

SES and TT mooring array

15m (length of 1/2" Spectra 12 strand) between floats
MTS 22,500 lbs
with stopper ring

Shackles - Nitronic shackle w/screw pin 1/2" diameter
3000lb SWL
(seized with black line and UV resistant cable tie)

Swivels - Nitronic 50 eye and eye swivel 3/8" 4000 lbs WLL

All stopper rings bent into line, not in-line load bearing. Used
to stop off mooring line during recovery
1/2" dia. stock 4" diameter 316 SS ring
WLL = 1600 lbs

All Spectra line has 316 stainless steel thimbles spliced to either
end by factory

Football float 20 lbs positive

Mast Assembly with:
Flasher
RF beacon: Frequency GET Mhz
Argos ID: GET, Argos freq: GET
2" diameter aluminum tubing
0.118 inch wall thickness
Eye, Shackle, Swivel, Shackle

30m (length of 1/2" line) Spectra 12 strand,
Minimum Tensile Strength (MTS) 22,500 lbs

Swivel, Shackle

Stopper ring (SR)

15 m between float packs

Swivel, Shackle

Shackle, Swivel, Shackle

Shackle, Swivel, Shackle

Shackle, Swivel, Shackle

Shackle, Swivel, Shackle

Shackle, Swivel, Shackle

87 lbs positive
per float pack
(x 7 = 609)

***Can modify number of float packs

EXAMPLE FROM STATION M Weight check:

Negative: XXX + XXX = XXX negative

Positive: XXX + 20 = XXX positive

Sink: XXX-XXX = XXX neg to sink

Rise: XXX-XXX = XXX to rise

EXAMPLE of a STATION M Weight check:

Negative: 316 + 585 = 901 negative

Positive: 609 + 20 = 629 positive

Sink: 629-901 = 272 neg to sink

Rise: 629-316 = 313 to rise

WET WEIGHTS

SES Neg 180 lbs

Hardware XX Neg

TT Neg XX

Release assembly XX Neg

Ballast XXX lb Neg

Floats XXX Pos

Mast 20 lb Pos

130 m 1/2" spectra line

***This distance is flexible based on what line we have. Aim for at least 50 m

put bridles back
on bottom

Shackle, Swivel, Shackle

Trigger trap with modem

Shackle, Swivel, Shackle

15 m orange 1/2" spectra line

***Put 50 m between?

Shackle, Swivel, Shackle

Bridle

Home NUMBER

SES with modem

Shackle, Swivel, Shackle

600 m 1/2" spectra line

turn upside down

Tandem release strongback kit from Teledyne Benthos with
1/2" galvanized chain

Tandem Benthos 865A Acoustic releases with 1/2" galvanized chain to
ballast weight

Chain load limit 3000 lb

Weldless epoxy-coated galvanized ring (7/8")

2 m 5/16" stainless steel cable

Ballast Weight
XXXX lbs

pull pin