

8/5/2016

Sediment cruise for SERDP sandy site
near Goodwin Island on board the
R/V Heron. Captain Danielle Tarpley with
Jessie Turner, Cristin Wright, Nina Stark,
and Ali Albatul. Slack after flood.

~~703~~ Hamy lat 37.2287 6:23 am DST
lon -76.4142
dpt. 4.35 m
sal 22.31 average

~~703~~

Hamy lat 37.2284 6:37 am
lon -76.4165
dpt 4.40 m
sal 22.18 average 22.34 max

S5695 6:45
GUST
GSA (8cm)

S5696 7:02
GUST

S5697 7:10
~~GUST~~
MS

55698

7:15

MS

55699

7:19

X-ray

GSA (6 cm)

55700

7:32

water

TSS

bottom : 4m

middle : 2.5m

top : 0.5m

55701

7:33

X-ray

Harry (CTD)

7:42 EDT

Lat 37.2283

Lon -70.4165

depth 4.48 m

Salinity 22.14 avg

22.17 max.

55702

7:46

core for B.K. Song

Harry

8:28 EDT

Lat 37.3425

Long -70.6272

depth 5.19 m

Salinity: 16.54 avg

16.166 avg

S5703

8:50

GSA

~~WATER~~ GSA

S5704

9:10 EDT

GUST

GUST

S5705

9:15

Water

* only 1.5 containers before pump failed
other 1.5 containers filled with bucket

Army

Lat 37.3018

Long -76.5817

depth 7.41 m

Salinity 19.49 avg.
19.74 max.

Muddy 9:52 EDT

Chester Annex

Not Anchored

Harry

Lat 37.2644

Long -76.5216

depth 7.34 m

Salinity 21.21 avg.
21.36 max.

10:13 EDT

Weapons Station

drifting

SENDP

8/5/16

ON BOARD CV Elis Olsson Capt Wayne Larson
Crew Grace Massey, Tom Bell, Dan Steinhart
& Glenn Hambough

SS706

ADCP YK160805

1000 water level YK 160805

- Did stepwise $\frac{1}{2}$ intervals + the 10-10 top-bottom^{3k}
 - ① w/o Ball
 - ② w Ball
- also ran at mid depth

move back on anchor ~ 15-20 feet ASD

repeated stepwise $\frac{1}{2}$ interval + 10-10 top to bottom^{3k}
w/o Ball only.

EDT