



NORTH PACIFIC DATA BUOY ADVISORY PANEL



• F I L L I N G • T H E • D A T A • V O I D •

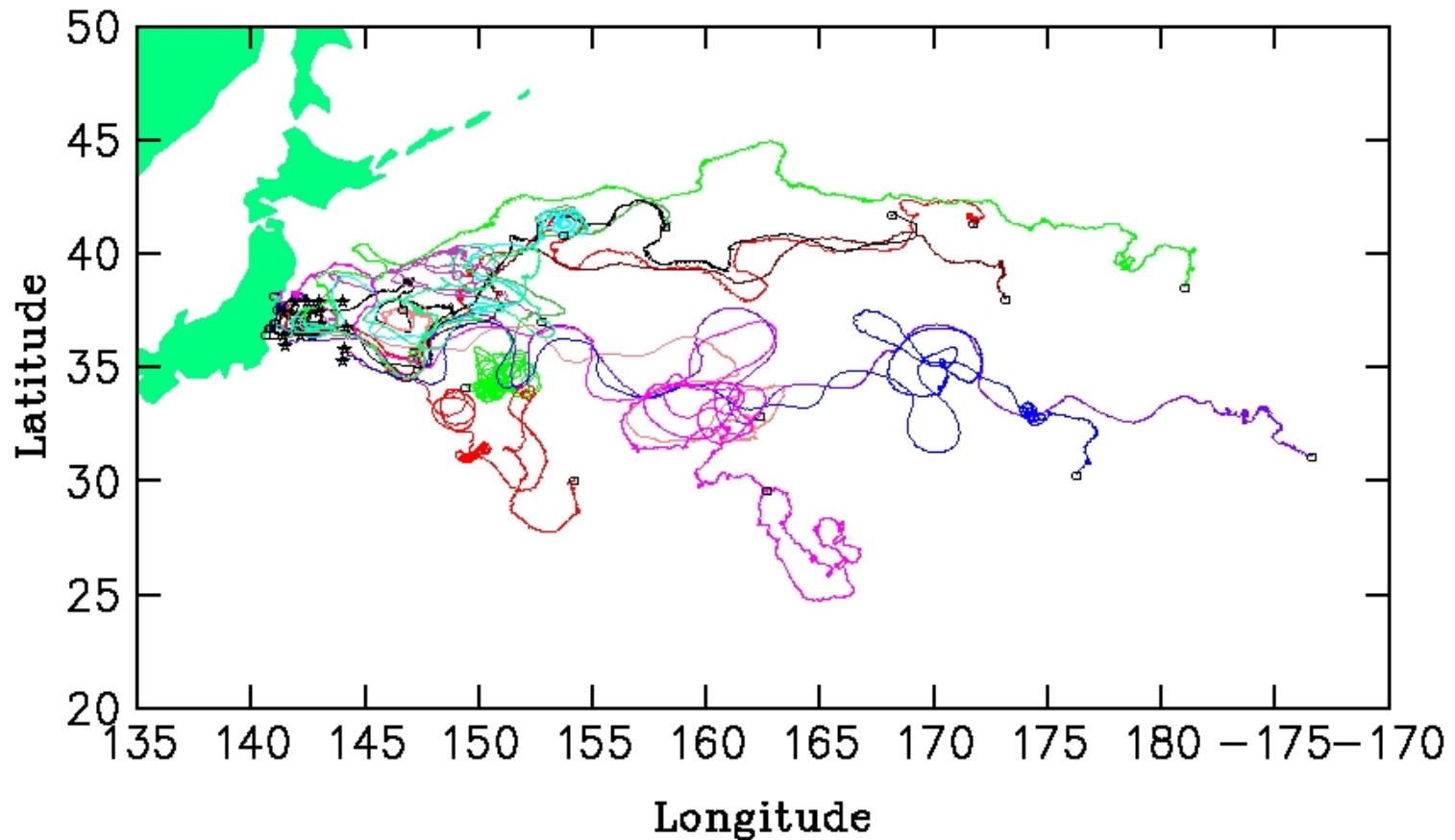


NPDBAP - Freeo, Australia - WA - 2-6 October, 2012

