

100 m



48" Steel Sphere with Xeos Mono

(H)

5 m 1/2" Mooring Chain

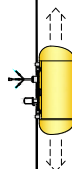


3 ton Swivel

Microcat

Bumper Stop

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



Wire Following MMP

← Note A

Note A

Profile Depth Interval = 108 m to 602 m

Hardware Required
(per mooring without spares)

(16)	1/2" Anchor Shackle (SH)
(8)	5/8" Anchor Shackle (SH)
(3)	3/4" Anchor Shackle (SH)
(2)	7/8" Anchor Shackle
(15)	5/8" Sling Link (SL)
1	1-1/4" Master Link
1	3-ton Swivel

Hardware Designation

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(C)	(1) 1/2" 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) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1 1/4" Masterlink
(S)	Swivel

612 m

(A)

Bumper Stop

(C)

0.5 m 3/8" Mooring Chain

(C)

Longranger ADCP with MicroCat (Looking Up)

(A)

3 m 3/8" Mooring Chain

3 x (A)

4 Sets of (4) 17" Glass Balls
Mounted on 4 m 3/8" Mooring Chain

(A)

3 m 3/8" Mooring Chain

(C)

Dualed ORE Acoustic Releases

(M) (J)

3 m 3/8" Mooring Chain

(K)

3500 lb Aw Anchor

643 m Depth

UFO-1

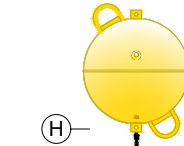
As Deployed



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108 m



48" Steel Sphere with Xeos Mono

(H)

5 m 1/2" Mooring Chain

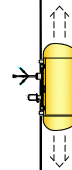
(H)
(S)
(B)

3 ton Swivel

Microcat

Bumper Stop

569.4 m 1/4" Jac.Nil. Wirerope



Wire Following MMP

Note A

Note A
Profile Depth Interval = 116 m to 677 m

Hardware Required (per mooring without spares)	
(18)	1/2" Anchor Shackle (SH)
(8)	5/8" Anchor Shackle (SH)
(3)	3/4" Anchor Shackle (SH)
(2)	7/8" Anchor Shackle
(16)	5/8" Sling Link (SL)
1	1-1/4" Master Link
1	3-ton Swivel

Hardware Designation	
(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(C)	(1) 1/2" 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) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1 1/4" Masterlink
(S)	Swivel

686 m

(A)

Bumper Stop

(C)

0.5 m 3/8" Mooring Chain

Longranger ADCP with MicroCat (Looking Up)

(C)

3 m 3/8" Mooring Chain

(A)

1 Set of (2) 17" Glass Balls

4 x (A)

4 Sets of (4) 17" Glass Balls

(A)

Mounted on 4 m 3/8" Mooring Chain

3 m 3/8" Mooring Chain

(C)

Dualed ORE Acoustic Releases

(M) (J)

3 m 3/8" Mooring Chain

(K)

3500 lb Aw Anchor

720 m Depth



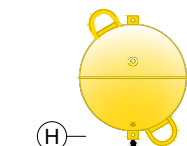
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UFO-2
As Deployed

Woods Hole Oceanographic Institution
designed by John Kemp, drawn by Jim Ryder
file: Pickart UFO date: 10/18/2024

99 m

48" Steel Sphere with Xeos Mono



5 m 1/2" Mooring Chain

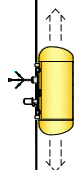


3 ton Swivel

Microcat

Bumper Stop

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



Wire Following MMP

← Note A

Note A

Profile Depth Interval = 107 m to 760 m

Hardware Required
(per mooring without spares)

(18)	1/2" Anchor Shackle (SH)
(8)	5/8" Anchor Shackle (SH)
(3)	3/4" Anchor Shackle (SH)
(2)	7/8" Anchor Shackle
(16)	5/8" Sling Link (SL)
1	1-1/4" Master Link
1	3-ton Swivel

Hardware Designation

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(C)	(1) 1/2" 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) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1 1/4" Masterlink
(S)	Swivel

769 m

Bumper Stop

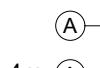


0.5 m 3/8" Mooring Chain

Longranger ADCP with MicroCat (Looking Up)



3 m 3/8" Mooring Chain



5 Sets of (4) 17" Glass Balls
Mounted on 4 m 3/8" Mooring Chain



3 m 3/8" Mooring Chain



Dual ORE Acoustic Releases



3 m 3/8" Mooring Chain



3500 lb Aw Anchor

805 m Depth

UFO-3
As Deployed



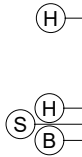
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file: Pickart_UFO date: 10/18/2024

98 m

48" Steel Sphere with Xeos Mono



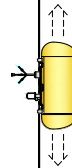
5 m 1/2" Mooring Chain

3 ton Swivel

Microcat

Bumper Stop

788.2 m 1/4" Jac.Nil. Wirerope



Wire Following MMP

Note A

Note A

Profile Depth Interval = 105 m to 885 m

Hardware Required (per mooring without spares)

