

United States National Report

SOT – V

May 18 – 22, 2009



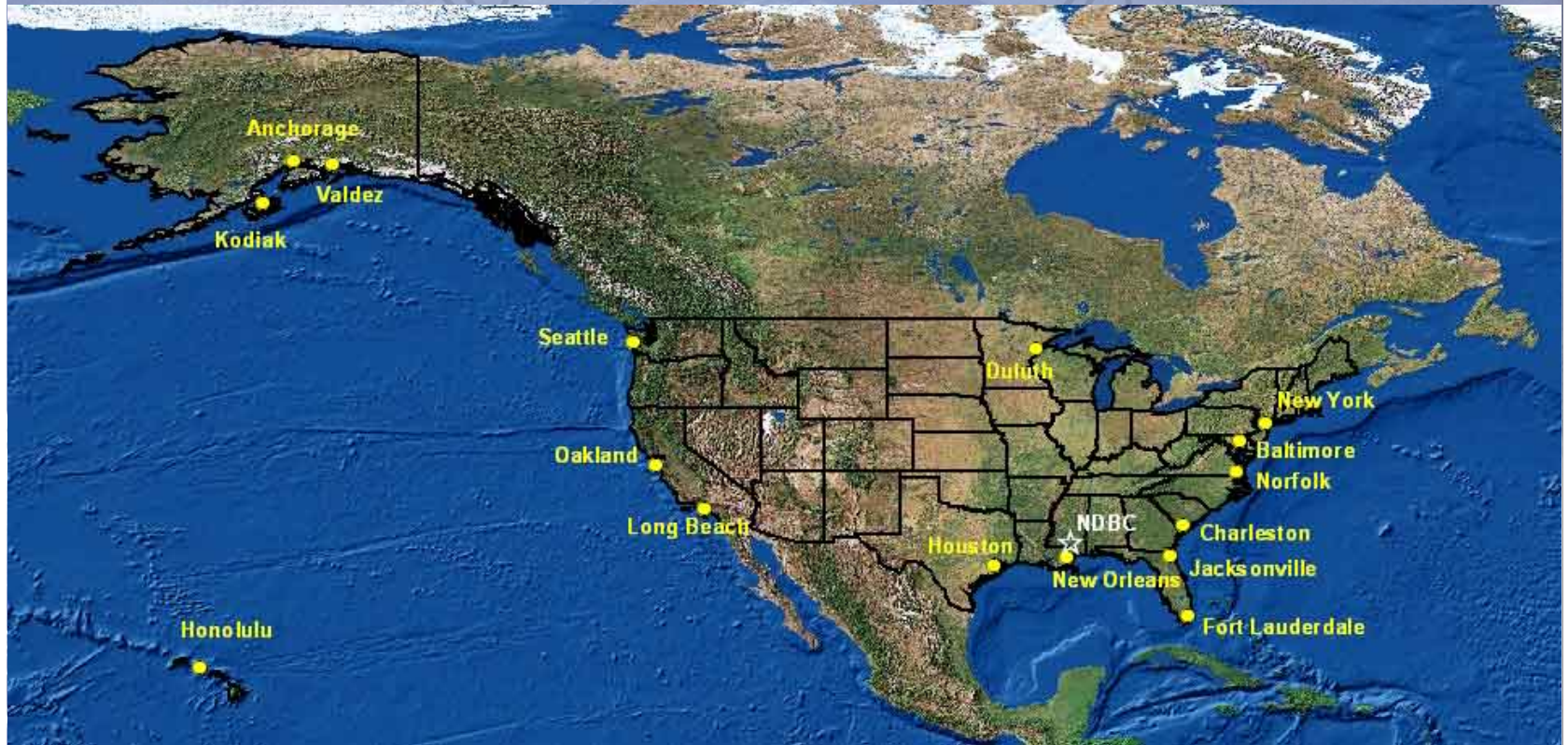
VOS

Robert Luke

National Weather Service
Stennis Space Center, Mississippi



United States PMO Distribution



LOSSES

Jack Warrellman
Peggy Alander
Bob Webster
Jim Saunders
Amy Seeley

Jacksonville, FL
Fort Lauderdale, FL
Long Beach, CA
Baltimore, MD
Chicago, IL

GAINS

Rob Niemeyer (Sep08)
Dave Dellinger (Nov08)
Brian Webster (Apr 09)
Vacant (Interview Phase)
Ron Williams (May09)

