



National Snow and Ice Data Center
Supporting Cryospheric Research Since 1976



SCICEX Effort at NSIDC – An Update

Florence Fetterer
fetterer@nsidc.org

Ann Windnagel
ann.windnagel@nsidc.org

SCICEX SAC Meeting
Feb. 14 & 15, 2013
Arlington, VA



Outline

- Updates to website
- Web site traffic this year
- Historical data location update
- What we need from you



SCICEX Website Updates

- Redesigned Data Inventory Page
nsidc.org/scicex/data_inventory.html
- Scicex.org now points to nsidc.org/scicex
- Created a past SAC members page

The screenshot displays the SCICEX website interface. At the top, there is a navigation bar with links for HOME, DATA, PROGRAMS, RESEARCH, NEWS, ABOUT THE CRYOSPHERE, and ABOUT US. A search bar is located in the top right corner. Below the navigation bar is the SCICEX logo and the text "Submarine Arctic Science Program". The main content area is titled "SCICEX Data Inventory and Locations". On the left side, there is a sidebar menu with links for Overview, Data Inventory, History/Background, Science Advisory Committee, Inter-Agency Committee, Publications, Contact Us, and Photo Gallery. The main content area features a table with columns for "Conductivity, Temperature, and Depth (CTD) Data", "Expendable Conductivity, Temperature, and Depth (XCTD) Data", "Nutrient Bottle Data", "Sea Ice Draft Data", "Bathymetry from SDRS", and "Bathymetry from SCAMP". The table is titled "Conductivity, Temperature, and Depth (CTD) Data" and lists various SCICEX cruises with their locations and statuses.

SCICEX Cruise (Year & Submarine)	Location/Status
2011 USS Connecticut and USS New Hampshire (SAM)	These data are currently being processed and evaluated for releasability.
2005 USS Salt Lake City (SAM)	Unknown.
2003 USS Honolulu (SAM)	Unknown.
2001 USS Scranton (SAM)	Unknown.
2000 USS L. Mendel Rivers (SAM)	Unknown.
1999 USS Hawkbill	Sail Mount CTD, 1999 at IMS IMS SCICEX-99 Page :: Data
1998 USS Hawkbill	SCICEX Hydrographic Data, 1997 and 1998 at NCAR EOL Description :: Data
1997 USS Archerfish	SCICEX Hydrographic Data, 1997 and 1998 at NCAR EOL Description :: Data
1996 USS Pogy	Unknown.
1995 USS Cavalla	Surface Seabird CTD, 1995 at LDEO LDEO SCICEX Page :: Data
1993 USS Pargo	Two sources: SCICEX Hydrographic Data, 1993 at NCAR EOL Description :: Data Temperature and salinity measurements, 1993 at NODC Description :: Data

Who's Looking at the Site

- SCICEX views in 2012
 - ~2700 total (up from ~1200 in 2011)
 - ~2000 unique (up from ~830 in 2011)



Google analytics page views for 2012



Google analytics page views for 2011

Historical Data Location Update

- XCTD for 2000 and 2003 SAMs is now available to public from SCICEX data inventory page.
- Still need T. Whitley's nutrient bottle data for 1998, 1999, 2000, and 2001.
- Does nutrient bottle data exist for 2003 and 2005?
- Downloaded all data from LDEO SCICEX site.

