

MINUTES OF THE TWENTY-SECOND MEETING OF THE BOARD OF DIRECTORS OF INTERNATIONAL INCE ON SUNDAY-MONDAY, 1996 JULY 28-29 IN LIVERPOOL, U.K.

Present

Members of the Board

Lang, W. – President
Cops, A. – Secretary-General (and representing INTER-NOISE 93)
Brüel, P. – Director-at-Large
Kihlman, T. – INTER-NOISE 90
Lawrence, A. – INTER-NOISE 91
Embleton, T. – INTER-NOISE 92
Koyasu, M. – INTER-NOISE 94
Sone, T. – INTER-NOISE 94
Marsh, A. – INTER-NOISE 95 (R. Bernhard, Alternate on 07/29)

Guests

Berry, B. – INTER-NOISE 96
Blauert, J. – Chairman, EAA
Day, C. – INTER-NOISE 98
Don, C. – President, Australian Acoustical Society
Illenyi, A. – INTER-NOISE 97
Kotschy, A. – INTER-NOISE 97
Leventhall, G. – Institute of Acoustics
Lighthill, J. – President, IIAV
Maling, G. – Managing Editor, NNI
Newland, D. – Vice President, IIAV
Sutherland, L. – 1995 President, INCE/USA
Touret, J. – INTER-NOISE 88

Agenda

1. Opening of the meeting.
2. Approval of the Draft Agenda.
3. Approval of the minutes of the Twenty-First Meeting of the Board.
4. Report of the Secretary-General on the affairs of I-INCE.
5. Approval of the audited account for fiscal year 1995.
6. Approval of the budget for 1996.
7. Report of the Nominating Committee.
8. Report on the planning for INTER-NOISE 99.
9. Items to be delegated to the I-INCE Council.
10. Report of the Managing Editor of *Noise/News International*.

11. Revision of the INTER-NOISE Guidelines.
12. Briefing on need for changes in I-INCE organizational structure.
13. Briefing on negotiations leading to an application for affiliation of International INCE with the International Union of Theoretical and Applied Mechanics.
14. Prepare agenda for luncheon with Sir James Lighthill on July 29.
15. Items identified under item 12 above that require action by the Board.
16. Reports on the INTER-NOISE Congress series.
17. Preliminary plans for INTER-NOISE 2000 and 2001.
18. Luncheon with Sir James Lighthill.
19. Revision and updating of I-INCE By-Laws, including consideration of dues structure.
20. Reports on I-INCE Symposia.
21. Instructions to I-INCE Council on items requiring action by International INCE prior to next Board meeting.
22. Other business.
23. Closing of the meeting.

Minutes

1. The President opened the meeting at 09.00 on Sunday, July 28. The General Chairman of INTER-NOISE 96 welcomed the members and guests to Liverpool.
2. The Draft Agenda was approved.
3. The minutes of the 21st meeting in Newport Beach on 1995 July 08 were approved.
4. **Secretary-General's Report.**
 - A. International INCE now has 40 Member Societies, the Spanish Acoustical Society and the Noise & Vibration Division of the South African Institution of Mechanical Engineers having joined I-INCE since the last meeting of the Board. Of the 40 Member Societies, 37 are P-members and 3 are O-members. In addition, I-INCE has eight Institutional Members and 6 Sustaining Members.
 - B. The application of the Slovakian Acoustical Society to become a P-member effective 1997-01-01 was approved by the Board.
 - C. The Secretary-General visited the Technical University, Budapest, last year. The university will serve as the venue for INTER-NOISE 97. The meeting rooms are well-equipped, but the main auditorium has about 650 seats which means that it will be tight for the Opening Plenary, but o.k. for the distinguished lecturers on day 2 and day 3. The organizers will look for an alternative site for the Opening Plenary.
5. The audited account for 1995 (as published in the 1996 June issue of NNI) was accepted.
6. The budget for 1996 was approved. For the 1997 budget, the number of Member Societies is expected to increase by two.
7. **Nominating Committee Report.** The members are Embleton (Chair), Kihlman and Lawrence. The Secretary-General's term expires at the end of 1996. Upon nomination duly made and seconded, Andre' Cops was elected to a four-year term as Secretary-General starting 1997 January 01.

