

Pacific Gyre Technical Update for DBCP 2011

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Technical Updates

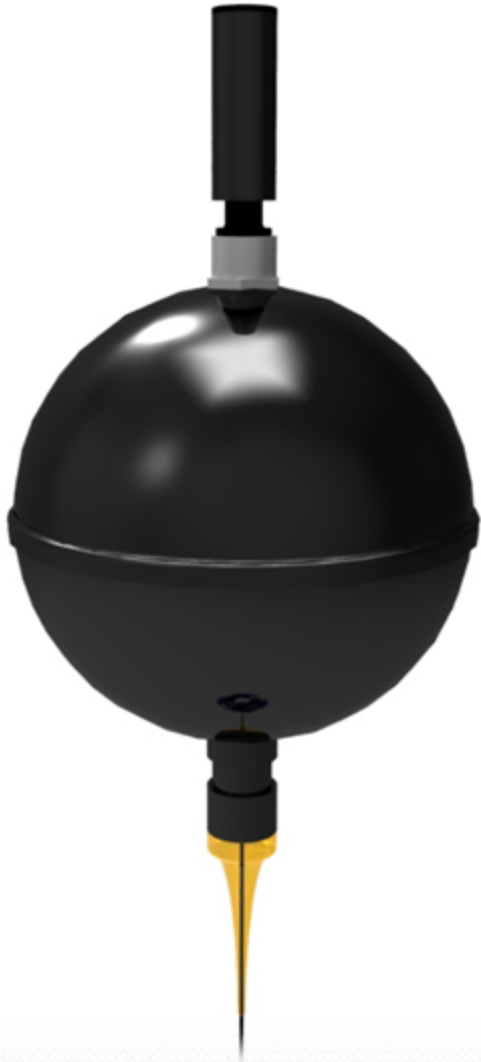


Kenwood Argos III PMT



