

### **Appendix 3-3: Kraken2 Remotely Operated Vehicle Field Log**

1. Chris Conway

5/19/18

D. ne'Olal 1706-

116-6308 5860

Lex nanytokentype, etc

- looking HDG 151

1<sup>st</sup> pul 1712 4y no. 377 116-6308 date stamp

156/6

part nany

HDG 131 for nasser, 1/2 kn for boat

1714

- Cadet a layer green

- pulled by RCT

1714

- eradic

- Green bush + chrysanthemum

2315

- see some structure in corner

- still have cad (to 1/2)

- Agraria on road (edges)

- Bryozoa

- Luma

- D. leucodora on top

- red algae

3774

- naced

- Chamaejas right after ladder

3796

bleed on Chamaejaser by plant, long ones,

7242

long Chamaejas

red algae ladder

drift + etc

5700

bottom large ledge structure, sandy to etc

5750

Astragalus on bottom ledge

18000

recording change Plectia 2

0158

gypsum ledge

0274

bleed on - Fucus settled down

0284

2 (bleed like)

0285

bedden

0287

bleed on tension on a tether

Agraria on "bulks"

1148

Clay, temporary configuration

1824

gray / heli-clam

1829

coming up to deck

1

CL

5/19/18

Dred

- 193/00 ~~Hydromedusa back to transverse~~
- 3340 Astrogia
- 3530 fish
- 3600 black star
- 3700 Cliona
- 3720 fish (BFB)
- 3830 very solid rock on gravel ~~with~~
- 4151 ~~cl~~
- 4600 stalk bush on sand, white not sancted, interground it's *Byzonia*
- 4730 ~~in~~ sponge next ← Cliona, *D. leucomera*, fish, piece of Halimeda, ~~with~~ <sup>fish</sup>
- 5070 bladder Cliona tubes
- 5800 Dred 01-5
- 20045 ? red crustacean algae (red?)
- 0024 Cliona, Halimeda
- 0371 Cliona, Astrogia, Cliona
- 067 Halimeda?, green Cliona
- 141000 ~~Halimeda, Halimeda, pink/orange crustacean algae~~
- 1525 limy vermetube, bush *Byzonia*
- 1703
- 2015100 mating boat, off bottom
- 20305 stalked *Didemnum*? anemone
- Cliona, *Ascidia* shell
- 3713 Cliona in feather worm (down-looking)
- 4145 Astrogia / *Plesiomastix* on end
- 4050 *Palmella*
- 5000 *Asteropora* Cliona, *Vermetus*?
- 5609 bushy *Byzonia*
- 5801 ~~bushy~~ 3 small <sup>red</sup> *Ascidia* spines, pink orange,
- 2100 anemone *Didemnum* looking
- 20510 *Mormonaster*, *Sargassum*
- 0815 *Didemnum*?, brown *Ascidia* spines
- 1434 *Byzonia*, *Ascidia*?, *Petro*
- 1515 *Astrogia* (274), *Cliona*

2

CC

5/9/18

Dred

Canon Parashot 6V

- 1829 Cliona-like ~~grey~~ sanguine like a grey green
- 2244 yellow spore - what? a little more protuberant
- 3830 Rattina - tarsus? (Adorn)
- 3448 sponge Handed, Ash Spores very fast
- 4740 Cliona
- 4923 anemone centropages
- 5155 byes on balde up egg mass 5 cm dia
- 5641 oriented balde (red) / Curmende balde
- 6240 new finger / Achyros
- 20097 Astrengia under balde! Cliona
- 0158 anemone byes
- 6305 trying to get closer to hydroids
- 2215 Desmonebra, hydroid, Hecordia  
Cliona
- Summary Disc 1 - 170519 - 190635 ⇒ 12036  
DISCO - 192827 - 192907 ⇒ 12  
DISCO 3

includes disc → TOAD:

time when it was precluded

Final pic 447 - Final Pic 377 → TO pics

- To return ← orange / beam sponges
- dull yellow spore
- hydroids
- byes
- tarsus
- rock mass
- at anemone

CC

25) 175m

6

Dive 2

NB 65

5/20/18

Dive 2 - cont

11 50<sup>34</sup>

gravel, shell, some C. fern, broken shells, coarse S. diatoms, etc.

• Card-like brown algal drift algae

• hydroids? small tufts (small, tufted), Clusia

12 010<sup>30</sup>

• anemones

- barnacles, Dilcoctera

110<sup>31</sup>

many Idm

1415

- Clusia, Hald

1630

Hd of P. colony off for anemone

- moon snail egg case, C. formicata

- large drift algae

- hydroid colony

3444 hydroid/hydroid (tubular?) sea

4444 Macroalgae shell?

5844

none

2653

noe fin lamp Dive 2 - 6

5008

mangrove egg

5611

Clusia

5700

Bare of coral/Ervechide

0238

calling down fishes at ROV, solved probe characterized plant at bottom

~~1500~~

Dive 3-1

SB 71

1603, 16

getting set-up for transect

0710

L. bird  
transition, hauling by L. bird  
L. bird, gravel

1100

hydroids, hydroids,  
algae, Clusia

1415

macroalgae  
drift algae, C. formicata

Dive 3-3

1411

seaweed

4

5/20/18

CC

Day 3 cont'd.

