

STATEMENT OF THE EIGHTEENTH JOINT
MEETING OF THE UJNR AQUACULTURE PANEL
SEPTEMBER 18-19,1989

The eighteenth joint meeting of the UJNR aquaculture panel was held on September 18 and 19, 1989, at the Resort at Port Ludlow, Port Ludlow, Washington, USA. A business meeting was held on the morning of September 18, followed by a Symposium on September 18 and 19. The topic of the Symposium was "Reproductive Physiology". Hisashi Kan-no, Japanese Panel Chairman, and Conrad Mahnken, U.S. Panel Chairman opened the business meeting with welcoming addresses and opening greetings. The agenda for the business meeting and the symposium are attached (Appendices I and II), as well as the lists of panel members, guests and observers (Appendices III and IV).

I. Business Meeting

The business meeting was chaired by the U.S. and Japanese Panel Chairmen, Dr. Conrad Mahnken and Dr. Hisashi Kan-no, respectively. They were assisted by Dr. Eugene Fritz, sitting in for the U.S. Vice Chairman, Dr. James McVey, and the Japanese Secretary General, Dr. Koji Wada. Elected as Rapporteurs were Dr. Joan Mitchell, and Dr. Katsuhiko Wada. The Symposium Moderators were: First Session-Dr. Walton Dickhoff; Second Session- Dr. Gene Fritz and Dr. Koji Wada; Third Session- Dr. Al Fox and Dr. Katsuhiko Wada. It was noted that three of the original Japanese UJNR members-- Drs. Kan-no, Furukawa and Fujiya, and one original U.S. UJNR member, Mr. Robert Wildman, were in attendance at this meeting.

The counter parts for the U.S. and Japanese Panels were named.

For the U.S. Panel, they were:

Chairman	Dr. Conrad Mahnken
Vice Chairman	Dr. James McVey
Cooperative Studies	Dr. Conrad Mahnken
Scientist Exchange	Dr. James McVey
Literature Exchange	Mr. Benson Drucker
Publications	Dr. Conrad Mahnken/Mr. Ralph Svrjcek

For the Japanese Panel, they were:

Chairman	New Chairman next year: Top Secret!
Vice Chairman	Dr. Akimitsu Koganezawa
Secretary General	Dr. Koji Wada
Cooperative Studies	Dr. Katsuhiko Wada
Scientist Exchange	Dr. Hiroshi Ogata
Literature Exchange	Dr. Masahiko Awaji

The agendas for the business meeting and symposium were unanimously adopted.

A. Scientist Exchange

The exchange of scientists under the auspices of the UJNR Aquaculture Panel continued during 1988-1989. Arrangements were made for the following exchanges:

Japanese scientists attending "Aquaculture '89," Los Angeles, California, February 1989:

Toshihiko Matsusato, Agriculture, Forestry and Fisheries Research Council Secretariat.

Hitoshi Kitoh, Seikai Regional Fisheries Research Laboratory

Hisashi Kan-no, National Research Institute of Aquaculture

Keiji Hirose, National Research Institute of Aquaculture

Hiroshi Onosato, National Research Institute of Aquaculture

Nagahisa Uki, National Research Institute of Aquaculture

Masahide Kaeriyama, Hokkaido Salmon Hatchery

Akira Suda, Japan Seafarming Association

Katsuhiko T. Wada, National Research Institute of Aquaculture to: the School of Fisheries at the University of Washington; Rutgers Shellfish Research Laboratory; and Kewalo Marine Laboratory at the University of Hawaii. Studies will be performed on the chromosome manipulation of marine bivalves. September to December, 1989, before and after the 18th UJNR joint meeting and Symposium, Port Ludlow, Washington.

Hiroshi Itoh, Hokkaido Regional Fisheries Research Laboratory to: the Marine Resources Laboratory in West Boothbay Harbor, Maine; Milford Laboratory, Milford Connecticut; Marine Resources Research Institute, Charleston, South Carolina. Studies will be carried out on the carrying capacity in shellfish mariculture. September to December 1989 after the 18th UJNR joint meeting and symposium, Port Ludlow, Washington.

Masaru Fujiya, Overseas Fishery Cooperation Foundation and Atsushi Furukawa, former Japanese chairman to Port Ludlow, Washington. To attend 18th UJNR meeting and field trip. September 1989.

Sus Kato, National Marine Fisheries Service, Tiburon, California to Japan to meet with people in Prefectural and Federal Laboratories to gather facts about their hagfish fishery. He also visited several aquaculture laboratories.

B. Literature Exchange

The U.S. Panel sent 125 publications on both fresh and salt water aquaculture to Japan. Ten copies of the publication list were presented to the Japanese panel members.

Dr. Awaji has recently replaced Dr. Nakanishi as literature exchange counterpart. Because this year's meeting is a month earlier than usual, the 1988 English version of the Japanese Fisheries Annual Report on the status of Japanese fisheries is not yet finished. The Japanese will send 95 papers for exchange including the Annual Report in early October. Two copies of the completed list of exchange papers were presented to the U.S. Panel and the Japanese Panel will send 10 more copies with the papers.

C. Publications

Mr. Ralph Svrjcek has replaced Dr. Albert Sparks as editor of the UJNR proceedings. He reported that the 1984 and 1985 proceedings were published in October and November 1989 respectively. The 1986 papers have been edited and will be printed in February 1990. All of the 1987 and one-half of the 1988 papers (30 manuscripts and extended abstracts) have been edited and returned to authors. If all goes well, Svrjcek hopes to publish the 1987 papers by May 1990, and the 1988 papers by January, 1991. The aim is to publish the proceedings a year after the papers are presented.