8. **Planning for INTER-NOISE 99.** INCE/USA proposes to host both INTER-NOISE 99 and ACTIVE 99 in Fort Lauderdale, Florida, USA during the Spring of 1999 at a Marriott hotel. INTER-NOISE 98 will be held the preceding November in New Zealand, and the EAA/ASA meeting will be in Berlin in 1999 March. After discussion, the Board felt that the congress should be held during the last quarter of 1999 and that all possible support should be given to the New Zealanders. Acting for the Board, the President accepted the offer of INCE/USA to host INTER-NOISE 99 and approved the venue, but expressed the strong preference that the congress be moved to the fourth quarter of the year.
9. Move item 9 of the agenda to item 21.
10. **Report of the Managing Editor of NNI.**
 - A. **Financial matters.**

The NNI deficit is about USD 16K (net). How can we reduce the deficit? One idea might be to dedicate an increase in Member Society dues (currently CHF 300 per annum) to NNI. The dues were originally set in 1974 when I-INCE was founded and have not been raised since then. The dues now represent an expense to the Member Societies substantially less than the cost of one individual registration at an INTER-NOISE congress. For their CHF 300, each Member Society receives up to 100 copies of NNI four times a year, and a copy of the INTER-NOISE Proceedings for the year. An increase in dues should take into account the size of the society; perhaps establish three categories, small, medium and large, and have 3 levels of payment. M. Koyasu suggested keeping the dues at CHF 300 for, say, 10 copies of NNI, and then purchase extra copies if the Member Society wants more. T. Kihlman pointed out that the EAA societies with about 7,000 members collectively pay much more than does the ASA with the same number of members.
 - B. **Dues increase.**

The President appointed a small committee (P. Brüel, A. Cops and M. Koyasu) to develop a proposal to change the dues structure for Member Societies. A report should be given to the General Assembly that a dues increase is under consideration, but no specific proposal has been approved by the Board. (Note: any dues increase requires the approval of the I-INCE Member Societies.)
 - C. **Upgrading vs. Downgrading.**

There was a lively discussion of upgrading vs. downgrading the quality of NNI. A. Lawrence and A. Cops have heard the question: do we really need NNI? Why not go back to a newsletter? B. Berry said we shouldn't downgrade NNI. W. Lang said it would be hard to upgrade the profession with a downgraded magazine. T. Kihlman noted that the situation is similar to Acustica/Acta Acustica (only the members of the French and German societies receive it from the publisher as part of their dues; the members of all other EAA societies have the option of taking it, and paying extra). There is a lot of dissatisfaction with A/AA as it contains little practical information.
 - D. **Advertising.**

B. Berry offered to help with the advertising. The IoA Bulletin now has an advertising manager in the USA, Keith Rose, who might be able to help.

- E. Internet.
INCE/USA now has a home page on the Internet with the World Conference Calendar, a membership list, a three-year index of NNI feature articles, links to abstracts, etc.
11. **Revision of the INTER-NOISE Guidelines.** (A revised version dated 1996-07-21 was distributed to the members of the Board.) This item of the agenda covers items that are not taken into account in the current guidelines. There was a long discussion of the shortcomings of the guidelines in their current form.
- A. Budget for a Congress.
Guidance on the expense items in the preliminary budget is needed. (The Hungarians included salaries and overhead in their pre-preliminary budget, which is not acceptable, and only their revenue budget was presented at Newport Beach; on July 29, the Hungarians presented no budget.) The budget should be presented and updated each year. Headings for the items to be budgeted should be provided. Leeway should be given for a range of expenses. Guidelines on sponsorship are needed. Grants or support should be solicited from government ministries and from industry. The mayor of the host city may be asked to host a reception.
 - B. Registration fees and accommodations.
The cost of attending congresses is very much of concern. There needs to be some control over the registration fees. A. Marsh presented a detailed analysis of the escalation of registration fees when normalized by hotel rates (about 1.0 to 1.5 rising over the years to about 5.0).
 - C. Accommodations.
PCOs are an overload on room costs; the whole cost of the hotel stay in advance is not reasonable. Individuals should be able to make their own arrangements, particularly for payment upon check-out. B. Berry was not completely satisfied with the arrangements in Liverpool. Originally, Merseyside Tourist Bureau was going to handle the hotel bookings. Then the cost of a PCO was studied. IoA wanted a data bank with all the information in it: hotel, registration fees, paper title, paper session, etc. It ended up being a blend with a PCO partially involved. The hotel wanted 50% of the total room revenue by July 01. The bill was for GBP 80K for nearly 400 rooms. This led the IoA into the hotel business. Guidelines need to be written to help organizers in this area and to protect them. We must be aware of differences in contract law from country to country. Cancellation clauses are very important in the contracts written in the USA. Basic conference insurance should be taken out. The hotel situation in Trondheim for the 1995 ICA must be avoided.
 - D. Seed money.
The Hungarians requested USD 5,000 seed money up front. Would this be a grant or a loan? Need a policy on this. (The Hungarians will be told that they will receive a USD 5,000 loan upon receipt of a budget, and an indication on the budget of the items towards which the USD 5,000 will be applied; since the Hungarian currency is not yet convertible, they will repay from the USD account they will set up to receive foreign registrations in hard currencies.) The Hungarians

