

50 m Depth (P) (W2) (Q) (2) 14" Panther Plast Floats (#714) on Tension Rod
MicroCAT (s/n 14639)

Hardware Required (per mooring without spares)	
(2)	3/8" Anchor Shackle
(3)	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

Note A
Tidbit mounted at 78 m

Note B
Tidbits mounted at 106 and 134 m

Table A Tripod Instrumentation	
Instrument	Serial Number
Tripod	LS1
ADCP	20636
MicroCat	14602
XEOS Kilo	300234060373130

48.9 m 1/4" Spectra Line & MicroCAT ← Note A

(1) Float 28 m up from lower end of Spectra (P) (W3) (Q)

44.2 m 1/4" Spectra Line ← Note B

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

Depth 144 m

Pickart OSNAP Mooring LS-1 As Deployed 2016

50 m Depth (P) (W2) (Q) (2) 14" Panther Plast Floats (#714) on Tension Rod
MicroCAT (s/n 14604)

Hardware Required (per mooring without spares)	
(2)	3/8" Anchor Shackle
(3)	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

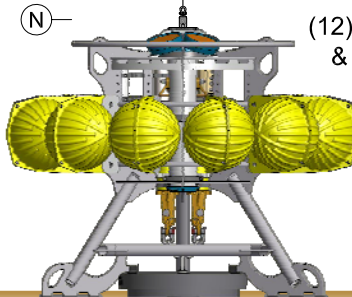
48.9 m 1/4" Spectra Line & MicroCAT ← Note A

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

(P) (W3) (Q)

55.2 m 1/4" Spectra Line ← Note B

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



Depth 157 m

Note A
Tidbit mounted at 78 m

Note B
Tidbits mounted at 106 and 134 m

Table A Tripod Instrumentation	
Instrument	Serial Number
Tripod	LS2
ADCP	1433
MicroCat	14605
XEOS Kilo	300234060378110

Pickart OSNAP Mooring LS-2 As Deployed

50 m Depth (P) (W2) (Q) (2) 14" Panther Plast Floats (#714) on Tension Rod
MicroCAT (s/n 14606)

48.9 m 1/4" Spectra Line & MicroCAT

Note A

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

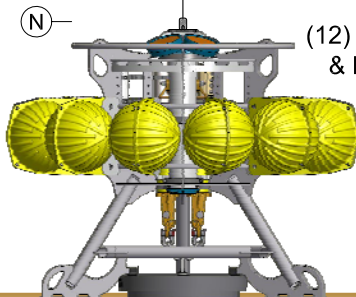
(P) (W3) (Q)

88.2 m 1/4" Spectra Line

Note B

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

Depth 190 m



Hardware Required (per mooring without spares)	
(2)	3/8" Anchor Shackle
(3)	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