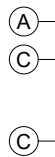
(18)	1/2" Anchor Shackle (SH)
(8)	5/8" Anchor Shackle (SH)
(3)	3/4" Anchor Shackle (SH)
(2)	7/8" Anchor Shackle
(16)	5/8" Sling Link (SL)
1	1-1/4" Master Link
1	3-ton Swivel

Hardware Designation

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(C)	(1) 1/2" 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) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1 1/4" Masterlink
(S)	Swivel

894 m

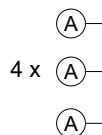
Bumper Stop



0.5 m 3/8" Mooring Chain

Longranger ADCP with MicroCat (Looking Up)

3 m 3/8" Mooring Chain



5 Sets of (4) 17" Glass Balls
Mounted on 4 m 3/8" Mooring Chain

3 m 3/8" Mooring Chain



Dualed ORE Acoustic Releases

3 m 3/8" Mooring Chain



3500 lb Aw Anchor

930 m Depth

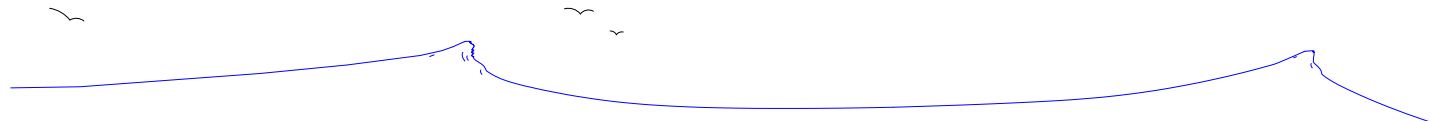
UFO-4
As Deployed



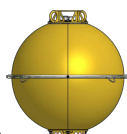
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designed by John Kemp, drawn by Jim Ryder
file: Pickart UFO date: 10/18/2024



102 m



64" Syntactic Sphere with Xeos Mono

(F)

5 m 3/4" Mooring Chain

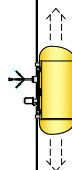
(S) (F) (B)

3 ton Swivel

Microcat

Bumper Stop

936.2 m 1/4" Jac.Nil. Wirerope



Wire Following MMP

← Note A

Note A

Profile Depth Interval = 109 m to 1039 m

Hardware Required
(per mooring without spares)

(20)	1/2" Anchor Shackle (SH)
(6)	5/8" Anchor Shackle (SH)
(5)	3/4" Anchor Shackle (SH)
(2)	7/8" Anchor Shackle
(17)	5/8" Sling Link (SL)
1	1-1/4" Master Link
1	3-ton Swivel

Hardware Designation

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(C)	(1) 1/2" SH, (1) 5/8" SL, (1) 3/4" SH
(F)	(1) 5/8" SH, (1) 5/8" SL, (1) 3/4" SH
(J)	(1) 5/8" SH, (1) 5/8" SL, (1) 7/8" SH
(K)	(1) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1 1/4" Masterlink
(S)	Swivel

1048 m

(A)

Bumper Stop

(C)

0.5 m 3/8" Mooring Chain

(C)

Longranger ADCP with MicroCat (Looking Up)

(A)

3 m 3/8" Mooring Chain

4 x (A)

5 Sets of (4) 17" Glass Balls
Mounted on 4 m 3/8" Mooring Chain

(A)

3 m 3/8" Mooring Chain

(C)

Dualed ORE Acoustic Releases

(M) (J)

3 m 3/8" Mooring Chain

(K)

4666 lb Aw Anchor

1084 m Depth



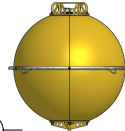
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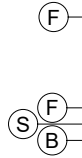
UFO-5
As Deployed

Woods Hole Oceanographic Institution
designed by John Kemp, drawn by Jim Ryder
file: Pickart_UFO date: 10/18/2024

100 m



64" Syntactic Sphere with Xeos Mono



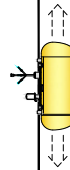
5 m 3/4" Mooring Chain

3 ton Swivel

Microcat

Bumper Stop

1087.5 m 1/4" Jac.Nil. Wirerope



Wire Following MMP

Note A

Note A

Profile Depth Interval = 107 m to 1189 m

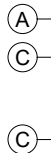
Hardware Required
(per mooring without spares)

(20)	1/2" Anchor Shackle (SH)
(6)	5/8" Anchor Shackle (SH)
(5)	3/4" Anchor Shackle (SH)
(2)	7/8" Anchor Shackle
(17)	5/8" Sling Link (SL)
1	1-1/4" Master Link
1	3-ton Swivel

Hardware Designation

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(C)	(1) 1/2" SH, (1) 5/8" SL, (1) 3/4" SH
(F)	(1) 5/8" SH, (1) 5/8" SL, (1) 3/4" SH
(J)	(1) 5/8" SH, (1) 5/8" SL, (1) 7/8" SH
(K)	(1) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1 1/4" Masterlink
(S)	Swivel

1198 m

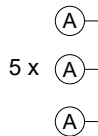


Bumper Stop

0.5 m 3/8" Mooring Chain

Longranger ADCP with MicroCat (Looking Up)