- Unique LIFO buffer
- Standard Pacific Gyre PMT
- 7 SVPB as Argos III in 2011

SVPB



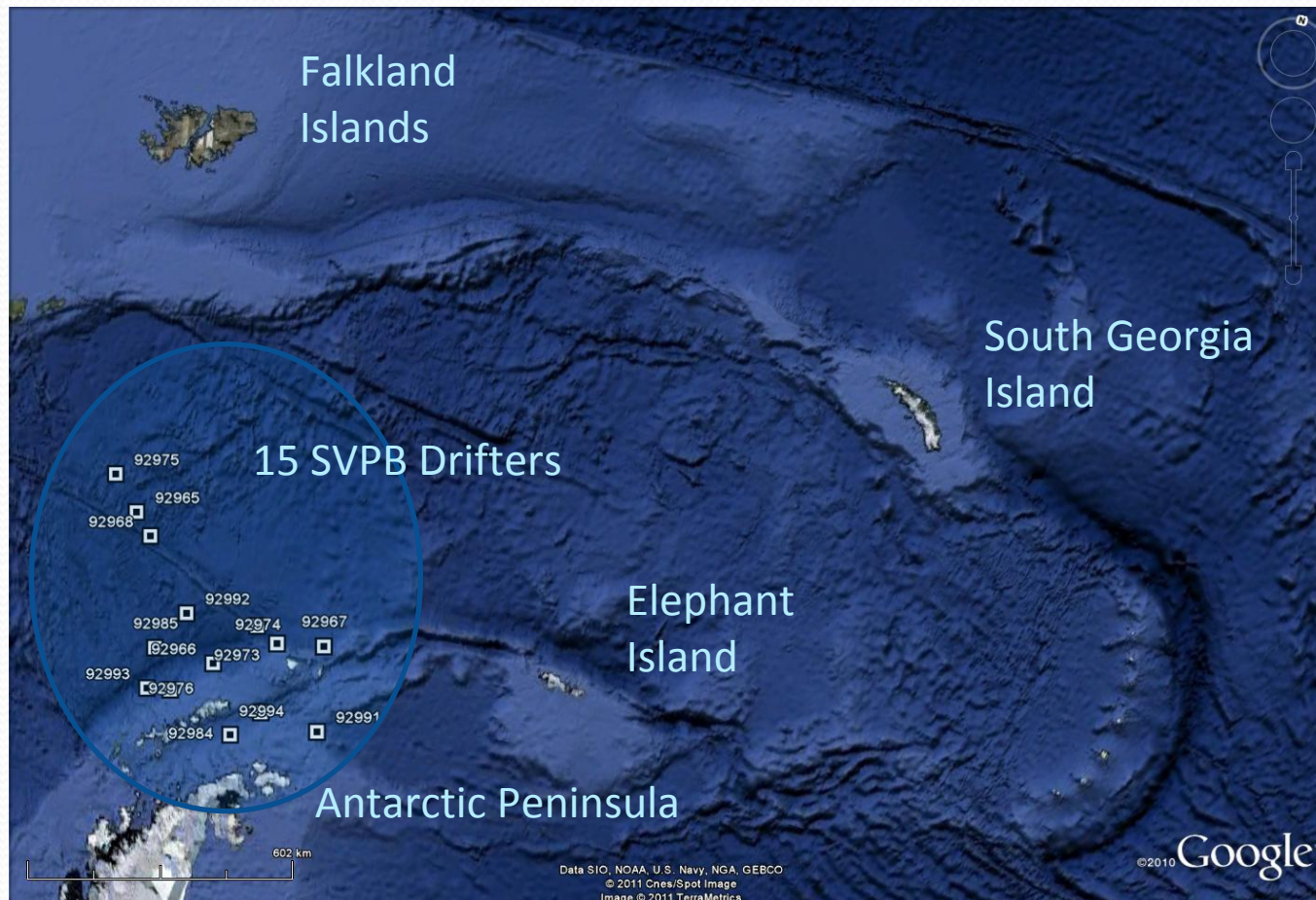
- Larger 35 cm surface float
- Improved de-spiking
- Improved pressure port

