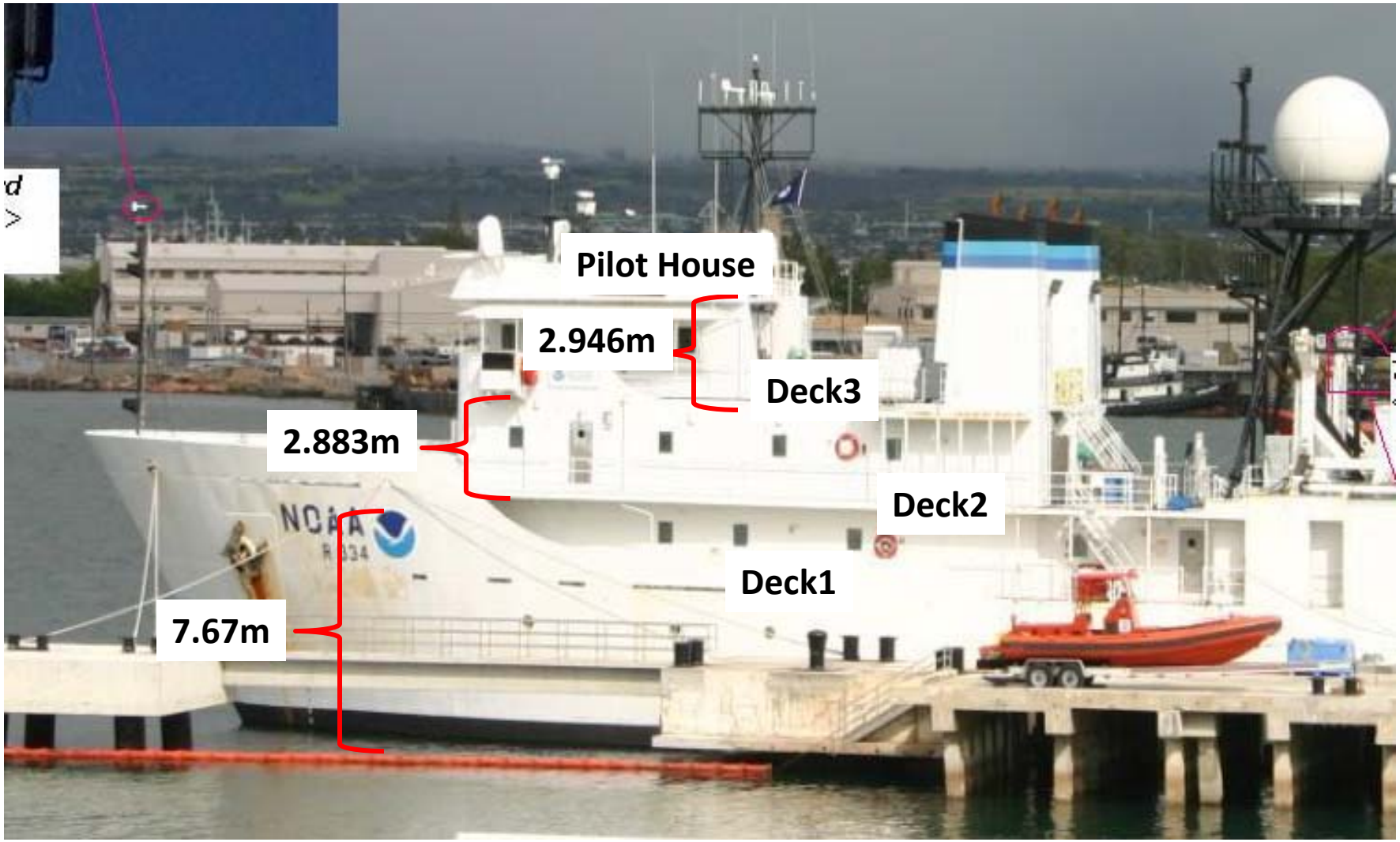