Duluth, MN



VOS

VOS Class	#
Selected	837
Supplementary	314
Auxiliary	125
TOTAL	1280

VOSCLim	SEAS	AWS
17		16 (T1)
0		5 (T2)
0		3 (T3)
17	344*	24

TARGET	1000+
---------------	--------------

50

2007 Changes	+ 205 - 1
Net Change	+204

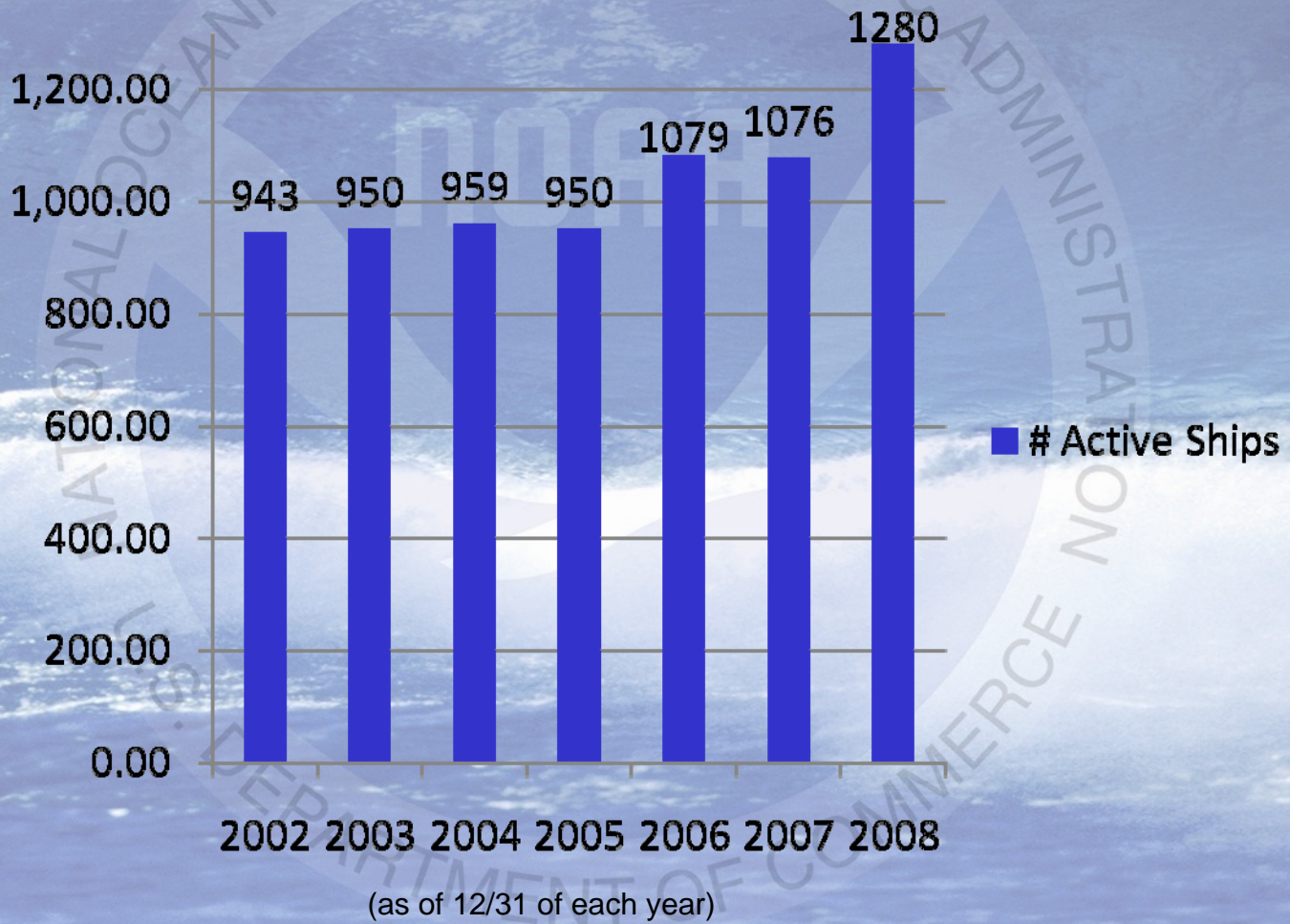
+ 3		+ 21
- 0		- 0
+3		+21**

* Previous DB did not store information, Now being collected for MyVOS