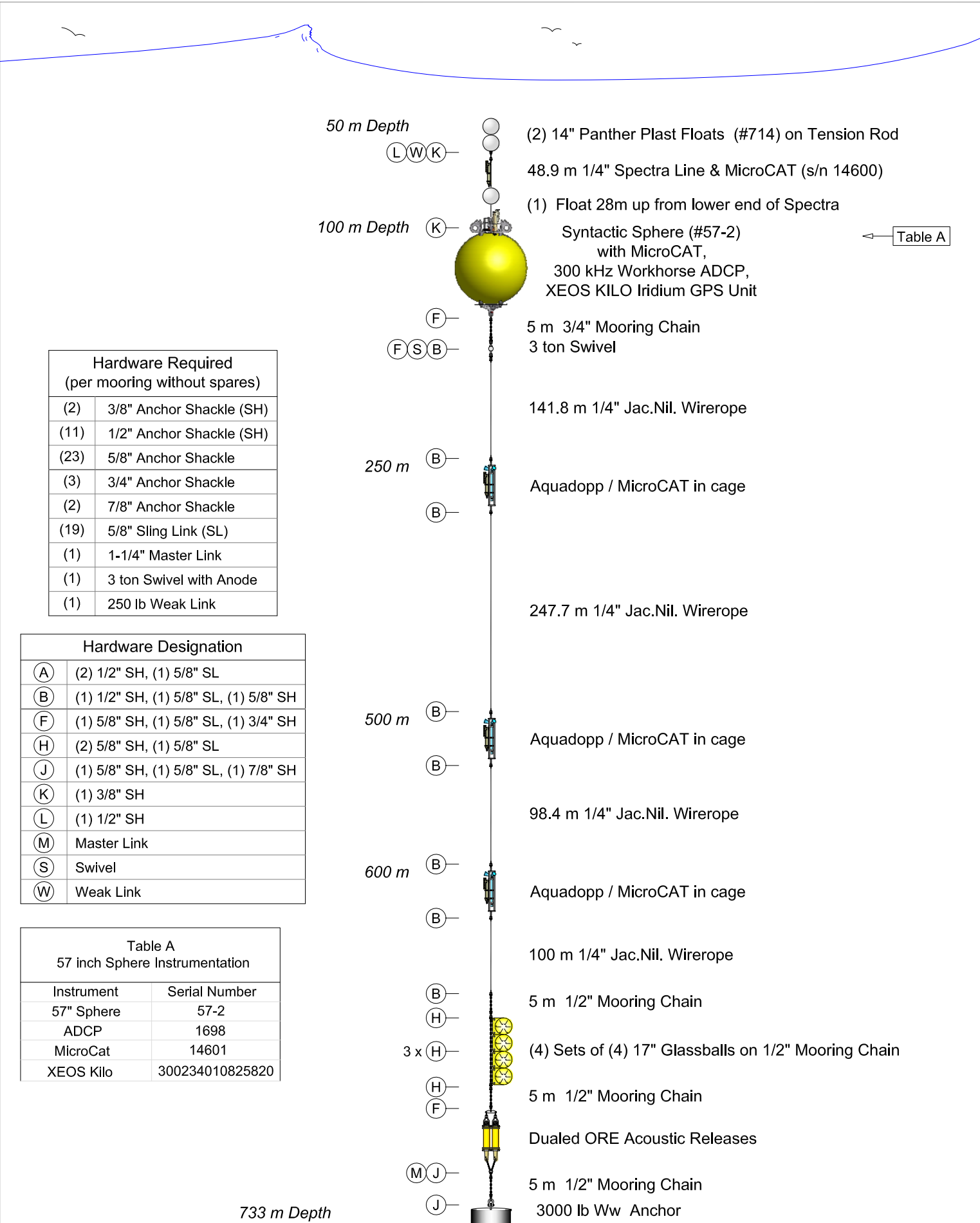
Note A
Tidbit mounted at 78 m

Note B
Tidbits mounted at 106, 134, 162 m

Table A Tripod Instrumentation	
Instrument	Serial Number
Tripod	LS3
ADCP	15418
MicroCat	14607
XEOS Kilo	300234010825810

Pickart OSNAP Mooring LS-3

As Deployed



50 m Depth (2) 14" Panther Plast Floats (#714) on Tension Rod
 48.9 m 1/4" Spectra Line & MicroCAT (s/n 14600)

100 m Depth (1) Float 28m up from lower end of Spectra
 Syntactic Sphere (#57-2) with MicroCAT, 300 kHz Workhorse ADCP, XEOS KILO Iridium GPS Unit

5 m 3/4" Mooring Chain
 3 ton Swivel

141.8 m 1/4" Jac.Nil. Wirerope

250 m Aquadopp / MicroCAT in cage

247.7 m 1/4" Jac.Nil. Wirerope

500 m Aquadopp / MicroCAT in cage

98.4 m 1/4" Jac.Nil. Wirerope

600 m Aquadopp / MicroCAT in cage

100 m 1/4" Jac.Nil. Wirerope

5 m 1/2" Mooring Chain

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

5 m 1/2" Mooring Chain

Dued ORE Acoustic Releases

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

← Table A

Hardware Required (per mooring without spares)	
(2)	3/8" Anchor Shackle (SH)
(11)	1/2" Anchor Shackle (SH)
(23)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(19)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode
(1)	250 lb Weak Link