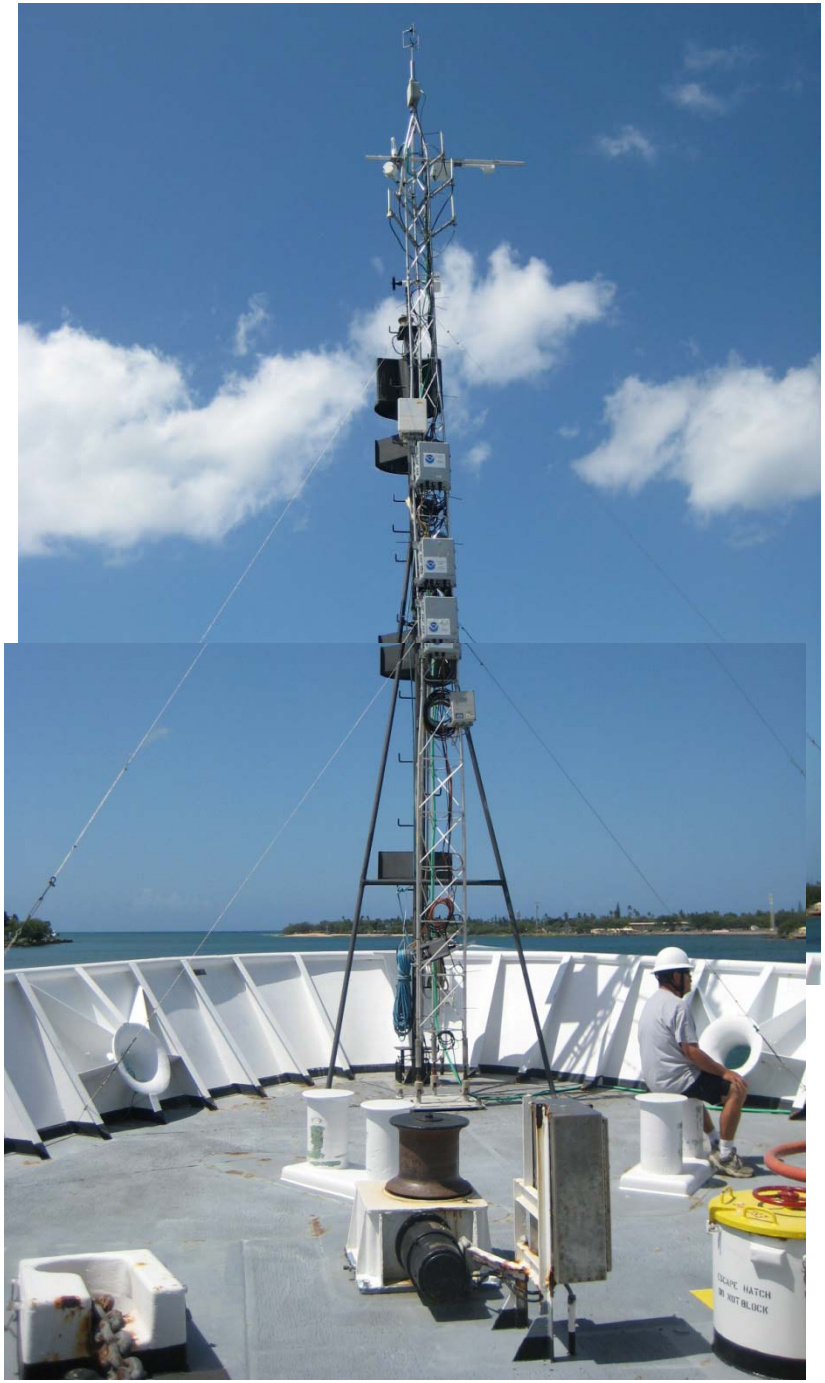

