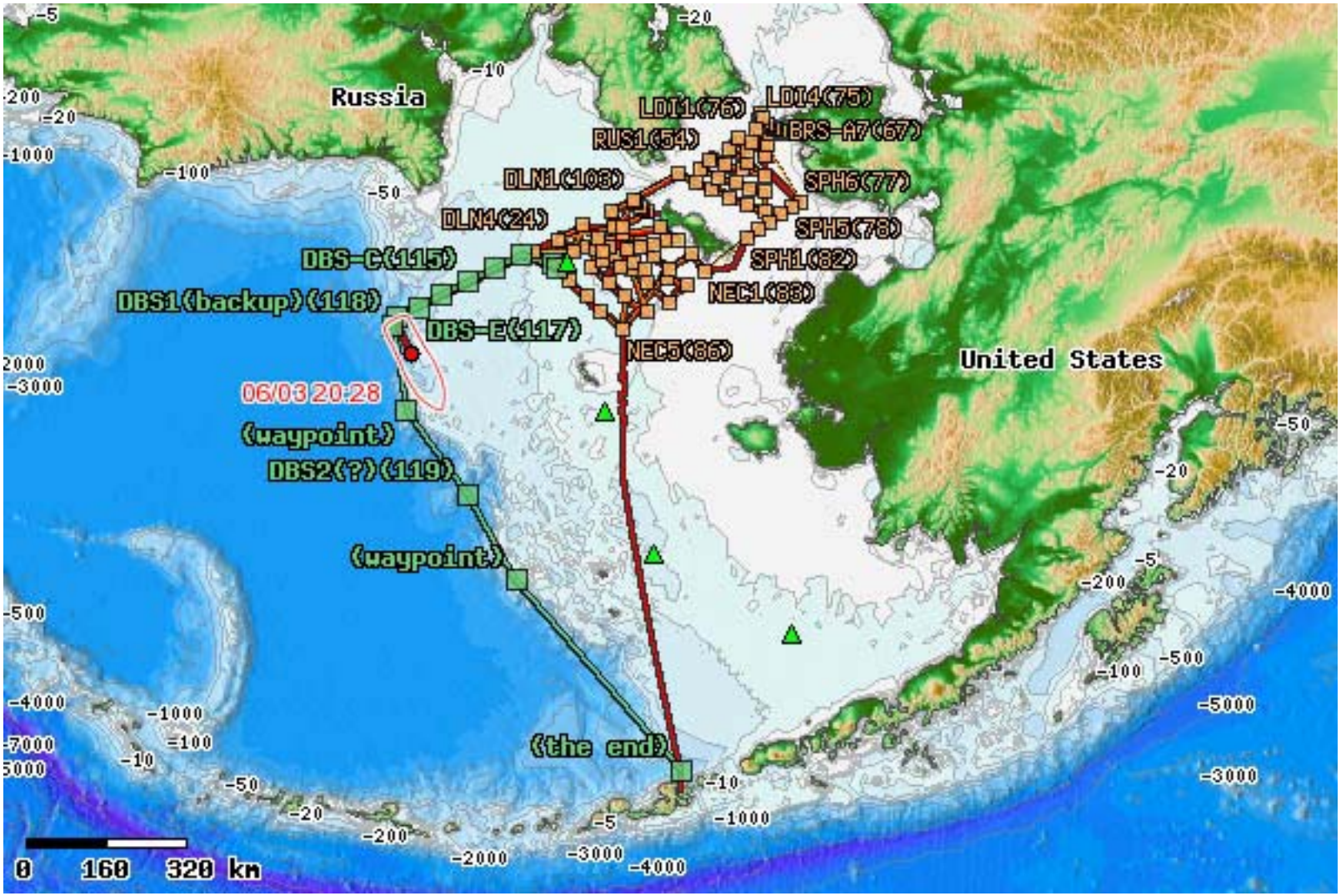
HLY0601


Russia
United States
LDI1(76)
LDI4(75)
UBRS-A7(67)
RUS1(54)
DLN1(103)
SPH6(77)
DLN4(24)
SPH5(78)
DBS-C(115)
SPH1(82)
DBS1(backup)(118)
NEC1(83)
DBS-E(117)
NEC5(86)
06/03 20:28
(waypoint)
DBS2(?)(119)
(waypoint)
(the end)
0 160 320 km


