

50 m Depth (W2) (P) (Q)

(2) 14" Panther Plast Floats (#714) on Tension Rod
MicroCAT (S/N 12216)

48.9 m 1/4" Spectra Line

← Note A

(1) Float 28 m up from lower end of Spectra

(W3) (Q) (Q)

19.2 m 1/4" Spectra Line

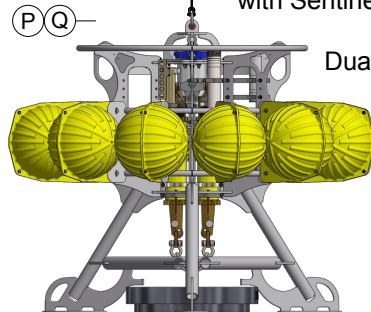
← Note B

Ocean Research Benthic Instrument Tripod (ORBIT) with Sentinel 300 kHz ADCP, MicroCAT, AquaDopp, KILO, 1000 lb Ww Anchor, Dual Releases, & (12) 17" Glassballs

← Table A

← Note C

Depth 121 m



Note A
Tidbit mounted at 75 m

Note B
Tidbit mounted at 100

Note C
Dualing Chain has 5 Links
1/2" Trawler Chain

Table A Tripod Instrumentation	
Instrument	Serial Number
ADCP	2225
MicroCat	12217
Aqua Dopp	6525
XEOS Kilo	1457

Hardware Required (per mooring without spares)	
(4)	3/8" Anchor Shackle
(2)	1/2" Anchor Shackle
(1)	200 lb Weak Link
(1)	300 lb Weak Link

Hardware Designation	
(P)	(1) 1/2" SH
(Q)	(1) 3/8" SH
(W2)	200 lb Weak Link
(W3)	300 lb Weak Link

Pickart OSNAP Mooring LS-A As Deployed 2018

50 m Depth (W2) (P) (Q) (2) 14" Panther Plast Floats (#714) on Tension Rod
MicroCAT (S/N 12322)

48.9 m 1/4" Spectra Line ← Note A

(1) Float 28 m up from lower end of Spectra

(W3) (Q) (Q)

30.2 m 1/4" Spectra Line ← Note B

Ocean Research Benthic Instrument Tripod (ORBIT) ← Table A
with Sentinel 300 kHz ADCP, MicroCAT, AquaDopp,
KILO, 1000 lb Ww Anchor,
Dual Releases, & (12) 17" Glassballs

Depth 134m

← Note C

Note A
Tidbit mounted at 75 m

Note B
Tidbit's mounted at 100 m & 125 m

Note C
Dualing Chain has 5 Links
1/2" Trawler Chain

Table A
Tripod Instrumentation

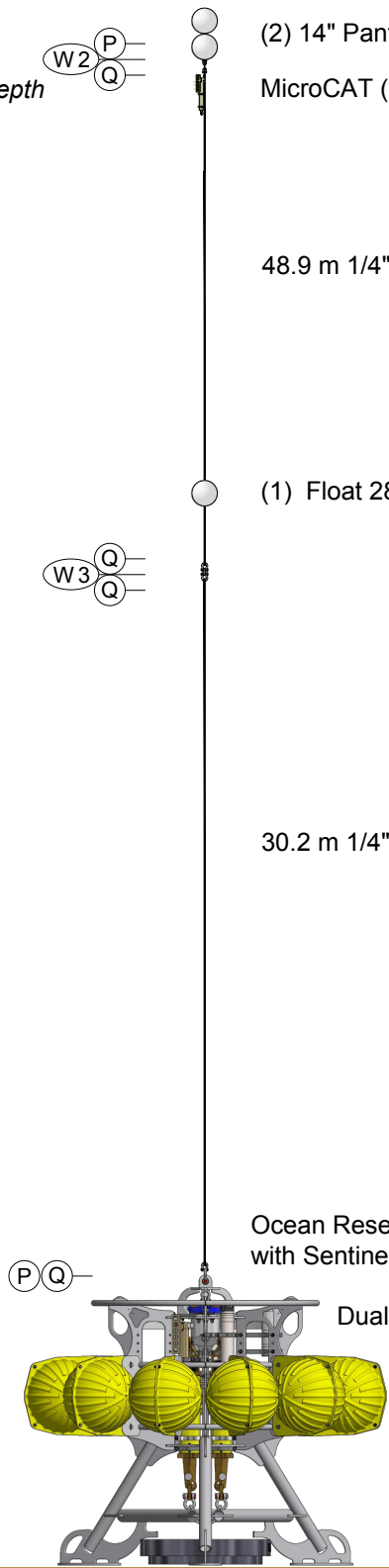
Instrument	Serial Number
ADCP	2231
MicroCat	12323
AquaDopp	9314
XEOS Kilo	1462

