

50 m (2) 14" Panther Plastic Floats (#714) on Tension Rod
MicroCAT

48.9 m 1/4" Spectra Line

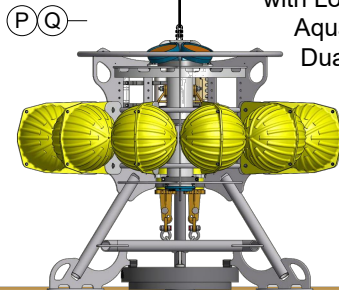
(1) 14" Panther Float 28 m above lower end of Spectra

100 m (W2) (Q) (Q) MicroCAT

← Note A

71 m 1/4" Spectra Line

Ocean Research Benthic Instrument Tripod (ORBIT) ← Table A
with Long Ranger 75 kHz ADCP, MicroCAT,
AquaDopp, KILO, 1000 lb Ww Anchor,
Dual Releases, & (12) 17" Glassballs



Depth 170 m

Note A
Clamp RBR Virtuoso Below
100 meter Microcat

Table A Tripod Instrumentation	
Instrument	Serial Number
ADCP	1467
MicroCat	16859
XEOS Kilo	300234066253190
Aqua Dopp	15635

Hardware Required (per mooring without spares)	
(4)	3/8" Anchor Shackle
(2)	1/2" Anchor Shackle
(1)	250 lb Weak Link
(1)	350 lb Weak Link

Hardware Designation	
(P)	(1) 1/2" SH
(Q)	(1) 3/8" SH
(W1)	250 lb Weak Link
(W2)	350 lb Weak Link



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Rev 1.0

Straneo OSNAP Tripod Mooring CF-1 As Deployed 2020

50 m (W1) (P) (Q) (2) 14" Panther Plastic Floats (#714) on Tension Rod
MicroCAT

48.9 m 1/4" Spectra Line

100 m (W2) (Q) (Q) (1) 14" Panther Float 28 m above lower end of Spectra
MicroCAT

76 m 1/4" Spectra Line

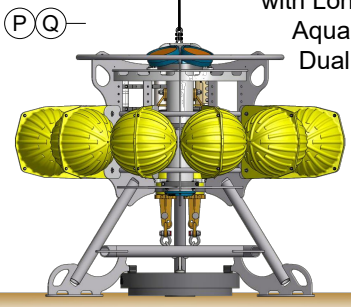
Ocean Research Benthic Instrument Tripod (ORBIT) ← Table A
with Long Ranger 75 kHz ADCP, MicroCAT,
AquaDopp, KILO, 1000 lb Ww Anchor,
Dual Releases, & (12) 17" Glassballs

Depth 178 m

Instrument	Serial Number
ADCP	1468
MicroCat	22096
XEOS Kilo	300234066255200
Aqua Dopp	14577

