

X offset			CG	Deck Plate CG	Heave Sensor Box	Heave Sensor	Sensor	
Deck plate width	40.38"	X	0.00"	0.00"	-9.44"	-9.32"	-0.24m	
CG	0.00"	Y	0.00"	0.00"	0.56"	0.64"	0.02m	
Deck plate edge	20.19"	Z	0.00"	72.88"	73.00"	77.53"	1.97m	
Sensor box edge	-12.25"							
offset from deck plate								
edge								
1/2 Sensor box width	-7.38"							
Sensor in Box	0.08" 0.2cm							
Offset	0.64"							
	0.05'							
	0.02m							
Y offset								
Deck plate width	40.38"							
CG	0.00"							
Deck plate edge	-20.19"							
Sensor box edge	5.75"							
offset from deck plate								
edge								
1/2 Sensor box width	5.00"							
Sensor in Box	0.12" 0.3cm							
Offset	-9.32"							
	-0.78'							
	-0.24m							
Z offset								
CG	0.00"							
Discuss Angle	-17.40"							
Deck Plate	90.00"							
Deck Plate height	0.25"							
Sensor in Box	4.53" 11.5cm							
Offset	77.38"							
	6.45'							
	1.97m							

^ z
 | ^ x (with cable from box)
 | /
 |-----> y

2.54cm = 1 inch

Heave Sensor offset
 x 0.30cm 0.12"
 y 0.20cm 0.08"
 z 11.50cm 4.53"