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)	(1) 3/8" SH
(L)	(1) 1/2" SH
(M)	Master Link
(S)	Swivel
(W)	Weak Link

Table A 57 inch Sphere Instrumentation	
Instrument	Serial Number
57" Sphere	57-2
ADCP	1698
MicroCat	14601
XEOS Kilo	300234010825820

Pickart OSNAP Mooring LS-4
 733 meter Depth, As Deployed

50 m Depth

(L)(W)(K)

(2) 14" Panther Plast Floats (#714) on Tension Rod
48.9 m 1/4" Spectra Line & MicroCAT (s/n 14592)

100 m Depth

(K)

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

Syntactic Sphere (#11)
with MicroCAT,
300 kHz Workhorse ADCP,
XEOS KILO Iridium GPS Unit

← Table A

(F)

5 m 3/4" Mooring Chain
3 ton Swivel

(F)(S)(B)

141.8 m 1/4" Jac.Nil. Wirerope

250 m

(B)

Aquadopp / MicroCAT in cage

(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

(A)

50 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

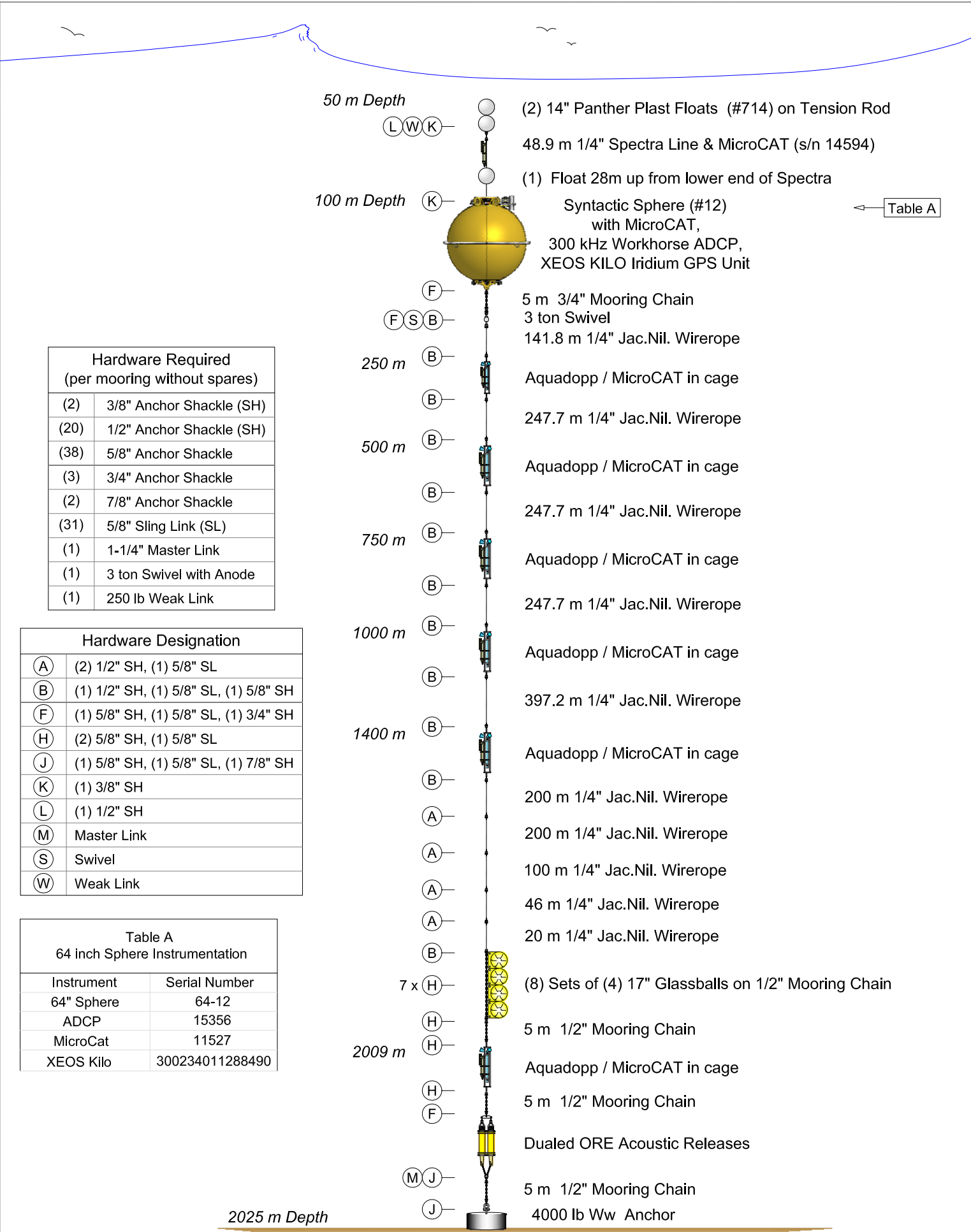
1507 m Depth

Hardware Required (per mooring without spares)	
(2)	3/8" Anchor Shackle (SH)
(19)	1/2" Anchor Shackle (SH)
(35)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(29)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode
(1)	250 lb Weak Link

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)	(1) 3/8" SH
(L)	(1) 1/2" SH
(M)	Master Link
(S)	Swivel
(W)	Weak Link

Table A 64 inch Sphere Instrumentation	
Instrument	Serial Number
64" Sphere	64-11
ADCP	200
MicroCat	14595
XEOS Kilo	300234060270130

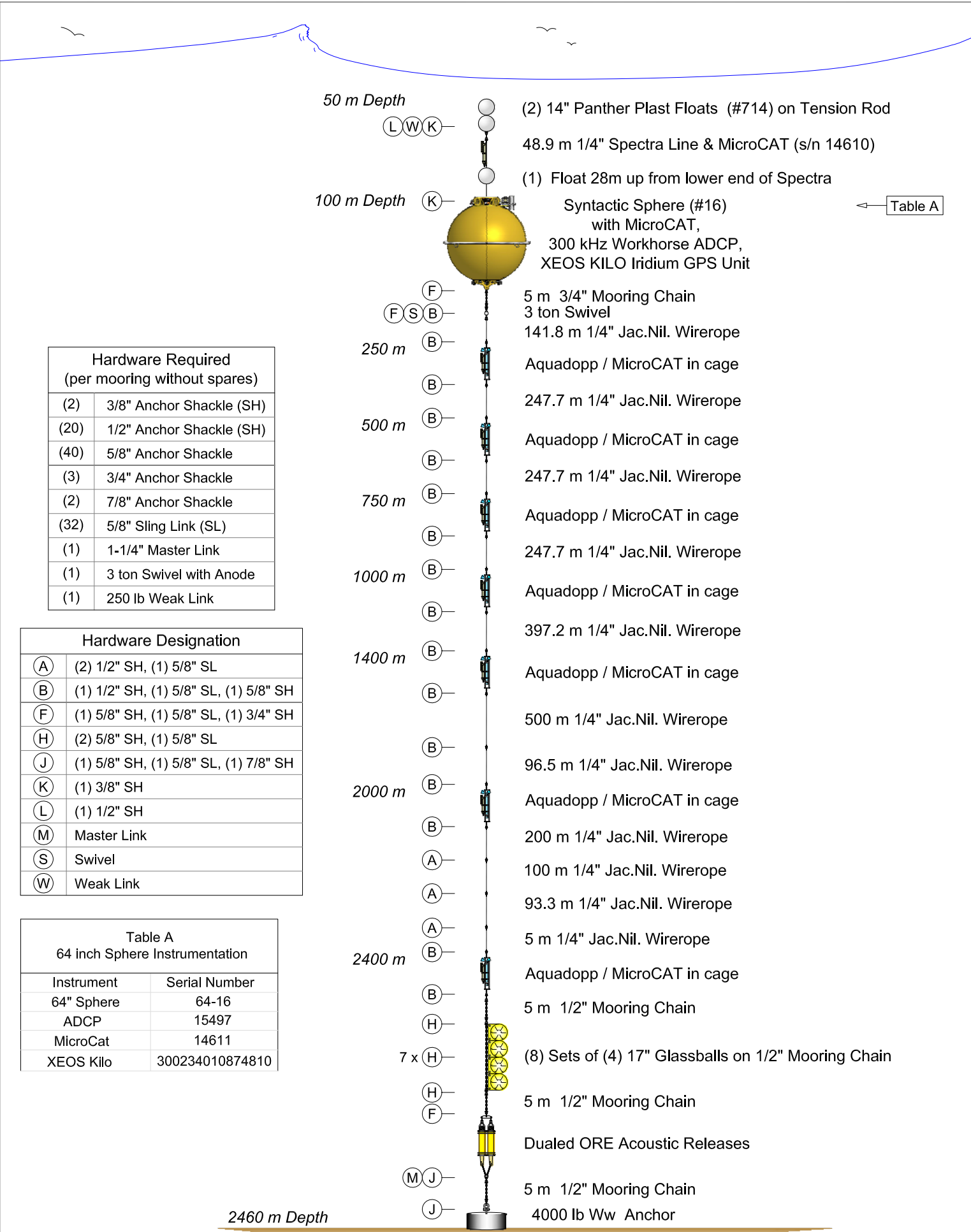
Pickart OSNAP Mooring LS-5 1507 meter Depth, As Deployed