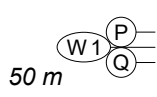
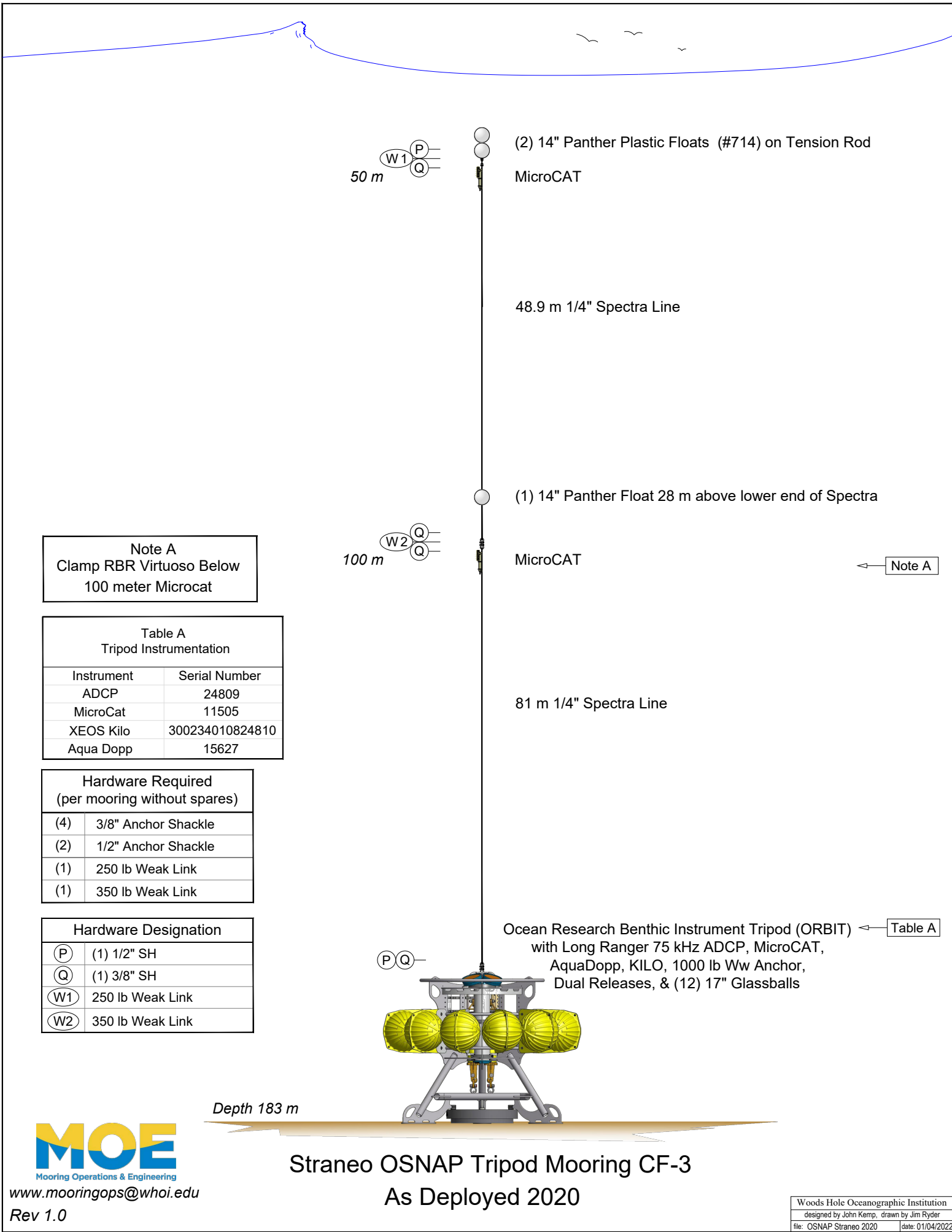
(4)	3/8" Anchor Shackle
(2)	1/2" Anchor Shackle
(1)	250 lb Weak Link
(1)	350 lb Weak Link

(P)	(1) 1/2" SH
(Q)	(1) 3/8" SH
(W1)	250 lb Weak Link
(W2)	350 lb Weak Link



Straneo OSNAP Tripod Mooring CF-2 As Deployed 2020





(2) 14" Panther Plastic Floats (#714) on Tension Rod
MicroCAT

48.9 m 1/4" Spectra Line

(1) 14" Panther Float 28 m above lower end of Spectra



MicroCAT

Note A

Note A
Clamp RBR Virtuoso Below
100 meter Microcat

Table A
Tripod Instrumentation

Instrument	Serial Number
ADCP	24809
MicroCat	11505
XEOS Kilo	300234010824810
Aqua Dopp	15627

81 m 1/4" Spectra Line

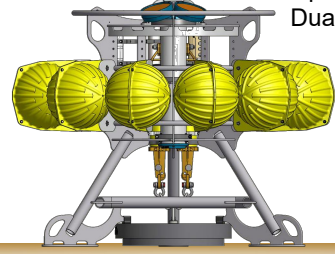
Hardware Required
(per mooring without spares)

(4)	3/8" Anchor Shackle
(2)	1/2" Anchor Shackle
(1)	250 lb Weak Link
(1)	350 lb Weak Link