Hardware Required
(per mooring without spares)

(4)	3/8" Anchor Shackle
(2)	1/2" Anchor Shackle
(1)	200 lb Weak Link
(1)	300 lb Weak Link

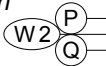
Hardware Designation

(P)	(1) 1/2" SH
(Q)	(1) 3/8" SH
(W2)	200 lb Weak Link
(W3)	300 lb Weak Link



Pickart OSNAP Mooring LS-B
As Deployed 2018

100 m Depth



(2) 14" Panther Plast Floats (#714) on Tension Rod
MicroCAT (S/N 12324)



(1) Float 15 m from upper end of Spectra

Note A

Tidbits mounted at 120 and 140 m

Note B

Dualing Chain has 5 Links
1/2" Trawler Chain

Table A
Tripod Instrumentation

Instrument	Serial Number
ADCP	21229
MicroCat	11500
Aqua Dopp	9309
XEOS Kilo	300234060373130

44.2 m 1/4" Spectra Line

← **Note A**

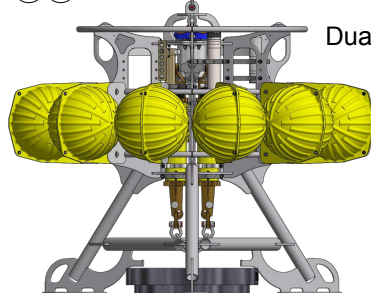
Hardware Required
(per mooring without spares)

(2)	3/8" Anchor Shackle
(2)	1/2" Anchor Shackle
(1)	200 lb Weak Link

Ocean Research Benthic Instrument Tripod (ORBIT) ← **Table A**
with Sentinel 300 kHz ADCP, MicroCAT, AquaDopp,
KILO, 1000 lb Ww Anchor,
Dual Releases, & (12) 17" Glassballs

Hardware Designation

(P)	(1) 1/2" SH
(Q)	(1) 3/8" SH
(W2)	200 lb Weak Link

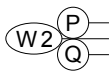


Depth 144 m

← **Note B**

Pickart OSNAP Mooring LS-1
As Deployed 2018

100 m Depth



(2) 14" Panther Plast Floats (#714) on Tension Rod
MicroCAT (S/N 11498)

(1) Float 15 m from upper end of Spectra

Note A

Tidbits mounted at 120, 140, & 150 m

Note B

Dualing Chain has 5 Links
1/2" Trawler Chain

Table A
Tripod Instrumentation

Instrument	Serial Number
ADCP	15481
MicroCat	11501
Aqua Dopp	9310
XEOS Kilo	300234060378110

55.2 m 1/4" Spectra Line

← **Note A**

Hardware Required
(per mooring without spares)

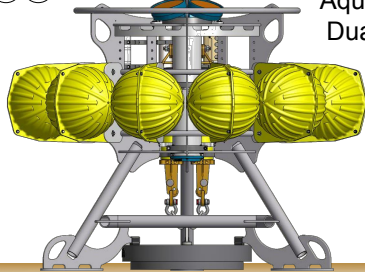
(2)	3/8" Anchor Shackle
(2)	1/2" Anchor Shackle
(1)	200 lb Weak Link