Hardware Required (per mooring without spares)	
(2)	3/8" Anchor Shackle (SH)
(20)	1/2" Anchor Shackle (SH)
(38)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(31)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode
(1)	250 lb Weak Link

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)	(1) 3/8" SH
(L)	(1) 1/2" SH
(M)	Master Link
(S)	Swivel
(W)	Weak Link

Table A 64 inch Sphere Instrumentation	
Instrument	Serial Number
64" Sphere	64-12
ADCP	15356
MicroCat	11527
XEOS Kilo	300234011288490



50 m Depth (2) 14" Panther Plast Floats (#714) on Tension Rod
 48.9 m 1/4" Spectra Line & MicroCAT (s/n 14610)
 (1) Float 28m up from lower end of Spectra

100 m Depth (K) Syntactic Sphere (#16) 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
 141.8 m 1/4" Jac.Nil. Wire rope

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

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

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

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

1400 m (B) Aquadopp / MicroCAT in cage
 500 m 1/4" Jac.Nil. Wire rope

2000 m (B) Aquadopp / MicroCAT in cage
 200 m 1/4" Jac.Nil. Wire rope
 100 m 1/4" Jac.Nil. Wire rope
 93.3 m 1/4" Jac.Nil. Wire rope
 5 m 1/4" Jac.Nil. Wire rope
 Aquadopp / MicroCAT in cage