Notable Drifter Deployments

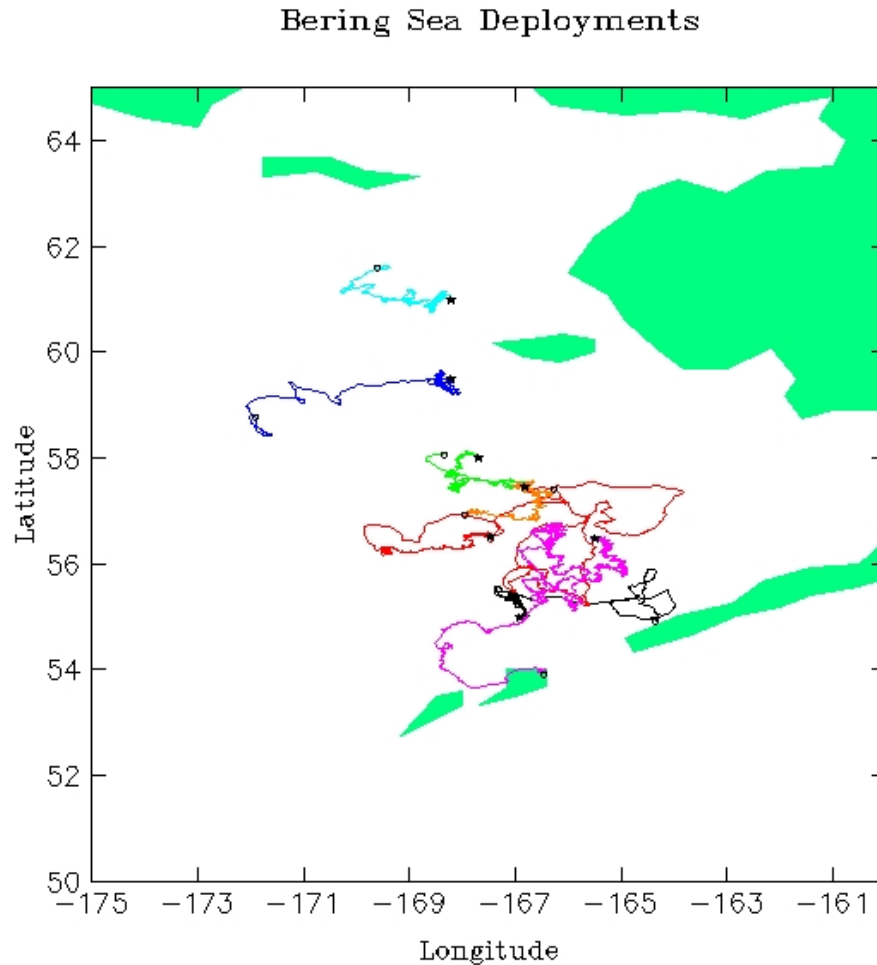
24 SVP Deployments

Fukushima Deployments



Notable Drifter Deployments