SVPB Air Pressure Port



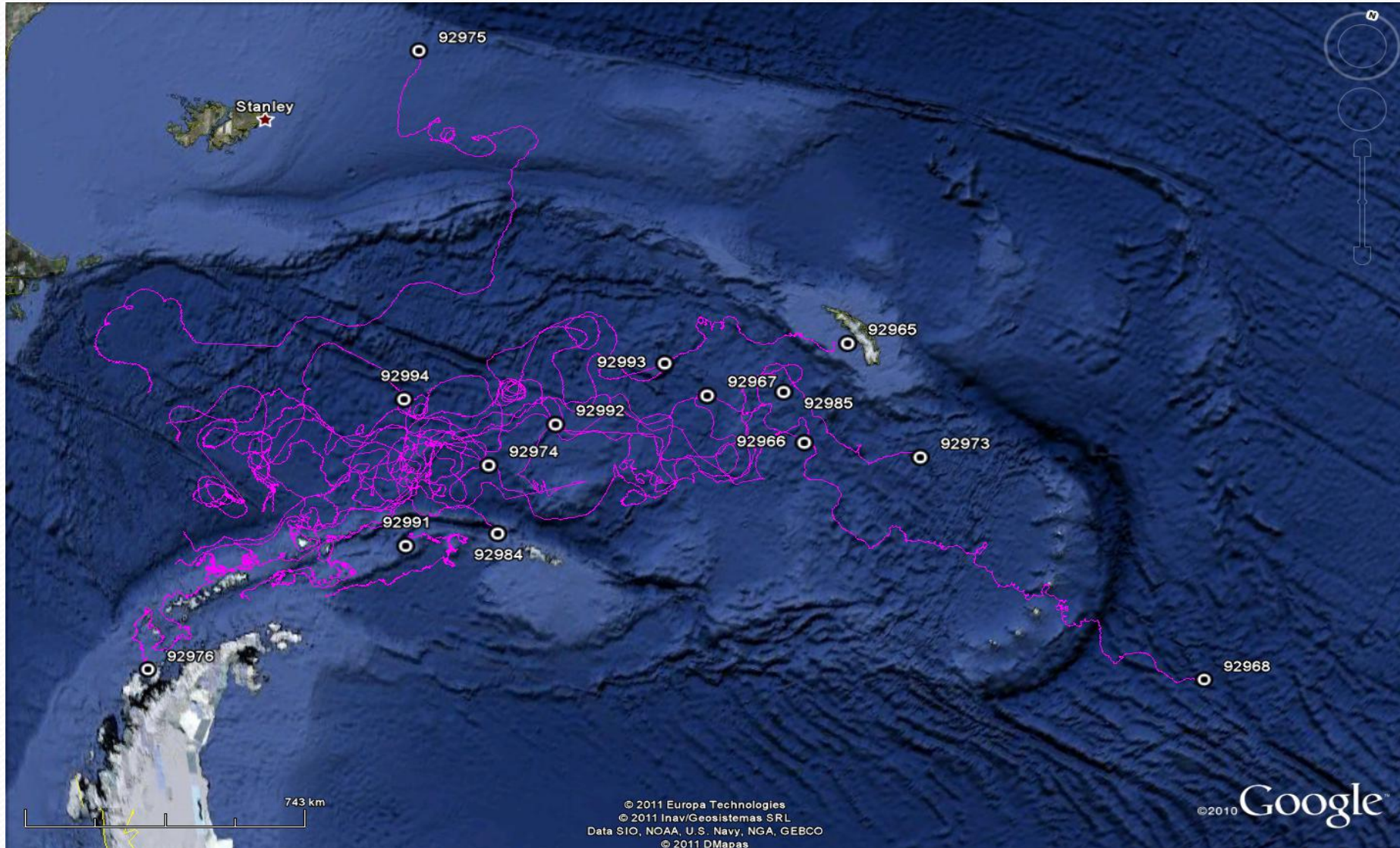
- Reduces wind induced offsets
- Blocks moisture
- More rugged
- Extensively Tested

