

Version

2020-10-29 For Construction
2020-10-09 SAZ23 initial issue, minimal changes to reduce recovery speed
2019-12-02 Initial Issue SAZ22
2019-02-25 As Built, Added Instrument Serial numbers
2018-10-30 Added mousing note (PJ)
2018-10-19 Change to 10mm super speed
2018-09-19 SAZ47-21 For Construction
2018-06-05 SAZ47-21 Initial Issue
2017-11-23 PJ Update Superspeed colours
2017-10-31 PJ 2018 deployment
2017-07-03 PJ As Deployed
2017-02 JL ARGO replaced by XEOS, Add SBE37SMP to 1k and 2k traps
2016-12-22 Added Float Colours, SBE37SM to traps
2016-11-14 PJ added 2 floats at botto, trap frame SN
2016-11-11 PJ no flag, 4m bottom wire?, 8 floats at releases Add target location
2016-11-10 PJ SAZ47-19 Initial Issue
2016-05-20 PJ SAZ47-18 As Deployed
2016-02-15 PJ Change to 2t swivel
Re-Drawn: 18 Dec 215 (P.Jansen)
Revised: 6 Sep 2015 (T.Trull)
Drawn: S. Bray, ACE CRC (Ver1 8 Apr 2014)

Deploy: 2020 April, RV Investigator
Recover: 2021 April, RV Investigator

Tripod detail
wire, ms, ~4m long
wire termination, ms
shackle, pin up, ss : insulate pin
ring, ss, + ss release lift shackle
shackle, pin down, ss
tripod top hole, ss

All shackles to be moused
with split pins for galvanised shackles or
plastic coated steel wire for stainless shackles
Cable ties NOT to be used for mousing

Superspeed
BELOW
1400

White Superspeed

Red Superspeed

Yellow Superspeed

Blue Superspeed

Target 46.7937 °S 141.8160 °E 4550 m

Mast detail
strobe, Xeos T=3s dbi white burst
XEOS Sable

Landing site (triangulated)
46:10945 °S 142:30854 °E 4526 m

12 min. 27 sec. for pickup flts to surface
13 min. 22 sec. for XEOS to surface
80 min. for bottom floats to surface

XEOS Sable (300234063546960)
XEOS XMF-11k (812)
Stainless Frame

16mm PWB PC 1m
25mm polypro - 60m

16 Glass floats 17"

13mm PWB PC 3.9 x 2 off

Solid Bridle

7mm TBW - 80m
7mm TBW - 4m as tether

Sed Trap Ti Frame (2241), Mclane Cups 250ml x 21,
Cup set (D x 21, 250ml) Controller (11640-01), Motor (11640-01)
Pitch & Roll
SBE37SM (CTD) (SM-4906)
10mm Chain Bridle

7mm TBW - 150m

Swivel 1t

8 Glass floats 17"

7mm TBW - 50m

Aquadopp (A6L-4908, AQD-9897) Tension chassis

7mm TBW - 200m

6

2xBlue

6 Glass floats 17"

10mm Superspeed - 529m WHITE

6

2xGreen

6 Glass floats 17"

7mm TBW - 50m
7mm TBW - 4m as tether

Solid Bridle
Sed Trap Ti Frame (14182), Mclane Cups 250ml x 21,
Cup set (E x 21, 250ml), Controller (11741-01), Motor (14182-02)
Pitch & Roll
RBR TDR-2050 (16371)
10mm Chain Bridle

10mm Superspeed - 900m RED

4

4 Glass floats 17"

10mm Superspeed - 836m YELLOW

4

2xRed

6 Glass floats 17"

7mm TBW - 50m
7mm TBW - 4m as tether

Swivel 2t

Solid Bridle
Sed Trap Ti Frame (10705), Mclane Cups 250ml x 21
Cup set (L x 21, 250ml) Controller (11649-01), Motor (11649-01)
SBE37SM (CTD) (4907)
10mm Chain Bridle

10mm Superspeed - 692m BLUE

Swivel 2t

SBE 37SM (CT) (8596) Tension Frame

4 Glass floats 17" 16mm PWB PC 2x3.9m + 4m

Release Units (34325, 35723)
RBR Duet 202163, Lowell MAT-1-1901200
Parachute 12'
Anchor Clump, 1830 kg

model 1757kg, 1 x 1800 kg

SOTS-2021

SAZ-23-2021

Changes 2021-03-24 Swap TDR 3800m with SBE37 on 2000m 2020-10-09 For Constr: 23 2021-3-24 Remove 20m wire above Release		Date 2020-12-18
Scale	Format A4	Drawn PJ & JL
MPS no		
Drawing no	Revision 03	Projection
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