Hardware Designation

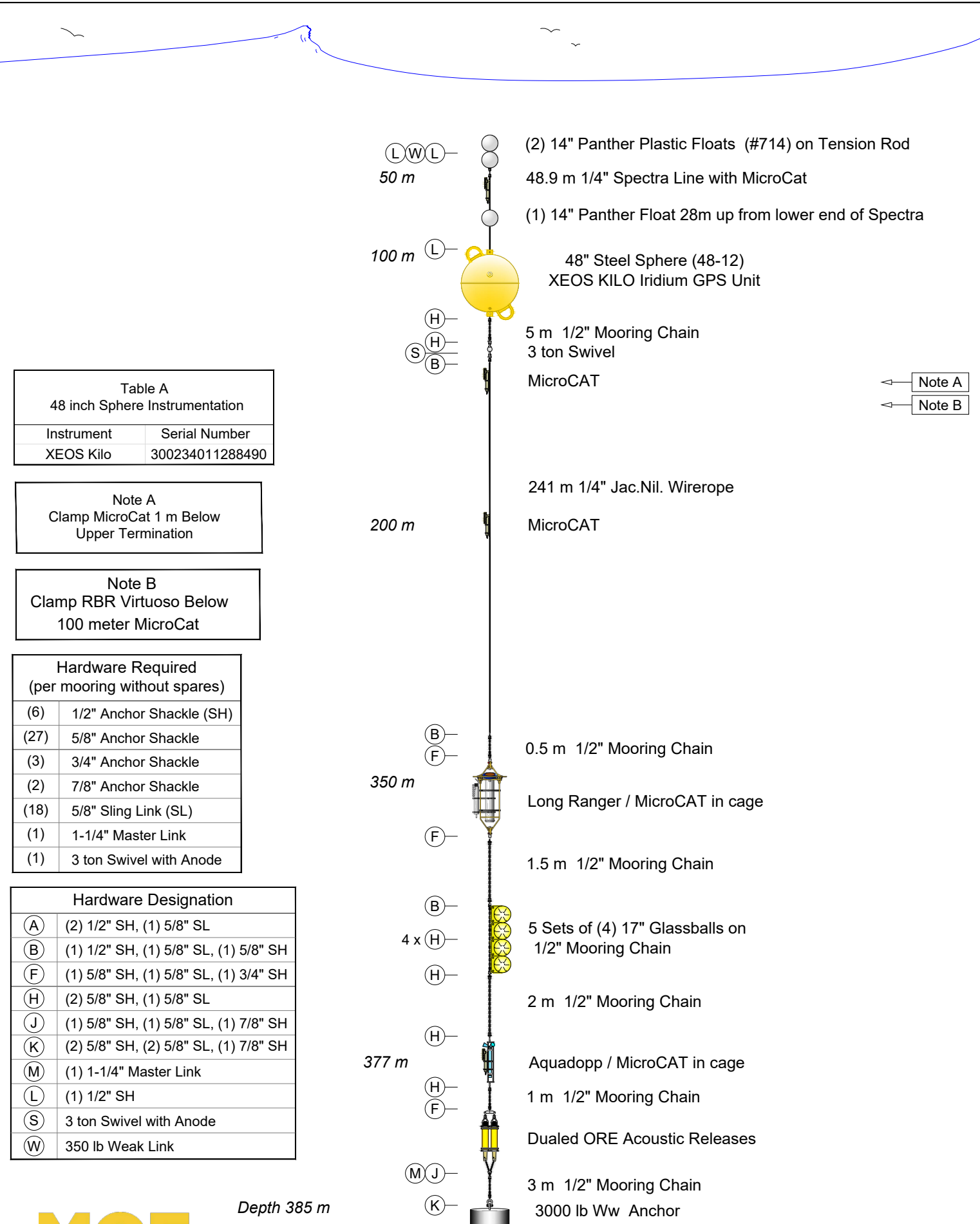
(P)	(1) 1/2" SH
(Q)	(1) 3/8" SH
(W1)	250 lb Weak Link
(W2)	350 lb Weak Link

Ocean Research Benthic Instrument Tripod (ORBIT) ← Table A
with Long Ranger 75 kHz ADCP, MicroCAT,
AquaDopp, KILO, 1000 lb Ww Anchor,
Dual Releases, & (12) 17" Glassballs



Depth 183 m

Straneo OSNAP Tripod Mooring CF-3
As Deployed 2020



(2) 14" Panther Plastic Floats (#714) on Tension Rod
 48.9 m 1/4" Spectra Line with MicroCat
 (1) 14" Panther Float 28m up from lower end of Spectra