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

← **Table A**

Hardware Designation

(P)	(1) 1/2" SH
(Q)	(1) 3/8" SH
(W2)	200 lb Weak Link

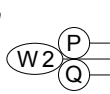


Depth 157 m

← **Note B**

Pickart OSNAP Mooring LS-2
As Deployed 2018

100 m Depth



(2) 14" Panther Plast Floats (#714) on Tension Rod
MicroCAT (S/N 11499)

(1) Float 15 m from upper end of Spectra

Note A
Tidbits mounted at 120 m, 140 m,
160 m , and 180 m

Note B
Dualing Chain has 5 Links
1/2" Trawler Chain

Table A
Tripod Instrumentation

Instrument	Serial Number
ADCP	1432
MicroCat	11502
Aqua Dopp	9308
XEOS Kilo	1459

Hardware Required
(per mooring without spares)

(2)	3/8" Anchor Shackle
(2)	1/2" Anchor Shackle
(1)	200 lb Weak Link

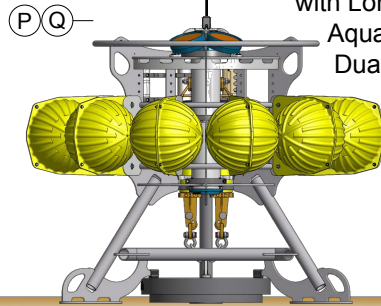
Hardware Designation

(P)	(1) 1/2" SH
(Q)	(1) 3/8" SH
(W2)	200 lb Weak Link

88.2 m 1/4" Spectra Line

← **Note A**

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 190 m

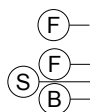
← **Note B**

Pickart OSNAP Mooring LS-3
As Deployed 2018

100 m Depth

Syntactic Sphere with MicroCAT, 300 kHz Workhorse ADCP, XEOS KILO Iridium GPS Unit

← Table A



5 m 3/4" Mooring Chain
3 ton Swivel

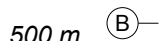
141.8 m 1/4" Jac.Nil. Wirerope



Aquadopp / MicroCAT in cage



247.7 m 1/4" Jac.Nil. Wirerope



Aquadopp / MicroCAT in cage



98.4 m 1/4" Jac.Nil. Wirerope



Aquadopp / MicroCAT in cage



100 m 1/4" Jac.Nil. Wirerope



5 m 1/2" Mooring Chain



5 m 1/2" Mooring Chain



Dualed ORE Acoustic Releases



5 m 1/2" Mooring Chain



3000 lb Ww Anchor

737 m Depth

Instrument	Serial Number
57" Sphere	
ADCP	21228
MicroCat	11506
XEOS Kilo	300234010825820

(9)	1/2" Anchor Shackle
(23)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(18)	5/8" Sling Link
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode

(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
(M)	Master Link
(S)	Swivel

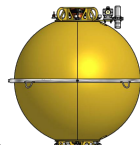
3 x (H)

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



Pickart OSNAP Mooring LS-4 As Deployed 2018

100 m Depth



Syntactic Sphere
with MicroCAT,
300 kHz Workhorse ADCP,
XEOS KILO Iridium GPS Unit

← Table A

(F)
(S) (B)

5 m 3/4" Mooring Chain
3 ton Swivel

250 m (B)

141.8 m 1/4" Jac.Nil. Wirerope
Aquadopp / MicroCAT in cage

← Note A

(B)

247.7 m 1/4" Jac.Nil. Wirerope

500 m (B)

Aquadopp / MicroCAT in cage

(B)

247.7 m 1/4" Jac.Nil. Wirerope

750 m (B)

Aquadopp / MicroCAT in cage

(B)

247.7 m 1/4" Jac.Nil. Wirerope

1000 m (B)

Aquadopp / MicroCAT in cage

(B)

397.2 m 1/4" Jac.Nil. Wirerope

1400 m (B)

Aquadopp / MicroCAT in cage

(B)

50 m 1/4" Jac.Nil. Wirerope

(A)

10 m 1/4" Jac.Nil. Wirerope

(B)

5 m 1/2" Mooring Chain

(H)

6 x (H)