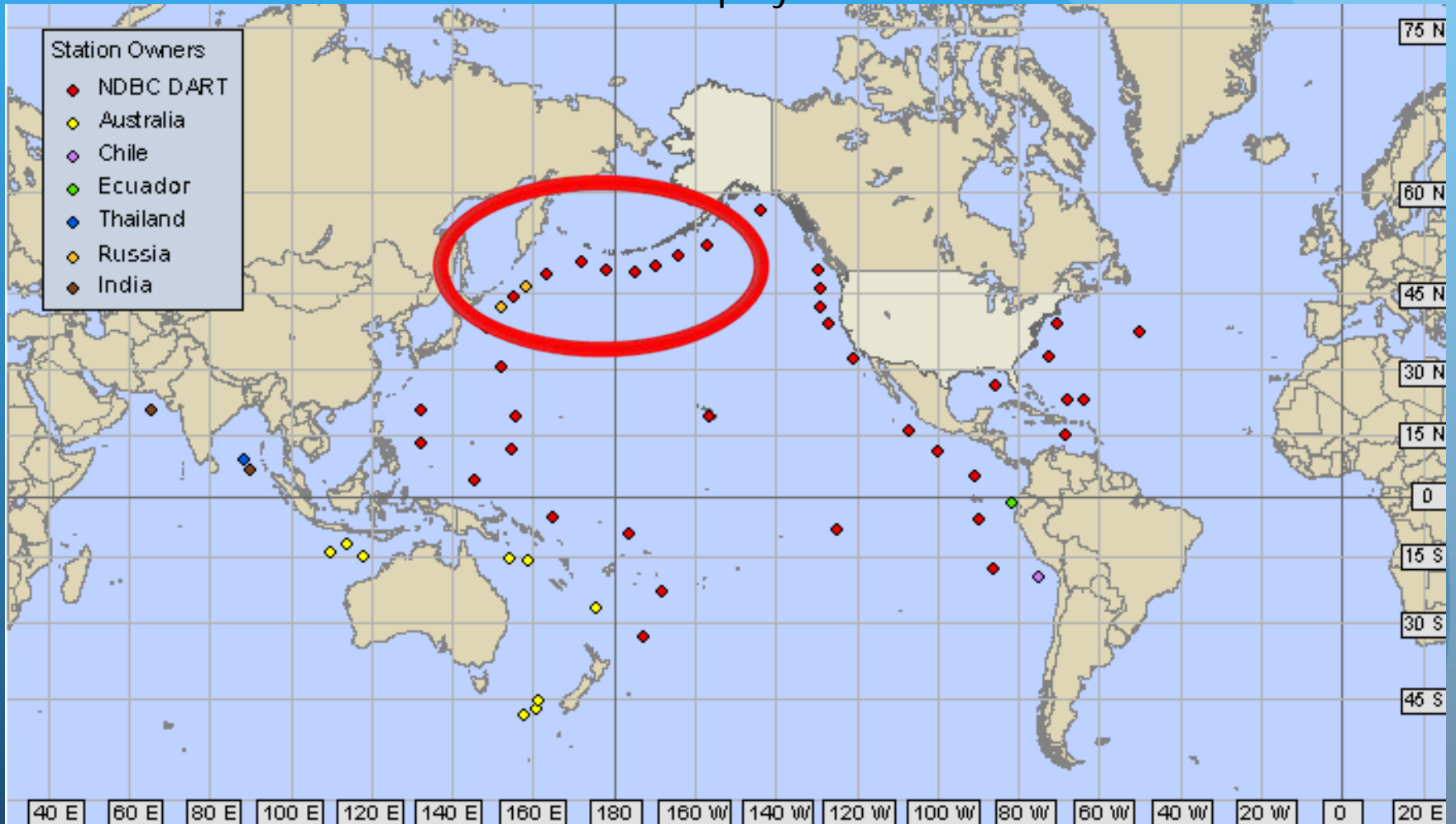
07 SVPB Deployments



Notable Drifter Deployments

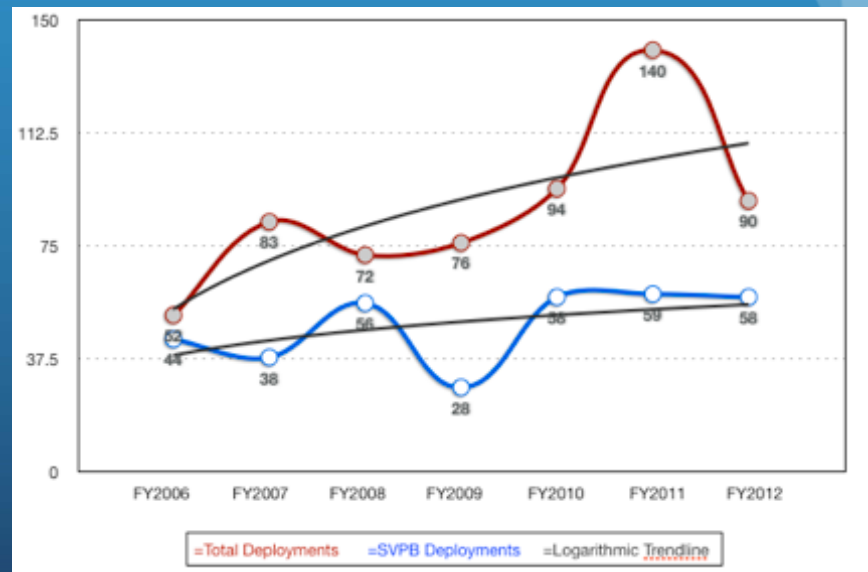
Deep-ocean Assessment and Reporting of Tsunamis (DART)