** Majority are NOAA ships with Beta system (SCS to SEAS or SCS to Email)

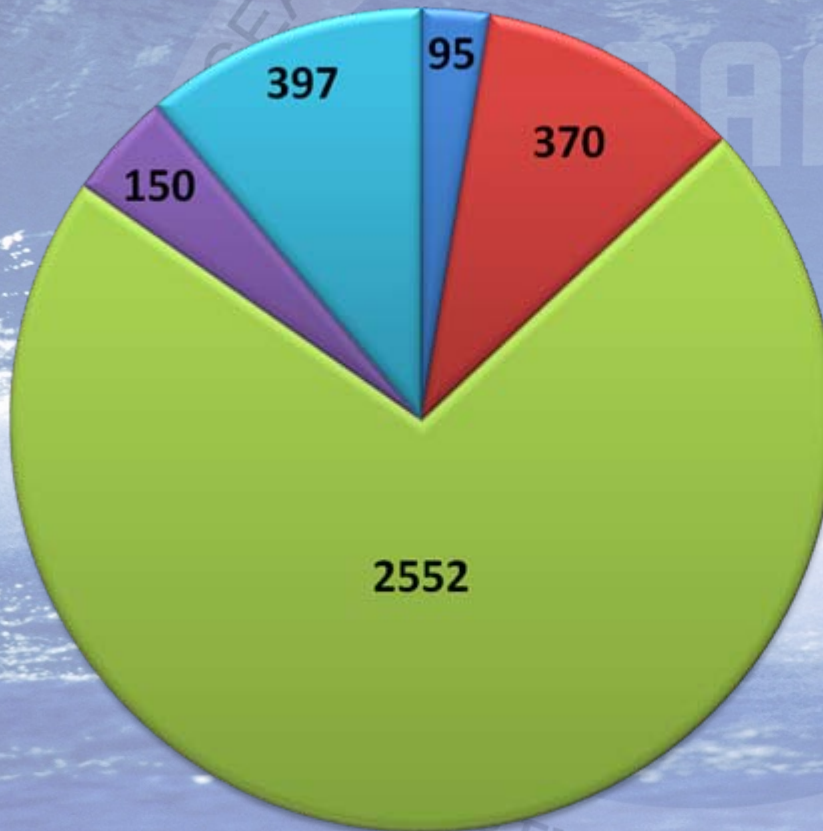


U.S. Active Ships



2008 U.S. VOS Visits

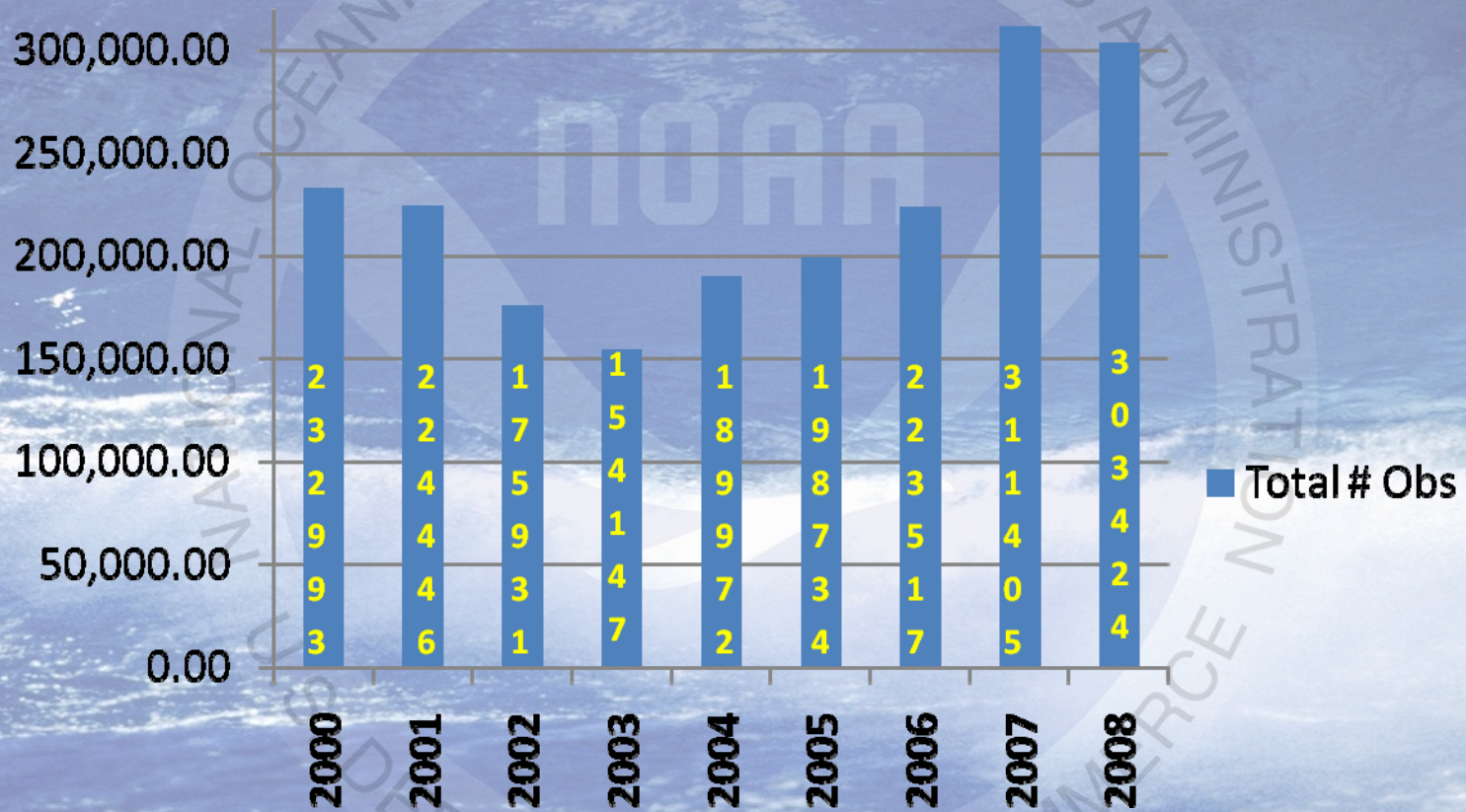
3,564 Total Visits



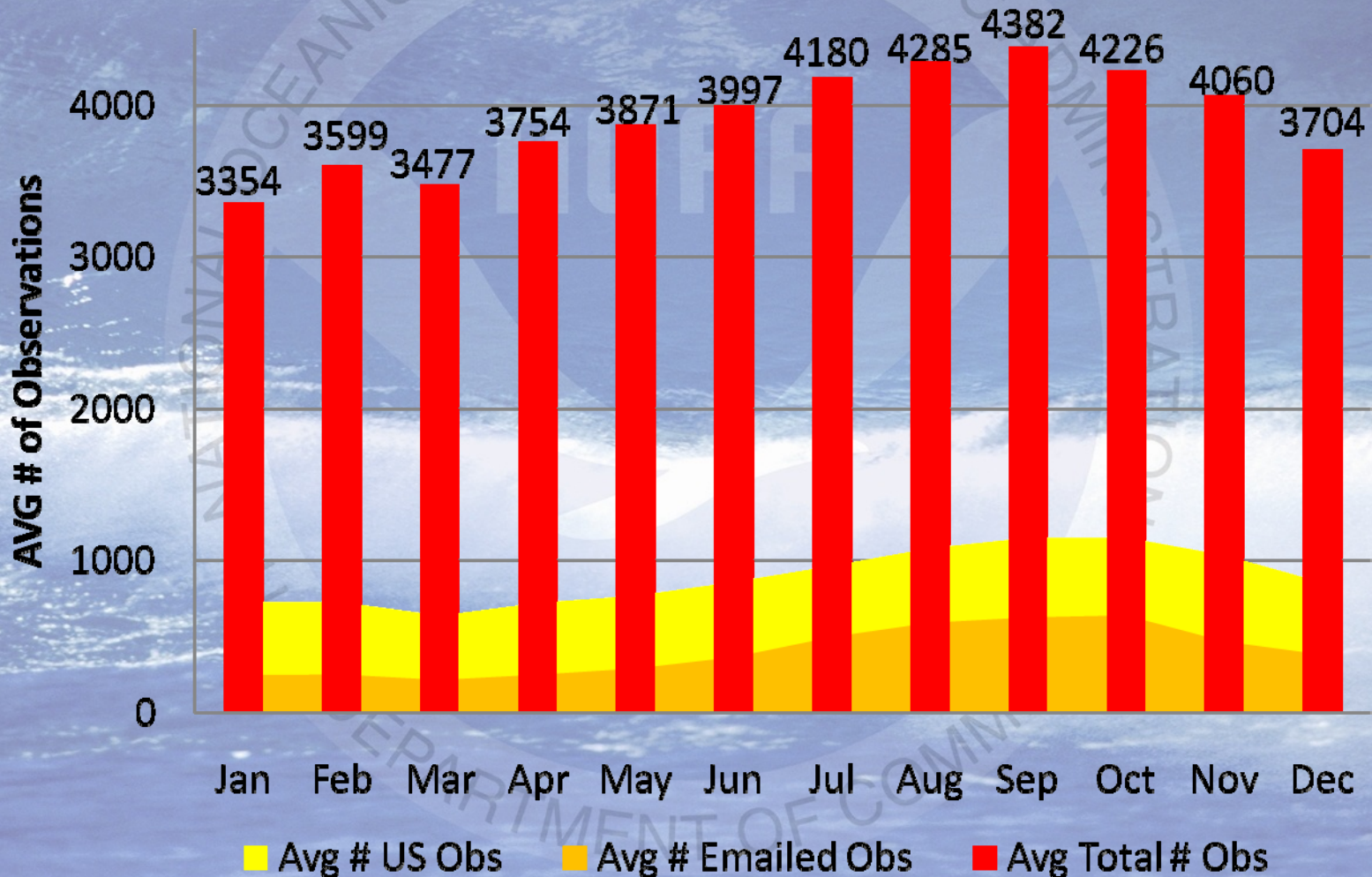
- Candidate (03%)
- Foreign VOS (10%)
- US VOS (72%)
- US Recruit (04%)
- Uninterested (11%)