3 m 3/8" Mooring Chain



1 Set of (2) 17" Glass Balls

5 Sets of (4) 17" Glass Balls

Mounted on 4 m 3/8" Mooring Chain

3 m 3/8" Mooring Chain



Dualed ORE Acoustic Releases



3 m 3/8" Mooring Chain



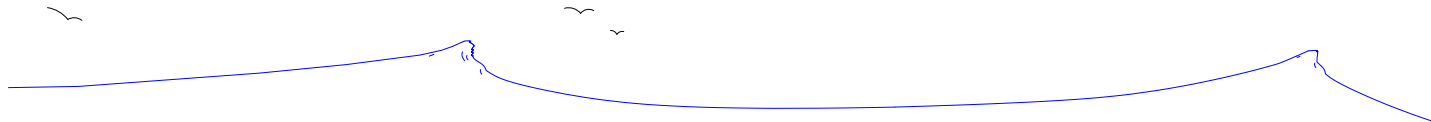
4666 lb Aw Anchor

1236 m Depth

UFO-6
As Deployed

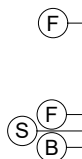


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99 m

64" Syntactic Sphere with Xeos Mono



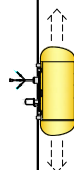
5 m 3/4" Mooring Chain

3 ton Swivel

Microcat

Bumper Stop

1258.4 m 1/4" Jac.Nil. Wirerope



Wire Following MMP

Note A

Note A

Profile Depth Interval = 108 m to 1361 m

Hardware Required (per mooring without spares)

(20)	1/2" Anchor Shackle (SH)
(6)	5/8" Anchor Shackle (SH)
(5)	3/4" Anchor Shackle (SH)
(2)	7/8" Anchor Shackle
(17)	5/8" Sling Link (SL)
1	1-1/4" Master Link
1	3-ton Swivel

Hardware Designation

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(C)	(1) 1/2" SH, (1) 5/8" SL, (1) 3/4" SH
(F)	(1) 5/8" SH, (1) 5/8" SL, (1) 3/4" SH
(J)	(1) 5/8" SH, (1) 5/8" SL, (1) 7/8" SH
(K)	(1) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1 1/4" Masterlink
(S)	Swivel

1371 m

Bumper Stop

0.5 m 3/8" Mooring Chain

Longranger ADCP with MicroCat (Looking Up)

3 m 3/8" Mooring Chain

5 x (A)

1 Set of (2) 17" Glass Balls

5 Sets of (4) 17" Glass Balls

Mounted on 4 m 3/8" Mooring Chain

3 m 3/8" Mooring Chain

Dualed ORE Acoustic Releases

3 m 3/8" Mooring Chain

1408 m Depth

4666 lb Aw Anchor

UFO-7

As Deployed

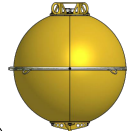


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file: Pickart_UFO date: 10/18/2024

101 m



64" Syntactic Sphere with Xeos Mono

(F)

5 m 3/4" Mooring Chain

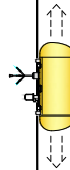
(S) (F) (B)

3 ton Swivel

Microcat

Bumper Stop

1338.3 m 1/4" Jac.Nil. Wirerope



Wire Following MMP

← Note A

Note A

Profile Depth Interval = 108 m to 1363 m

Hardware Required
(per mooring without spares)

(22)	1/2" Anchor Shackle (SH)
(8)	5/8" Anchor Shackle (SH)
(5)	3/4" Anchor Shackle (SH)
(2)	7/8" Anchor Shackle
(19)	5/8" Sling Link (SL)
1	1-1/4" Master Link
1	3-ton Swivel

Hardware Designation

(A)	(2) 1/2" SH, (1) 5/8" SL
(B)	(1) 1/2" SH, (1) 5/8" SL, (1) 5/8" SH
(C)	(1) 1/2" SH, (1) 5/8" SL, (1) 3/4" SH
(F)	(1) 5/8" SH, (1) 5/8" SL, (1) 3/4" SH
(J)	(1) 5/8" SH, (1) 5/8" SL, (1) 7/8" SH
(K)	(1) 5/8" SH, (2) 5/8" SL, (1) 7/8" SH
(M)	(1) 1 1/4" Masterlink
(S)	Swivel

1451 m

(A)

Bumper Stop

(C)

0.5 m 3/8" Mooring Chain

Longranger ADCP with MicroCat (Looking Up)

(C)

123.7 m 1/4" Jac.Nil. Wirerope

1577 m

(B)

Aquadop with Microcat in Cage

(B)

2 m 3/8" Mooring Chain

(A)

5 x (A)

6 Sets of (4) 17" Glass Balls
Mounted on 4 m 3/8" Mooring Chain

(A)

3 m 3/8" Mooring Chain

(C)

Dualed ORE Acoustic Releases

(M) (J)

3 m 3/8" Mooring Chain

(K)

4666 lb Aw Anchor

1615 m Depth

UFO-8

As Deployed



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