12 SVPB Deployments

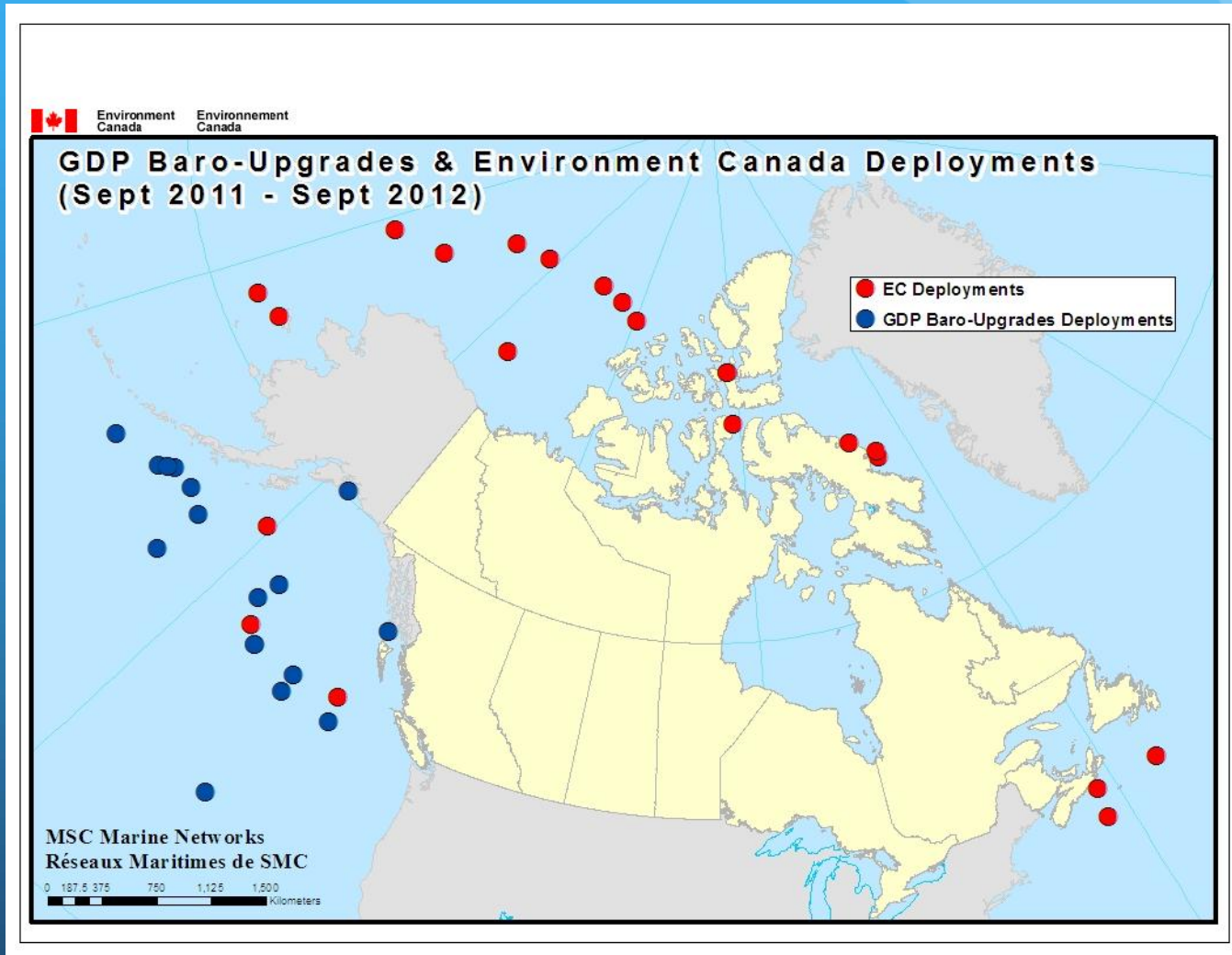


Deployment Trends

| | Total | SVPB | SVP | SVPW | SVPBW | SVPG |
|--------|-------|------|-----|------|-------|------|
| FY2006 | 52 | 44 | 6 | 0 | 2 | 0 |
| FY2007 | 83 | 38 | 44 | 1 | 0 | 0 |
| FY2008 | 72 | 56 | 16 | 0 | 0 | 0 |
| FY2009 | 76 | 28 | 35 | 0 | 0 | 13 |
| FY2010 | 94 | 58 | 13 | 1 | 0 | 22 |
| FY2011 | 140 | 59 | 81 | 0 | 0 | 0 |
| FY2012 | 90 | 58 | 32 | 0 | 0 | 0 |