2011 SVPB Southern Ocean

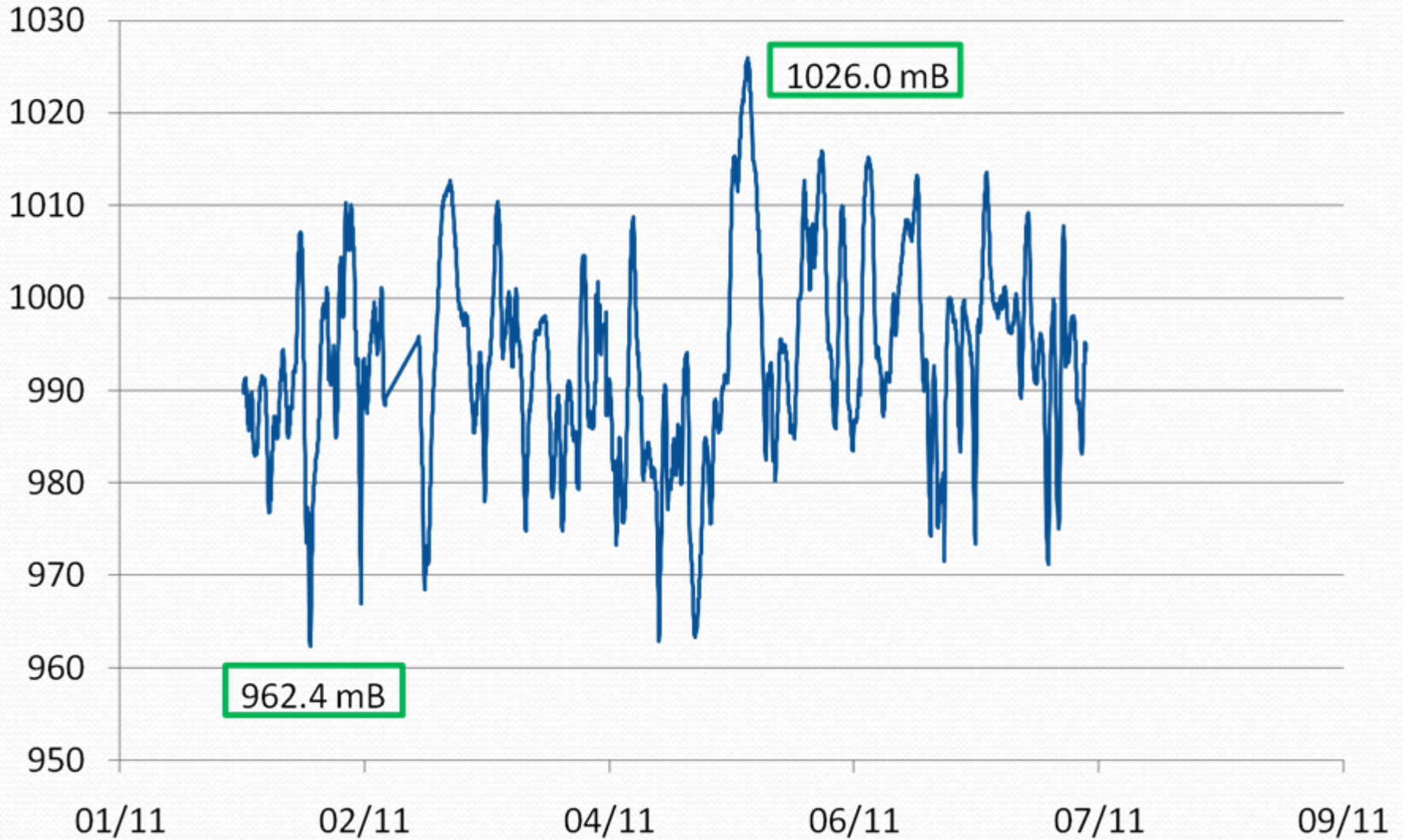


Dep. Date	Lat.
01/14	-59
01/15	-61
01/24	-61
01/14	-59
01/22	-61
02/02	-60
01/13	-58
01/19	-62
01/31	-62
01/19	-61
02/16	-58
01/25	-62
01/15	-60
01/19	-62
02/01	-62

