

VPR DATA SHEET



Cruise NH1208 Location Test Station 1 Cast# 1

Date Aug 11, 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 223 Sea State Medium

Local Time 16:31 to 17:52 Start: Lat 45.435163 Long -127.874497

GMT Time 23:31 to 00:52 End: Lat 45.4279 Long -127.8959

Start Battery 26 V End Battery 25.3 V Magnification S1

Raw Filename: 1344725531 Processed Directory NH1208/NH1208\_VPR/VPR1

Start frame: 31850 End frame: 67780 Cast Depth: 504 m

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

12.4 m possible *L. helicina* ROI 8465115500 shell is < 5 mm tall

gastropod veligers at a few depths

Eg 8540345100 ~~31850~~ 16.8 m

~~31850~~ 3.3 m *pseudotereosone* ROI 8503994100

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location station 1 Cast# 2

Date Aug 16, 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 228 Sea State \_\_\_\_\_

Local Time 0333 to 0452 Start: Lat 49.876330 Long -149.551145

GMT Time 1133 to 1252 End: Lat 49.875647 Long 149.541137

Start Battery 26.9 End Battery 25.2 Magnification 51

Raw Filename: 134516335 Processed Directory NH1208\NH1208\_VPR\URR2

Start frame: 2440 End frame: 31210 Cast Depth: 1005.254

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth	Frame#	seg threshold	0-150	331	0-140	644
			0-133	1581		

6.6 m, 31.3 m something gelatinous

54 m trichodesmum

86 m copepod

1062 m 4172943700 possible limacina

225.8 m acantharian

270 m 4206492600 don't know, gelatinous & pretty, in <sup>nice</sup> ~~and~~ ROTs

369 m, <sup>470 m,</sup> 558 m copepods

928 m acantharian

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location Stn 2 Cast# 3

Date Aug 16, 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 228 Sea State calm

Local Time 1321 to 1427 Start: Lat 49.414367 Long -149.273772

GMT Time 2121 to 2227 End: Lat 49.413567 Long -149.252862

Start Battery 26.6 V End Battery 25.3 V Magnification S1

Raw Filename: 1345151826 Processed Directory NH1208\_VPR\VPR3

Start frame: 8250 End frame: 40150 Cast Depth: 1015 m

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth	Frame#	Seg threshold	0-150	105 ROIs	0-110	226 ROIs
			0-133	661 ROIs		
					In low ROIs	M&D

13.7 m	7725118400	something gelatinous				
64.7 m	7736691100	something partial, but good red color		✓		✓
67.4 m	<del>7737206100</del> 7737206100	good detail copepod		✓		✓
105.2 m	7744879400	blurry possible L. helicina				
180.2 m	7760368600	medusa		✓		✓
210.4 m	7766639400	full large copepod ~4 mm long		✓		✓
255 m	7775521700	fuzzy ball with a stomach		✓		✓
271 315.7 m	7778769300	nice copepod ~2mm		✓		✓
282.4 m	7780767200	another fuzzy ball, mucous web?		✓		✓
695.7 m	7877542300	big <del>seta</del> <sup>comb</sup> jelly 6.2 mm				surprised that low ROIs missed this 1 ✓
		Acantharians different depths				found at bottom of cast also

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location Station 3 Cast# 4

Date Aug 31, 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 245 243 Sea State \_\_\_\_\_

Local Time 14:03 to 15:07 Start: Lat 48.967862 Long 148.340275

GMT Time 22:03 to 23:07 End: Lat 48.959700 Long 148.325660

Start Battery 26.9 ~ 27 End Battery 25.5 Magnification 5.1

Raw Filename: 1346450439 Processed Directory NH1208-VPR\VPR4

Start frame: 6120 End frame: 36950 Cast Depth: 1015 m

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Run twice - ① seg. threshold = 140 + ② = 133

extracted # rois: ① 291 rois ② 785 rois

run #1 found good rois, except missed a large red  
maybe pteris - roi # 8024975700.tif

7980143701 - <sup>Lim.</sup> w/egg strand? - probably not.