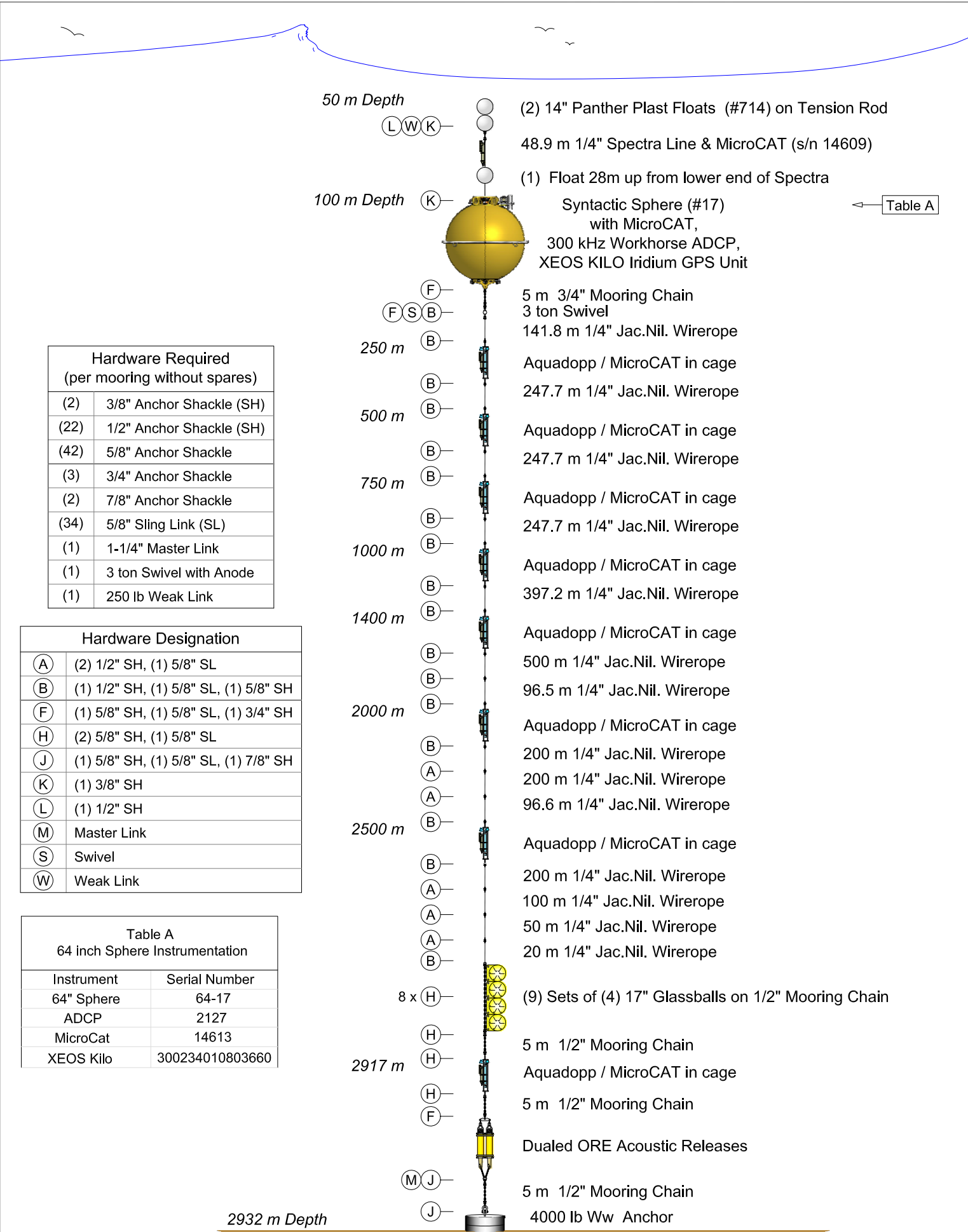
2400 m (B) 5 m 1/2" Mooring Chain
 (8) Sets of (4) 17" Glassballs on 1/2" Mooring Chain
 (H) (F) 5 m 1/2" Mooring Chain
 Dual ORE Acoustic Releases

(M) (J) (J) 5 m 1/2" Mooring Chain
 4000 lb Ww Anchor

Hardware Required (per mooring without spares)	
(2)	3/8" Anchor Shackle (SH)
(20)	1/2" Anchor Shackle (SH)
(40)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(32)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode
(1)	250 lb Weak Link

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)	(1) 3/8" SH
(L)	(1) 1/2" SH
(M)	Master Link
(S)	Swivel
(W)	Weak Link

Table A 64 inch Sphere Instrumentation	
Instrument	Serial Number
64" Sphere	64-16
ADCP	15497
MicroCat	14611
XEOS Kilo	300234010874810



Hardware Required (per mooring without spares)	
(2)	3/8" Anchor Shackle (SH)
(22)	1/2" Anchor Shackle (SH)
(42)	5/8" Anchor Shackle
(3)	3/4" Anchor Shackle
(2)	7/8" Anchor Shackle
(34)	5/8" Sling Link (SL)
(1)	1-1/4" Master Link
(1)	3 ton Swivel with Anode
(1)	250 lb Weak Link

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)	(1) 3/8" SH
(L)	(1) 1/2" SH
(M)	Master Link
(S)	Swivel
(W)	Weak Link

Table A 64 inch Sphere Instrumentation	
Instrument	Serial Number
64" Sphere	64-17
ADCP	2127
MicroCat	14613
XEOS Kilo	300234010803660

← Table A