CE Analysis
18, 2006
0-1 tenths, 1st year medium
0-1 tenths, 1st year
3-5 tenths, 1st year medium
DLN2(27)
NWC2.5(25)
DLN3(23)
NWC2(26)
VNG5(28)
NWC3(22)
DLN4(24)
VNG4(21)
ice free
NWC4A(9)
CD1(20)
SWC3A(29)
SWC2(38)
NWC4(8)
7-9 tenths, 1st year medium
VNG3.5(19)
SIL2(37)
POP3A(30)
SWC4A(17)
VNG1(5)
NWC 5(6)
SWC4(11)
1-3 tenths, 1st year medium
9-10 tenths, 1st year medium
NEC2.5(35)
SEC3(32)
SIL4(12)
2-4 tenths, 1st year medium
5-7 tenths, 1st year me
SEC4(13)
SIL5(3)
NEC3(33)
NEC4(14)

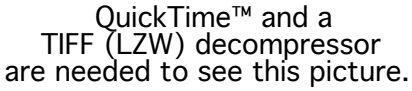
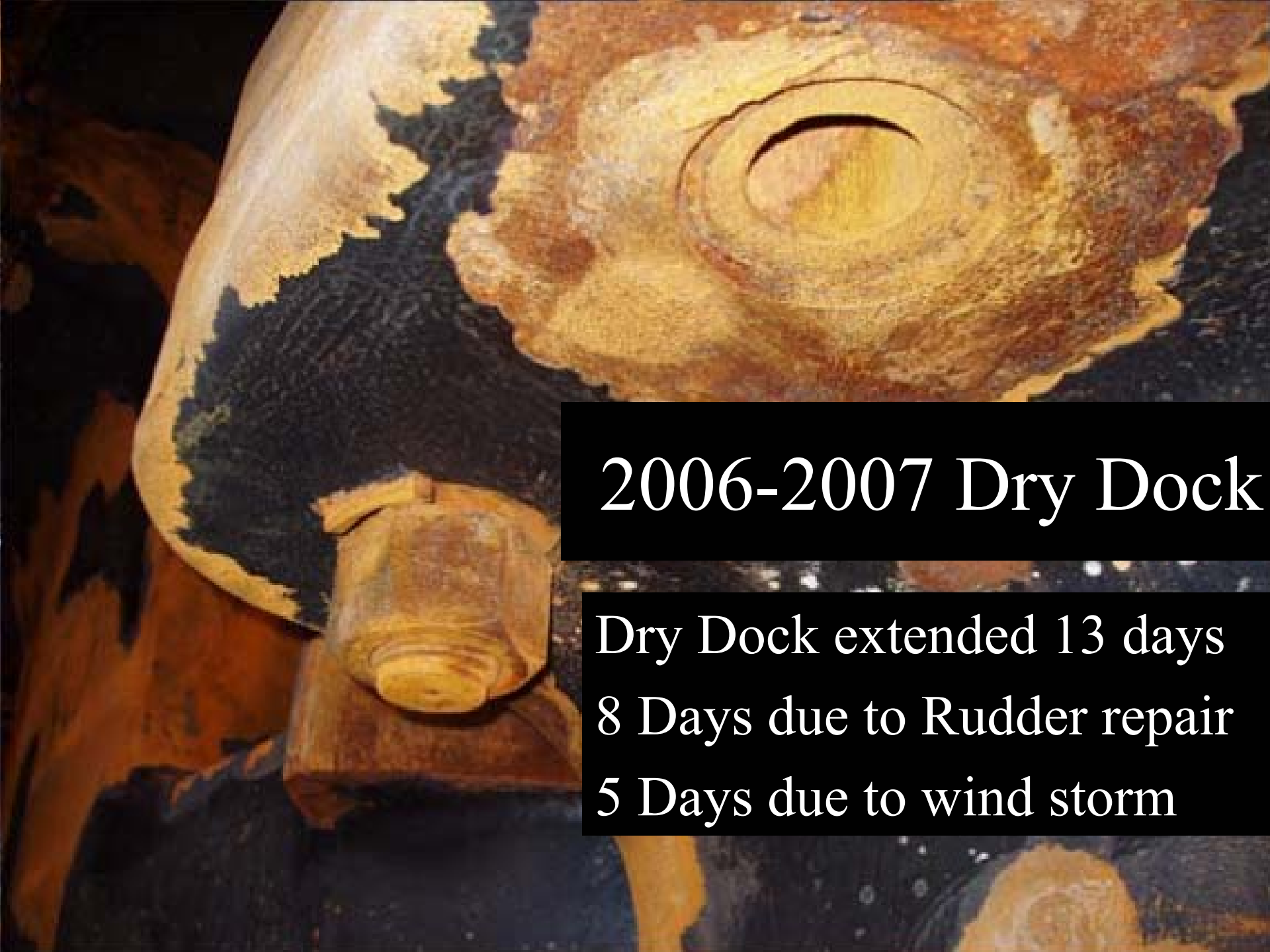

