



**POSTER SESSION:
AUTONOMOUS LAGRANGIAN PLATFORM
SYSTEMS (ALPS)**

WEDNESDAY, JUNE 8

**ENVIRONMENTAL MONITORING OF SEAFOOD PROCESSING EFFLUENTS USING
AN AUTONOMOUS UNDERWATER VEHICLE**

Sara Adams, Neil Bose, Laura Park, and Trevor Thomas

HIGH TURBID LAYER SURVEY BY AUV "TANTAN"

Yasuaki Aota, Michio Kumagai, and Tamaki Ura

**AUTONOMOUS ASSESSMENT OF THE OCEAN CARBON CYCLE: PROSPECTS FOR A
CARBON-ARGO**

James K.B. Bishop, Todd Wood, and Phoebe Lam

**THE TIME VARYING STRUCTURE OF A RIVER PLUME: OBSERVATIONS WITH AN
AUTONOMOUS GLIDER.**

R. Chant, O. Schofield, R. Chant, J. Kohut, and S. Glenn

**AUV-BASED PHYSICAL, BIOLOGICAL, AND ACOUSTIC OBSERVATIONS IN SUPPORT
OF MARINE MAMMAL ECOLOGY STUDIES**

David M. Fratantoni and Mark F. Baumgartner

ON CLOSING THE TURBULENT KINETIC ENERGY BUDGET FROM AN AUV

Louis Goodman, E.R. Levine, and R.G. Lueck

**SUBMERSIBLE NUTRIENT ANALYZERS FOR MOBILE OCEAN OBSERVATION
PLATFORMS**

Alfred K. Hanson

OPTICAL NITRATE SENSORS FOR AUTONOMOUS LAGRANGIAN PLATFORMS

Kenneth S. Johnson, Luke Coletti, Hans Thomas, Francisco P. Chavez

**BIOPHYSICAL OCEANOGRAPHIC SENSOR ARRAY (BIOSA) FOR SENSING THE
CHEMICAL AND BIOLOGICAL STATE OF THE OCEAN**

Zbigniew S. Kolber and Denis Klimov

HIGH RESOLUTION MONITORING OF BENTOS USING AUV "TANTAN"

Michio Kumagai, Kanako Ishikawa Yasuaki Aota, and Tamaki Ura

ELECTROCHEMICAL TOOLS FOR IN SITU MEASUREMENTS IN OCEANIC SYSTEMS

Marielle Lacombe, Maurice Comtat, Danièle Thouron, Véronique Garçon, and Nadine Le Bris

**OBSERVATIONS OF A YAKUTAT EDDY AND THE ALASKA STREAM- SEAGLIDER
OPERATIONS IN THE GULF OF ALASKA**

Joseph P. Martin, Craig M. Lee and Charles C. Eriksen

DISSOLVED O₂, N₂ AND CO₂ SENSORS FOR UNDERWATER PLATFORMS

C.L. McNeil, B.D. Johnson, and E.A. D'Asaro

APPLICATIONS OF AUTONOMOUS VEHICLES IN THE COASTAL OCEAN

Mark A. Moline, Shelley M. Blackwell, Ian Robbins, Gary Kirkpatrick, Oscar M.E. Schofield

GPS-CELLULAR DRIFTER TECHNOLOGY FOR COASTAL OCEAN OBSERVING SYSTEMS

Carter Ohlmann, Peter White, Andy Sybrandy, and Peter Niiler

SEAGLIDER OBSERVATIONS OF THE SUBSURFACE CHLOROPHYLL MAXIMUM LAYER OFF WASHINGTON, USA

M.J. Perry, C.C. Eriksen and B. Sackmann

THE UNDERWAY CTD

Daniel L. Rudnick, Jochen_Klinke and Benjamin A. Hodges

OCEAN PRIMARY PRODUCTIVITY PROFILING SYSTEM USING AN UNDERWATER WINCH SYSTEM

Toshiro Saino, Takashi Ishimaru, and the POPPS Team