Mr. Svrjcek requested that authors follow the guidelines he has developed and if they have their manuscripts stored on a computer, to send him a final copy on a diskette in addition to a double spaced hard copy. Dr. Kan-no said he would like to do this, but he was not sure if the Japanese systems were compatible with IBM. He will look into this on his return. Dr. Mahnken said that if this was too difficult for the Japanese, the rules would only apply to the U.S. side. It was suggested that the information be transferred to 3 1/2" disks and sent to the U.S., and we would experiment with them here.

Dr. Kan-no said he was very grateful to NOAA for publishing the proceedings. He said that because of these publications, Japanese Aquaculture is becoming better known internationally, and domestically UJNR papers are being well received. It has also prompted many of the younger Japanese investigators to write their papers in English. He asked if it would be possible to send him an additional 30 copies to give

to the younger investigators. Dr. Mahnken said he thought he would be able to send him an additional 50 copies of some past proceedings.

English versions of the Japanese papers from last year's UJNR symposium have been published for limited distribution. This was for public relations purposes. The Japanese still want the total symposium published as a NOAA Technical Report.

There was some discussion about developing a logo/insignia for the UJNR Aquaculture Panel. It was suggested that next year there should be a contest with entries from both panels.

Dr. Mahnken thanked the new editor for doing such an excellent job.

D. Cooperative Studies

1. International Index of Marine Aquaculture Diseases. Dr. Sindermann submitted a status report on this on-going study. He indicated that this study would present, in standard format, a synopsis of information on the diagnosis and control of the principal diseases of major marine aquaculture species. Much published information is available from Europe, Japan, and the United States, but it has not been assembled in a standardized, succinct format, that would provide summaries of critical information on each disease of significance.

Progress on this study was interrupted several months ago with the untimely death of Dr. Emmy Egidius, who was the designated Coordinator for Europe. A replacement for Dr. Egidius has been identified, and as soon as we have word of the acceptance by Dr. Egusa as Coordinator for Japan, then active compilation can begin.

The present plan is to have a draft manuscript of the compendium available for examination at the 1990 meeting of the UJNR Aquaculture Panel in Japan. Since the topic of that meeting is "Fish Diseases," a manuscript would be timely and relevant.

Dr. Kan-no said he would consult on this matter as soon as he returns to Japan. Dr. Mahnken said that Dr. Kimura would be a very acceptable replacement if Dr. Egusa were unavailable. Dr. Kan-no wants to get accurate information on this matter and will let Dr. Mahnken know as soon as possible.

The U.S. Side is considering a possible new Cooperative project, which might be instituted at next year's meeting.

E. Other Matters

1. The U.S. Panel requested a list of the Japanese UJNR members with addresses and fax numbers and a list of the Japanese Panel members

and observers at this meeting (Appendix III). The Japanese Panel requested the same (Appendix IV).

Dr. Kan-no said that the Japanese had included a salmon biologist on the UJNR panel at the request of the U.S. His name is Mamoru Katoh from the Far Seas Fisheries Laboratory, and his expertise is salmon population dynamics.

2. Dr. Mitchell commented on the cooperative science programs between the National Science Foundation and the Japan Government. She said this could be an excellent way to get U.S. aquaculture scientists to work in Japan. UJNR could provide the means for U.S. scientists to locate a Japanese sponsor and develop collaborative research projects.
3. Dr. Fujiya distributed a brochure from his office to the U.S. Panel, entitled "Japan's Overseas Fisheries Cooperation".
4. Dr. Mahnken called the panel's attention to a new journal entitled the "International Journal of Aquaculture and Fisheries Technology." This English language journal is published in Japan and is looking for papers from the U.S.

F. Plans for the next Joint Meeting in Japan

The 19th Joint Meeting of the UJNR Panel will meet in Japan sometime in October, 1990. The meetings will be in Mie Prefecture, in the Nansei area, and the title of the Symposium will be "Fish Diseases." The main symposium will be at the National Research Institute of Aquaculture and the satellite symposium will be in Hiroshima at the Nansei Regional Fisheries Research Laboratory. The National Research Institute of Aquaculture has a pathology division that will plan the symposium.

Dr. Mahnken suggested that because the U.S. is experiencing serious losses of fish due to phytoplankton blooms, that this might be a good topic to address. Of particular interest would be the Japanese method of farming around phytoplankton blooms in the area of the Seto Inland Sea. He also suggested the loss of farmed coho in Japan due to bacterial kidney disease and salmonid viral diseases as other possible topics.

Dr. Kan-no suggested the possibility of expanding the title of the symposium to include these other topics, or possibly dealing with one or more of them at the satellite symposium. This will be decided later.

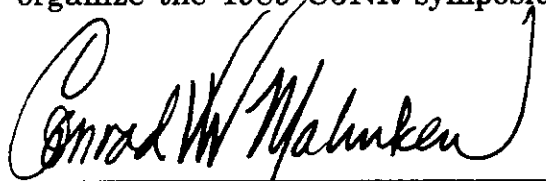
G. Information for the Field Trip

Drs. Fox and Mahnken outlined the field trip from September 20 to 27. The itinerary for the field trip is Appendix V.

II. Symposium

The main symposium was held at the Conference Center at Port Ludlow. A total of 16 papers were presented at the symposium.

The Japanese and U.S. Chairmen thanked all those who helped plan and organize the 1989 UJNR symposium and field trip.



U.S. Chairman



Japanese Chairman