

Survey

	X (+fwd)	Y (+stbd)	Z (+down)	
PLN1	-26.900 F1 (fwd)	0.743 S1 (stbd)	-2.767	H3
PLN2	-27.565 F3 (aft)	0.742 S2 (stbd)	-2.765	H4
PLN3	-27.566 F4 (aft)	0.172 S4 (port)	-2.769	H2
PLN4	-26.901 F2 (fwd)	0.173 S3 (port)	-2.771	H1

(second highest)
PLN3 → u

d ↓

AFT

u ↑

PLN2 (lowest) → u

PORT

d ←

PLN4 (highest)

d ↓

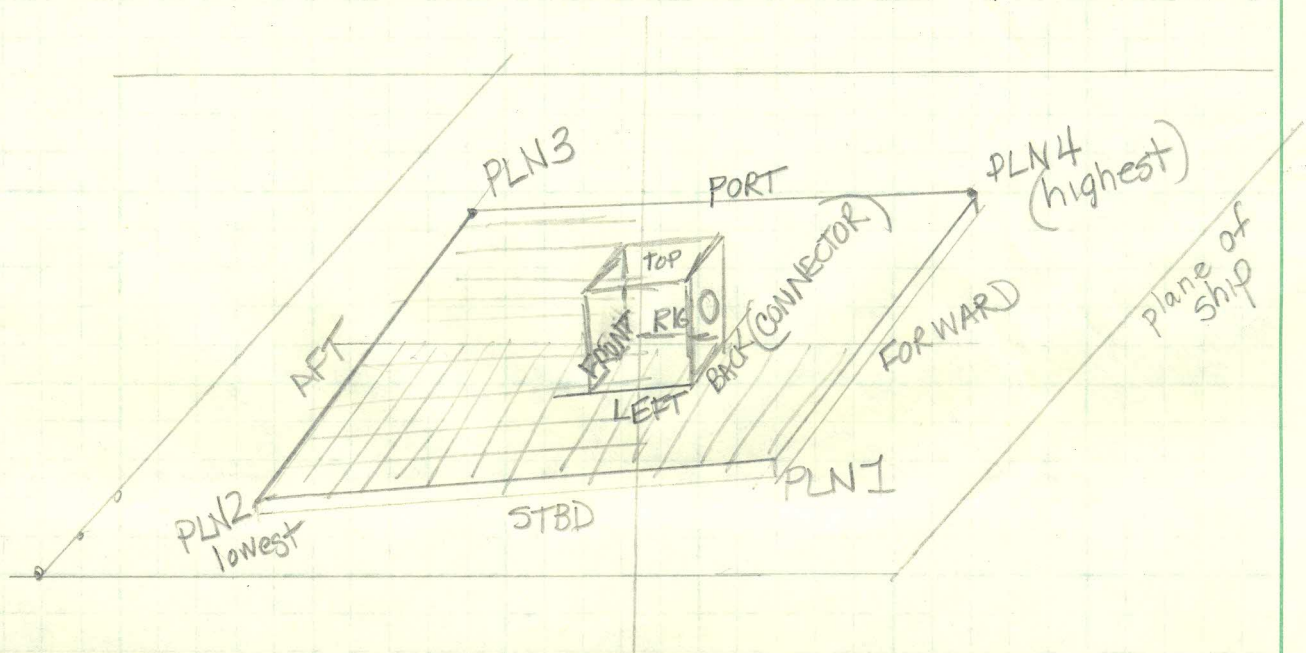
FWD

u ↑

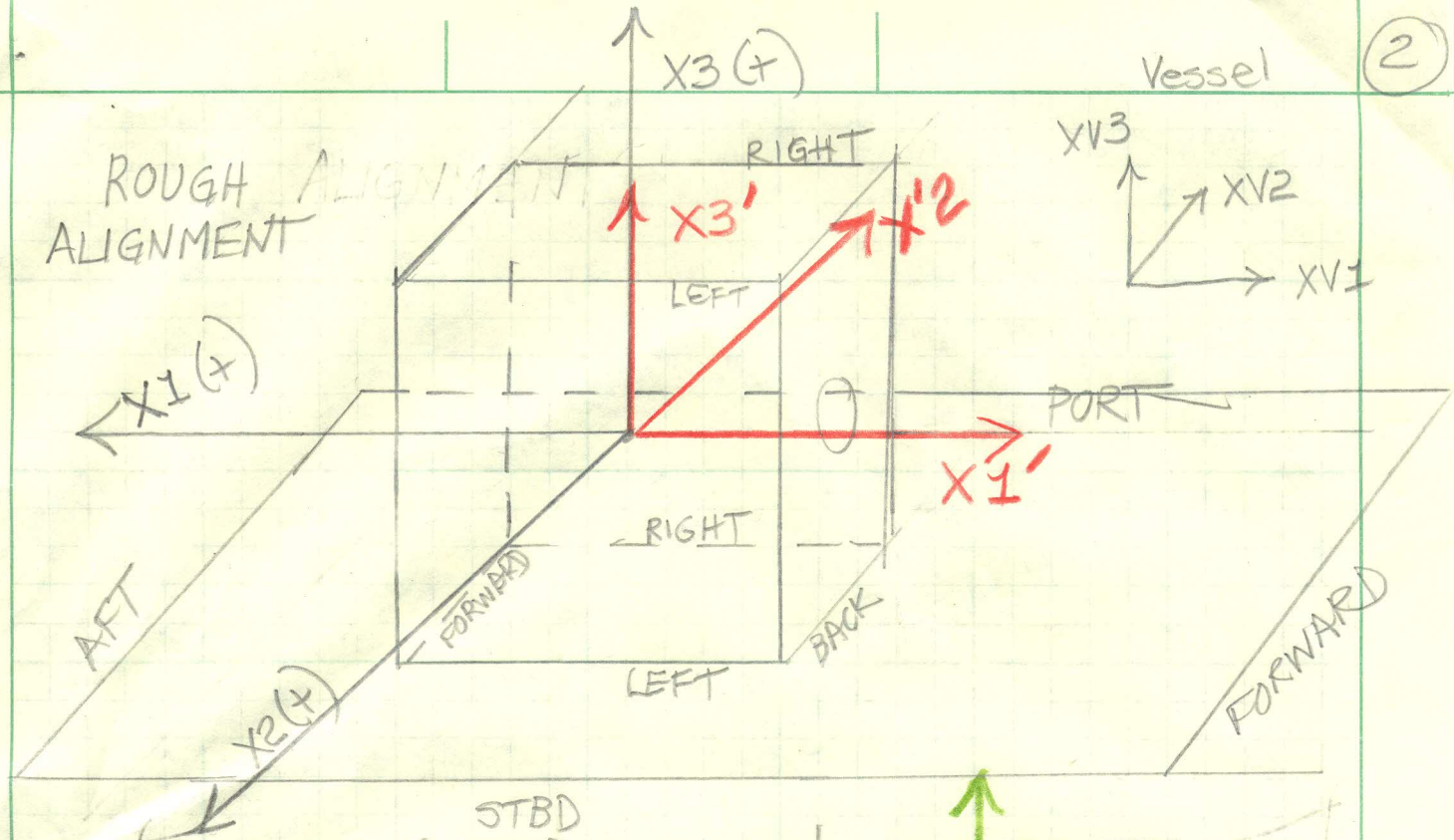
PLN1 (second lowest)