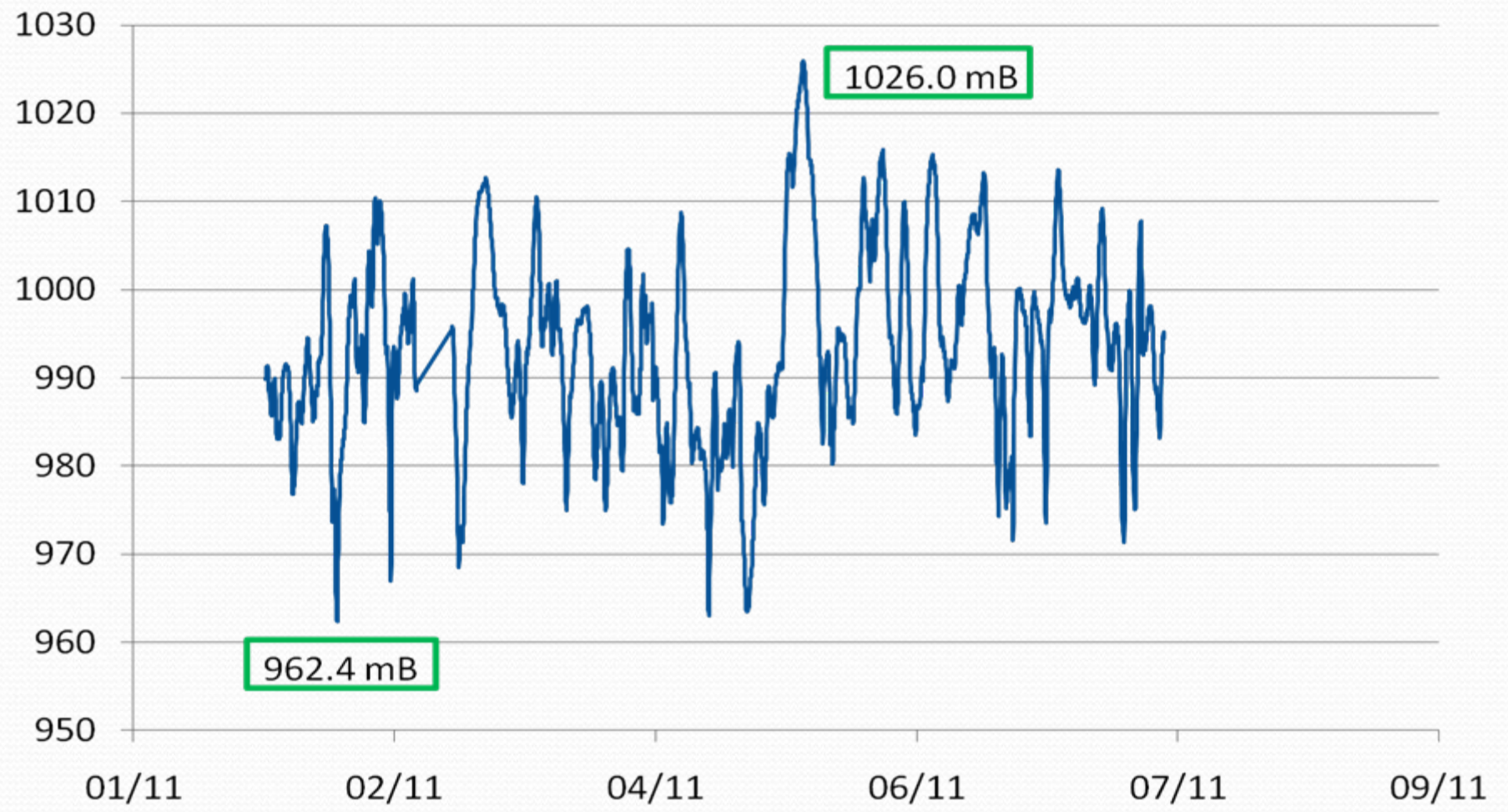
Drifter Tracks



