

**INTERNATIONAL ASSOCIATION FOR HYDRAULIC RESEARCH
DIVISION II – SECTION 1: HYDRAULIC MACHINERY AND CAVITATION**

MINUTES OF EXECUTIVE COMMITTEE MEETING

Held September 9, 2002

At EPFL, LAUSANNE

ATTENDEES:

Name	Affiliation/Country
Mr. Richard K. Fisher (Chairman)	Voith Hydro Inc., USA
Prof. Francois Avellan	EPFL, Switzerland
Prof. Hermod Brekke	University of Science & Technology, Norway
Mr. Normand Desy	GE Hydro, Canada
Prof. Aleksandar Gajic	University of Belgrade, Yugoslavia
Prof. Junichi Kurokawa	Yokohama National University, Japan
Mr. Alfred Lang	ASTRÖ, Austria
Prof. Rudolf Schilling	University of Technology, Munich, Germany
Mr. Ulf Wollström	Vattenfall, Sweden

1. OPENING

The meeting was opened at 4PM by the Chairman, Mr. Fisher. The following members of the EC were unable to attend:

Mr. Giuseppe Angelico

Prof. Jose Cataldo

Mr. Huang Yuanfang

Mr. Patrick Huvet

Prof. Takashi Kubota (substituted by Prof. Kurokawa)

Mr. Philip Seguin (substituted by Mr. Desy)

Dr. A. Sotnikow

2. AGENDA

The agenda (see attachment)) was handed out by the Chairman and generally agreed upon.

3. MINUTES OF PREVIOUS EC-MEETING

The minutes of the last meeting held on August 6, 2000 in Charlotte, USA, were adopted without modification.

4. 21st SYMPOSIUM IN LAUSANNE

Prof. Avellan, the Chairman of the Organizing Committee, outlined the details of the Symposium's organization, publications and registrations.

There are 155 registered participants of the Symposium representing suppliers, universities, owners and operators, consultants and service.

The papers and other information are issued as a CD . Due to sponsoring it was possible to provide a paper version of the contributions for a relatively fair price.

On behalf of the EC, Mr. Fisher thanked the organizers for their efforts and the time spent for preparation.

5. REPORTS FROM WORKING GROUPS

A. Working Group No. 1: Behavior of hydraulic machines under steady oscillatory conditions

Coordinator: Professor H. Brekke

Professor Brekke mentioned that the working group already has a long history. The last working group meeting in Trondheim (2001) was attended by roughly 40 engineers from 12 countries. Several very interesting contributions were delivered and discussed. The papers can be seen in the internet.

The next working group meeting is planned to be in Stuttgart, Germany. Professor Brekke announced that he intends to retire as chairman of the working group and a successor shall be nominated in the next meeting.

B. Working Group No. 2: Rules of similitude for cavitation model testing of hydraulic machines

Coordinator: Professor F. Avellan

The initial goal of the working group has changed. Therefore, activities have slowed down recently and will be revitalized after new topics are determined .

C. Working Group No. 3: Scale effects on performance and efficiency of hydraulic turbo machines

Coordinator: Professor R. Schilling

There was some stagnation in the activities of the working group due to difficulties of finding data to verify the theoretical studies. A new title of the working group is being considered by Prof. Schilling

6. CONTRIBUTIONS TO THE IAHR JOURNAL

At the last EC meeting, it was suggested to select the best papers of each Symposium and submit them to the IAHR Council for publication.

According to Mr. Lang's report, there was very little response from the experts who were invited to make suggestions for papers to be published in the IAHR Journal.

Suggestions for improvement were made by Prof. Avellan (to produce a special issue) and Prof. Schilling (create a forum of contributions to choose from).

7. 22nd SYMPOSIUM

The next Section Symposium will be held in Stockholm, Sweden, from June 29 to July 2, 2004. Mr. Wollström was going to make an official announcement of the 22nd Symposium in the course of the Closing Ceremony on September 12, 2002. Announcement brochures have already been issued and first advertisements been made at the HydroVision 2002 Conference in Portland.

8. 23rd SYMPOSIUM

During the EC meeting, it was not yet certain where the 23rd Symposium will be held. Prof. Kurokawa said that Japan will possibly host the Symposium and an official statement will be announced by the end of 2002.

9. 30th IAHR CONGRESS, THESSALONIKI; GREECE

The 30th IAHR Congress will take place in Greece 2003. The section members are encouraged to attend and contribute papers to the Conference. Mr. Fisher reminded that, according to an internal investigation, the majority of Section II/1 was not in favor of holding the Symposia together with the IAHR Conferences as suggested by the Division Chairman.

10. IWA

The IWA, initiated by Prof. Cabrera is now engaged in the GYPSIE project of the European Union.

11. CONFERENCE IN YUGOSLAWIA

Professor Gajic announced a conference about case studies in hydraulic applications to be held in Yugoslavia in October 2003. This conference will partly be funded by IAHR.

12. MEMBERSHIP OF SECTION EC

Currently, the Executive Committee is missing members from UK and Russia. Mr. Fisher will ask representatives of the respective countries to submit suggestions.

Mr. Patrick Huvet from France announced that he would be unable to stay in the EC on a regular basis. The Chairman will ask him to propose a successor.

Mr. Fisher will resign as chairman by the end of this Symposium. Prof. Avellan will be his successor.

Mr. Lang will resign as secretary by the end of this symposium. Dr. Ing. Eduardo Egusquiza will be his successor.

13. ADJOURNMENT

Adjournment took place on September 8, 2002, at 6 PM.

14. Annex AGENDA

IAHR Section on Hydraulic Machinery and Cavitation Executive Committee meeting Sept 8,2002

- 4:00 PM** Opening of meeting RKF
Rollcall
Minutes of last meeting Lang
Introductions of IAHR Executive Council Vice President, Dr. Jean Paul Chabard
Report on XXI Lausanne meeting Francois Avellan
Report from WG 1 Brekke
Report from WG 2 Avellan
Report from WG 3 Schilling
- Section contributions to IAHR Journal Lang
- 30th Congress in Thessaloniki,Greece Chabard
Discussion regarding our Section's Participation
First Joint Conference IAHR-IWA Valencia April 22-25, 2003 Cabrerra
Yugoslavia conference
- 22th IAHR Symposium in Sweden <http://www.swedpower.se/IAHR2004/>
- Presentation of Offers for 23st Symposium in 2004
Kubota/Tanaka/ Japan?
South America? **Looking for Ideas here**
Russia?
- New thrust for Section:
Solicitation of new members
- Executive Committee Membership restructuring
Country Sources for EC membership
New member for UK
New member for Russia
New member for France
- Executive Committee Membership for next year
- Chairman and Secretary for next 4 years
- Other Issues?
- Closing

MINUTES OF COMMITTEE MEETING – August 6, 2000
HILTON&TOWERS HOTEL, CHARLOTTE; NC