



TABLE OF REFERENCES TO GEOMETRIC CENTER

UNITS IN METERS (FT)	0 = GEOMETRIC CENTER		0 = WATERLINE
	-P/+S = X	-A/+F = X	-UP/+DN = Z
REF. POSITION	0	0	0
CENTER PITCH & ROLL	0	0	0
NAUTRONICS HYDROPHONE	-1.83 (6)	5.0 (16.4)	7.8 (25.59)
GPS ANTENNA	0	0.45 (1.48)	-28.6 (93.83)
Vertical Reference Unit (VRU)	0.3 (0.98)	10.8 (35.43)	~1.3 (~4.25)
PORT UQC TRANSDUCER	-2.6 (8.53)	-6.5 (21.33)	5.5 (18.04)
STBD UQC TRANSDUCER	+2.6 (8.53)	+6.5 (21.33)	5.5 (18.04)

ATLANTIS
OUTBD PROFILE
TRUNCATED

MET SENSORS
21 M ABOVE
SEA LEVEL

WL

WL

17.5 FT

FP

1 FRAME = 2 FT

SENSORS REFERENCED TO GEOMETRIC CENTER
R/V ATLANTIS