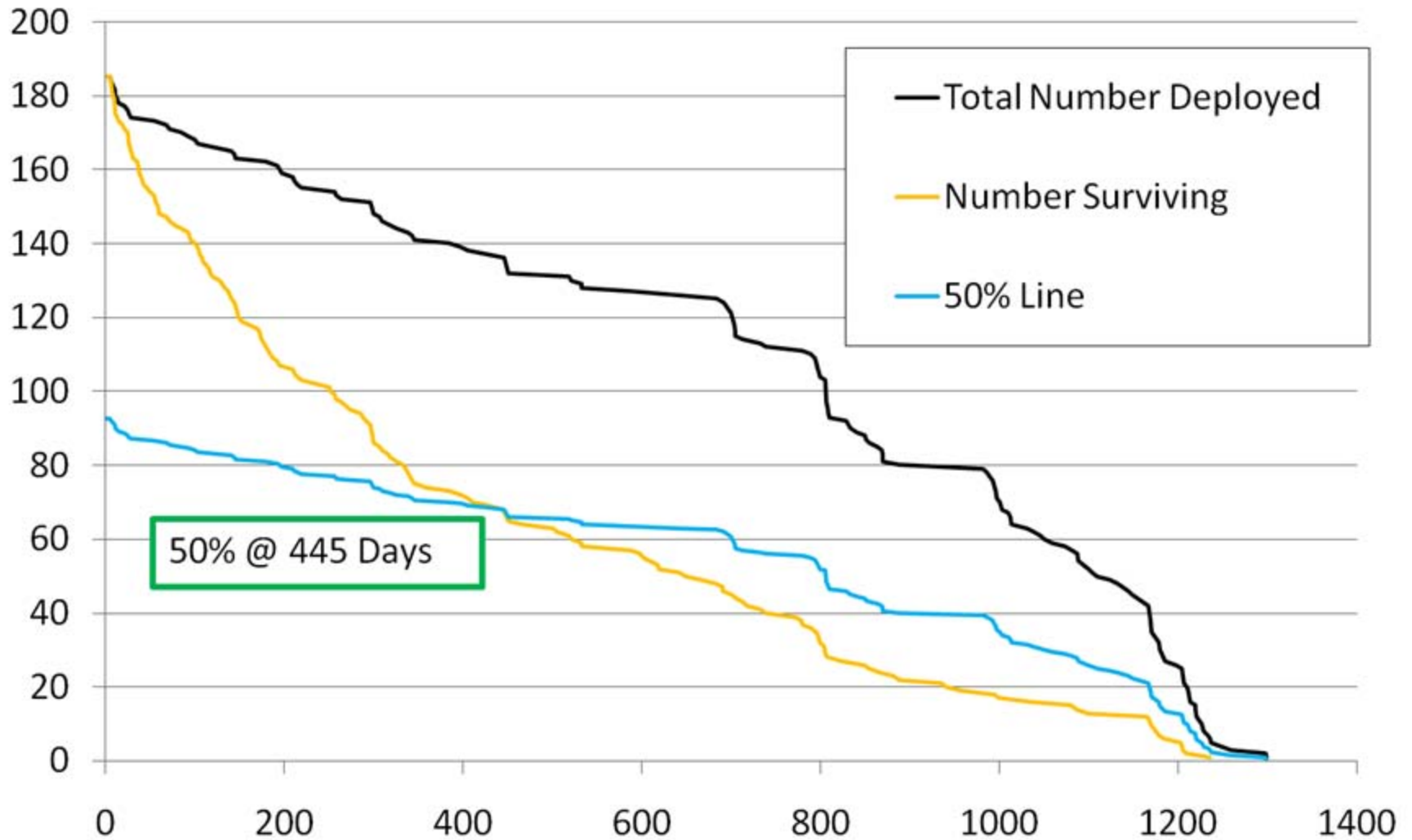
Typical SVPB Southern Ocean Pressure Plot