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

(H)

5 m 1/2" Mooring Chain

(F)

Dualed ORE Acoustic Releases

(M) (J)

5 m 1/2" Mooring Chain

(J)

4000 lb Ww Anchor

1521 m Depth

Note A
OSU CHIPODS Mounted at
125 m, 180 m, & 245 m

Instrument	Serial Number
64" Sphere	
ADCP	21233
MicroCat	11507
XEOS Kilo	300234060270130

(15)	1/2" Anchor Shackle
(33)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(26)	5/8" Sling Link
(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
(M)	Master Link
(S)	Swivel

Pickart OSNAP Mooring LS-5
As Deployed 2018

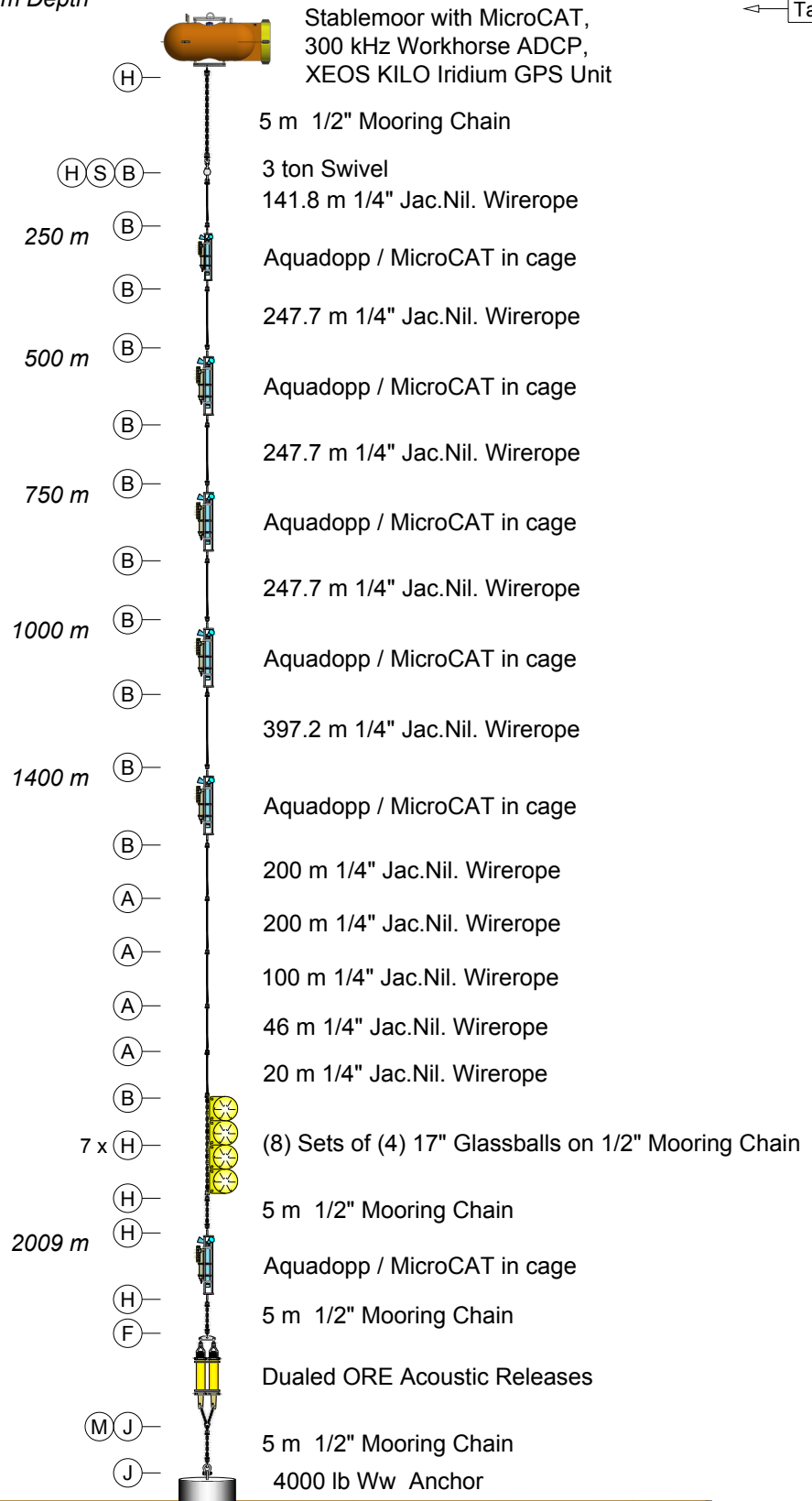
100 m Depth

← Table A

Table A Stablemoor Instrumentation	
Instrument	Serial Number
StableMoor	
ADCP	21226
MicroCat	11508
XEOS Kilo	300234011288490

Hardware Required (per mooring without spares)	
(21)	1/2" Anchor Shackle
(39)	5/8" Anchor Shackle
(1)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(31)	5/8" Sling Link
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode

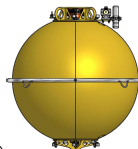
Hardware Designation	
(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(F)	(1) 5/8" SH, (1) 5/8" SL, (1) 3/4" SH
(H)	(2) 5/8" SH, (1) 5/8" SL
(J)	(1) 5/8" SH, (1) 5/8" SL, (1) 7/8" SH
(M)	Master Link
(S)	Swivel



2025 m Depth

Pickart OSNAP Mooring LS-6
As Deployed 2018

100 m Depth



Syntactic Sphere
with MicroCAT,
