

Mooring Diagram 117

Vertical Array

Current = 0.6 m/s

Flotation Unit Assembly (1000 kg WLL) includes:

- 40" Strongback (316 SS, 1000 kg WLL)
- Fiberglass beacon mast
- U-joint assembly (316 SS, 1000 kg WLL)
- Syntactic Float: Balmoral OF4-1000 (46 kg buoyancy, 1000 msw depth rating)
- GPS/Iridium position tracking beacon; XEOS Kilo (max. depth 2500 m)
- Lifting Ring (316 SS, 1000 kg WLL)

AMAR Unit Assembly (1000 kg WLL) includes:

- 40" Strongback (316 SS, 1000 kg WLL)
- Eye pin (316 SS, 1000 kg WLL)
- JASCO AMAR & 48-cell battery pack in (2) 1X housings (250 msw depth rating)
- Star-Oddi DST-CTD (500 msw depth rating)
- (4) G3 Saddlebacks & mooring collars

Array

- M516-100 Vertical Array, 8 Hydrophone (91 kg WLL)
- 42m of 5/16" Dyneema (Vertical Array length 40m + extra) (1340 kg WLL)
- (2) Universal Joint (316 SS, 1000 kg WLL)
- (2) Vertical Array Eye Pin (316 SS, 1000 kg WLL)

Flotation Unit Assembly (1000 kg WLL) includes:

- 40" Strongback (316 SS, 1000 kg WLL)
- (2) Eyepins (316 SS, 1000 kg WLL)
- Balmoral OF4-1000 (46 kg buoyancy, 1000 m depth rating)
- Lift Ring (316 SS, 1000 kg WLL)
- (2) 1/2" Shackle (2000 kg WLL)

Tandem Release Assembly (320 kg WLL) includes:

- (2) Edgetech PORT-LF Acoustic Releases, 3500 msw depth rating, 320 kg WLL)
- Tandem Kit Hardware (Edgetech, 320 kg WLL)
- (2) 5/16" Shackle, Galvanized Bolt Type Safety (Crosby G-2130, 680 kg WLL)
- 7/16" Shackle, Galvanized Bolt Type Safety (Crosby G-2130, 1360 kg WLL)
- 18" of 5/16" Grade 80 Chain (2040 kg WLL) rubber coated for noise reduction

Anchor Assembly (1000 kg WLL) includes:

- 10 m of 1/2" galv. wire w/ thimble term. (2200 kg WLL)
- (2) 1/2" Shackle, Galvanized Bolt Type Safety (Crosby G-2130, 2000 kg WLL)
- 1/2" Wide Master Link (Crosby A-342, 1590 kg WLL)
- Crosby Master Link in eye of wire below
- 3 m of 3/8" Coated wire strop w/ thimbles and anode
- 2 m of 3/8" Coated wire strop w/ thimbles and anode as stinger
- 2" Anchor stem post with (9) 20 kg Olympic plates

300 m