U.S. Observations to the GTS by Year



2008 NWSTG Daily BBXX Observation Distribution



Mariners Weather Log (MWL)

<http://www.vos.noaa.gov/mwl.shtml>



Mariners Weather Log

Vol. 53 No. 1

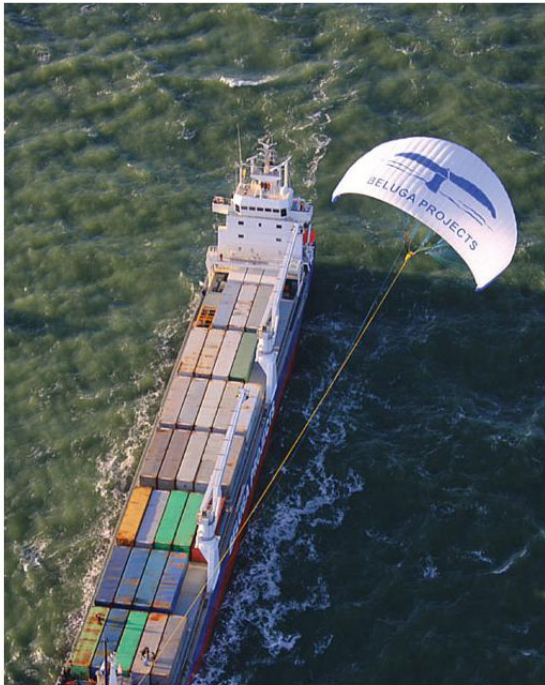
April 2009



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[Introduction](#)

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In this issue: Skysails, NOAA's Climate Database Modernization Program (CDMP): Sailing to the future with historical marine observation, New vessel speed regulations for U.S. East Coast Ports, Shipwreck Logos

Electronic Transformation and Preservation Initiative

- MWL first printed in 1957
- *MWL* documents the often tragic results of storminess at sea, providing a benchmark for further analysis and accompanying socio-economic impacts to the maritime community.
- Only recent issues available in electronic format NDBC (1998 to date) – initially basic pdf file, now HTML Webazine.
- Received a grant by the Climate Database Modernization Program (CDMP) of the National Climatic Data Center (NCDC) to convert archive copies to electronic form to provide greater availability of its historical contributions to maritime safety via the Internet.
- Estimated Completion date – Summer 2010



Meteograf

Digital barometer / barograph

- Recording Method..... Rectilinear, Maintenance-free
- Paper Capacity..... 1 Year
- Display (Secondary) 8-digit, 7 mm LCD (Liquid Crystal Display)
- Filter..... Mean value averaging (for compensation of high sea states)
- Storm Warning..... Aura land visual. Set point adjustable
- Memory** 960 Dates, (10 Days), Resolution 0.1 hPa
- PC-Interface** RS-232, Com1 or Com2
- Electricity Supply...1 Alkali Manganese 1.5 V battery (1 yr's * operation)
- Dimensions..... 146 / 120 / 36 mm, (5.75" x 4.75" x 1.4")
- Weight..... 500 g (inc. battery and paper.), (1.10 lb)
- Base Unit Price (Excl. VAT).....Sfr 980 / €653 / \$852 / £ 583
- Passed NOAA comparison tests with Paroscientific Standard

http://www.p-raeber.ch/home_e.htm



MyVOS

United States
Voluntary Observing Ship Program
PMO Data Management Version 1.0

Home News Organization Search NDBC Web Site Search

weather.gov

Login Page

Welcome to the PMO Data Management System Version 1.0. Use the form below to login to the application and start exploring what is available in this version.

If you do not have a user name and password, please contact the VOS administrator at vos@noaa.gov.

Please enter your user name and password to log in.

Authentication required

Username:
REQUIRED

Password:
REQUIRED

Login

Home
VOS Reports
PMO Data Management
Address Book
My Account
Links
Help
Feedback

- Migrated From ORACLE 10i to MyVOS on 01 December 2008.
- MySQL (version 5.0) relational based system.

<https://myvos.ndbc.noaa.gov/authentication/index.php>



MyVOS Search Capability

NOAA

United States
Voluntary Observing Ship Program
PMO Data Management Version 1.0

weather.gov

Home News Organization Search MDBC Web Site Search

PMO Data Management Search

Search for Ships

Welcome to the myVOS Ship Search page. Enter your search criteria in any of the fields below and submit. We welcome your feedback. Please email us at vos@noaa.gov.

Are you adding a new ship? Please click here [New Ship](#)

Ship Search criteria

Name:

Call Sign:

IMO Number:

PMO:

Flag:

Recruiting Country:

Ship Status:

Home
VOS Reports
PMO Data Management
Address Book
My Account
Links
Help
Feedback
Log out User1



MyVOS

[PMO Data Management Search](#) [Search Results](#) [Ship Overview](#)

Ship Overview

Welcome to the myVOS Ship Overview page. Here you can see an overview of what data is available for this ship. Click on the tabs to view more specific information about this ship. We welcome your feedback. Please email us at vos@noaa.gov.