Windbird
>>>>>>
Rear Port View
Temp/RH Baro
<<<<<<<<<<<<
Closeup view from forward
NOAA
R 334


NOAA

Ships Instruments	Model
RMY Prop-Vane	05106
RMY T/RH	41382
RMY Multi-Plate Radiation Shield	41003
RMY Pressure	61302
RMY Pressure Port	61002
RMY Ultrasonic	8500
RMY Translator	26700
Vaisala Pressure	PTB330
Vaisala Static pressure head	SPH10



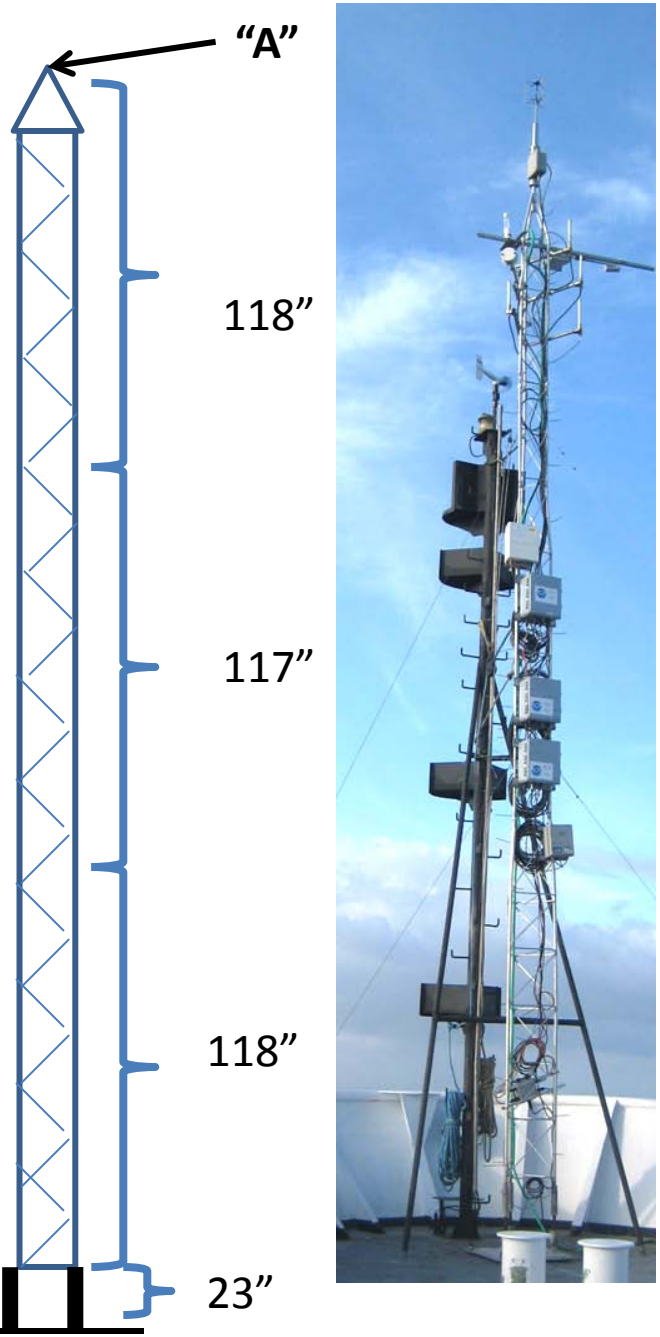
7/11/2013 Measurements

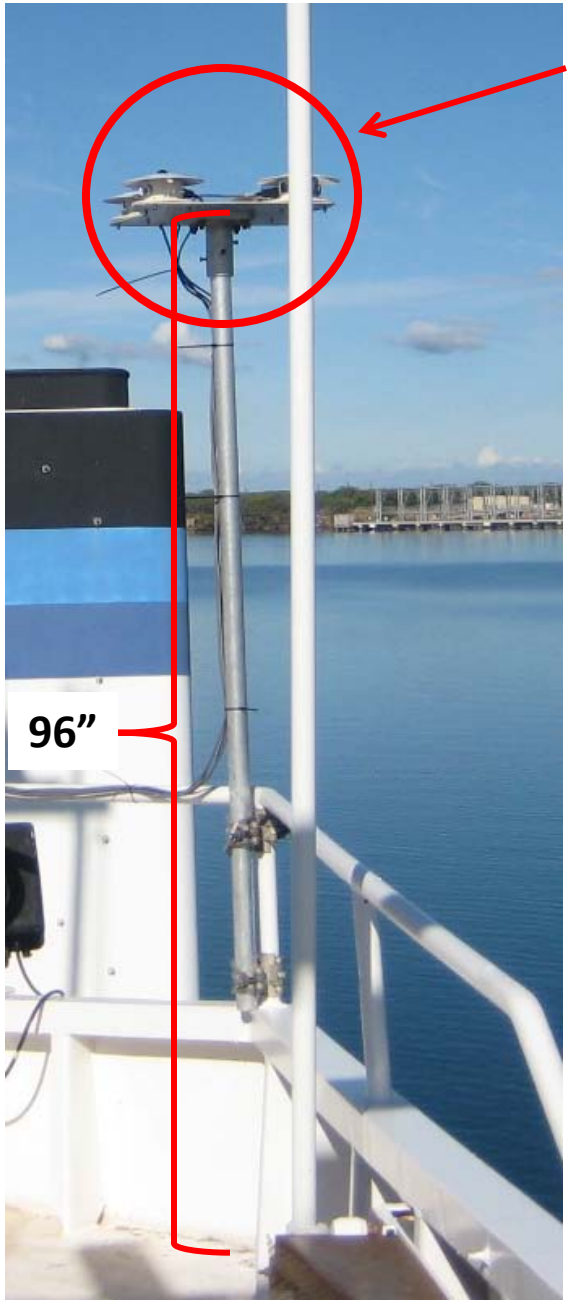

ESCAPE HATCH
DO NOT BLOCK

Tower measurements 7/8/2013

Instruments are referenced to top of tower “A”

