STEPHEN R. GEGG
Information Systems Associate II

Biological and Chemical Oceanography Data Management Office
Department of Marine Chemistry and Geochemistry
Woods Hole Oceanographic Institution
Woods Hole, MA 02543
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BORN
October 24, 1950

EDUCATION
B.A., Earth Sciences, Dartmouth College, Hanover, New Hampshire, 1972
Graduated With Distinction In The Major Subject

PROFESSIONAL INTERESTS
Scientific Data Collection, Processing and Display
Data Access, Organization, Conservation and Archiving

EXPERIENCE
May/2008 - Present: BCO-DMO Data Management/Information Systems Associate
Biological and Chemical Oceanography Data Management Office
Department of Marine Chemistry and Geochemistry
Woods Hole Oceanographic Institution

1997 - May/2008: Data Collection & Processing/Information Systems Associate
Deep Submergence Laboratory
Applied Ocean Physics and Engineering Department
Woods Hole Oceanographic Institution

1994 - 1997: Data Librarian/Information Systems Associate
Data Library and Archives
Woods Hole Oceanographic Institution

1985 - 1994: Data Processor/Research Assistant with Dr. Robert Ballard
Deep Submergence Laboratory
Applied Ocean Physics and Engineering Department
Woods Hole Oceanographic Institution

1981 - 1984: Data Processor/Research Assistant with Dr. David Aubrey
Coastal Research Group
Department of Geology and Geophysics
Woods Hole Oceanographic Institution

1977 - 1980: Data Processor/Research Assistant with Dr. Robert Ballard
ANGUS Imaging Group
Department of Geology and Geophysics
Woods Hole Oceanographic Institution

1973 - 1977: Data Processor/Research Assistant
Digital Data Library
Department of Geology and Geophysics
Woods Hole Oceanographic Institution

Participation in a large number of oceanographic expeditions as the data collection/processing specialist - Navigation, geophysical data and ocean bottom imaging utilizing optical and sonar tools.

Extensive experience with towed vehicle systems and ROV's.
Processed and displayed data for further analysis and research.
Supervised small group responsible for reference, research and archiving.
Experience with contemporary and historical data sets, historical scientific instruments and map reference and research.

SPECIFIC SKILLS
Linux/Unix, Dos, Windows, MSOffice
Programming - Fortran, C, Perl, Matlab, Shell Scripting
Serial interfacing to instrumentation
Deep sea bottom imagery - Collection, Processing, Mosaicing, Archiving, Access
Side scan sonar and phase bathymetric system data collection and processing
Extensive seagoing experience
Navigation systems - Including Acoustic Long Baseline
Data Reference and Research
Library Systems - Online searching
Supervisory experience including budget preparation
Fluent in Spanish

PUBLICATIONS
Richards, D.A., S.R. Gegg, and R.C. Groman, Preliminary Cruise Report and Index of Geophysical Data Chain 115 Leg 1, W.H.O.I. Technical Report 74-38, June, 1974.

Richards, D.A., R.C. Groman and S.R. Gegg, Cruise Data Report Chain 115 Leg 2 SOUTHLANT Expedition, W.H.O.I. Technical Report 74-59, August, 1974.

Gegg, S.R., R.C. Groman, J.D. Kroll, and D.A. Richards, Cruise Data Report R/V Chain Cruise 115 Legs 3 and 4 SOUTHLANT Expedition, W.H.O.I. Technical Report 74-95, December, 1974.

Groman, R.C., S.R. Gegg, and J.D. Kroll, Cruise Data Report R/V Chain Cruise 115 Leg 5 SOUTHLANT Expedition, W.H.O.I. Technical Report 75-29, May, 1975.

Kroll, J.D., S.R. Gegg, and R.C. Groman, Cruise Data Report R/V Chain Cruise 115 Leg 7, W.H.O.I. Technical Report 75-35, July, 1975.

Hoskins, Hartley, Stephen R. Gegg, and Christopher R. Tapscott, Cruise Data Report R/V Atlantis II 93, Legs 5 and 6 Central Indian Ocean-Triple Junction, W.H.O.I. Technical Report 77-74, December, 1977.

Stewart, W. Kenneth and Stephen R. Gegg, USS MONITOR Survey: 3-D Sonar and Navigation Processing, The 1987 Expedition to the MONITOR National Marine Sanctuary: Data Analysis and Final Report, N.O.A.A., July, 1991, pp. 231-272.

Howland, J.C and S.R. Gegg, Analyses of F/V Gaul Data, WHOI Technical Memorandum WHOI-2003-01, September, 2003

Gegg, S., V.L. Ferrini, R. Chandler, 2006. National Deep Submergence Facility Data Report: data systems, processing and visualization. Eos Trans. AGU, Fall Meet. Suppl., Abstract.