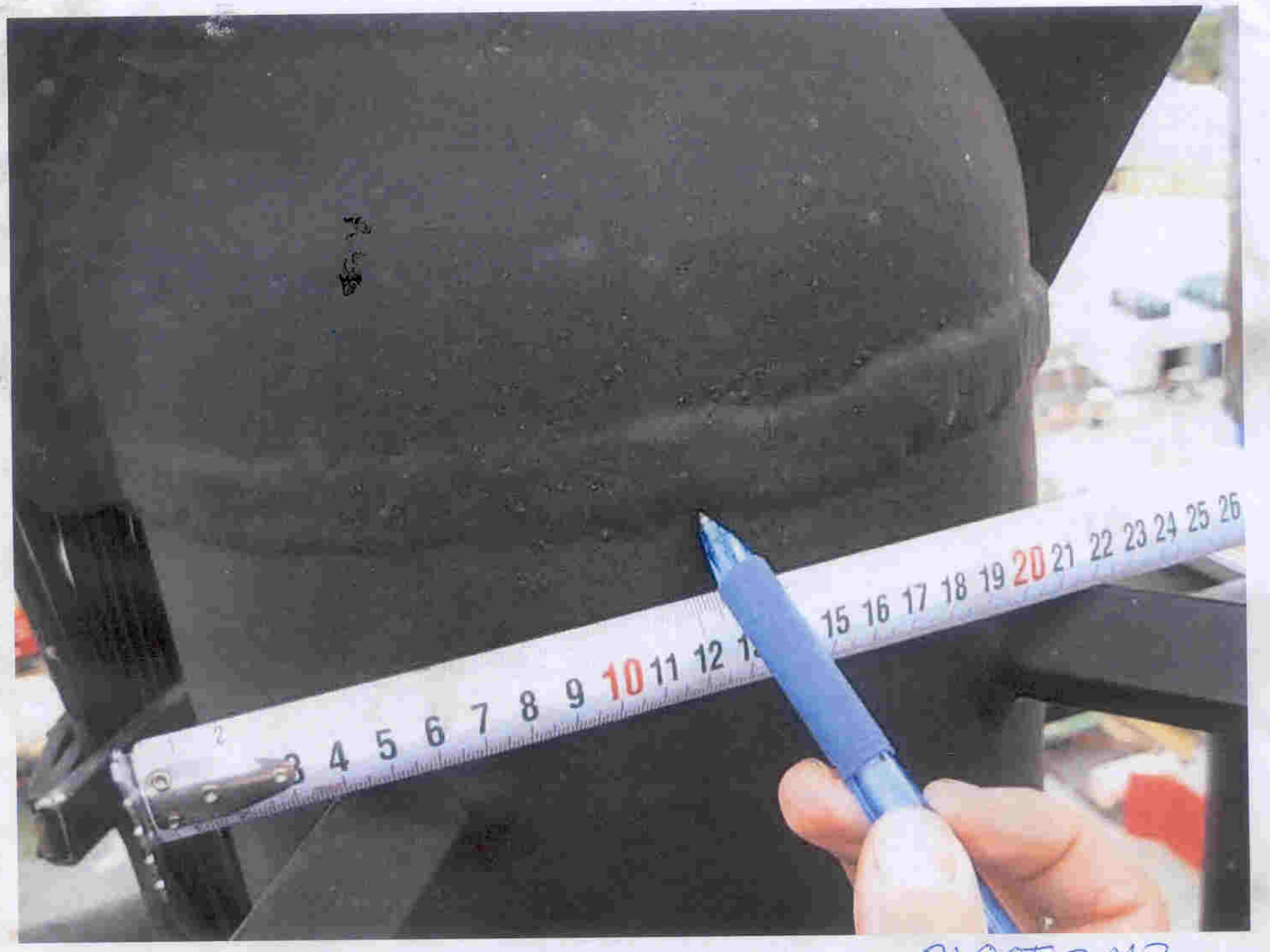


21 OCT 2013

CNAV

fore/aft

X = (.45 meters forward) – (.215 meters)
~~to~~ CNAV to back of rail — BM to back of rail (also forward)

