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## Resume of Albert J. Semtner , Jr., Undated

Semtner, Albert J., Jr.

Monterey, California: Naval Postgraduate School

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ALBERT J. SEMTNER, Jr.

Albert J. Semtner, Jr. was born 25 May 1941 in Oklahoma City. He attended Caltech and UCLA, majoring in mathematics, and received B.S. and M.S. degrees from those institutions in 1963 and 1965 respectively. Thereafter, he joined the NOAA Commissioned Corps, specializing in shipboard and land-based computer applications to oceanography. While serving as a Lieutenant Commander assigned to the NOAA research laboratory at Princeton University, he completed a Ph.D. in the university's Geophysical Fluid Dynamics Program in 1973.

Since 1973, Dr. Semtner spent three years as an Adjunct Assistant Professor in the Department of Meteorology at UCLA and ten years as a research oceanographer in the Oceanography and Climate Sections of the National Center for Atmospheric Research in Boulder, CO. He was appointed Professor in the Department of Oceanography at the Naval Postgraduate School in May 1986.

Dr. Semtner's teaching interests lie mainly in dynamical oceanography and in numerical ocean modeling. He advises thesis students in these two basic areas. His primary research interest is the development and use of three-dimensional ocean circulation models with resolved mesoscale eddies in regional or even global domains. He is especially interested in modeling the polar oceans.

Over the past several years, Dr. Semtner has participated as a lecturer in several NATO Advanced Study Institutes and as a visiting professor at Cambridge University, the University of Maryland, and the Catholic University of Louvain, Belgium. He presently serves as a member of the European-Canadian-American Working Group on Satellite Remote Sensing in Polar Regions, the Working Group on Numerical Modeling for the World Ocean Circulation Experiment, and the Advisory Committee of the Institute for Naval Oceanography. Over the past five years, he has served as Associate Editor for the Journal of Geophysical Research (Oceans), the Journal of Glaciology, and the Journal of Climate and Applied Meteorology. His publications number 22 in scientific journals and 17 in the unrefereed literature.