have already received ECU 5,000 from the EAA to support ACTIVE 97. The financial resources of EAA are not better than those of I-INCE.

E. Length of congresses.

An algorithm is needed for extending the length of meetings depending on the number of papers to be presented.

F. Action.

A small committee consisting of A. Marsh, chair, assisted by B. Berry and A. Lawrence will work to improve the guidelines. A new draft will be circulated prior to the next meeting of the Board.

12. Changes in I-INCE Organizational Structure.

A. Need for a new structure.

J. Tourret and G. Leventhall joined the Board after lunch on Sunday to participate in the discussions related to European problems. The President stated that changes in the I-INCE organization are needed. At present, members of the Board are equally divided among the three geographical areas of the world: Pan-America (Embleton, Lang, Marsh), Europe (Brüel, Cops, Kihlman) and Asia-Pacific (Koyasu, Lawrence, Sone). Even though the Board is equally divided, we still need an entity to provide information to the Board that is focussed on the problems in a geographical area. At the moment, there are two critical problems in Europe. The President therefore proposed that the I-INCE Board create three Regional Advisory Councils, one for Europe, one for Pan America and one for Asia-Pacific. The functions of the three councils are described in the minutes of the informal pre-Board meeting held on 1996-07-27. The most important reason for the proposed structure is to provide the President with advice on how to handle difficult regional problems, especially in Europe.

B. Reaction of the Board.

There was extended discussion of this proposal. The President asked for a formal, new structure. There was some support, but in general the Board was not convinced that a new layer of bureaucracy is what is needed. A. Lawrence asked what a regional council would do, and suggested that the President ask the members currently on the Board for advice; she felt that the council idea could not possibly work successfully, and pointed out that WESTPRAC doesn't exist except for conferences. B. Berry and J. Tourret pointed out that European groups in noise are not cohesive. Noise control is all within the "classical" societies, but it is not being pushed hard enough by some of them, e.g. SFA. We should work closely and channel our efforts through EAA, as there is no other group representing noise interests on a Europe-wide basis, and EAA recognizes that noise is where the money is; the "classical" societies are making money on noise, but losing on most other areas of acoustics. B. Berry supported the need for a formal structure and said that the IoA has a new vice president for international liaison. How about VPs for each geographical region to provide liaison and information to the Board? T. Kihlman supported the idea of VPs for the regions, and suggested that they be the longest serving Board members, that they represent

the three geographical areas, and that they serve for three years, one being replaced each year, so there would be a one-third rotation every 12 months. The President pointed out that this will require a change in the I-INCE bylaws. It was moved by A. Marsh and unanimously voted that **Jean Turret be appointed Vice-President for European Affairs on a pro tem basis until the bylaws can be amended.** The President thanked the Board for providing assistance on European affairs, and moved directly to a detailed discussion of the two European problems.