300 kHz Workhorse ADCP,
XEOS KILO Iridium GPS Unit

← Table A

(F) (S) (B)

5 m 3/4" Mooring Chain
3 ton Swivel

250 m

(B)

141.8 m 1/4" Jac.Nil. Wire rope
Aquadopp / MicroCAT in cage

(B)

247.7 m 1/4" Jac.Nil. Wire rope

500 m

(B)

Aquadopp / MicroCAT in cage

(B)

247.7 m 1/4" Jac.Nil. Wire rope

750 m

(B)

Aquadopp / MicroCAT in cage

(B)

247.7 m 1/4" Jac.Nil. Wire rope

1000 m

(B)

Aquadopp / MicroCAT in cage

(B)

397.2 m 1/4" Jac.Nil. Wire rope

1400 m

(B)

Aquadopp / MicroCAT in cage

(B)

500 m 1/4" Jac.Nil. Wire rope

(A)

96.5 m 1/4" Jac.Nil. Wire rope

2000 m

(B)

Aquadopp / MicroCAT in cage

(B)

200 m 1/4" Jac.Nil. Wire rope

(A)

100 m 1/4" Jac.Nil. Wire rope

(A)

93.3 m 1/4" Jac.Nil. Wire rope

(A)

5 m 1/4" Jac.Nil. Wire rope

2400 m

(B)

Aquadopp / MicroCAT in cage

(H)

5 m 1/2" Mooring Chain

(H)

7 x (H)

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

(H)

5 m 1/2" Mooring Chain

(F)

Dualed ORE Acoustic Releases

(M) (J)

5 m 1/2" Mooring Chain

(J)

4000 lb Ww Anchor

2460 m Depth

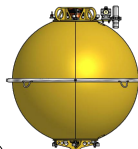
Instrument	Serial Number
64" Sphere	
ADCP	21231
MicroCat	11510
XEOS Kilo	300234010824810

(23)	1/2" Anchor Shackle
(39)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(33)	5/8" Sling Link
(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
(M)	Master Link
(S)	Swivel

