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Your ref.

Our ref. Avf/Sti

Lausanne, July 25, 2003

Dear Professor Ninokata

In response to your requests of information concerning the activities of the AIHR Section on Hydraulic Machinery and Systems, I am pleased to report the following:

The Section on Hydraulic Machinery and Systems held its 21st biannual meeting in September 9-12, 2002 in Lausanne, Switzerland. The meeting went very well and 170 registered attendees participated to the Symposium. We had 106 high quality papers, which were excellently presented and actively discussed. Both electronic and printed versions of the proceedings were made available (see <http://lmhwww.epfl.ch/IAHR2002/formbook.htm>). Moreover, Dr. Chabard, AIHR Vice President, was able to attend partly the symposium and addressed us the regards of AIHR Board during the closing ceremony.

The Executive Committee of our Section was held September 9, 2003 under the chairmanship of Richard, Dick, Fisher. After his resignation as Chairman and those of Mr. Alfred Lang as Secretary, the Section's Executive Committee elected me, Professor Francois Avellan, Dr. Ing., as our next Section Chairman, and Professor Dr. Eduard Egusquiza was chosen as our Secretary. You will find enclosed a report on the Section's Executive Committee meeting prepared by our former Section's secretary, Mr. Alfred Lang.

Our Working Group N°1 on "*Behavior of Hydraulic Machines under Steady Oscillatory Conditions*", coordinator Professor Hermod Brekke, has scheduled a meeting for the last quarter of 2003 in Stuggart. Both the thematics of Working Groups N°2, "*Rules of similitude for cavitation model testing of hydraulic machines*", and N°3, "*Scale effects on performance and efficiency of hydraulic turbo machines*", will be reconsidered as mentioned in the attached report of the last Executive Committee Meeting.

Our Section has also supporting the 1st Joint Conference IAHR - IWA on Pumps, Electromechanical Devices and Systems, announced and scheduled for April 22-25, 2003 in Valencia, Spain and Organized by Professor Enrique Cabrera.

The next Sectional meeting is scheduled for June 29-July 2, 2004 in Stockholm, Sweden, (see <http://www.swedpower.se/IAHR2004/>). The 22nd Symposium on Hydraulic Machinery and Systems is being organized by Mr. Ulf Wollstrom, Representative of Sweden in our Section Executive Committee.

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Moreover, I have already received from Professor Junichi KUROKAWA of Yokohama National University the official approval of the Executive Committee of Turbomachinery Society of Japan to host the 23rd IAHR Symposium on Hydraulic Machinery and Systems in 2006.

I am now preparing a tour with Professor Egusquiza in South America, Brazil, Argentina and Chile, next year in order to promote our Section's activities and looking forward to seeing the 24th Symposium to be held in one of these countries by 2008.

With respect to the executive committee membership, I must say that, unfortunately, the list of members has not been yet updated since a rather long time. I am now actively contacting the different members to update the list. I will send it to you soon before the next AIHR Congress to be held in Thelassoniki.

As has been our practice, the Section on Hydraulic Machinery and Systems plans to continue its history of organizing its own Symposia in the years between the IAHR Congress meetings. While we support the Congress meetings, our Section members and our Executive Committee have expressed their wish to have our own unique events.

Our section does not have yet its own web site. However, each Symposium Organizing Committee has been establishing a web site for that symposium. Therefore, I am personally strongly committed to promote the scientific and technical activity of our section and I am planning to set up a Web Site for our Section. I would like also to address the Council about the lack of visibility our proceedings and publications suffer among the bibliography data base browsers available today and I think that a strong action needs to be undertaken to promote all the activities of AIHR.

I trust that this provides you with an update on our section's activity during the past year.

I am looking forward to seeing you in Thelassoniki.

Yours sincerely

Professor F. Avellan, Dr. Ing.
Chairman
AIHR Section of Hydraulic Machinery and Systems

Enclosure: Report of the last AIHR Section II Executive Committee Meeting