



Mast Assembly with:
Flasher
RF beacon: Frequency 160.725 MHz
Argos ID: 158529, Argos freq: 401.642

2" diameter aluminum tubing
0.118 inch
wall thickness

Eye, Swivel, Shackle

Dual
Sediment trap/Single camera tripod mooring,
Station ~~7215~~ *7502*
deployed 23 Oct 2019
Deploy mast assembly first and tripod last
Recover mast assembly first and tripod last

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

Stopper ring (SR)

8 Syntactic Foam Float Racks

All Nitronic
shackles, swivels with
stainless 316 oblong rings

Swivel, Shackle

Shackle, Swivel,
Shackle

Shackle, Swivel,
Shackle

Shackle, Swivel,
Shackle

Shackle, Swivel,
Shackle

Shackle, Swivel,
Shackle

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

Nitronic
Shackles - 316 SS forged D shackle w/screw pin 1/2" diameter
3000lb SWL

(seized with black line and UV resistant cable tie)

Nitronic 3/8"
Swivels - 316 SS eye and eye 1/2" -
2871 lbs WLL *5000*

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

130 m 1/2" Spectra

McLane Bridle
(see configuration sheet)

Sediment Trap
79 lbs in water

McLane Bridle

50 m 1/2" Spectra

Shackle

Shackle, Swivel,
Shackle

Shackle

300 m 1/2" Spectra

Shackle, Swivel,
Shackle

200m 1/2" Spectra

McLane Bridle

Sediment Trap
79 lbs in water

McLane Bridle

50 m 1/2" Spectra

On camera tripod frame:

Homer 26 *57*

Seabird CTD

500 time lapse camera system,

327 lbs in water,

3 float blocks lashed to lower frame

Tandem Benthos 865A Acoustic releases hold 1/2" galvanized
chain to ballast weight (550 lbs) with ROV pull pin backup.
Chain load limit 3000 lb

Sargasso tripod