QuickTime™ and a
TIFF (LZW) decompressor
are needed to see this picture.

Figure 4. View of seismic source frame from above. Frame towed by main trawl wire.

Figure 6. Seismic source frame deployed. Tag lines can be seen in photo above and photo on the right. Typical ice conditions on Chukchi and Mendeleev ridge profiles. Ice conditions on Northwind Ridge were much worse.



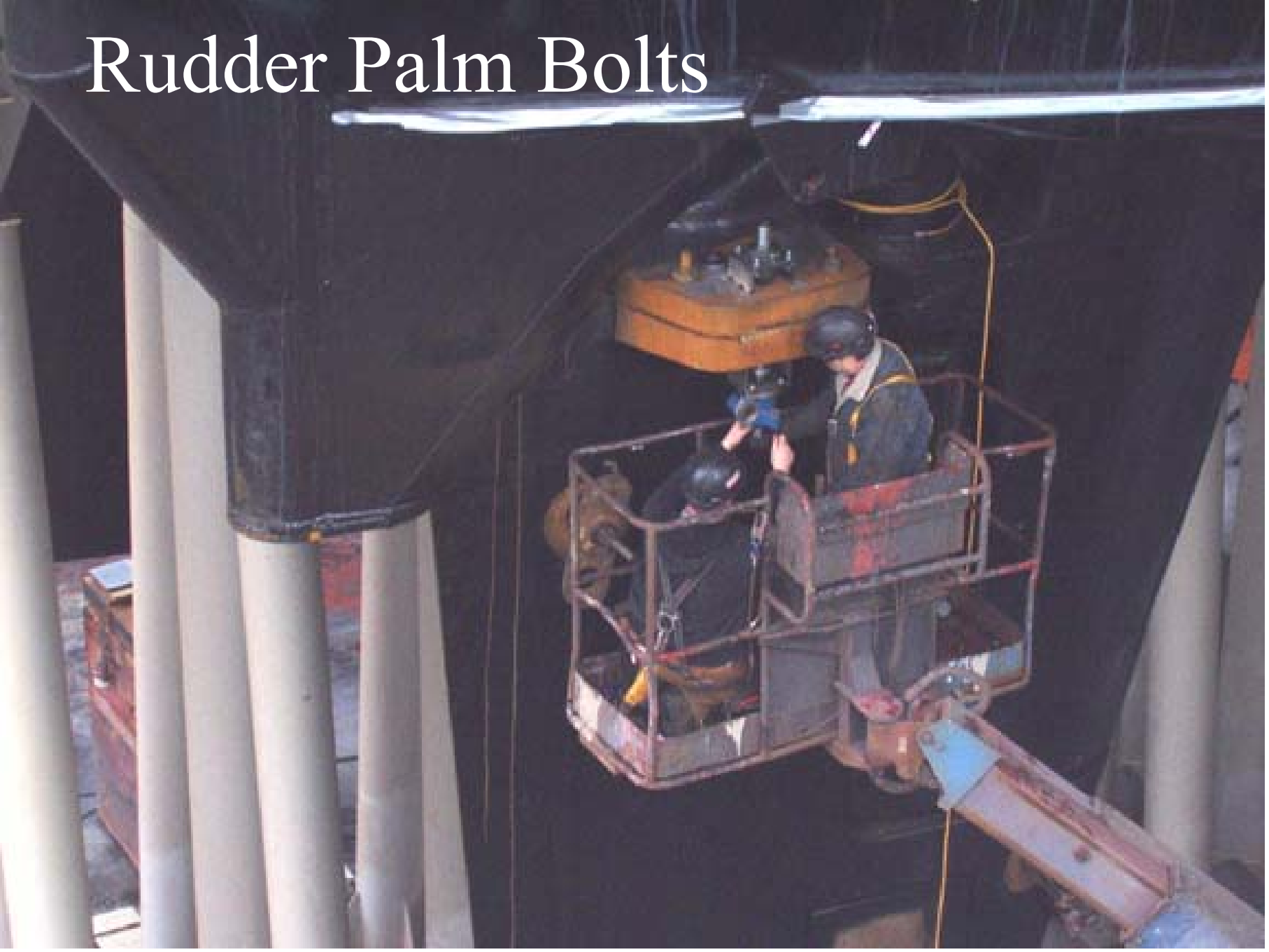
2006-2007 Dry Dock

Dry Dock extended 13 days

8 Days due to Rudder repair

5 Days due to wind storm