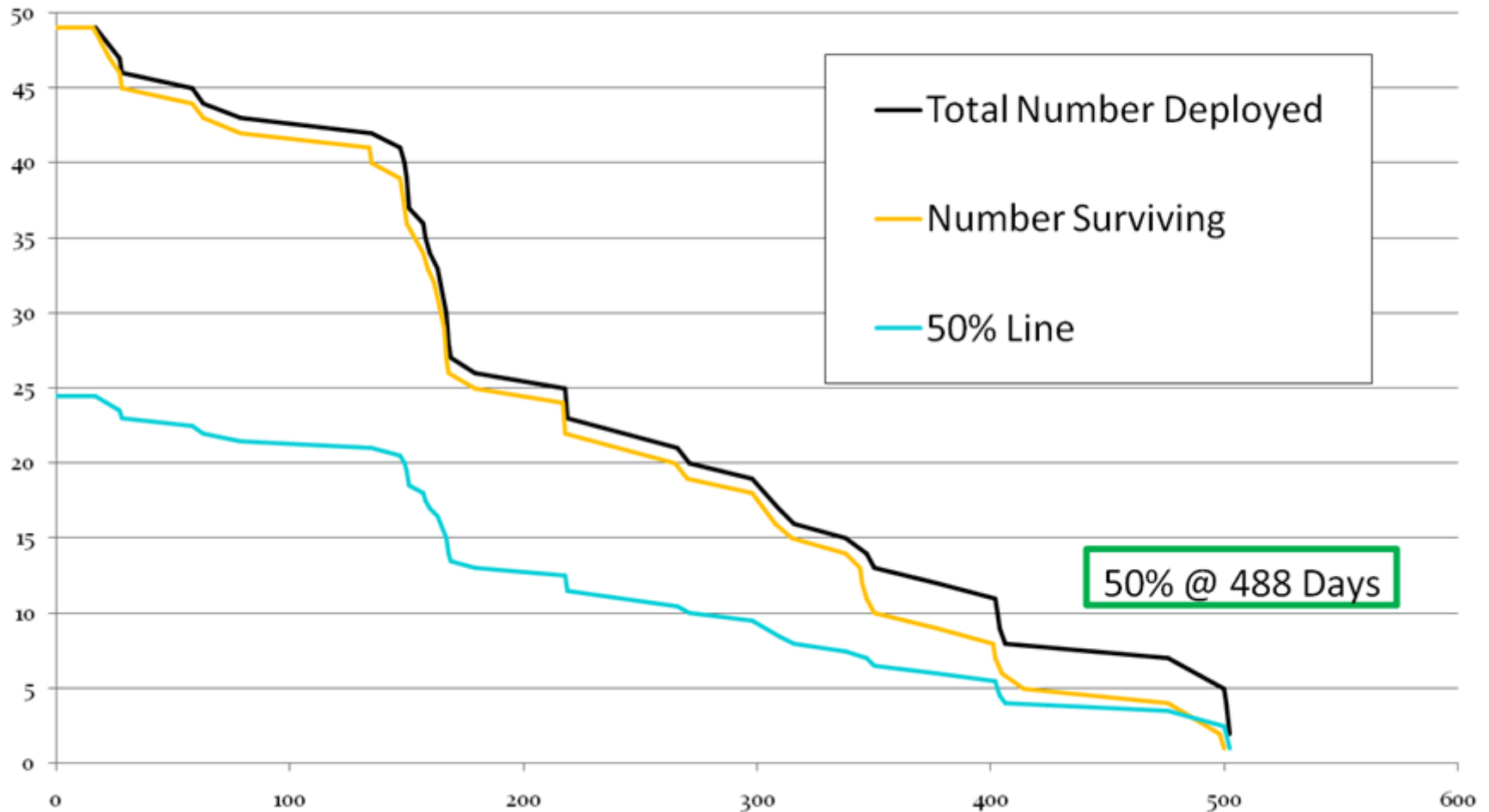
Typical SVPB Southern Ocean Pressure Plot