Data Inventory Table

Cruise (Year and Submarine)	CTD Data	XCTD Data	Nutrient Bottle Data	ULS Data	Bathymetry from SDRS	Raw Bathymetry from SCAMP
1993 USS Pargo	Two sources: • SCICEX Hydrographic Data, 1993 at NCAR EOL Description :: Data • Temperature and salinity measurements, 1993 at NODC Description :: Data	Temperature, salinity, topsounder, and bottom sounding data from onboard sonar and XCTD casts, 1993, 1995, 1996, 1997, 1998, 1999, and 2001 at NODC Description :: Data	Two sources: • Temperature, salinity, and nutrient measurements, 1993 at NODC Description :: Data • SCICEX Dissolved Barium Data, 1993-1997 at NCAR EOL Description :: Data	SCICEX ULS data are part of <i>Submarine Upward Looking Sonar Ice Draft Profile Data and Statistics</i> data set at NSIDC Description :: Data	These data will be available from NGDC in the near future. To obtain the data now, contact NSIDC SCICEX project manager, Ann Windnagel . Additionally, the International Bathymetric Chart of the Arctic Ocean (IBCAO) used these data to create a digital data base that contains all available bathymetric data north of 64° N.	N/A. The SCAMP instrument was not aboard this submarine.
1995 USS Cavalla	Surface Seabird CTD, 1995 at LDEO LDEO SCICEX Page :: Data	Two Sources: • Temperature, salinity, topsounder, and bottom sounding data from onboard sonar and XCTD casts, 1993, 1995, 1996, 1997, 1998, 1999, and 2001 at NODC Description :: Data • XCTD casts, 1995 at LDEO LDEO SCICEX Page :: Data	SCICEX Dissolved Barium Data, 1993-1997 at NCAR EOL Description :: Data	Not available. Navigation recorder had a malfunction, so data are unusable.	These data will be available from NGDC in the near future. To obtain the data now, contact NSIDC SCICEX project manager, Ann Windnagel . Additionally, the International Bathymetric Chart of the Arctic Ocean (IBCAO) used these data to create a digital data base that contains all available bathymetric data north of 64° N.	N/A. The SCAMP instrument was not aboard this submarine.
1996 USS Pogy	CTD	Temperature, salinity, topsounder, and bottom sounding data from onboard sonar and XCTD casts, 1993, 1995, 1996, 1997, 1998, 1999, and 2001 at NODC Description :: Data	Two sources: • Nutrient data and bottle salinities, 1996 at LDEO LDEO SCICEX Page :: Nutrient Data :: Bottle Salinity Data • SCICEX Dissolved Barium Data, 1993-1997 at NCAR EOL Description :: Data	SCICEX ULS data are part of <i>Submarine Upward Looking Sonar Ice Draft Profile Data and Statistics</i> data set at NSIDC Description :: Data	These data will be available from NGDC in the near future. To obtain the data now, contact NSIDC SCICEX project manager, Ann Windnagel . Additionally, the International Bathymetric Chart of the Arctic Ocean (IBCAO) used these data to create a digital data base that contains all available bathymetric data north of 64° N.	N/A. The SCAMP instrument was not aboard this submarine.
1997 USS Archerfish	SCICEX Hydrographic Data, 1997 and 1998 at NCAR EOL Description :: Data	Temperature, salinity, topsounder, and bottom sounding data from onboard sonar and XCTD casts, 1993, 1995, 1996, 1997, 1998, 1999, and 2001 at NODC Description :: Data	SCICEX Dissolved Barium Data, 1993-1997 at NCAR EOL Description :: Data	SCICEX ULS data are part of <i>Submarine Upward Looking Sonar Ice Draft Profile Data and Statistics</i> data set at NSIDC Description :: Data	These data will be available from NGDC in the near future. To obtain the data now, contact NSIDC SCICEX project manager, Ann Windnagel . Additionally, the International Bathymetric Chart of the Arctic Ocean (IBCAO) used these data to create a digital data base that contains all available bathymetric data north of 64° N.	N/A. The SCAMP instrument was not aboard this submarine.
1998 USS Hawkbill	SCICEX Hydrographic Data, 1997 and 1998 at NCAR EOL Description :: Data	Temperature, salinity, topsounder, and bottom sounding data from onboard sonar and XCTD casts, 1993, 1995, 1996, 1997, 1998, 1999, and 2001 at NODC Description :: Data		SCICEX ULS data are part of <i>Submarine Upward Looking Sonar Ice Draft Profile Data and Statistics</i> data set at NSIDC Description :: Data	These data will be available from NGDC in the near future. To obtain the data now, contact NSIDC SCICEX project manager, Ann Windnagel . Additionally, the International Bathymetric Chart of the Arctic Ocean (IBCAO) used these data to create a digital data base that contains all available bathymetric data north of 64° N.	These data will be available from NGDC in the near future. SCAMP
1999 USS Hawkbill	Sail Mount CTD, 1999 at IMS IMS SCICEX-99 Page :: Data	Two Sources: • Temperature, salinity, topsounder, and bottom sounding data from onboard sonar and XCTD casts, 1993, 1995, 1996, 1997, 1998, 1999, and 2001 at NODC Description :: Data • XCTD data, 1999 at IMS IMS SCICEX-99 Page :: Data	Bottle Data	SCICEX ULS data are part of <i>Submarine Upward Looking Sonar Ice Draft Profile Data and Statistics</i> data set at NSIDC Description :: Data	These data will be available from NGDC in the near future. To obtain the data now, contact NSIDC SCICEX project manager, Ann Windnagel . Additionally, the International Bathymetric Chart of the Arctic Ocean (IBCAO) used these data to create a digital data base that contains all available bathymetric data north of 64° N.	These data will be available from NGDC in the near future.
2000 USS L Mendel Rivers (SAM)		XCTD casts for 2000 archived at NSIDC. Description :: Data		SCICEX ULS data are part of <i>Submarine Upward Looking Sonar Ice Draft Profile Data and Statistics</i> data set at NSIDC Description :: Data		N/A. The SCAMP instrument was not aboard this submarine.
2001 USS Scranton (SAM)	CTD	Temperature, salinity, topsounder, and bottom sounding data from onboard sonar and XCTD casts, 1993, 1995, 1996, 1997, 1998, 1999, and 2001 at NODC Description :: Data		Data unusable	SDRS Bathymetry	N/A. The SCAMP instrument was not aboard this submarine.
2003 USS Honolulu (SAM)		XCTD casts for 2000 archived at NSIDC. Description :: Data	Bottle Data	Data unusable		N/A. The SCAMP instrument was not aboard this submarine.
2005 USS Salt Lake City (SAM)		Data unusable		SCICEX ULS data are part of <i>Submarine Upward Looking Sonar Ice Draft Profile Data and Statistics</i> data set at NSIDC Description :: Data		N/A. The SCAMP instrument was not aboard this submarine.

What We Need from You

- 2011 SAM data. What is the likelihood of getting it?
- Should I remove the SCAMP column from data inventory?
- Navigation data
- Redirect LDEO SCICEX site once all data has been made available from NSIDC.



Thank You!

Florence Fetterer
fetterer@nsidc.org

Ann Windnagel
ann.windnagel@nsidc.org

