

Tritium Laboratory
27 January 2010

COURTESY SWAB REPORT #539

SWAB DATE: 6 January 2010

R/V NEW HORIZON

Dr. James D. Happell
Associate Research Professor

Distribution:
SWAB Committee
Gary Lain

REPORT FOR COURTESY SWAB # 539

LOCATION: San Diego, CA
 TECHNICIAN: Gary Lain
 VESSEL/LAB: R/V New Horizon

DATE: 6 January 2010
 STATUS: See Comments

0	Machine Blank	-	-
1	Tap water blank	0	0
2	Initial bucket blank C.O. #1	0	0
<u>Main Lab (See Figure)</u>			
3	Torrey freezer frost	0	0
4	Upright freezer frost	25	0
5	Inside refrigerator bottom	282	0
6	Sink area	215	33
7	Deck in front of sink	119	0
8	Benchtop foreward	111	0
9	Benchtop foreward clock	53	0
10	Benchtop mid	156	0
11	Benchtop mid window	15	0
12	Benchtop center	42	0
13	Benchtop stbd. aft	115	0
14	Deck at entrance to Ocean Lab	141	0
<u>Ocean Lab (See Figure)</u>			
15	Stbd. sink area	106	0
16	Aft sink area	177	0
17	Benchtop	61	0
18	Sink area	52	0
19	Benchtop	163	0
20	Inside fume hood	80	0
21	Deck in front of sink	113	0
22	Deck at port door	121	0
<u>Wet Lab & Stbd. Lab (See Figure)</u>			
23	Sink	160	0
24	Bench aft	86	0
25	Sink	0	0
26	Deck inside door	87	0
27	Desk top	93	0
28	Scientific freezer	63	0
<u>Upper Lab (See Figure)</u>			
29	Minus 80 freezer	100	0
30	Sink area	59	0
31	Bench	93	0
32	Aft entrance	137	0
33	Foreward entrance	178	0
34	Final bucket blank	0	0

Comments

Samples analyzed are splits from swab test done by Gary Lain (SIO). As in Courtesy SWAB #537, all areas tested were free of C14 contamination, but show very low level 3H in almost every sample. Again, we believe these to be false positives and a swab by Tritium Lab personnel is scheduled on February 8, 2010.

CSWAB #539
6 January 2010