48" Steel Sphere (48-12)
 XEOS KILO Iridium GPS Unit

5 m 1/2" Mooring Chain
 3 ton Swivel

MicroCAT

← Note A
 ← Note B

241 m 1/4" Jac.Nil. Wirerope

MicroCAT

0.5 m 1/2" Mooring Chain

Long Ranger / MicroCAT in cage

1.5 m 1/2" Mooring Chain

5 Sets of (4) 17" Glassballs on
 1/2" Mooring Chain

2 m 1/2" Mooring Chain

Aquadopp / MicroCAT in cage

1 m 1/2" Mooring Chain

Dual ORE Acoustic Releases

3 m 1/2" Mooring Chain
 3000 lb Ww Anchor

Depth 385 m

Table A 48 inch Sphere Instrumentation	
Instrument	Serial Number
XEOS Kilo	300234011288490

Note A
 Clamp MicroCat 1 m Below
 Upper Termination

Note B
 Clamp RBR Virtuoso Below
 100 meter MicroCat

Hardware Required (per mooring without spares)	
(6)	1/2" Anchor Shackle (SH)
(27)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(18)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode

Hardware Designation	
(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(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) 5/8" SL, (1) 7/8" SH
(K)	(2) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1-1/4" Master Link
(L)	(1) 1/2" SH
(S)	3 ton Swivel with Anode
(W)	350 lb Weak Link