- 2311 macroalgae SPT
- 2476 macroalgae, rocky
- 2913 detrital part, rock
- 3136 maddy on
- 3421 wavy
- 4059 massell bry
- 4730 sea urchin
- 5254 ~~Thamnochlamys~~
- 4420 stone / ~~stone~~ P. boulder
- 0100 settled down C. formica, bivalves
- 0130 fish
- 0322 epibiot

processed  
 } no Mar file table  
 } + med. ass. det. & kb  
 } but no data is available

Day 4 - SB56 77m RC 674

- ~~43430~~ bottom
- 4127 gracilactis, bottom
- ~~43430~~ Astrangia on boulder
- 20200 Starry science
- Day 4
- 25001 hyperb. Cory meph. / Didemnum -  
 anemae on Cory meph. stalks  
 fan long or BS B?
- 3372
- 3440 Agaricus
- 4010 sponge or tunicate
- ~~4070~~ ~~holothur~~
- 4350 holothur, anemae, Clusia
- 4600 holothur Clusia
- 49015 More Proposed Areas

Day 05 - SB56

- ~~30258~~ starting lot 3
- 4015 bottom / bc
- 4100 Corympha, fish
- 4412 Atl. purple sea urchin (x)

5



1090

5/12/18

Die 06

NB 4d

PICS

100600

start of rocks

NB 2-1

start of 909

in van mudflat

080

bottom, 5 leftst head of boulders 49.3m

117

boulder, anemones, stalk ~~anemones~~ boulder, *Didemnum*, *gorg*

146

boulder, *L. hypoleus* w/ *esp. coral*

*gorg*  
*sp. coral*

150

high boulder

156

in sea, boulders

172

small boulder, *tridacna* &

2523

boulder overhang, anemones & *Caracthopsis*?

2713

*Astrangia*

3138

top of boulder *fenestrata*, *hydras* & *late life fish*

3336

5m @ top *Didemnum* *fin*

*fish*

3754

multi-branching smaller boulder

*fish*

4042

*Metridium anemone*

white crust

4443

*Camptozoa* *small*

4644

fish?

4748

*Camptozoa* *small*

*Astrangia*

5135

red boulder

5354

still rock area → boulder w/ red hard sponge

5653

heavy

*Astrangia*

130829

*Astrangia*

1429

in lobster trap

1952

end of boulder

3246

surf

5023

*Astrangia*

multi-branching *Hydras* *small*

5607

*Didemnum*, *multi-branching*, *Hydras*

U  
Dive 07 9866

5/21/18

- 15003 notes start  
2983 bottom 60m  
3004 Squid  
3318 strong current  
3840 Sea robins  
4218 hydrozoan, medusa, Jacob Crab  
4401 large Idasid/Diel  
5155 lobster ↑  
5200 possible Cirrus  
59201 Clione  
Clione + d. d. d. d.  
16020 Squid  
1103 Squid  
1623 Squid feeding on bottom ~51m end 1621  
Dive 06 + other issue  
Continue to Dive 08 NB44F-2  
2514 Start of notes  
3008 bottom 90m, hunting Clione + 1622  
3735 encrusting org? sponge mainly to West  
4407 Skate eggs  
4835 mac to boulder  
4838 mainly to new spot  
4909 family up off bottom  
49 Flander  
17230



CC  
before dive, pre-dive 5/22/10

Die II SB37

- 211834 start notes
- 2230 organic matter, anemone, clam (what kind?), larvae
- 2840 Climbing up → no loss  
heading out to 1st pt  
leaving debris spot
- 3540 Cary mepha ~~to~~ ~~the~~ ~~int~~ ~~near~~ ~~!~~  
herm + aab's  
Larva X2  
hate in C. form  
gravel  
mac cause of log Cary mepha
- 3610 real hate  
still looking for  
+ rough up debris
- 4634
- 4625 real hate } + rough  
Larva
- 5946 Cary mepha haul over,  
232150 top of the sanduae  
2322 end of Cary mepha  
3001 out of Cary mepha again

CC

5/23/18

Die 12 SB45-1

~~Notes~~

101842

notes started

down-looking can.

2443

moving towards boulder from W. of SB45-1

2553

3148

at SB45-1, looking down transect to boulder

3451

found boulder fragments

very gracile, still high

orange sponge

metroidium

5400

leaving top, Caprellid behind Cliona tubularis & among Cliona, Tubularia

5600

Fish

110009

Caprellid + crustacean tubularis

0530

Didemnum styliferum

5707

possible pycnogonid

ca 1710

white spongy

12 2503

grabby, tubularis w/ sponge  
ending line recovery row

11

CC

5/23/18



NB24

- 1646 07 *Stomatopoda*
- Crepidula* *Stomatopoda*
- ENE of Shipwreck
- Stomatopoda* *Stomatopoda*
- 17053 *Stomatopoda*
- Stomatopoda* *Stomatopoda*
- 170843 *Stomatopoda*, getting scar of wreck, still high currents
- 170847 *Stomatopoda*
- 1750 *Stomatopoda*
- 1788 *Stomatopoda*
- 1817 *Citea*
- 2110 *Stomatopoda* *Stomatopoda* *Stomatopoda*
- 2646 *Stomatopoda*
- 3727 *Stomatopoda*
- 180713 *Stomatopoda*
- 0813 *Stomatopoda*
- 1222 *Stomatopoda*
- 181930 *Stomatopoda*