		Above water
Sonic	+43” (1.09m)	18.31m
LiCor	-9”	16.99m
T/TH	-40”	16.20m
ORG	-22”	16.66m
Deck to water	25’ 2”	7.67m
Tower =	31.33’ (9.55m)	17.22m

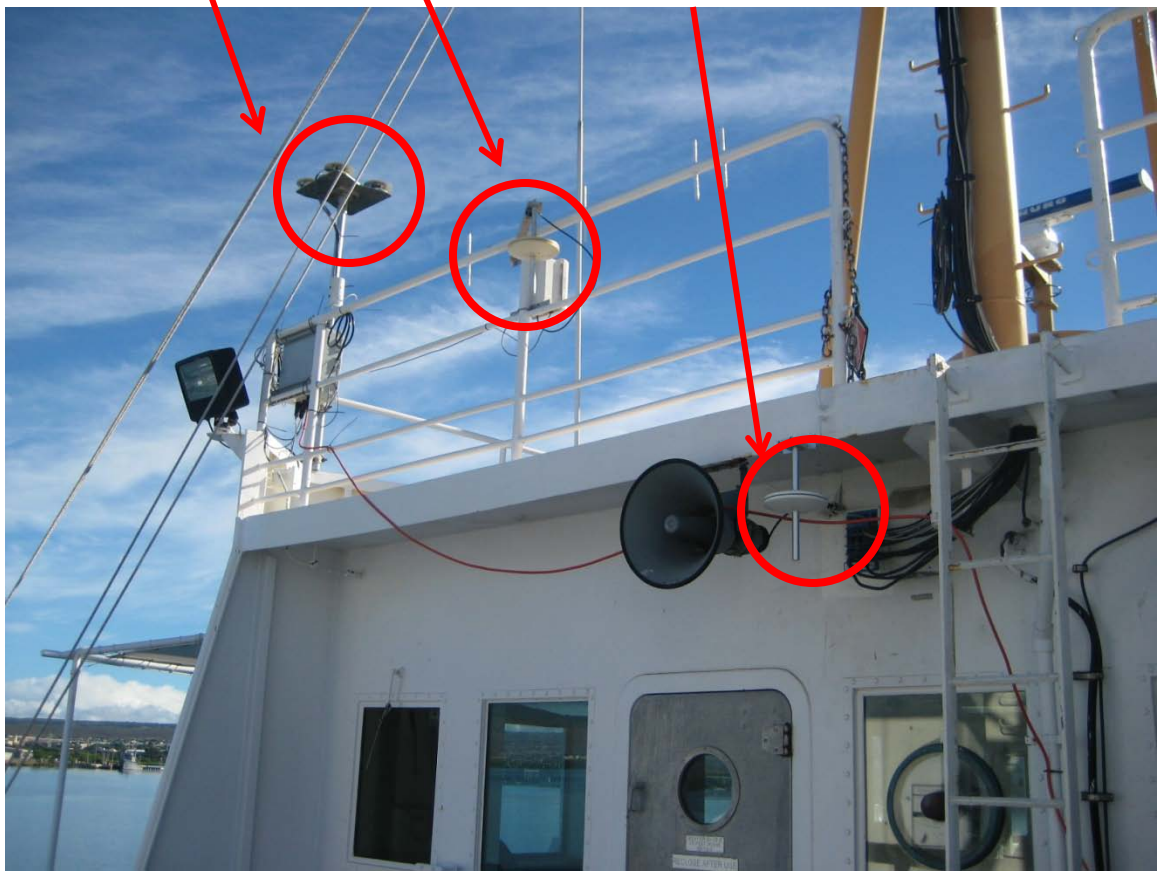




PSD3 radiometers
15.937m above water

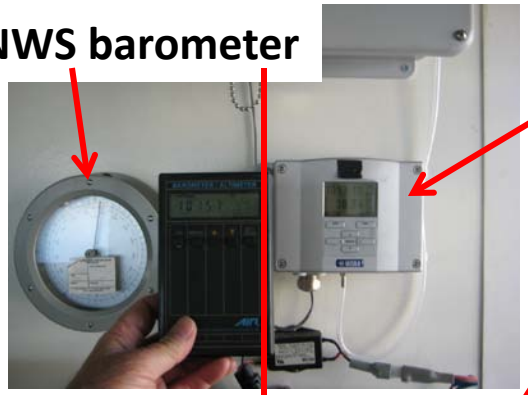
PSD3 dynamic pressure port and sensor
14.388m above water