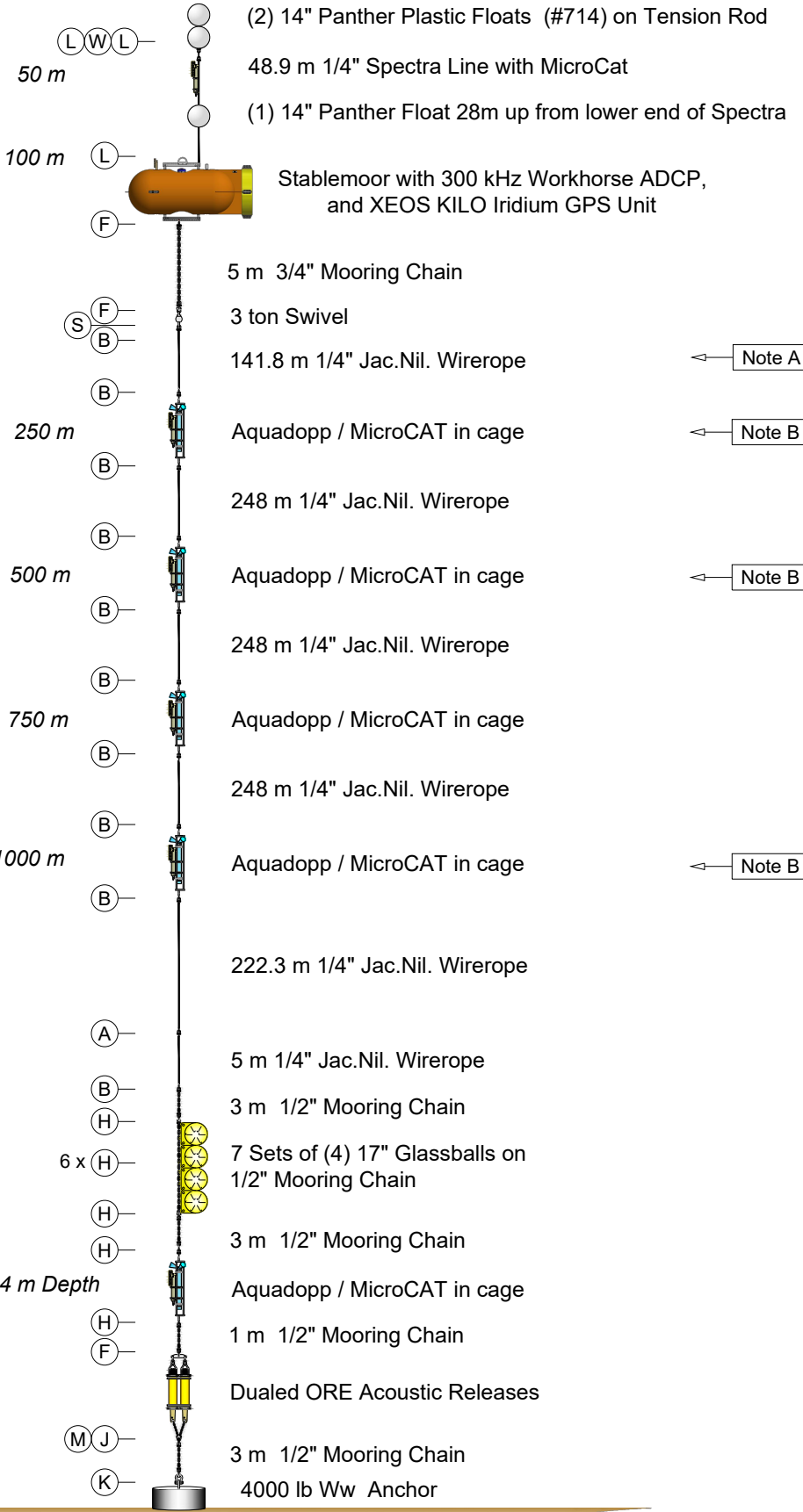


Table A
Stablemoor Instrumentation

Instrument	Serial Number
ADCP	20636
XEOS Kilo	300234060270130

Note A
Clamp MicroCat 1 m Below Upper Termination
Clamp RBR Virtuoso and Duet Below MicroCat

Note B
Clamp RBR Virtuoso Below 250 meter Aquadopp
500 meter Aquadopp
1000 meter Aquadopp

Hardware Required
(per mooring without spares)

(15)	1/2" Anchor Shackle (SH)
(36)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(27)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode

Hardware Designation

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(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) 5/8" SL, (1) 7/8" SH
(K)	(2) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1-1/4" Master Link
(L)	(1) 1/2" SH
(S)	3 ton Swivel with Anode
(W)	350 lb Weak Link

Depth 1270 m

Straneo OSNAP Mooring CF-5
AS Deployed 2020

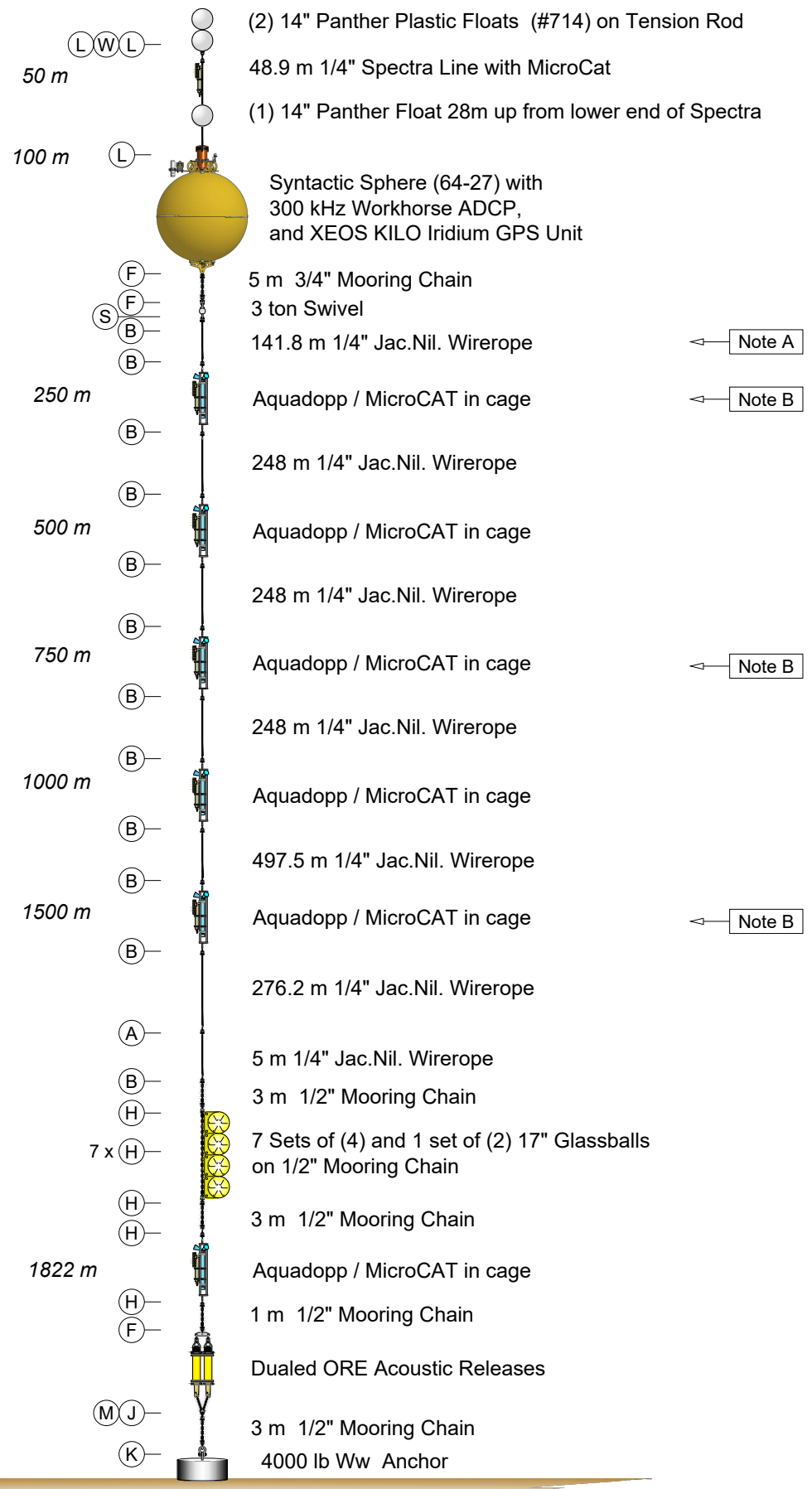
Instrument	Serial Number
ADCP	15448
XEOS Kilo	300234010825820