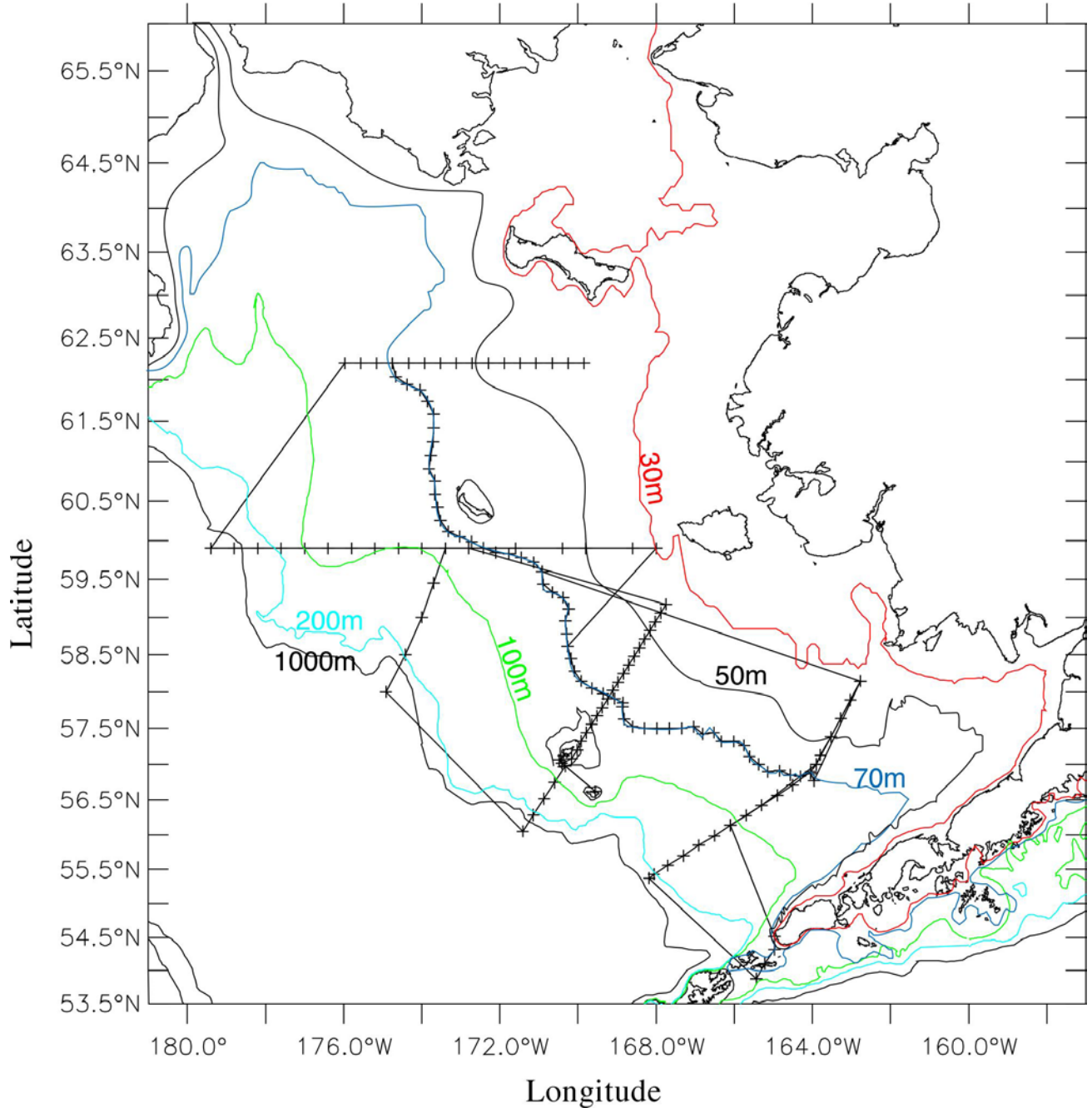
Rudder Palm Bolts



Healy 2007-08 Schedule

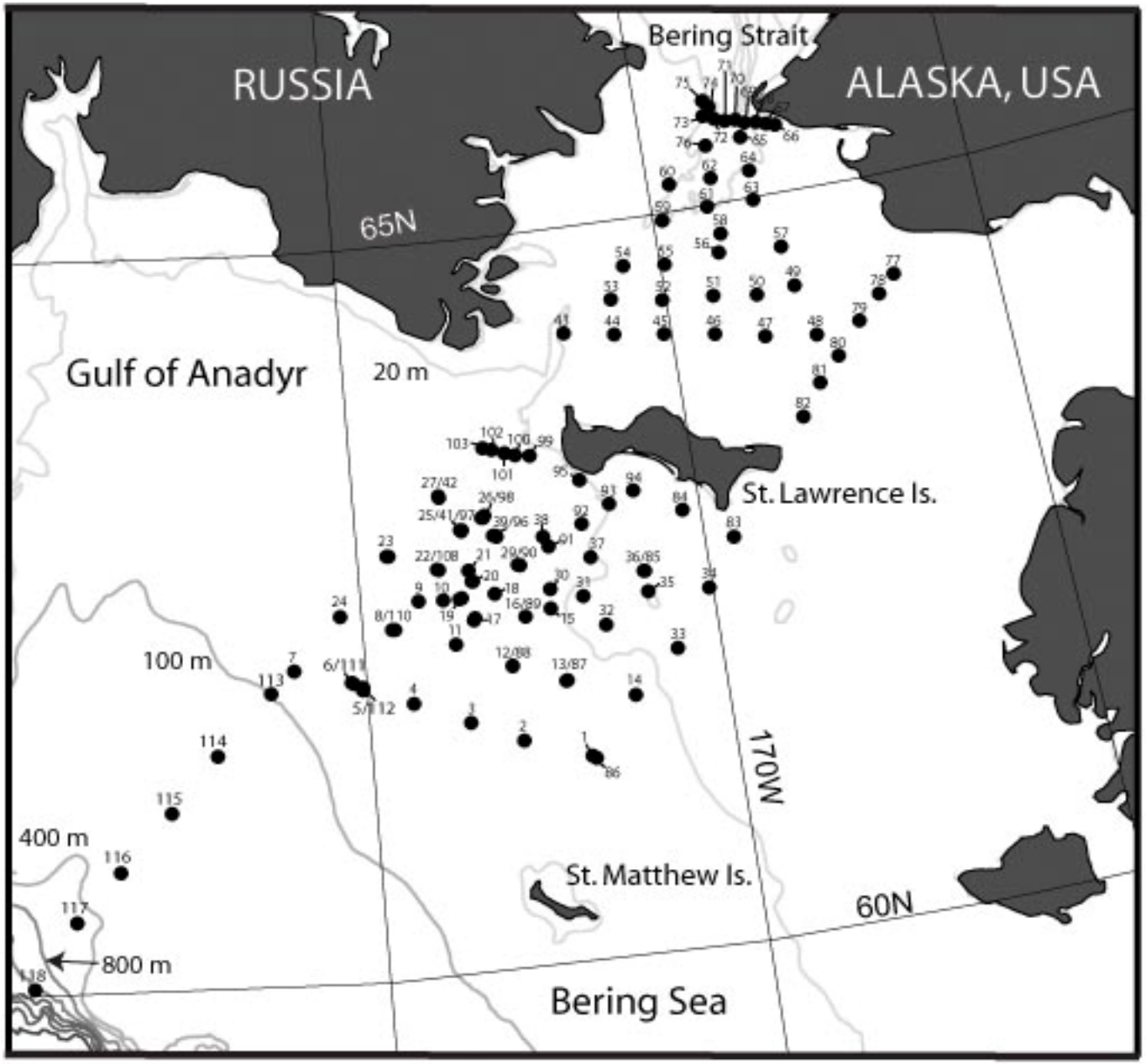
start	end	Days	start port	end port	cruise	NM	Cruise #	
1/1/07	2/8/07	39	Todd ship yard	Todd ship yard	ship yard		11/11/06-1/31/07 on dock	
2/9/07	2/26/07	18	Seattle	Seattle				
2/27/07	3/1/07	3	Seattle	Seattle	underway for engine trials			
3/2/07	3/7/07	6	Seattle	Seattle	Non Op			
3/8/07	3/16/07	9	Seattle	Seattle	Shakedown, 16th Manchester fuel			
3/17/07	4/2/07	17	Seattle	Seattle	Non Op			
4/3/07	4/9/07	7	Seattle	Dutch	Transit			
4/10/07	5/12/07	33	Dutch	Dutch	BEST-	science		
5/13/07	5/15/07	3	Dutch	Dutch	port call			
5/16/07	6/14/07	30	Dutch	Dutch	Grebmeier	science		
6/15/07	8/15/07	62	??	??	??			
8/16/07	9/14/07	30	Barrow	Barrow	Mayer	science		
9/15/07	9/26/07	12	Barrow	Seattle	Transit			
9/27/07	12/31/07	96	Seattle	Seattle	Non Op			
1/1/08	3/3/08	63	Seattle	Seattle	Non Op			
3/4/08	3/10/08	7	Seattle	Dutch	Transit			
3/11/08	5/9/08	60	Dutch	Dutch	BEST-	science		