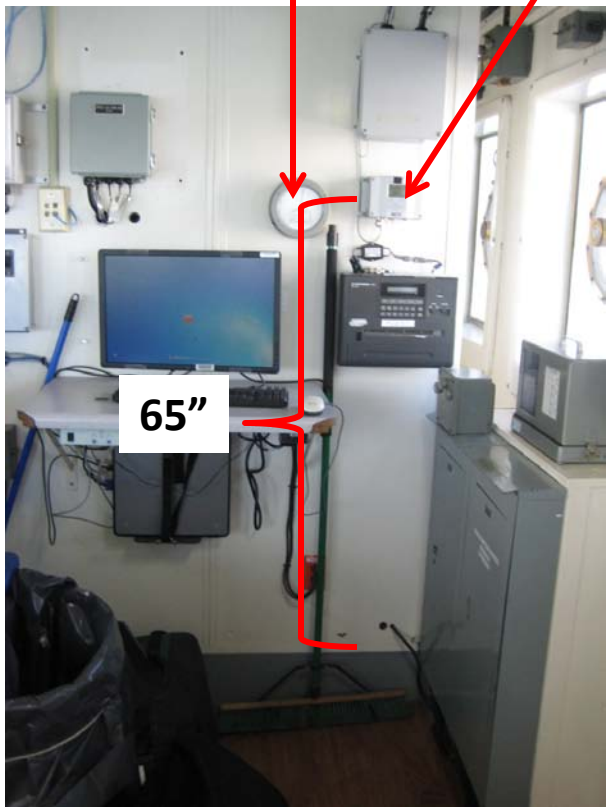
Ship dynamic pressure port
12.02m above water