Note A
Clamp MicroCat 1 m Below Upper Termination
Clamp RBR Virtuoso and Duet Below MicroCat

Note B
Clamp RBR Virtuoso Below 250 meter Aquadopp
750 meter Aquadopp
1500 meter Aquadopp

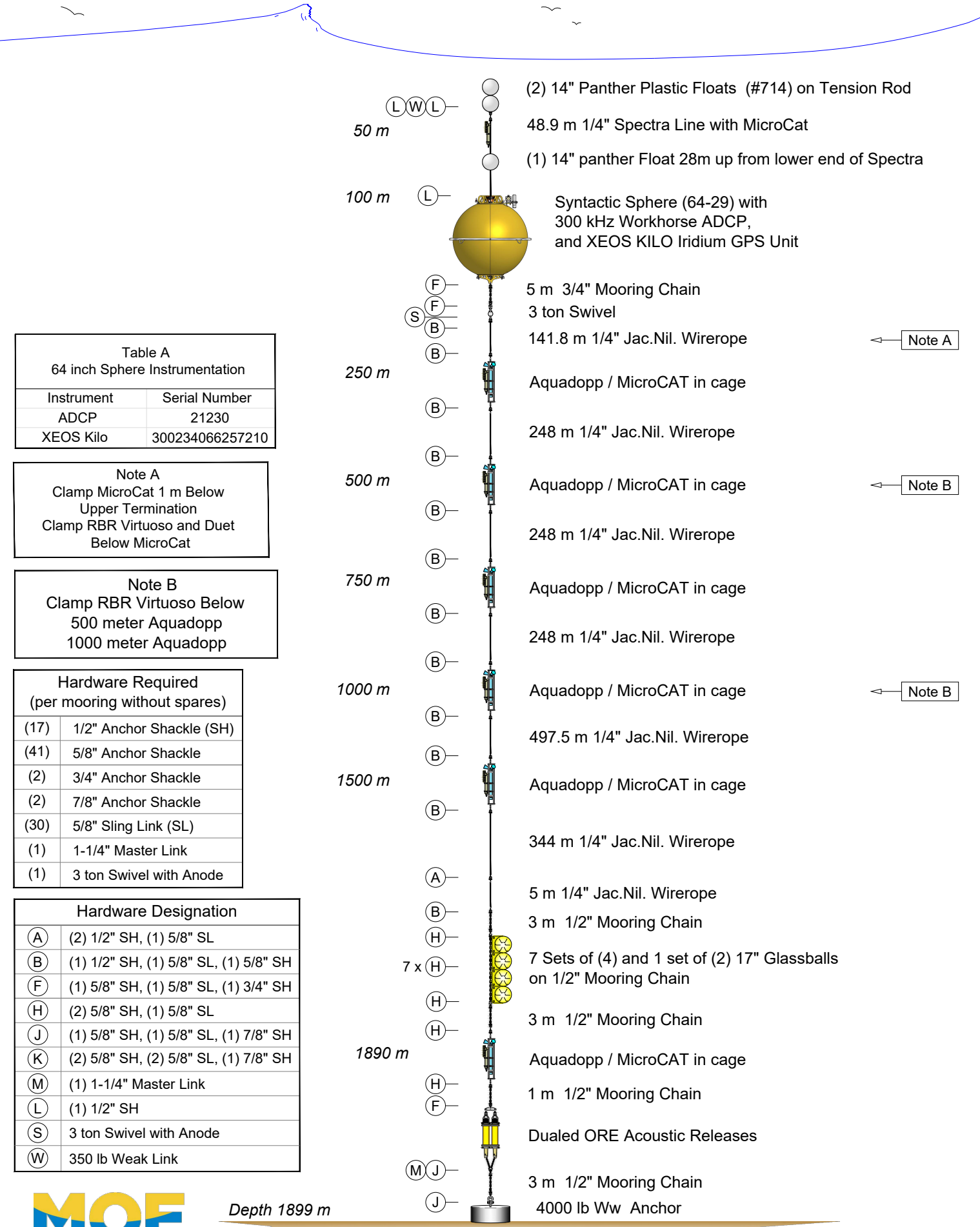
(17)	1/2" Anchor Shackle (SH)
(41)	5/8" Anchor Shackle
(2)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(30)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(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) 5/8" SL, (1) 7/8" SH
(K)	(2) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1-1/4" Master Link
(L)	(1) 1/2" SH
(S)	3 ton Swivel with Anode
(W)	350 lb Weak Link