Pickart OSNAP Mooring LS-7 As Deployed 2018

100 m Depth



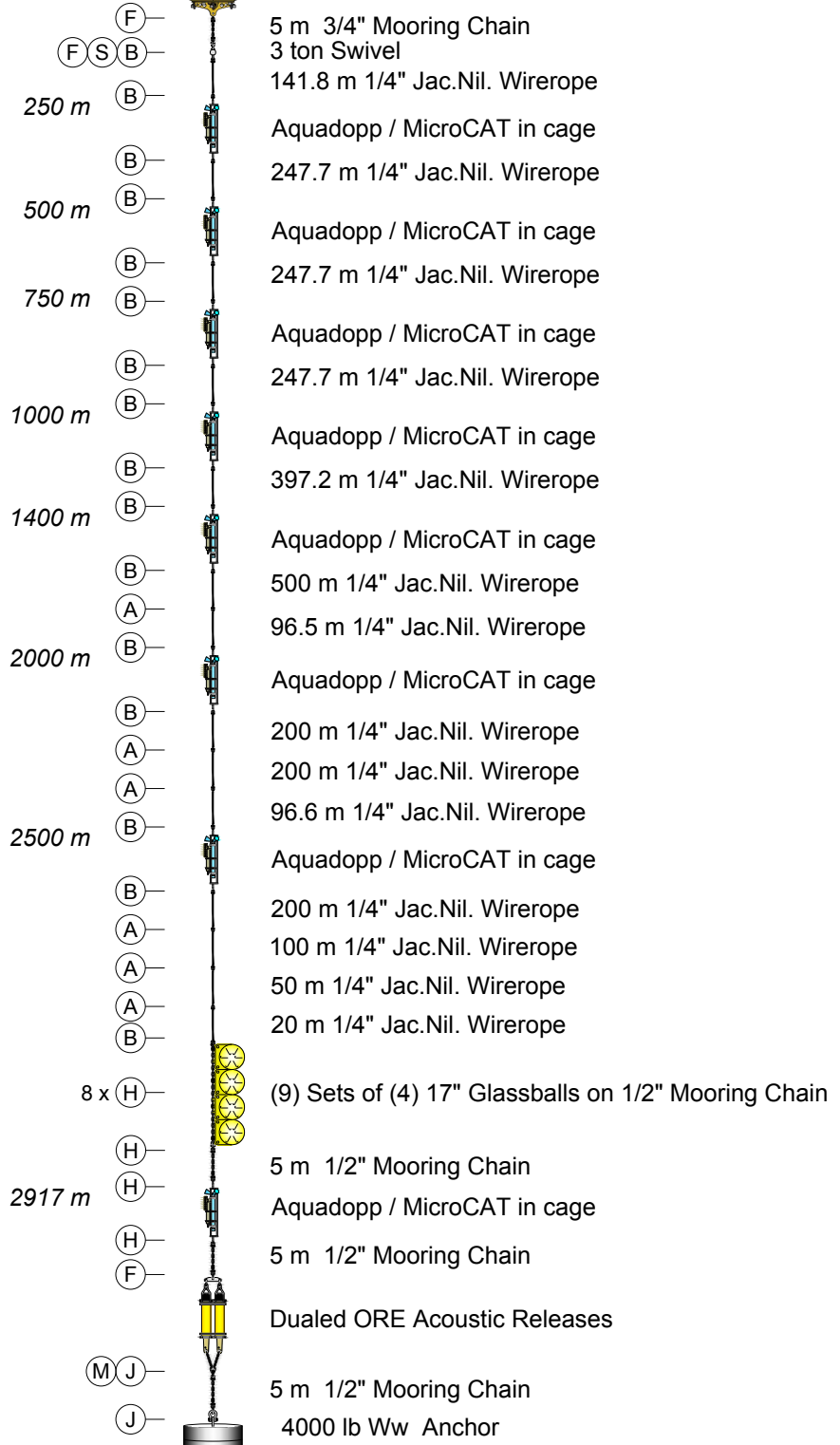
Syntactic Sphere
with MicroCAT,
300 kHz Workhorse ADCP,
XEOS KILO Iridium GPS Unit

← Table A

Instrument	Serial Number
64" Sphere	
ADCP	2227
MicroCat	11511
XEOS Kilo	1456

(29)	1/2" Anchor Shackle
(43)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(38)	5/8" Sling Link
(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
(M)	Master Link
(S)	Swivel



2932 m Depth

Pickart OSNAP Mooring LS-8
As Deployed 2018