= 0.235 meters forward of BM

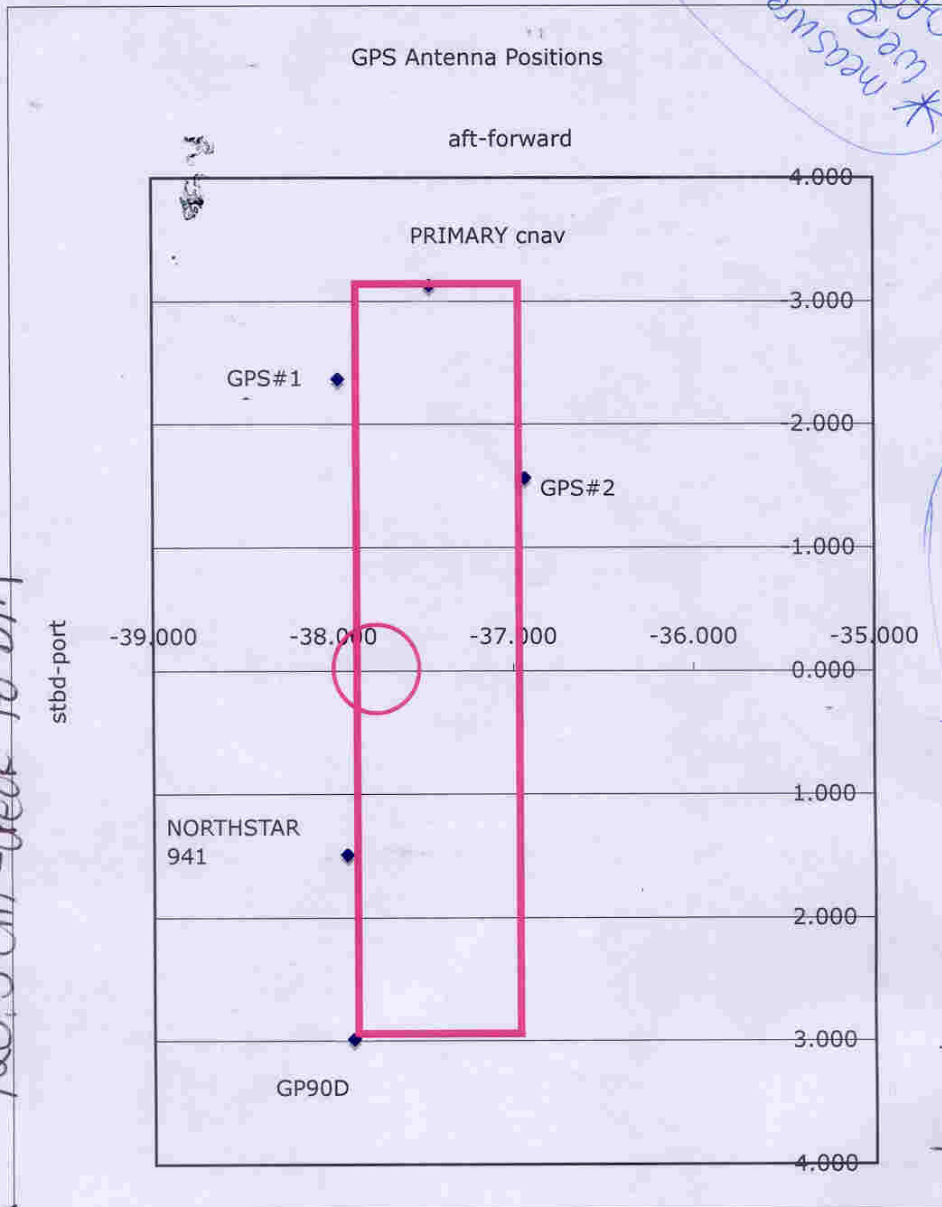
PORT/STBD

Y = ~~0~~ 3.12 meters port of BM

Z = (1.61 meters up) – (1.205 meters) = 0.405 meters up
CNAV up from deck to base of antenna — BM up from deck

add 6.5 ~~cm~~ = 0.065 for base antenna to average phase center L1 & L2

Z = 0.47 meters up from BM



S/N 03 [illegible]

port/stbd = 312 cm port

Z = 161 cm up ← to base of antenna

120.5 cm - deck to BM

CNAV antenna fore/aft = 45 cm of forward / aft of back of rail

21.5 forward of back of rail

BM forward of rail

1850 aft/bridge

234 cm port

121 cm up from deck

0 cm aft of rear side of rail

previous measure 231 cm

Δ = 3 cm

now .005 meters

previous = .012 meters

Δ = 7 mm (0.7 cm)

now = 21.5 + 16 = 37.5 cm aft

prev = 31.6 cm

Δ = 4.1 cm

* measurements were off from previous up to 4.1 cm

3.16 site 0.41

check

Phase Center above antenna base

L2 = 59 mm L1 = 70 mm

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