SVP 2007 Half Life Plot

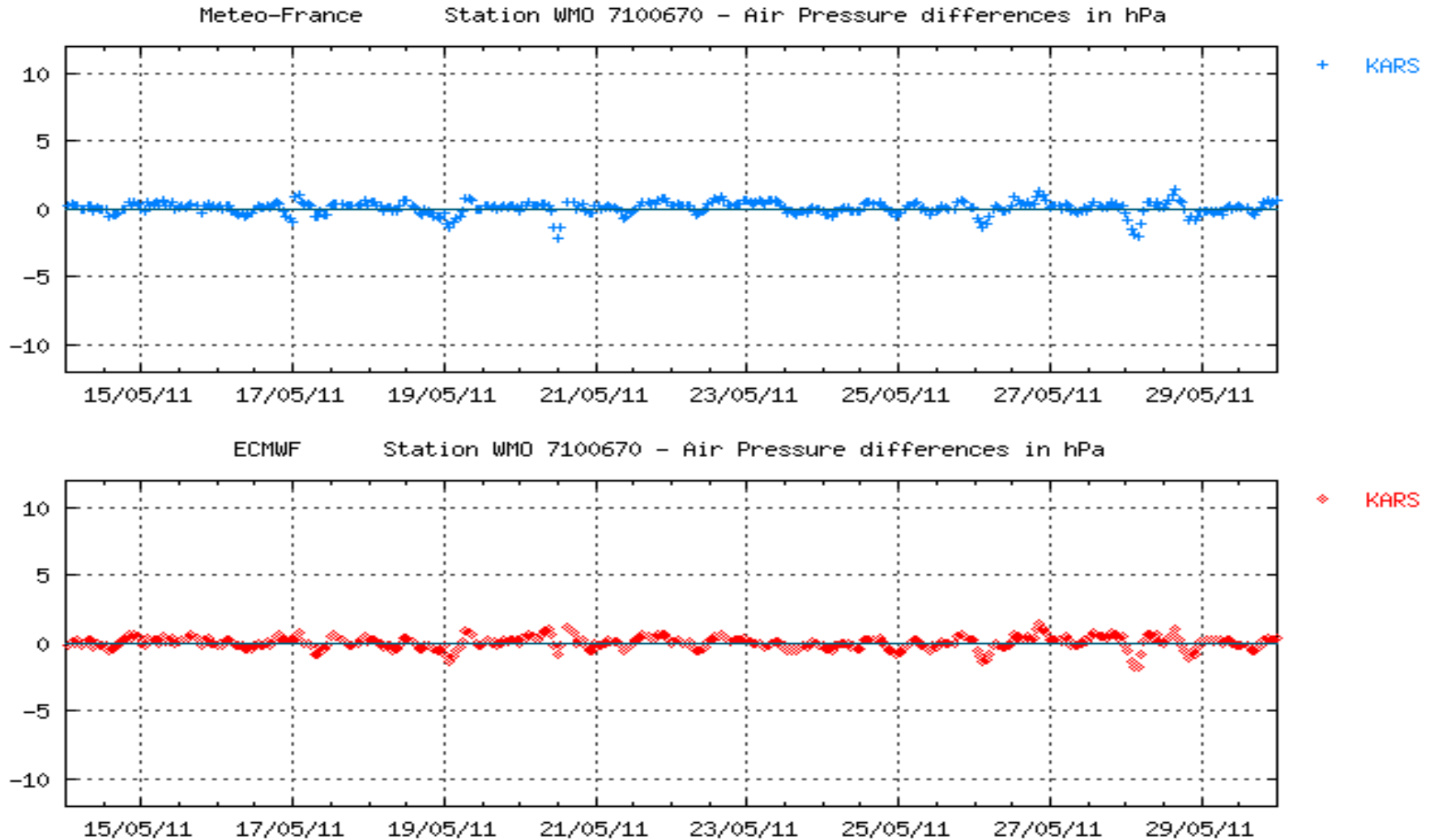


SVPB 2008 Half Life Plot



50% @ 488 Days

Meteo France QC Plot



2011 SVPB Southern Ocean Status

PTTID	WMO	Deployment Date	EndDate	DeathType	On GTS
92965	71655	2011-01-14	2011-08-21	Grounded	0
92966	71652	2011-01-15	2011-07-07	Grounded	0
92967	71664	2011-01-24	2011-09-20	Alive	Yes
92968	71660	2011-01-14	2011-08-20	Stop Xmit	0
92973	71665	2011-01-22	2011-09-20	Alive	Yes
92974	71670	2011-02-02	2011-09-20	Alive	Yes
92975	71661	2011-01-13	2011-09-20	Alive	Yes
92976	71666	2011-01-19	2011-07-18	Grounded	0
92984	71671	2011-01-31	2011-09-20	Alive	Yes
92985	71667	2011-01-19	2011-09-20	Alive	Yes
92990	33657	2011-02-16	2011-07-21	Stop Xmit	0
92991	71669	2011-01-25	2011-06-09	Stop Xmit	0
92992	71653	2011-01-15	2011-09-20	Alive	Yes
92993	71668	2011-01-19	2011-07-15	Grounded	0
92994	71672	2011-02-01	2011-07-23	Stop Xmit	0