STBD

d ↓

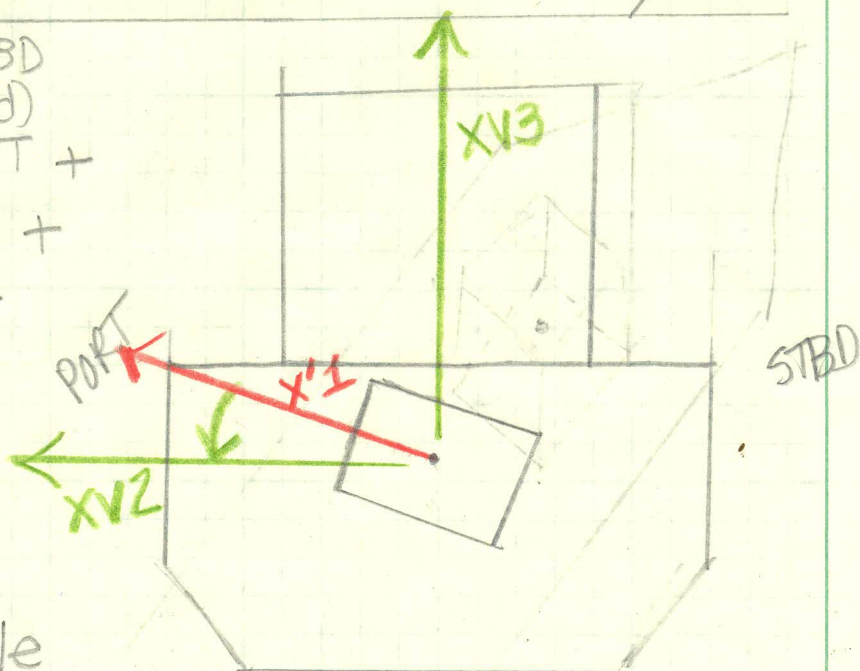


ROUGH ALIGNMENT



PHINS X1 (toward) FRONT +
X2 LEFT +
X3 UP +

Fine alignment



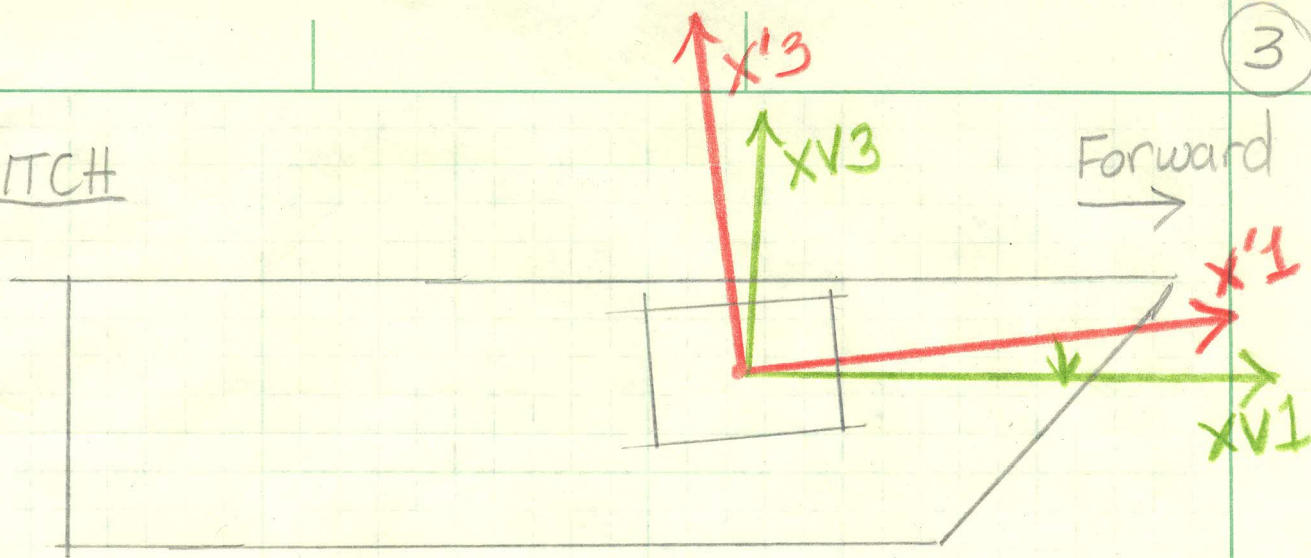
ROLL

same as example
FIG 11.8

Need to roll "PORT DOWN" to correct
OCTANS STANDARD = Port UP is positive
p. V-137

So our offset for roll is negative

PITCH



PITCH

Need to rotate bow down in pitch direction to correct

OCTANS STANDARD Bow DOWN = POSITIVE

so our correction would be positive