BEST 2007 HLY0701 Apr 10- May 12 Dutch to Dutch

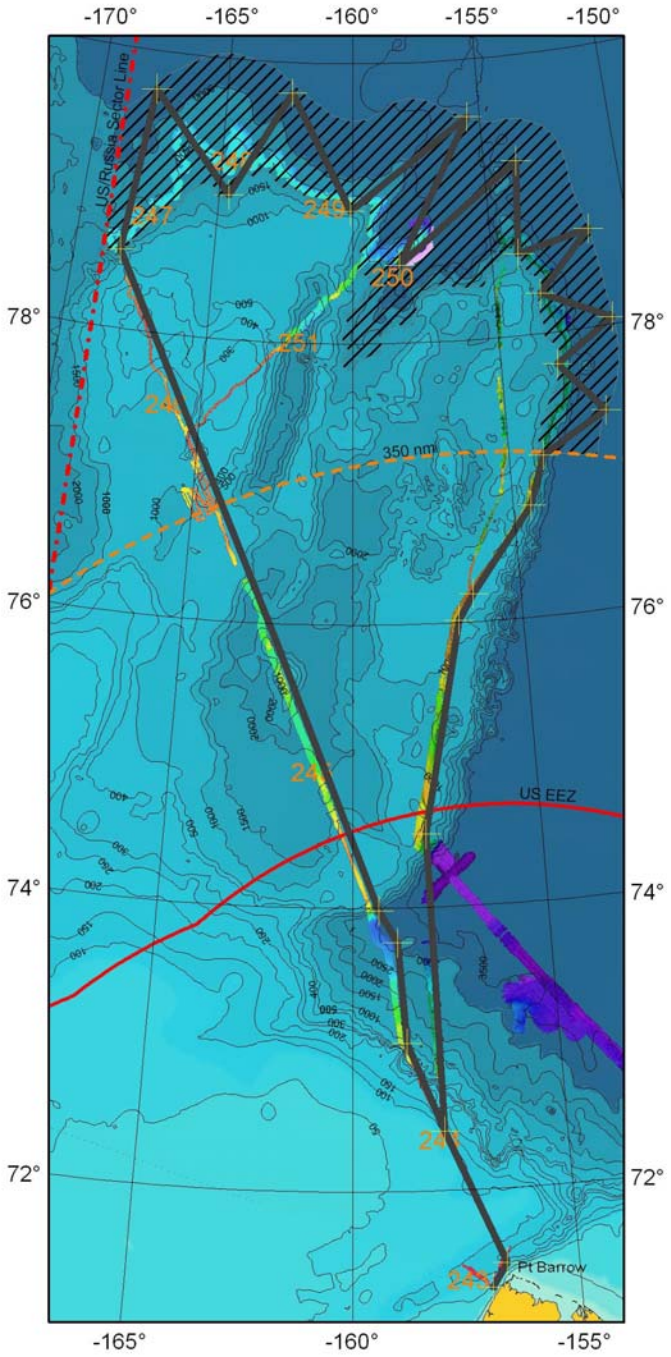


NOAA Seal tagging
HLY0701 & HLY0702

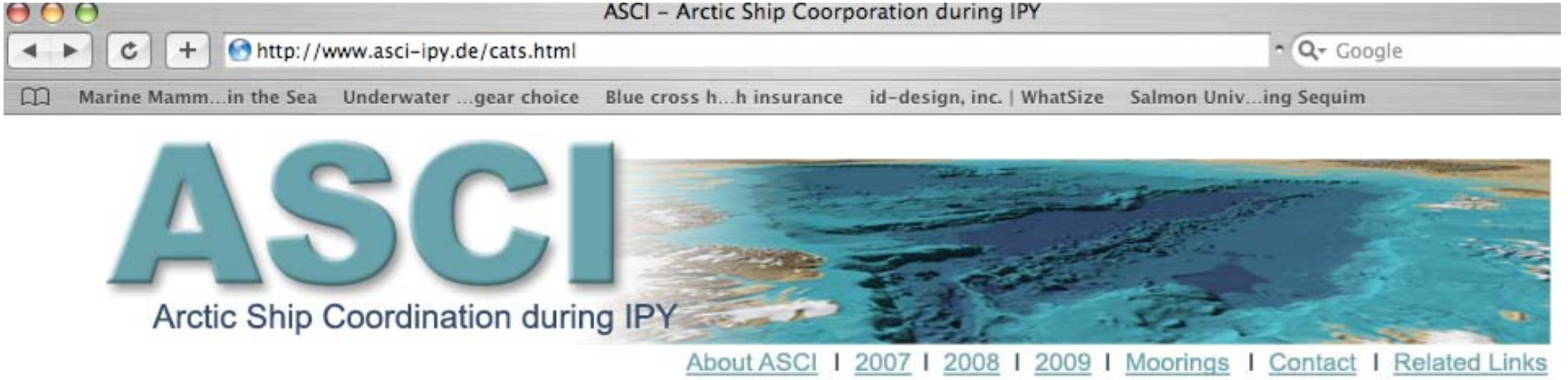
SLIPP HLY0702 May 16- Jun 14 Dutch-Dutch



HLY0703
Aug 16- Sep 14
Barrow-Barrow



Healy 2008



Canadian Archipelago Troughflow Study (CATS)

EoI-number	Lead Project EoI-14 iAOOS (http://www.ipy.org/development/eoi/proposal-details-print.php?id=14)
Name of cruise	CATS-IPY
Research vessel	Healy
Time	August - September 2008
Working area	Davis Strait, Baffin Bay and Canadian Archipelago passages
Status	Proposal submitted
Contact	K. Falkner, C. Lee, A Muenchow, R. Samelson Oregon State University, Corvallis, USA Tel: +1.541.737.3625; Email: kfalkner@coas.oregonstate.edu

CATS programme