C. The Italian Situation.

The Italian situation is complex as discussed at the pre-Board meeting on 1996-07-27. Dr. Guido Lombardi was secretary of the Noise & Planning conference held in Pisa, Italy last May where L. Sutherland gave the keynote address. Mixed report on this conference: few foreigners, perhaps 40, sessions not run on time, and talks added to the program at the last minute. The organization was not up to I-INCE minimum requirements, and most of the papers were given in Italian with simultaneous (?) translation provided. Dr. Lombardi requested a copy of the INCE/USA bylaws, translated them into Italian, and formed INCE/Italy at the end of June. Dr. Lombardi makes three demands upon I-INCE:

- immediate Member Society status for his INCE/Italy,
- his next Noise & Planning conference in 1998 to be identified as an International INCE Symposium, and
- INTER-NOISE 2000 to be hosted by his new society in Italy (in any city the Board chooses).

The long-time I-INCE Member Society in Italy is the Italian Acoustical Society (AIA). The situation in Italy is further complicated by the application of a third organization, Assoacustici, founded in 1991, to become an I-INCE Member Society. It is expected that several representatives of AIA, as well as Dr. Lombardi, will be coming to Liverpool. It is obvious that discussions need to be held with the Italians during INTER-NOISE 96. The reason that there is such intense interest in Italy in noise is that apparently the Italian government is pumping a considerable sum of money into noise control. Up to now the environmental section of AIA has been covering noise control from a professional standpoint in Italy; now there are three organizations, all vying for the spotlight. Only AIA is a member society of the EAA. T. Embleton emphasized that it is the duty of I-INCE to support its Member Societies, and it is prudent for us to work with the AIA on these problems. We should take no actions that would weaken our Member Societies. Any new organization needs a proven record of performance. Therefore, we need to have private discussions with AIA officers to ascertain their position on Lombardi's requests. P. Brüel feels that the problems may be solved when we get the short list of members from Lombardi and Assoacustici. T. Kihlman thought we could get some immediate help from AIA, but pointed out that the majority of its officers may have little interest in noise. This is a problem with the "classical" acoustical societies.

- D. **Wrap-up on the Italian situation.**
It was agreed that A. Cops, W. Lang and J. Tourret would have private discussions with the Italians during the Liverpool meeting in order to understand the positions of the several personalities and organizations involved. J. Tourret will follow up in his new role as I-INCE Vice President for European Affairs.
- E. **The Euro-Noise Situation.**
The President described the Euro-Noise situation. The first Euro-Noise was held in London in 1992 September with G. Leventhall as initiator and organizer. The theme was: European regulatory issues and general issues. The Second Euro-Noise was held in Lyon, France in 1995 March with J. Tourret as chairman. The theme was: software for noise control. There were about 350 participants in Lyon and about 200 papers. The conference was billed as: "An International INCE Symposium organized by: Société Française d'Acoustique (SFA) in cooperation with: European Acoustics Association (EAA) and International Institute of Noise Control Engineering (I-INCE)." A meeting was held immediately after INTER-NOISE 95 in Newport Beach to discuss the future of the Euro-Noise series. Those present were: W. Lang, G. Maling, G. Leventhall, R. Lawrence and C. Mackenzie. The discussion focused on the possible formation of an INCE/Europe which would have responsibility for the Euro-Noise series. This proposal was discussed by the IoA Council last December; little interest was expressed as INTER-NOISE 96 was the high-priority item. Action must now be taken in Liverpool or Euro-Noise sponsorship will go to EAA by default. The original concept was to have Euro-Noise symposia in Europe in those years when the INTER-NOISE Congress is not in Europe (a parallel concept to the NOISE-CON series in North America).
- F. **Wrap-up on the Euro-Noise Situation.**
Attachment 12 to the minutes of the 1993-08-21/22 Board meeting in Leuven, Belgium was entitled: "Sponsorship of Euro-Noise Conferences." A copy was distributed to the Board for review (*Attachment 1*). The principles defined in that attachment are still valid, and should form the basis for discussions with EAA representatives on planning for future conferences. The consensus of the Board was that we should continue to participate in the planning and sponsorship of the Euro-Noise series. The Board wishes to cooperate with the EAA in the sponsorship of the Euro-Noise series as a joint venture. The billing of I-INCE participation should be identical to the billing for Euro-Noise 95 in Lyon. The venue and dates for Euro-Noise 98 will be discussed with J. Blauert and others representing the EAA during the Liverpool congress. The EAA has developed guidelines for running symposia which were adapted from the guidelines for a speech symposium. The EAA and I-INCE guidelines documents must be coordinated. The Board delegates to J. Tourret the responsibility for carrying out its wishes. It was unanimously agreed that his pro tem position description is defined in the agenda for this meeting as follows: The I-INCE Vice President for European Affairs will develop recommendations and present them to the Board in the following areas:

