VITA LAURENCE ARMI October 2012

Professor of Oceanography and Meteorology, Scripps Institution of Oceanography Affiliate Professor of Fluid Mechanics, Dept. of Mechanical and Aerospace Engineering

University of California, San Diego La Jolla, California 92093-0225

Tel: (858) 534-6843 email: larmi@ucsd.edu

BIRTH: 4 Aug 1944 USA

DEGREES: 1975 Ph.D. Fluid Mechanics, University of California, Berkeley

1968 M.S. Aerodynamics, University of Southern California

1966 B.S. Math/Physics, Harvey Mudd College

HONORS: Fellow, American Meteorological Society

Henry Stommel Research Award of the AMS "for his deeply insightful studies of stratified flows, his pioneering work on boundary mixing and other turbulent

mechanisms."

Fellow, American Geophysical Union

Fellow, Geophysical Fluid Dynamics Program, Woods Hole, Summer 1974

OTHER: 1992 FAA Certified Flight Instructor and Commercial Pilot with

Single, Multiengine, Instrument and Glider ratings

PROFESSIONAL EXPERIENCE:

1981-present University of California, San Diego, Scripps Institution of Oceanography

Graduate teaching in fluid mechanics, turbulence, stratified flows, environmental fluid mechanics, meteorology and physical oceanography. Research in turbulent flows, stratified flows, meteorology, ocean circulation and mixing. Principal investigator/ chief scientist for meteorological aircraft flights, seagoing, laboratory and theoretical studies of turbulent mixing, stratified and rotating flows with particular emphasis on turbulence in

these flows.

Oct.-Nov. 1999 Institut für Meteorologie, Universität Innsbruck, Austria

Visiting Professor – Lecture series on stratified flows with application to meteorology.

Sep. 1999 Geophysical and Environmental Fluid Dynamics Summer School, Cambridge, U. K.

Invited Lecturer

May-July 1998 Institut für Meereskunde, Universität Kiel, Germany

Visiting Professor - Presented brief course on stratified hydraulics and mixing.

Sep. 1991- National Center for Atmospheric Research, Mesoscale and Microscale Meteorology

Aug. 1992 Division, Boulder, Colorado Visiting Senior Scientist - Research on stratified flows

with application to severe downslope winds and aviation safety.

Feb.-Aug. 1987 University of Western Australia, Centre for Water Research, Perth, Western Australia

Gledden Visiting Senior Fellow - Applications of exchange flow theory to flushing of

harbors, estuaries and inland seas.

1975-1980 Woods Hole Oceanographic Institution, Woods Hole, Massachusetts

Postdoctoral Fellow, Assistant and Associate Scientist - Seagoing and theoretical research on boundary layer turbulence, ocean mixing and large scale ocean circulation.