Depth 1831 m

Straneo OSNAP Mooring CF-6 As Deployed 2020



(2) 14" Panther Plastic Floats (#714) on Tension Rod
 48.9 m 1/4" Spectra Line with MicroCat
 (1) 14" panther Float 28m up from lower end of Spectra

100 m (L) Syntactic Sphere (64-29) with 300 kHz Workhorse ADCP, and XEOS KILO Iridium GPS Unit

(F) 5 m 3/4" Mooring Chain
 (S) 3 ton Swivel
 (B) 141.8 m 1/4" Jac. Nil. Wire rope

← Note A

250 m (B) Aquadopp / MicroCAT in cage
 (B) 248 m 1/4" Jac. Nil. Wire rope

500 m (B) Aquadopp / MicroCAT in cage
 (B) 248 m 1/4" Jac. Nil. Wire rope

← Note B

750 m (B) Aquadopp / MicroCAT in cage
 (B) 248 m 1/4" Jac. Nil. Wire rope

1000 m (B) Aquadopp / MicroCAT in cage
 (B) 497.5 m 1/4" Jac. Nil. Wire rope

← Note B

1500 m (B) Aquadopp / MicroCAT in cage
 (B) 344 m 1/4" Jac. Nil. Wire rope

(A) 5 m 1/4" Jac. Nil. Wire rope
 (B) 3 m 1/2" Mooring Chain

7 x (H) 7 Sets of (4) and 1 set of (2) 17" Glassballs on 1/2" Mooring Chain

(H) 3 m 1/2" Mooring Chain

1890 m (H) Aquadopp / MicroCAT in cage

(F) 1 m 1/2" Mooring Chain

Dual ORE Acoustic Releases

(M) (J) 3 m 1/2" Mooring Chain
 (J) 4000 lb Ww Anchor

Instrument	Serial Number
ADCP	21230
XEOS Kilo	300234066257210

Note A
 Clamp MicroCat 1 m Below Upper Termination
 Clamp RBR Virtuoso and Duet Below MicroCat

Note B
 Clamp RBR Virtuoso Below 500 meter Aquadopp
 1000 meter Aquadopp

(17)	1/2" Anchor Shackle (SH)
(41)	5/8" Anchor Shackle
(2)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(30)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(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) 5/8" SL, (1) 7/8" SH
(K)	(2) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1-1/4" Master Link
(L)	(1) 1/2" SH
(S)	3 ton Swivel with Anode
(W)	350 lb Weak Link

Depth 1899 m

Straneo OSNAP Mooring CF-7 As Deployed 2020



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Rev 1.0

Woods Hole Oceanographic Institution
 designed by John Kemp, drawn by Jim Ryder
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