- future Euro-Noise venues and dates,
- future INTER-NOISE venues in Europe,
- interactions with EAA, EAA Member Societies and I-INCE Member Societies in Europe,
- new I-INCE Member Societies in Europe,
- future I-INCE Symposia in Europe, and
- other European matters to be dealt with by the Board.

13. **I-INCE/IUTAM Negotiations and ICA Report.**

The history of IIAV is traced through exchanges of letters, etc. between many parties, leading to the submittal of an application for the affiliation of International INCE with the International Union of Theoretical and Applied Mechanics (IUTAM). *Attachment 2* is a letter of 1995-08-22 from B. Berry suggesting that I-INCE send a note to all Member Societies discouraging corporate participation in Malcolm Crocker's IIAV, and asking them to discourage individual participation. *Attachment 3* is a letter dated 1995-07-18 from Crocker to R. Weston soliciting support for his IIAV and his 4th congress in St. Petersburg. *Attachment 4* is a letter of 1995-09-12 from T. Kihlman to the presidents of regional and international acoustics associations asking them whether the world needs another acoustics organization, another series of acoustics congresses and another referred journal in acoustics. *Attachment 5* is a letter of 1995-09-12 from T. Kihlman to W. Lang recommending that I-INCE inform its Member Societies not to become "cooperating member societies" and to discourage their individual members from joining Crocker's organization. *Attachment 6* is a fax sent on 1995-09-18 to the I-INCE Member Societies advising them of the ICA Chairman's recommendations. *Attachment 7* is a fax of 1995-12-20 from IoA President Burd explaining that he could not forward to the I-INCE President a copy of the letter dated 1995-10-25 from Sir James Lighthill to President Burd detailing Sir James' reasons for assuming the presidency of Malcolm's IIAV. *Attachment 8* is Sir James' letter to President Burd referred to in Attachment 7. *Attachment 9* is an editorial by Malcolm Crocker from the 1995 December issue of S)V magazine giving the history and the rationale for his IIAV. *Attachment 10* is a letter dated 1996-04-01 to Sir James Lighthill expressing alarm at his proposed scheduling of the 5th IIAV congress to immediately precede INTER-NOISE 98 and inviting him to lunch on July 29. *Attachment 11* is a letter dated 1996-07-06 and cosigned by the I-INCE President and ICA Chairman to the IUTAM President asking that I-INCE be recognized by IUTAM as an affiliated organization at the IUTAM Congress in Kyoto, Japan in 1996 August.

Report from the International Commission on Acoustics.

T. Kihlman gave the following report. Sir James attended the Commission meeting in Trondheim one week after Malcolm had incorporated IIAV and he did not say a word about IIAV. He was the ICA liaison to IUTAM for many years, but had not attended a meeting of the Commission for 6-7 years and by the time of the Trondheim meeting, he had been replaced by S. Crandall, so he really had no business at the Commission meeting in Trondheim at all. The ICA is a regular Commission of IUPAP, the International Union of Pure and Applied Physics. The members of the Commission are elected by the IUPAP General Assembly which is made up primarily of physicists. When T. Kihlman became

ICA Chairman in 1994, he studied how it would be possible for the ICA to get closer to the acoustical societies of the world, at least to the extent that the members of the Commission are elected by the acoustical community, rather than the physics community as at present. He therefore is proposing that the ICA change its status from a regular Commission to an affiliated Commission of IUPAP which will permit the ICA to invite the acoustical societies of the world to become ICA member societies. This change requires new statutes which are expected to be approved at the IUPAP General Assembly to be held in Uppsala, Sweden in 1996 September. The first ICA General Assembly will then be held at the time of the ICA/ASA congress in Seattle in 1998 June. The ICA meetings calendar is now being published in JASA. ICA needs a home page with links to I-INCE, and a permanent secretariat, possibly using the overcapacity of one of the European societies (e.g., SFA, IoA). A major task is to redefine the ICA mission with direct ties to the acoustical societies of the world. A draft was prepared at the Commission meeting in Antwerp last April. A letter will be sent to the acoustical societies after the IUPAP approval is received in 1996 September which will request their ICA participation and ask for fees according to the IUPAP scheme.