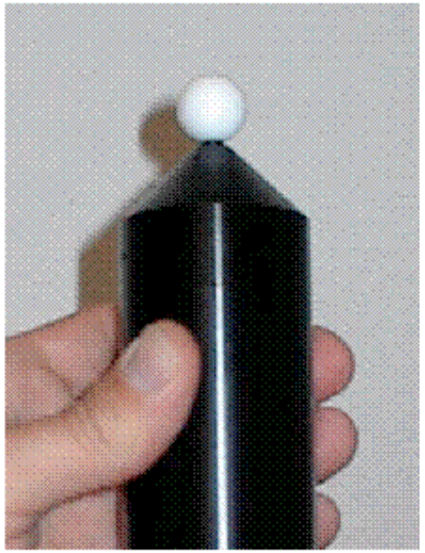
- Physical and tracer hydrography and mooring measurements and Meso-scale atmospheric observations and modeling

Equipment Purchases

Scalar

Up

Scalar Irradiance (E_o)



A scalar irradiance collector responds equally to light coming from all directions. The photograph shows a QSP-2200 which is equipped with a solid Teflon® sphere to collect irradiance over 3.8 pi steradians of solid angle. A variety of other approaches have been taken, including hollow diffusing glass spheres and paired 2π hemispheres. Part of the logic behind using the scalar collector is that the light-collecting geometries of many photosynthetic organisms are thought to be better represented by sphere-shaped collectors rather than flat plates.