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location st. 83 Cast# 5

Date <sup>local</sup> 9/1/12 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 2014 Sea State \_\_\_\_\_

Local Time 04:44 to 05:44 Start: Lat 48.9436 Long -148.8603

GMT Time 12:45 to 13:45 End: Lat 48.9383 Long -148.8643

Start Battery 1545 End Battery \_\_\_\_\_ Magnification 51

Raw Filename: 134655<sup>03103</sup>~~2288~~ Processed Directory \_\_\_\_\_

Start frame: 10420 End frame: 37830 Cast Depth: \_\_\_\_\_

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

d8 - 504 vrs  
d9 - 161 vrs  
Almost all of 1st 200+ vrs = bubbler  
- no pteropods found -

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day Night

Cruise NH1208 Location st. 4 Cast# 6

Date 1 Sept. 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 245 Sea State 8'

Local Time 12:50 to 14:21 Start: Lat 48.4975 Long -147.3207

GMT Time 20:50 to 22:21 End: Lat 48.4831 Long -147.3272

Start Battery - End Battery - Magnification S1


Raw Filename: 1346532288 Processed Directory NH208\_VPR\VPR6


Start frame: 9700 End frame: 39,300 Cast Depth: 1018 m

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#  
# rois: d16 = 121 rois  
d17 = 464 rois

many *Macrosetella* copypods

7544601700 

73655464400 

sgo-133  
solal 40  
STD 10  
growth 300%  
juv 1

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location st 5 Cast# 7

Date 09/01/2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 245<sup>(244)</sup><sub>(n23)</sub> Sea State 6-8'

Local Time 19:20 to 20:40 Start: Lat 47,9984 Long -146,4507

GMT Time 03:20<sup>(9/2)</sup> to 04:40<sup>(9/2)</sup> End: Lat 47,9920 Long -146,4682

Start Battery \_\_\_\_\_ End Battery \_\_\_\_\_ Magnification 51

Raw Filename: 1346555797 Processed Directory VPR7

Start frame: 3600 End frame: 31950 Cast Depth: ~~31950~~ 1012m

d24 n23 = 292 r015

seg = 140

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

macro/microsetella copepods in surface

large clear jelly - 11

no pteropods seen

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NA1208 Location ST 6 Cast# 8

Date 09/02/2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 246 Sea State \_\_\_\_\_

Local Time <sup>2:45</sup> ~~10:45~~ to 4:08 Start: Lat 47.495 Long -145.521

GMT Time <sup>9:12</sup> 10:45 to 12:08 End: Lat 47.486 Long -145.573

Start Battery \_\_\_\_\_ End Battery \_\_\_\_\_ Magnification S1

Raw Filename: 1346582311 Processed Directory VPR 8

Start frame: 8150 End frame: 37100 Cast Depth: 1015

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

The VPR was NOT flashing when back to surface. It was flashing when going down. There is a large file, (raw filename 1, 2.5 Gb) and then many others (5) of very small size, posterior to it. (from 7:41).

So it reached bottom... And died at ~450 m to surface.

Batt.: 26.1 V . Charging.

The other battery is placed on the VPR (27.5V) and left unplugged (dummy-ed).

