

J.H.D. OCEAN RESEARCH LAB. NEWLY SET UP

The research and development organizational system of the Hydrographic Department of Japan was restructured, and the former Marine Research Laboratory was dissolved into a new organization "Ocean Research Laboratory" as of 24 June 1994.

The new Ocean Research Laboratory is headed by Dr. Hideo Nishida and composed of 2 Principal Research Officers, 7 Senior Research Officers, and 4 Assistants.

They are introducing themselves:

Dr. Hideo Nishida, Head: Got a Master's degree in physics in 1972 and a Doctoral degree in physical oceanography in 1984, both from the University of Tokyo. After he had joined J.H.D. in 1972, he worked for Oceanographic Division, Planning Division, Maritime Safety Academy as a professor, and his former post was the 3rd Regional Maritime Safety Headquarters in Yokohama as Director of Hydrographic Department. As Head of the Laboratory, he is mainly doing research management, while engaged in some research work on the ocean current around Japan.

Mr. Akira Asada, Principal Research Officer: Graduated from the Faculty of Electrical Engineering, Waseda University in 1977. His primary responsibilities include the development and operation of ocean survey systems, technical assistance, and earthquake prediction surveys. These systems include SeaBeam and long-offset multichannel seismic profiling systems.

Mr. Yoshiyuki Iwanaga, Principal Research Officer: Graduated from the Science University of Tokyo in 1969. His primary responsibilities include the investigation of ocean environment, especially the ocean structure. He took part in the National Joint Research and Investigation such as WOCE, WESTPAC, CSK, Japan Antarctic Research Expedition (JARE).

Mr. Yutaka Michida, Senior Research Officer: Received his Master's degree of science from the University of Tokyo in 1983 and joined J.H.D. in 1984. He participated in the 28th summer mission of Japan Antarctic Research Expedition as a physical oceanographer in the austral summer from November 1986 through April 1987. His major research fields include physical oceanography in the open ocean, particularly on the structure of wind driven currents in the mixed layer and surface current field with Lagrangian drifters.

Mr. Arata Sengoku, Senior Research Officer: Received his Master's degree of science from the University of Tokyo in 1984 by "Orbital errors of GPS satellites". He joined

J.H.D. in 1984. His major research fields are satellite geodesy and celestial mechanics. He has been working for analysis and observation of satellite laser ranging for precise geodetic control and plate motion monitoring. He also contributed to determination of sea surface topography and its variation by using remote sensing data, altimetric data of ERS-1 satellite. His recent study is on the modeling of forces acting on geodetic satellites.

Mr. Akio Uchida, Senior Research Officer: Graduated from the Faculty of Electrical Engineering, Tokyo Electrical Engineering University in 1974. He has more than 20 years experience working on hydrographic survey. His primary responsibilities include Differential GPS system and swath survey systems.

Dr. Azusa Nishizawa, Senior Research Officer: Received her Doctor's degree of science from Tohoku University in 1986. After working as a research scientist at the Observation Center for Prediction of Earthquakes and Volcanic Eruptions, Faculty of Science, Tohoku University, she joined J.H.D. in 1992. Her specialty is ocean bottom seismology.

Mr. Yo Iwabuchi, Senior Research Officer: Took his Master's degree of science from Hokkaido University and joined J.H.D. in 1985. His major field of study is marine geology.

Mr. Satoshi Sato, Senior Research Officer: Has studied "Physical oceanography gentle to the human body" since he entered the master's course of Kyoto University Graduate School in 1982. But "Physical oceanography gentle to the human body" is so severe science to master that he succumbed to a disease. Now, he belongs to this Ocean Research Laboratory to recuperate for his health.

Mr. Yoshiharu Nagaya, Senior Research Officer: Graduated from Faculty of Science, Kyoto University in 1986 and got a position in Geodesy and Geophysics Division of J.H.D. Since then he has been conducting geomagnetic and gravity survey around Japan. In ORL he does not only continue the research of geomagnetism and gravity also takes part in a development of the method to measure the crustal deformation on the sea floor.



From left: Dr. Nishizawa, Mr. Yabuki, Mr. Uchida, Mr. Iwanaga, Mr. Michida, Dr. Nishida, Mr. Asada, Ms. Yoritaka, Mr. Yoshi, Mr. Sato, Mr. Nagaya, Mr. Kanesaki