

SHORT AND LONG WAVE RADIATION: TFLEX FLEX
 CO2 ANTENNA
 AT/RH, TFLEX MP-101 A
 AT/RH, FLEX MP101 A
 RADAR REFLECTOR
 TFLEX TUBE
 TFLEX SYSTEM SOFT VER# 1.12

GILL SONIC ANEMOMETER, FLEX
 GILL SONIC ANEMOMETER, TFLEX
 RAIN GAGE(2), FLEX & TFLEX
 SOLAR LIGHT, FL(5) Y 20s
 AT/RH2. FLEX HYGROCLIP
 DRUCK BAROMETER, FLEX
 DRUCK BAROMETER, TFLEX

1 METER:
 SBE-16 CTD/GTD/02/FLNTU
 SAMI pH SENSOR

PMEL pCO2 ELECTRONICS-PMEL SPAN GAS-LUXFER.
 FLEX SYSTEM SOFT VER# 1.12

1 METER:
 SBE 37SMP TC, FLEX
 SBE 37SMP TC TFLEX

1 1/4" SAS
 1 1/4" SAS
 2 LINKS 1" CHAIN
 1" SAS
 WRENCH TIGHTEN 3 SHACKLES

2,322 METERS BOUYANT 7/8" POLYOLEFIN MOORING LINE

1.1 METERS 1/2" CHAIN
 18 ea. 17" VITROVEX 6,700 METER GLASS BALL FLOATS. 1.5 METER SPACING BETWEEN 2 PACKS.

3/4" SAS WITH BUSHING
 .5 METER 1/2" CHAIN
 5/8" SAS
 5 TON SWIVEL; LOWER BODY OF SWIVEL ATTACHED TO BALLS
 5/8" SAS
 5/8" SAS
 4 METERS 1/2" CHAIN
 5/8" SAS
 4 METERS 1/2" CHAIN
 5/8" SAS
 4 METERS 1/2" CHAIN
 5/8" SAS
 4 METERS 1/2" CHAIN
 5/8" SAS
 4 METERS 1/2" CHAIN
 5/8" SAS
 .5 METERS 1/2" CHAIN
 3/4" SAS
 20 METERS 1 1/8" NYLON
 3/4" SAS
 .5 METER 1/2" CHAIN
 3/4" SAS
 5 TON SWIVEL
 3/4" SAS
 5/8" SAS
 TWIN 8242 ACOUSTIC RELEASES
 FACTORY CHAIN/RING KIT
 5/8" SAS
 .5 METER 1/2" CHAIN
 3/4" SAS
 20 METERS 1 1/8" NYLON
 3/4" SAS
 .5 M 3/4" CHAIN
 3/4" SAS
 5 TON SWIVEL
 3/4" SAS
 4 M 3/4" CHAIN

EYE INTO EYE SPLICE

4,941 METERS CONTINUOUS NYLON LINE. TOTAL, ALL SIZES

FACTORY SPLICED NYLON TAPER 1,070 METERS TOTAL

**Wrap 3/4" SAS pin/nut with Vulcanizing Tape, ** overwrap with black tape.


ALL SHACKLES WELDED CLOSED BELOW THIS LINE

3/8" wire rope shackled around anchor shafts

3/4" SAS
 1 M 1/2" CHAIN
 3/4" SAS
 ANCHOR BAR
 ANCHOR WEIGHT
 8,240#, AIR WT
 7,168#, WET WT.

5 METERS
 8.46 METERS
 10 METERS
 15 METERS
 16.46 METERS
 20 METERS
 23 METERS
 25 METERS
 35 METERS
 36.46 METERS
 40 METERS
 50 METERS
 75 METERS
 100 METERS
 123 METERS
 125 METERS
 150 METERS
 175 METERS
 200 METERS
 225 METERS
 240 METERS, RESTART FAIRINGS
 275 METERS
 325 METERS
 375 METERS
 425 METERS
 475 METERS
 525 METERS
 700 METERS

INDUCTIVE CABLE BREAKOUT
 TOP OF WIRE, START FAIRINGS
 SBE-39IM TP INVERTED
 AQUADOPP
 SBE-37IM TC
 SBE-37IM TC
 AQUADOPP
 SBE-39IM TP INVERTED
 BACK SCATTER
 SBE-37IM TC
 SBE-37IM TC
 AQUADOPP
 SBE-39IM T INVERTED
 SBE-37IM TCP
 SBE-37IM TCP
 SBE-37IM TCP
 BACK SCATTER
 SBE-37IM TCP
 150 METERS, STOP FAIRINGS
 SBE-37IM TCP
 SBE-37IM TCP
 PAL
 SBE-37IM TCP
 240 METERS, RESTART FAIRINGS
 SBE-37IM TCP
 SBE-37IM TCP
 SBE-39IM TP
 SBE-37IM TCP
 SBE-39IM TP
 SBE-37IM TCP
 3/4" SAS, Wrench tighten. **
 3/4" SAS, Wrench tighten. **
 5 TON SWIVEL
 3/4" SAS, Wrench tighten. **
 .5 METER 3/4" CHAIN
 1" SAS WITH BUSHING, Wrench tighten. **
 10 METER LENGTH NYLON STIFFENER APPLIED TO TOP OF 1" NYLON
 ~380 METER LENGTH 1" NYLON Tapered factory spliced to 7/8" nylon
 ~348 METER LENGTH 7/8" NYLON Tapered factory spliced to 3/4" nylon
 ~342 METER LENGTH 3/4" NYLON Tapered factory spliced to 11/16" nylon

WRENCH TIGHTEN ALL SHACKLES	
DEPTH: 5722 METERS	
 NOAA-PMEL-KEO 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6149	
MOORING:	KEO-013
SCOPE:	1.4:1
DRAWN BY:	MIKE CRAIG
DATE:	16 OCTOBER 2015
DRAWN AS DEPLOYED:	