[Overview](#) [Visits](#) [Identification](#) [Equipment](#) [Participation](#) [Communication](#) [Contacts](#) [Awards](#) [Remarks](#) [Observations](#)

Ship Information

Ship Name:	HORIZON CHALLENGER	Call Sign:	WZJC
IMO Number:	6812211	Flag (Reg Country):	UNITED STATES
Ship Status:	Active in U.S. VOS program	Recruiting Country:	UNITED STATES
PMO:	Houston	Vessel Type:	Container ship, including open and closed container ships and refrigerated container ships
Meteorological Reporting Ship Type:	Selected Ship	Type of Ownership:	Commercial
Date of Last Observation:	2009-05-11	Date of Last Visit:	2009-02-19
Type of Last Visit:	E-mail Support	Participation Status:	Participant in U.S. VOS program
Last Date of Change to Any Metadata Value:	2008-07-30	Last Updated By:	Chris Fakes



MyVOS

Primary Hygrometer

Make and Model:

Owner:

Type:

Serial Number:

Location:

Height above max summer load line (meters):

Exposure:

Units:

Date Calibrated:
(YYYY-MM-DD)

Date Installed:
(YYYY-MM-DD)

Date Removed:
(YYYY-MM-DD)

- Select...
- Aspirated (Assmann type)
- Screen (not ventilated or natural ventilation)
- Ship's sling
- Sling
- Ship's screen (property of the ship)
- Unscreened
- Screen(ventilated or assisted ventilation)
- Whirling psychrometer



MyVOS Reports

Ship Count Report - Sorted by Ship Name

For questions concerning this report contact the VOS Technical Leader.

Ship Name	Call	Port	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A. P. MOLLER	OVYQ2	Seattle	0	0	0	0	0	0	0	0	39	69	43	0	151
ADAM E. CORNELIUS	WCY9870	Chicago	4	0	0	0	0	0	0	0	0	25	8	0	37
ADVANTAGE	WPP0	Norfolk	63	32	48	58	58	12	28	35	33	52	38	0	457
ADVENTURE OF THE SEAS	C6SA3	Miami	29	6	6	0	7	12	12	9	4	10	16	0	111
ADVENTURER	WBN3015	Kodiak	0	0	0	1	0	0	0	0	0	0	0	0	1
AL DAAYEN	C6VF7	Anchorage	0	0	0	0	0	72	2	14	1	0	0	0	89
AL MARROUNA	C6VF5	Anchorage	0	0	0	0	0	0	102	105	94	81	96	0	478
ALASKA MARINER	WSM5364	Kodiak	5	14	1	0	0	19	101	84	90	65	8	0	387
ALASKAN EXPLORER	WDB9918	Valdez	45	20	38	7	20	8	25	11	31	48	63	0	316
ALASKAN FRONTIER	WDB7815	Valdez	72	27	59	81	50	18	67	76	76	73	49	0	648
ALASKAN LEADER	WDB7918	Kodiak	12	2	0	0	0	0	0	28	0	0	0	0	42
ALASKAN LEGEND	WDD2074	Valdez	170	80	32	24	27	23	82	121	54	18	0	0	631
ALASKAN NAVIGATOR	WDC6644	Valdez	63	64	28	28	22	54	68	23	9	32	36	0	427
ALBEMARLE ISLAND	C6LU3	Miami	23	24	29	32	46	13	38	38	34	36	48	0	361
ALERT	WC27335	Valdez	11	15	0	0	2	0	4	0	1	17	0	0	50
ALLIANCE NEW YORK	KDUE	Jacksonville	6	3	6	0	0	0	2	0	36	0	0	0	53
ALLIANCE NORFOLK	WGAH	Houston	0	0	0	0	0	0	0	0	24	28	19	0	71
ALLIANCE ST LOUIS	WGAE	Charleston	0	0	0	0	1	0	0	0	0	0	0	0	1
ALPENA	WAV4647	Chicago	0	0	9	8	4	19	5	5	9	0	4	0	63
ALPHA HELIX	WSD7078	Kodiak	0	0	0	0	0	0	0	15	1	0	0	0	16
ALTAIR VOYAGER	C6OK	Baltimore	48	54	24	11	15	0	0	0	0	0	0	0	152
AMERICAN CENTURY	WDD2876	Chicago	0	0	1	8	0	0	0	2	5	0	0	0	16
AMERICAN INTEGRITY	WDD2875	Chicago	10	1	0	52	99	94	60	83	79	61	41	0	580
AMERICAN MARINER	WQ27791	Chicago	4	0	1	10	4	24	17	9	26	22	28	0	145
AMERICAN SPIRIT	WCX2417	Chicago	2	0	0	6	8	16	6	3	16	2	0	0	59
AMSTERDAM	PBAD	Anchorage	60	17	5	26	34	13	16	49	57	95	55	0	427
ANDROMEDA VOYAGER	C6F26	Anchorage	10	1	0	0	0	0	0	0	0	0	0	0	11
ANNA HAERSK	OXBA2	Seattle	0	0	0	0	3	0	0	2	0	2	3	0	10
ANNETTE ISLAND RESEARCH	KGD58	Anchorage	1	0	0	0	1	0	0	0	0	0	0	0	2
ANTARES VOYAGER	C6P23	Anchorage	102	37	24	10	0	0	0	0	0	0	0	0	173
ANTONIS I. ANGELICOUSSIS	C6FP5	Anchorage	12	0	1	24	19	0	7	0	0	4	5	0	72
ANTWERPEN	VRBK6	Anchorage	20	16	35	42	40	13	61	37	63	63	62	0	452
APL ALEXANDRITE	9VBA	Charleston	44	5	92	30	44	22	0	0	0	0	8	0	245