Comments on I-INCE/IUTAM Negotiations.

A. Lawrence feels that market forces should be operable; let the person offering the best product be the winner. C. Don, the president of the Australian Acoustical Society has assured President Lang that the AAS will withhold approval of Malcolm's proposed congress in Adelaide until after the Liverpool meeting of the I-INCE Board. T. Kihlman stated that S. Crandall is now active as the ICA liaison to IUTAM; he has seen all of the key correspondence, approves of the actions T. Kihlman and W. Lang have taken, and will be in Kyoto, Japan at the IUTAM General Assembly to support the I-INCE application for affiliate status with IUTAM. T. Embleton feels that the ICA is in a vulnerable position because the technical area profile of the IIAV is a total overlap of the ICA profile. The I-INCE Board should express concern for the ICA and cooperate with the ICA to the maximum extent possible. T. Kihlman is of the opinion that the Crocker initiative is more of a threat to I-INCE than it is to the ICA. Consider the speakers Crocker has lined up for Adelaide: Lighthill, Randall, Fahey; all dealing with the mechanical aspects of sound; the only areas that Crocker is not attempting to cover are underwater acoustics and speech. Hence, there is an almost total overlap of IIAV and I-INCE.

14. Agenda for Luncheon with Sir James Lighthill.

At the luncheon with Sir James planned for July 29, it is important to inform him that I-INCE has applied to IUTAM for affiliate status. We would like to know IIAV plans for 1998. What would be the best way to ensure coordination of venues and future dates? Then, we should discuss the overlap of technical areas by IIAV, I-INCE and ICA.

15. Sunday Evening Meeting with J. Blauert.

The Board was joined for this part of the meeting by Professor Jens Blauert, EAA Chairman. W. Lang introduced J. Tourret as the newly-appointed I-INCE Vice President

for European Affairs. J. Blauert opened the meeting by saying that EAA and I-INCE are moving in the right direction; the two organizations want to cooperate, indeed must cooperate, and in so doing respect each other's territory; for EAA, the territory is Europe; for I-INCE the territory is noise. The principal agenda item on which cooperation is important is the Euro-Noise series of symposia. J. Blauert said that Euro-Noise is an EAA symposium, and I-INCE is invited to join in. W. Lang felt that it is important for EAA and I-INCE to be equal partners in the sponsorship and organization of the Euro-Noise series; the title of the series (Euro-Noise) incorporates the territories of both EAA and I-INCE. EAA has prepared guidelines for an EAA symposium which are adapted from the guidelines prepared for a series of speech symposia in which J. Blauert has been involved. I-INCE has detailed guidelines for its INTER-NOISE series of congresses, and a policy statement concerning the Euro-Noise series. J. Blauert said that suggested changes to the EAA guidelines are welcome. W. Lang said that jointly-acceptable guidelines need to be prepared; a small task force is needed to do this with a strong editorial hand. It is necessary to blend the EAA guidelines and the I-INCE drafts together to prepare a jointly-acceptable document. After further discussion, it was decided that a joint EAA/I-INCE task force (2 persons from each organization) will be appointed. The I-INCE representatives will be B. Berry and J. Tourret. One of the EAA representatives will be Mr. Scheuren of Mueller-BBM, Munich. The other EAA representative has not yet been identified, but H. Fastl's name was mentioned by J. Blauert. B. Berry is planning a trip to Munich on September 21, and it is possible that a task force meeting can be held then. The conclusion to this part of the discussion was that Euro-Noise 98 will be organized by DEGA in Germany, possibly in 1998 March, but more likely in the Fall of 1998. Hence, it will be announced as: "An EAA and International INCE Symposium organized by DEGA." It will have an exhibition and will be on a topic of limited scope. The task force will work on the selection of the topic, the organizing committee, and the preparation of jointly-acceptable guidelines, which reflect both the EAA and I-INCE experience.