NO S0-OFF-S1-OFF done.

microsatella

pteropods - roi.3937381000

COMMENTS: \_\_\_\_\_

seg = 140  
 h06-109 rois  
 r06-87 rois  
 E = 196 rois





VPR DATA SHEET

Day /  Night

Cruise NH1208 Location JF 7 Cast# 70

Date 09/03/2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 246 Sea State \_\_\_\_\_

Local Time 23:46 to 00:43 Start: Lat 47.016 Long ~~155.700~~ -144.700

GMT Time 07:47 to 08:44 End: Lat 47.010 Long -144.684

Start Battery \_\_\_\_\_ End Battery \_\_\_\_\_ Magnification S1

Raw Filename: 1326658113 Processed Directory: ~~VPR~~ VPR10

Start frame: 1701 End frame: ~~3118~~ 33464 Cast Depth: 1014

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Elog-ed after the fact

COMMENTS: \_\_\_\_\_









VPR DATA SHEET

Day  Night

Cruise NH1208 Location Stn V Cast# 15

Date Sept 4, 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 247 Sea State calm

Local Time 12:14 to 13:07 Start: Lat 44.901818 Long 141.243845

GMT Time 20:14 to 21:07 End: Lat 44.900912 Long 141.245852

Start Battery \_\_\_\_\_ End Battery \_\_\_\_\_ Magnification S1

Raw Filename: 1346789543 Processed Directory NH1208\_VPR\VPR15

Start frame: 4720 End frame: 33530 Cast Depth: 1012

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Series of horizontal lines for recording observations.

COMMENTS: \_\_\_\_\_





VPR DATA SHEET

Day / Night

Cruise NH1208 Location ST 13 Cast# 17

Date 9/5/12 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 248 Sea State \_\_\_\_\_

Local Time 00:07 to 1:28 Start: Lat 44.088 Long -139.736

GMT Time 08:08 to 09:28 End: Lat 44.102 Long -139.763

Start Battery \_\_\_\_\_ End Battery \_\_\_\_\_ Magnification S1

Raw Filename: 1346882369 Processed Directory VPR17

Start frame: 3900 End frame: 32250 Cast Depth: 1015

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

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COMMENTS: \_\_\_\_\_



VPR DATA SHEET

Day/Night

Cruise NH1208 Location St 15 Cast# 19

Date 09/05 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 248 Sea State \_\_\_\_\_

Local Time 16:26 to 17:39 Start: Lat 43.109 Long -138.101

GMT Time 0026 to 01:34 End: Lat 43.116 Long -138.118

Start Battery \_\_\_\_\_ End Battery \_\_\_\_\_ Magnification 51

Raw Filename: 1346890768 Processed Directory VPR19

Start frame: 17000 End frame: 45750 Cast Depth: 1011

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Yo-yo. End frame: 17000 - 45750 -> single down run  
Yo-yo -> # 5850 - 17-000 -> Folder ~ VPR19 / YOYO

Pictures n21 nos. 04224802900 to 04224891369 are wrong.

COMMENTS: \_\_\_\_\_



VPR DATA SHEET

Day Night

Cruise NH1208 Location sta. 16 Cast# 21

Date 10 Sept. 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day \_\_\_\_\_ Sea State 4/5000

Local Time 10<sup>15</sup> to 11<sup>43</sup> Start: Lat 42.50223 Long. -137.341664

GMT Time 18<sup>16</sup> to 19<sup>43</sup> End: Lat 42.52632 Long -137.36956

Start Battery \_\_\_\_\_ End Battery 26.2 Magnification 51

Raw Filename: \_\_\_\_\_ Processed Directory \_\_\_\_\_

Start frame: \_\_\_\_\_ End frame: \_\_\_\_\_ Cast Depth: \_\_\_\_\_

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Not flashing on recovery.

.dat file only 30MB.

.idx file doesn't RUN in autodetect.