MyVOS

NATIONAL WEATHER SERVICE VOLUNTARY OBSERVING SHIP PROGRAM

Unknown Ships Reporting Observations

Period 27-Aug-2008 to 25-Nov-2008

2008-Nov-25

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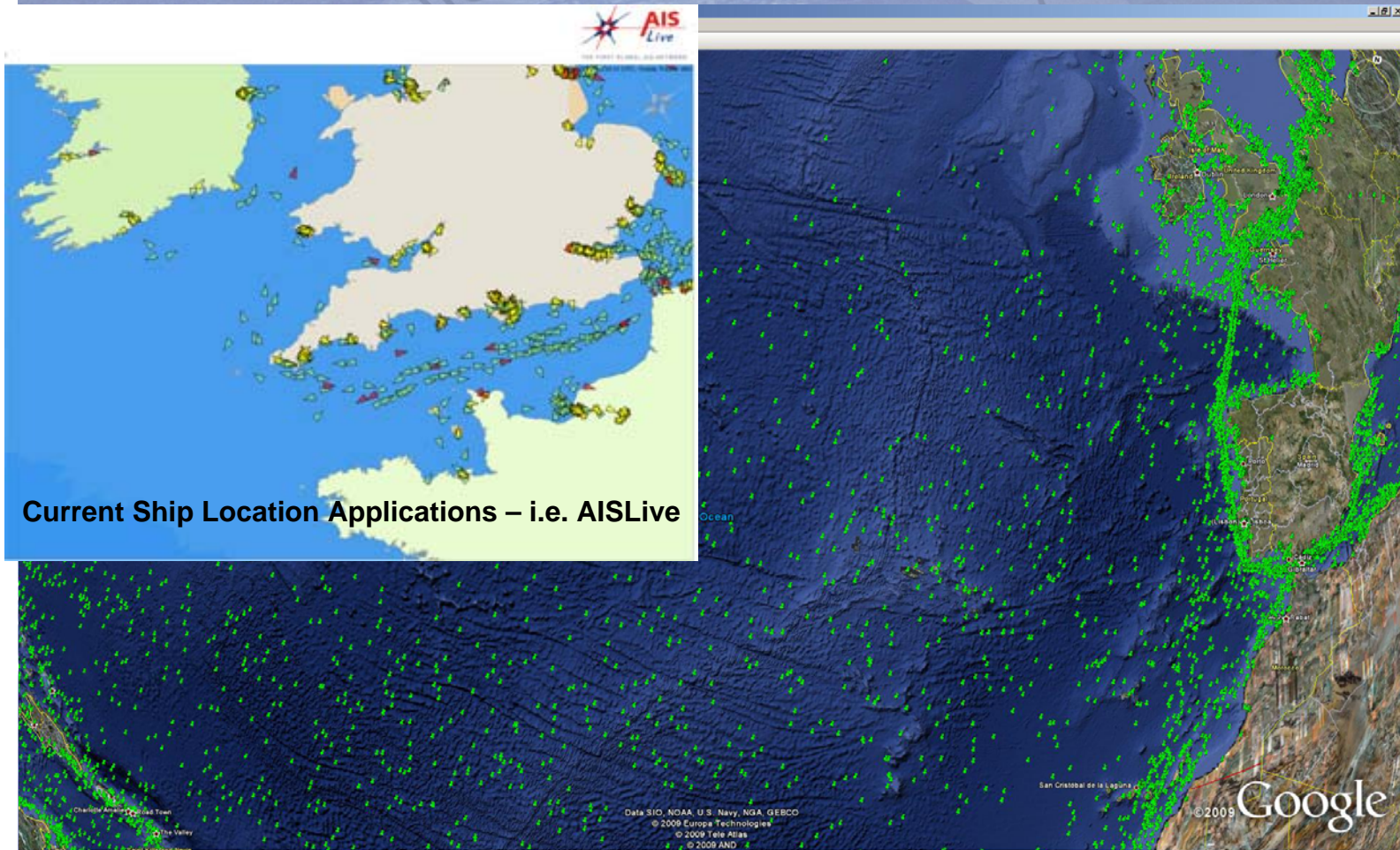
Call Sign = All

Status = Not Active, Not Foreign

Call Sign	Status	Past 90 days Observations	Latest Observation
7369		33	2008-11-13 00:00:00
7839		31	2008-11-11 18:00:00
7854		19	2008-11-14 12:00:00
7JCK		48	2008-11-14 00:00:00
9070967		1	2008-10-17 06:00:00
9169419		1	2008-10-26 16:00:00
9221827		1	2008-10-16 12:00:00
9HWD8		1	2008-10-14 21:00:00
9MBX5	I	13	2008-11-09 06:00:00
9MCD3	N	7	2008-11-03 00:00:00
9MCR4	N	51	2008-11-10 12:00:00
9MCX5		1	2008-10-16 00:00:00
9MCY3	N	1	2008-10-19 06:00:00
9MEL7		2	2008-10-31 00:00:00
9MEZ2	N	7	2008-11-08 06:00:00
9MFJ6		1	2008-10-13 06:00:00
9MGF7	N	45	2008-11-14 00:00:00
9MGJ9	N	1	2008-11-14 12:00:00
9MJG9		1	2008-11-14 00:00:00
9V7548		22	2008-11-14 15:00:00
9VVD2		1	2008-11-12 12:00:00
9VVN8		24	2008-11-09 00:00:00
9VVU	N	6	2008-11-14 18:00:00



