



Note A → 17.1 m Depth

Note A  
Sphere Depth is Critical  
Moored Depth is 17.1 m

Note B  
Wire Following Profiler with  
Inductive Link  
Profile Depth Interval 24 - 473 m

Note C  
Anchor Recovery Line Pack  
Contains 750 m of 1/2" Amsteel,  
Blue

Note B →

Note C →

15.2 m EM Stretch Hose

Hose Adapter, Universal Joint

64" Subsurface Syntactic Sphere,  
2000 lb Buoyancy

3 m EM Chain (1/2" M.C.) with Coil Cord  
Connector Housing - EM Chain to IM Wire

Bumper Stop

451.0 m TBR 5/16"  
Jac. Nil. Wire Rope

Wire Following Profiler  
AS02CPPM-WF001  
with Inductive Link

Bumper Stop  
Special Inductive Termination

ADCP and Inductive CTD in Frame

20 m 5/16" Jac. Nil. Wire Rope

3 m 1/2" Mooring Chain

(5) Sets of Dually 17" Glass Balls on 2 m 1/2" Mooring Chain  
(4 balls ea. set)

3 m 1/2" Mooring Chain

5 ton Swivel with Bushing and Anodes

Dual Edgetech 8242 Acoustic Release with Line Pack

Dualing 1/2" Mooring Chain

3 m 1/2" Mooring Chain

5200 lb Ww Mace Anchor

520 m Depth

Hardware Required (per mooring without spares)	
Qty	Description
19	5/8" Anchor Shackles
3	3/4" Anchor Shackle
2	7/8" Anchor Shackles
12	5/8" Sling Links
1	1-1/4" Master Link
1	5 ton Swivel, Bushings, Anode

Hardware Designation	
(F)	(1) 5/8" SH, (1) 5/8" SL, (1) 3/4" SH
(H)	(2) 5/8" SH, (1) 5/8" SL
(J)	(1) 5/8" SH, (1) 7/8" EL, (1) 7/8" SH
(K)	(2) 3/4" SH, (1) 5/8" SL
(M)	(1) 1-1/4" Master Link

EL = End Link  
SH = Shackle  
SL = Sling Link

REVISION HISTORY			
REV	DATE	DESCRIPTION	APPROVED
A	04/29/2011	INITIAL RELEASE	DON PETERS

**OOI - CGSN**  
OCEAN OBSERVATORIES INITIATIVE  
COASTAL & GLOBAL SCALE NODES

INTERPRET DRAWING PER IAW  
ANSY 14.5

UNLESS OTHERWISE NOTED:  
DIMENSIONS IN INCHES  
TOLERANCES:

DECIMAL	ANGLE	FRACTION
.x ± 0.1	± 1 deg	± 1/32
.xx ± 0.01		
.xxx ± 0.005		

BREAK ALL SHARP EDGES R0.02 MIN  
READ DIMENSIONS PER ASME Y14.5 - 2009

REFERENCE DESIGNATOR AS02CPPM	
DESIGN	DATE
JOHN KEMP	07/20/2011
DRAFT	DATE
BETSEY DOHERTY	07/20/2011
CHECKED	DATE
KEVIN MACKIE	07/20/2011
APPROVED	DATE
DON PETERS	07/20/2011
MFG APPROVAL	DATE
ED WHITE	07/20/2011

WOODS HOLE OCEANOGRAPHIC INSTITUTION  
APPLIED OCEAN PHYSICS & ENGINEERING  
86 WATER STREET, WOODS HOLE, MA, 02543

TITLE  
**AT2 Coastal Profiler Mooring**

SIZE **A** DWG NO **3607-00006** REV **A**

NOT TO SCALE SHEET 1 OF 2