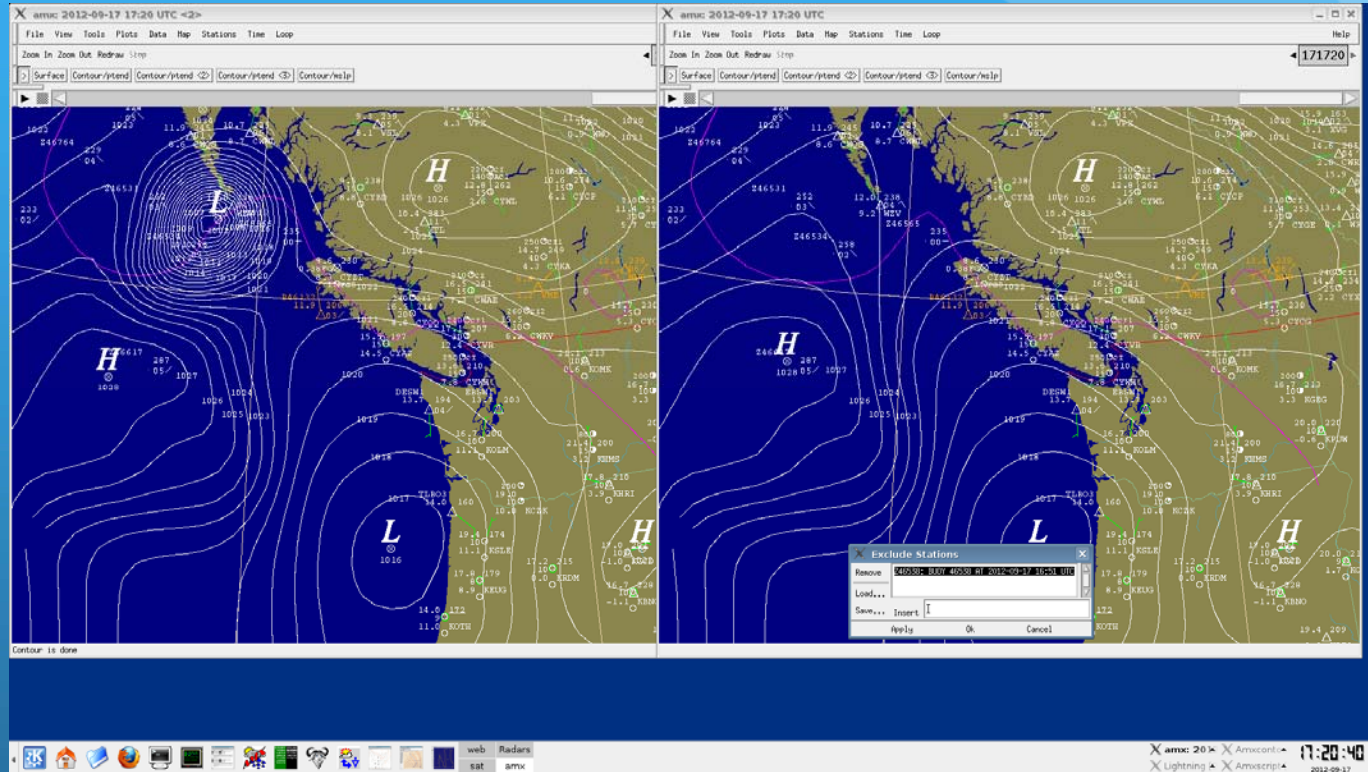
Increasing Canadian Contribution



Number of Messages Archived August 2011 to July 2012

- 151 Drifters per Month
- 1,000,000 Total Drifter Messages onto GTS
 - 988,888 Total messages in 2011
 - 83,000 Messages per Month
 - 82,407 Messages in 2011

Data Usage / Validation of Effort



- Problem with 3-hour pressure tendency detected by marine forecaster in Vancouver. Traced to data decode problem with Pacific Gyre buoys, fixed by CLS.

Drifter Trajectories

2013 Deployment Target Zones



<http://isdm.gc.ca/isdm-gdsi/drib-bder/gts-smt/index-eng.asp?actn=NPAC>

2013 Goals

1. Deployment of 70 SVPB Drifters
1. Deep-ocean Assessment and Reporting of Tsunamis (DART) Cruise Utilization
2. Manage NPDBAP website as DBCP working group
 1. Increase Intercessional Participation