MyVOS- Current Ship Location Application

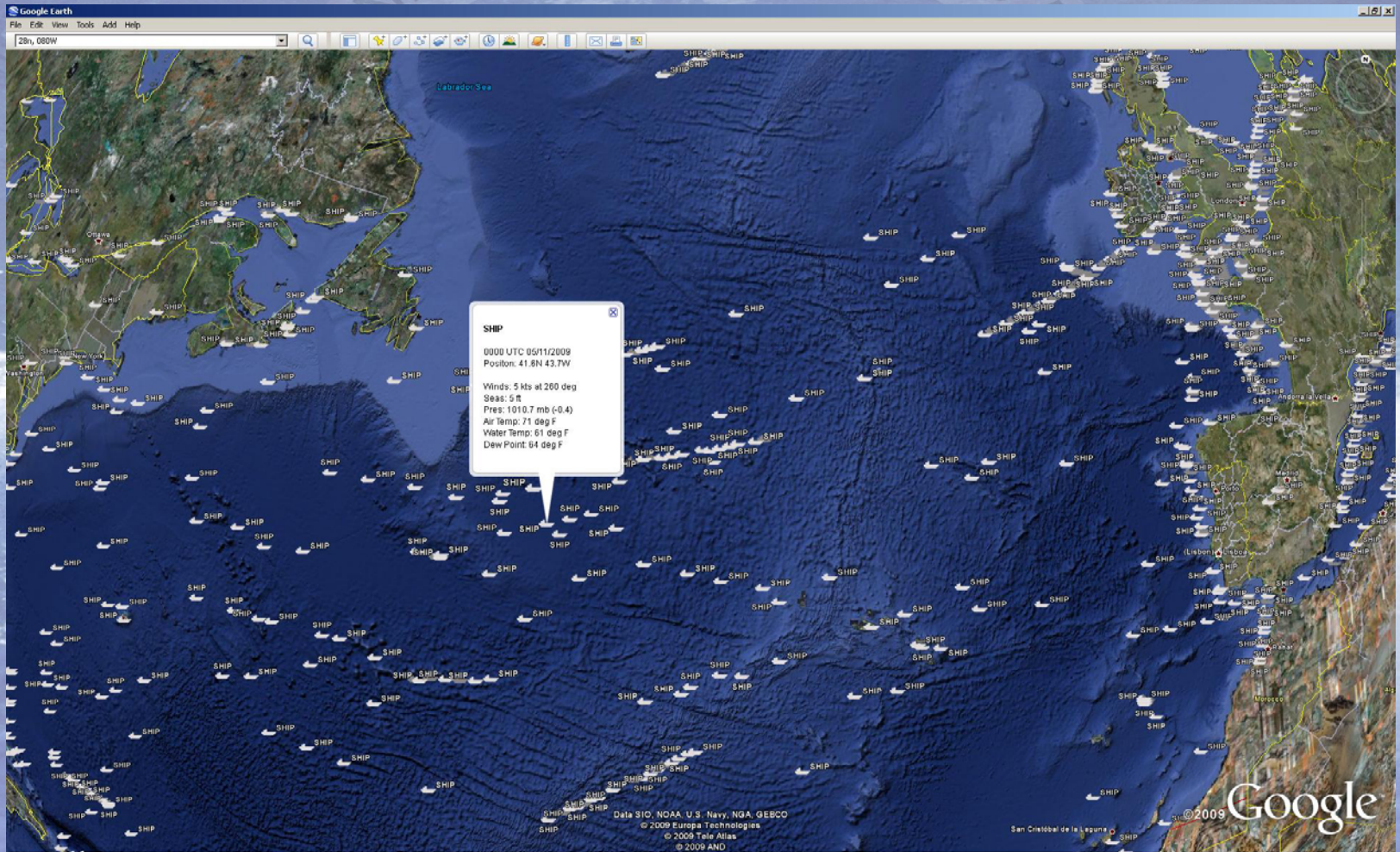


Current Ship Location Applications – i.e. AISLive

Lloyd's Register Fairplay Combined AIS Service



MyVOS Future Upgrades

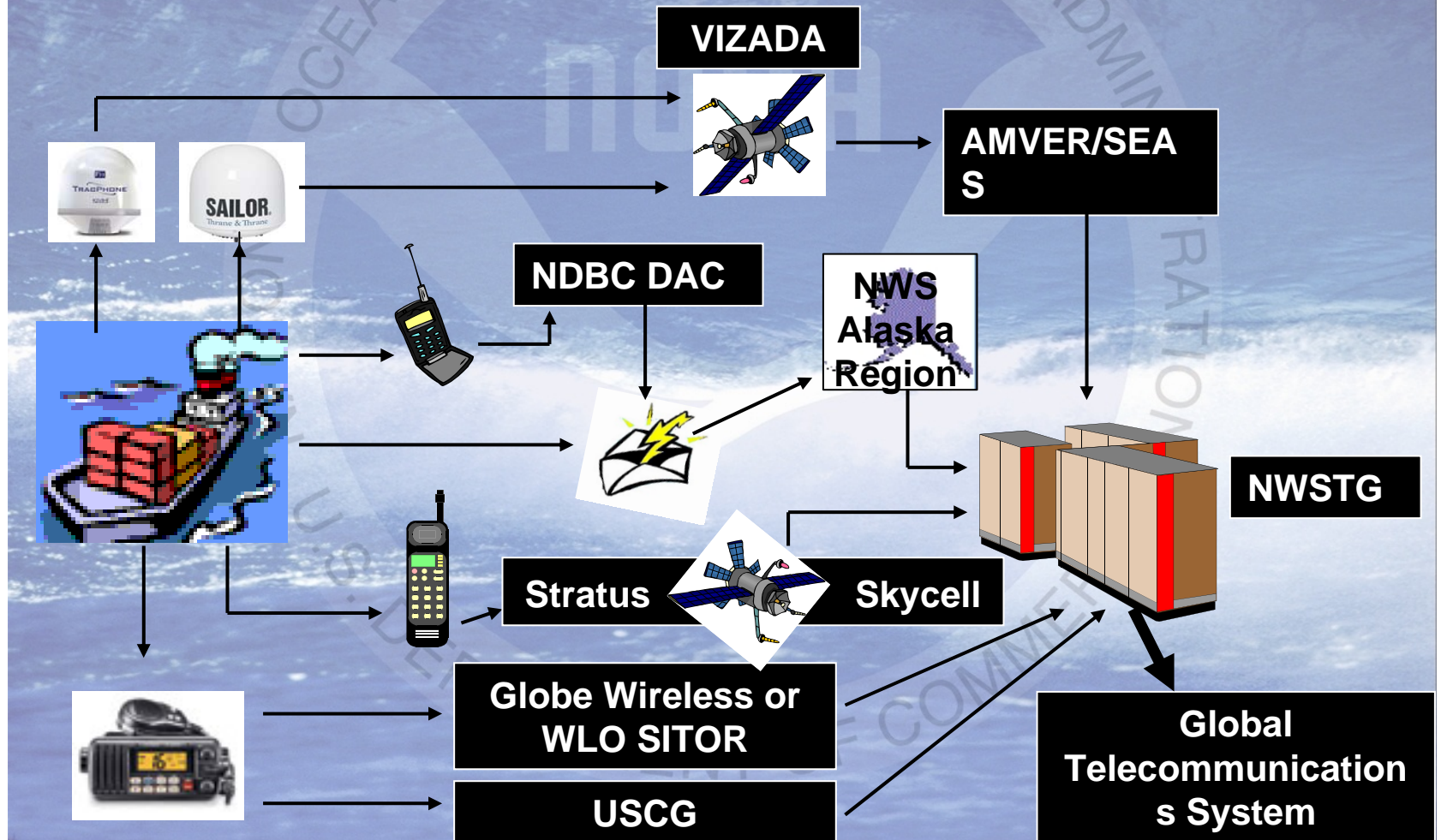


Automatic Weather Stations

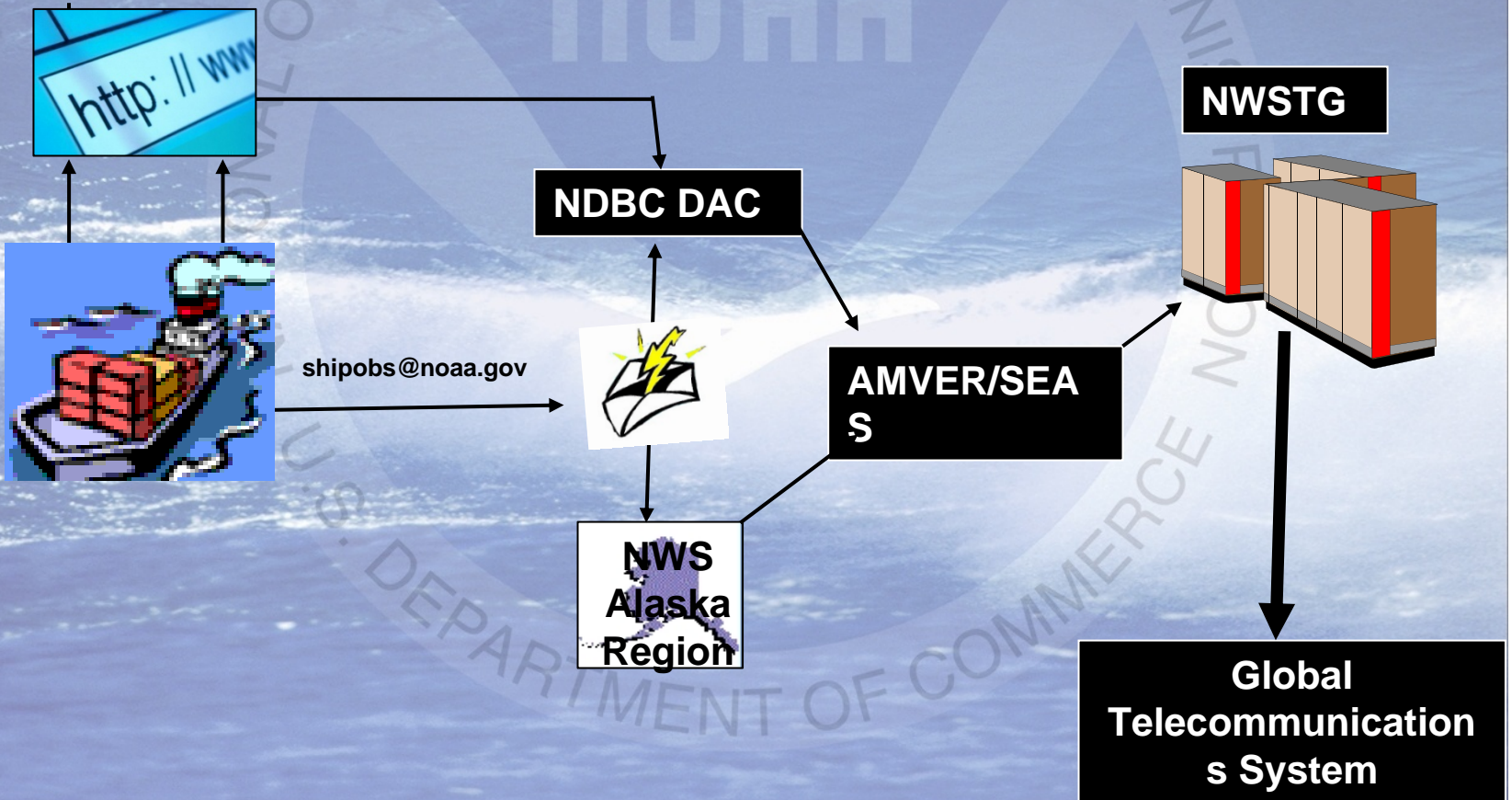
- Test Project to integrate the existing Science Computer System (SCS) onboard NOAA vessels.
- SCS is a high-powered computer system that collects, processes, displays and archives data from the navigational and scientific sensors on NOAA ships.