Block
renewal

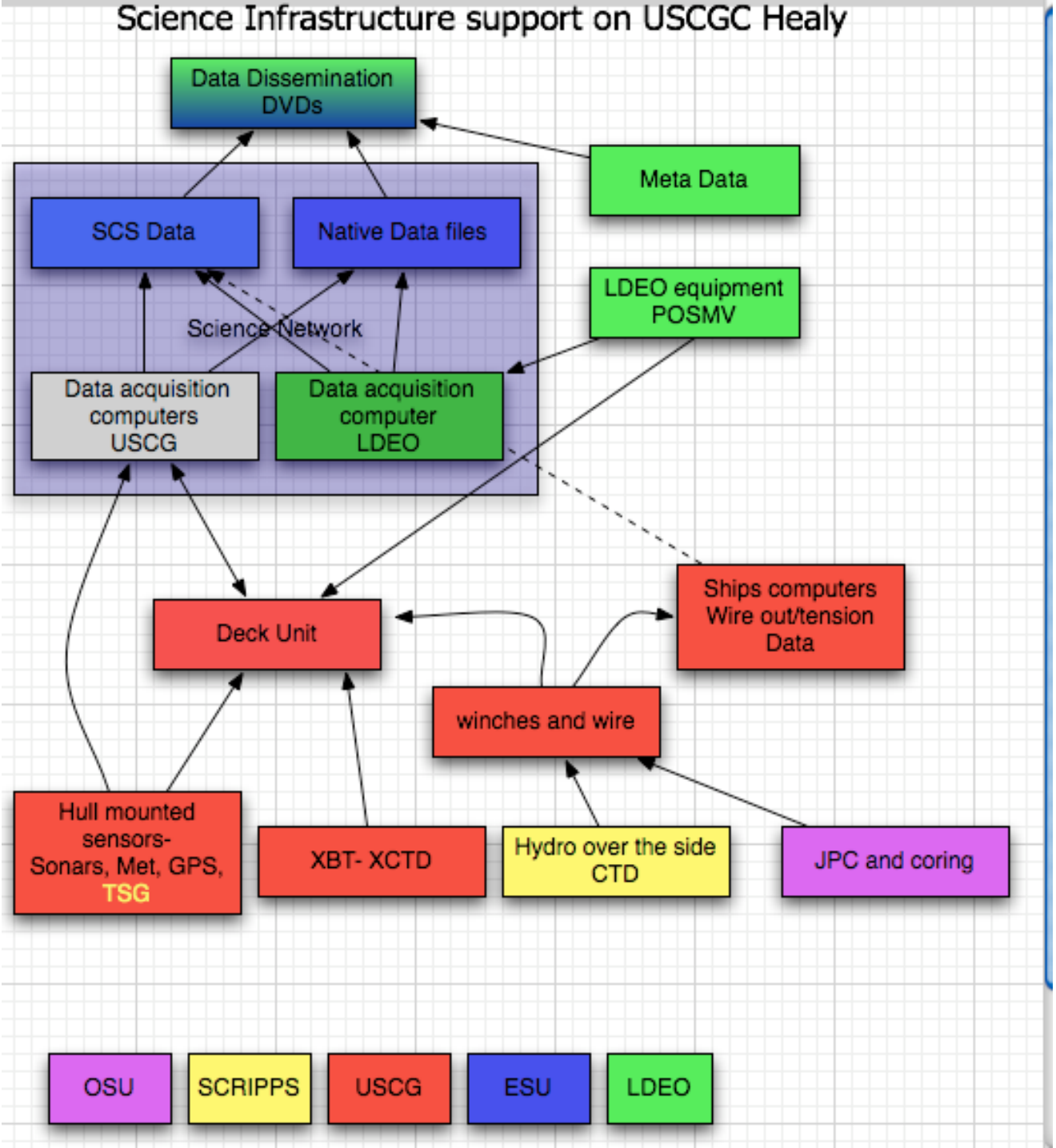
Sheave insert purchase

Icefloe.net webmaster support

2007 MST Turnover

MSTC- Mark Reig- 1 Healy science leg
MST1- Eric Rocklage- 3 Years experience, AWS07
MST1- Rob Olmstead- 4 years experience- 0702
MST1- Bartlett- Knorr WHOI Feb
MST2- Wright- Endevour URI (February)
MST2- Layman- 1 Healy science leg- Knorr WHOI Feb
MST3- Klinesteker- 3 years, 0702

Science Infrastructure support on USCGC Healy



USCG Infra-Structure Org Chart