NWS barometer

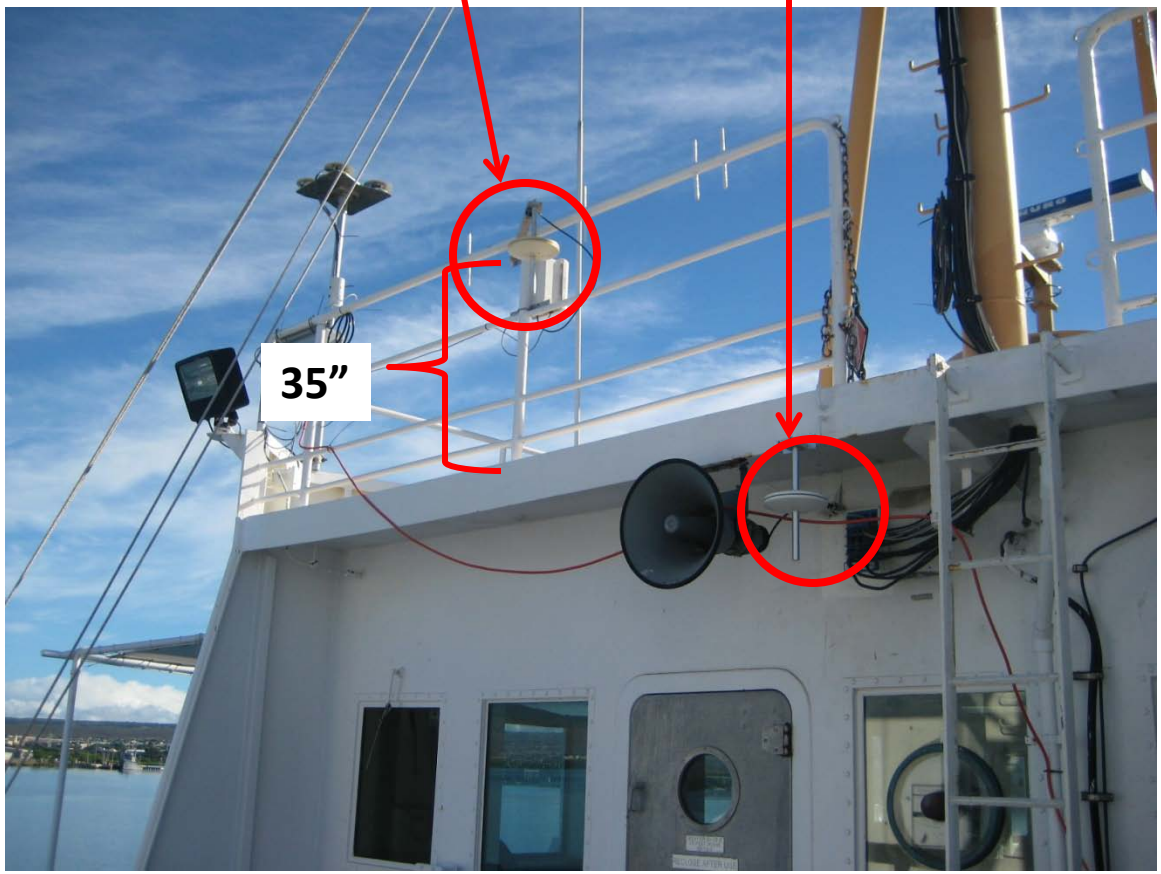
Ship pressure
12.02m above water





PSD3 dynamic pressure port and sensor

Ship dynamic pressure port



PSD3 Hand Held barometer

Ship pressure sensor

Prior to resetting Vaisala unit
w/30m offset

PSD3 Hand Held barometer

Ship pressure sensor
Vaisala PTB330

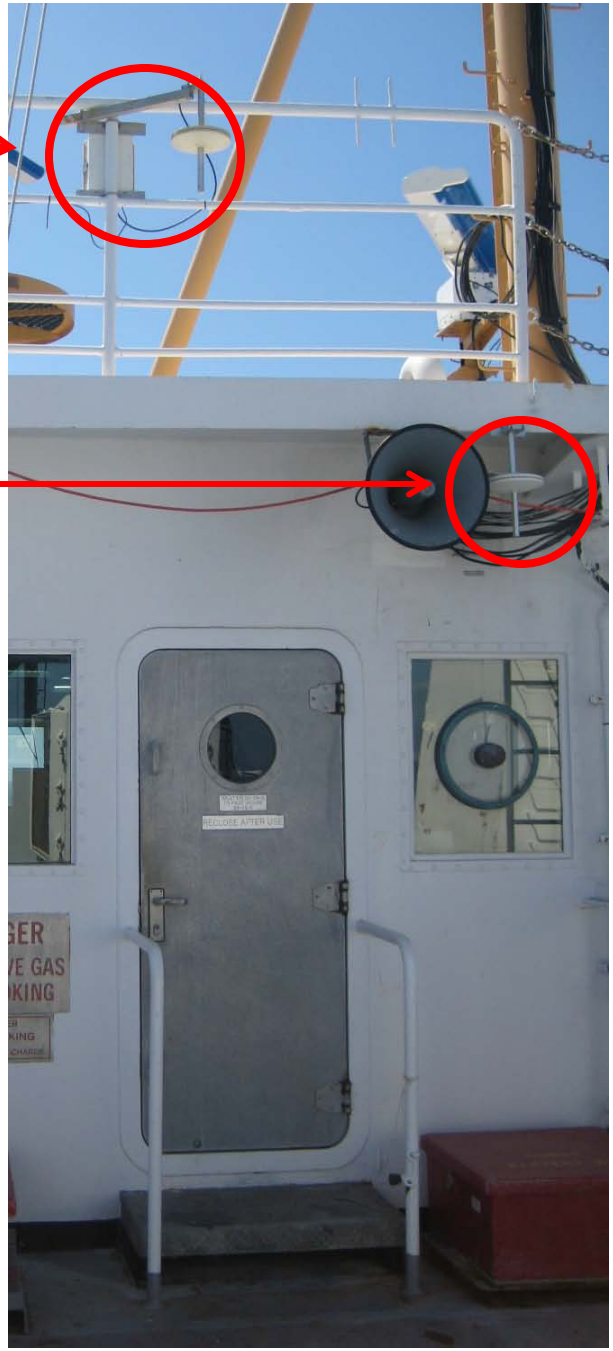
After resetting Vaisala unit
7/11/2013 ~0115UTC

NWS barometer last calibrated 7/25/2011
Appears to be reading Sea level pressure
~.3-.5 mb higher than Vaisala

PSD3 dynamic pressure port and sensor

Ship dynamic pressure port

116 “+ 35” + fm deck 2 to PSD pressure




IMO8835619

Standing plate is 46” above Deck

	Above water
RMY Press	**14.92m**
RMY T/RH	**15.27**
RMY Sonic	**15.88**