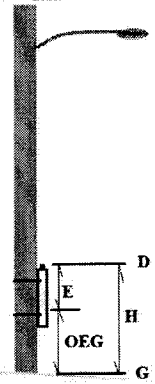
Housing Nut (D): _____ feet

TD to Ground (H): _____ feet

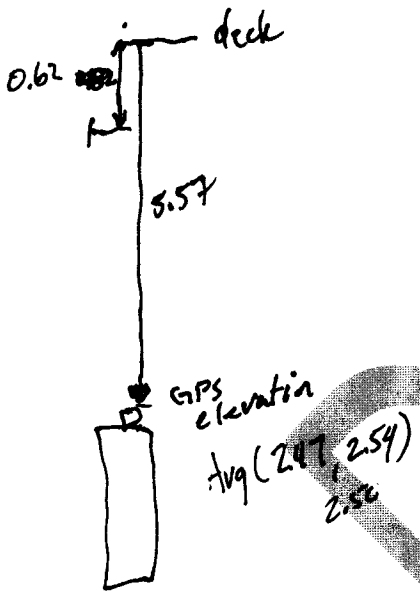
Subtract Housing Correction Factor (E): _____ feet

Data offset for Depth above Ground (OEG): _____ feet

This is used only until RP elevation is surveyed in to get initial estimate of depth above ground surface



DRAW SITE SKETCH BELOW



DRAFT

HWM - MS - JAC - 406

Fair red washline on sidewalk of Mitchell marine services property

Talked to owner

Elevation Avg (7.647, 7.663)

lat 30.43744 long 88.87985

do not use hoboshotz

Hobo 2.47 + 2.54 = 2.51

CHECK IN!!	Pictures Taken (circle all that apply): Sensor RP RM North South East West
	Departure Time: _____ GMT Check-In Time: _____ GMT STM Coord. on duty: _____