- one side of hard drive not clipped in place

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location Stn 17 Cast# 22

Date Sept 6 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 249 Sea State rough

Local Time 17:07 to 18:24 Start: Lat 42.003382 Long 136.555232

GMT Time 1:07 to 2:24 End: Lat 42.09735 Long 136.559705

Start Battery 26.5 End Battery 24.8 Magnification S1

Raw Filename: 1346979773 Processed Directory NH1208-VPR\VPR22

Start frame: 6850 End frame: 35890 Cast Depth: 1010

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Battery C

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day  Night

Cruise NH1208 Location Sta ~~23~~ 18 Cast# 23

Date Sept 7, 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 250 Sea State rough

Local Time 4:25 to 5:25 Start: Lat 41.625982 Long 135.783080

GMT Time 12:25 to 13:25 End: Lat 41.639450 Long 135.796993

Start Battery \_\_\_\_\_ End Battery \_\_\_\_\_ Magnification S1

Raw Filename: 1347020638 Processed Directory NH1208-VPR\VPR23

Start frame: 5330 End frame: 33616 Cast Depth: 995

<sup>← last frame</sup>

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Battery A

~~East~~ Rest of cast missing

Other files (1 KB or more) crash auto deck

Hard drive full

COMMENTS: \_\_\_\_\_





VPR DATA SHEET

Day / Night

Cruise NH1208 Location ST 19 Cast# 25

Date 09/07/2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 250 Sea State \_\_\_\_\_

Local Time 22:59 to 00:22 Start: Lat 41.013 Long -135.012

GMT Time 06:59<sup>09108</sup> to 08:22 End: Lat 41.029 Long -135.032

Start Battery \_\_\_\_\_ End Battery 25.3 Magnification 51

Raw Filename: 1347087438 Processed Directory VPR 25

Start frame: 4800 End frame: 35300 Cast Depth: 1013

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Batt Batterie C

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location st 20 Cast# 26

Date 09/08/2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 251 Sea State \_\_\_\_\_

Local Time 8:53 to 5:15 Start: Lat 40.503 Long -135.601

GMT Time 11:53 to 13:5 End: Lat 40.509 Long -135.012

Start Battery 27.5V End Battery 25.4 Magnification 51

Raw Filename: 1347105041 Processed Directory 8 VPR 26

Start frame: 5230 End frame: 35180 Cast Depth: 8 1013

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Handwritten: Already closed battery. No A

COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location Stn 21 Cast# 27

Date Sept 8, 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 251 Sea State \_\_\_\_\_

Local Time 11:55 to 12:53 Start: Lat 40.093 Long 135.023

GMT Time 19:55 to 20:53 End: Lat 40.091 Long 135.031

Start Battery 28.2 End Battery 25.6 Magnification 5.1

Raw Filename: 1347134028 Processed Directory NH1208\_VPR\_VPR27

Start frame: 4330 End frame: 33015 Cast Depth: 1012

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Battery 6

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COMMENTS: \_\_\_\_\_

VPR DATA SHEET

Day / Night

Cruise NH1208 Location Stn. 21 Cast# 28

Date Sept 8<sup>th</sup> 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 251 Sea State \_\_\_\_\_

Local Time 2300 to 000 Start: Lat 40.067 Long 135.073

GMT Time 2100 to 800 End: Lat 40.062 Long 135.088

Start Battery 27.5 End Battery 25.7 Magnification 51

Raw Filename: 1347172934 Processed Directory VPR 28

Start frame: 4417 End frame: 33498 Cast Depth: 1012

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

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COMMENTS: \_\_\_\_\_



VPR DATA SHEET

Day /  Night

Cruise NH1208 Location Sta 23 Cast# 30

Date Sept 9, 2012 Wind Speed \_\_\_\_\_ Direction \_\_\_\_\_

Year/Day 252 Sea State calm

Local Time 10:08 to 11:31 Start: Lat 39.003 Long 135.002

GMT Time 18:08 to 19:31 End: Lat 39.008 Long 135.018

Start Battery 28.3 End Battery 25.3 Magnification S1

Raw Filename: 1347214079 Processed Directory NH1208\_VPR\VPR30

Start frame: 4500 End frame: 32780 Cast Depth: 1012

INTERESTING OBSERVATIONS MADE DURING EXTRACTION

Depth Frame#

Batt B

3 files written on upcast ↑ 55 m to 48 m missing

COMMENTS: \_\_\_\_\_