- Two (2) communication paths being tested
 - Direct to NWS Server (via email like current Met Obs)
 - AutoIMET (Woods Hole -WHOI) to process through SEAS Electronic Logbook for augmentation capability.
- Expanded test to include a SAMOS vessel (WECOMA)
- Next step is to gain approval of NOAA's Office of Marine and Aviation Operations (NMAO) for complete implementation into NOAA Fleet



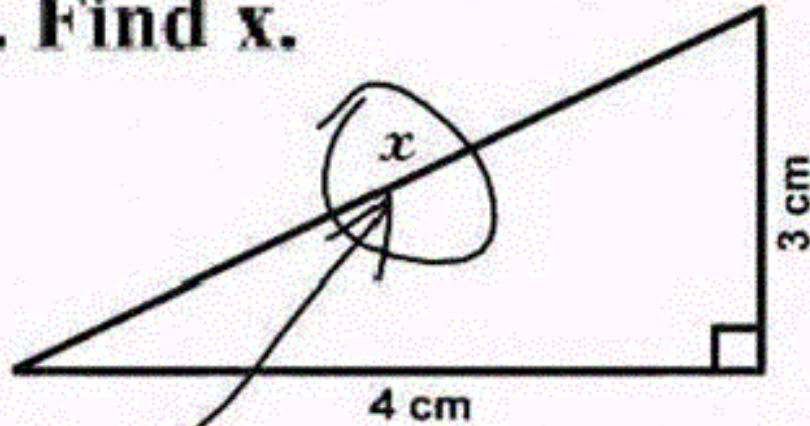
U.S. VOS Communications Paths



Future Communication Efforts



3. Find x .



Here it is

SIMPLICITY

The simplest solutions are often the cleverest
They are also usually wrong