On another subject, J. Blauert informed the Board that International INCE is not democratic enough. More decisions should be made in the General Assembly, and more power should be in the hands of the General Assembly. He emphasized how important it is to have the broad support of the members.

Summary of Sunday Evening Meeting; (Discussion on Following Day).

From our discussions on Sunday evening with J. Blauert, it is unclear where the power resides in EAA. He speaks of democratic processes, and democratic controls, but who runs the organization. A. Cops said that the decisions are made by the EAA Board, and the work is done by the Managing Director. The EAA meeting in Antwerp was run by Mr. Dancer, then Managing Director. In any case, this Board through its representatives (B. Berry and J. Tourret) will cooperate with EAA on the Euro-Noise series. J. Tourret remarked that we must look beyond the next Euro-Noise in 1998, and set up a long-term relationship. J. Blauert and J. Tourret will have a preliminary talk with the EAA Managing Director, and then B. Berry and J. Tourret will meet with the Managing Director on July 31 for further preliminary discussions.

EAA is looking at the ASA model on setting up technical committees within EAA; that structure may evolve for EAA. In which case, we would be dealing with EAA's noise committee. A. Cops remarked that Acta Acustica is not of much interest to noise control engineers; the demand is for more practical articles. An approach was initially made to Applied Acoustics, but when that didn't click, EAA went to Hirzel Verlag which initially turned them down, but 12 months later came back with hat in hand, and now they have a contract for a joint venture with Acustica.

The consensus was that in the discussions with J. Blauert, he did not give very much. G. Leventhall expressed pessimism whether EAA will cooperate at all. In any case, B. Berry and J. Tourret will work on cooperation with EAA.

16. Reports on the INTER-NOISE series.

A. INTER-NOISE 96.

B. Berry reported as follows: 950 abstracts received, 800 accepted (of which 420 were invited), 678 in Proceedings and presented (600 as lectures and 78 as posters). Proceedings 3,363 pages in 6 volumes in prepacked carrier boxes weighing 5.3 kg. "Day Book" has abstracts in chronological order. 52 companies exhibiting, about 200 personnel. 835 pre-registered delegates, 130 accompanying persons, about 1200 total. The three largest contingents were from the USA, Japan and UK. 42 countries in all. W. Lang complimented the IoA on its excellent program to educate public officials, but wondered why they are not coming in droves. B. Berry replied that he is disappointed in the UK contingent; its size is partly due to price, and partly due to the image of the city of Liverpool. There were dozens of inquiries about one day registrations. W. Lang mentioned that this a problem that has never been satisfactorily solved. IoA was glad that the hotel reservations were in a single data base under IoA control, although there was lots of work to accomplish it.

B. INTER-NOISE 97.

A. Illenyi and A. Kotschy submitted a written version of their report which is *Attachment 12*. The exhibition will be located in a high-traffic area with coffee breaks in this area. The main hall with about 600 seats may be too small for the opening plenary; they are trying to find another larger auditorium. The room for the Closing Ceremony with 260 seats is adequate. The building is ideal for posters which can be left up most of the time; more poster sessions are encouraged. The Hungarian forint is not yet convertible, but payment can be in DM or USD. The hotel prices arranged through the congress will be lower than the prices posted in the rooms (Kotschy promised the Board on this!). The estimated accompanying person's registration fee at USD 160 is too high; a much lower fee (say USD 30) could include only the opening and closing receptions and a city orientation tour, and other features would be add-ons to the basic fee. The registration fee for INTER-NOISE 97 will be in the vicinity of USD 400 (the President suggested USD 395) and the registration fee for ACTIVE 97 will be about USD 340, or both

for USD \$650. These include the opening and closing receptions, lunches, proceedings, exhibition and all technical sessions. The banquet will be extra. Expect about 300 participants for ACTIVE 97. Investigate the possibility in a capital city of offering a bulk registration fee to government agencies and other organizations (say, 50% off for more than x delegates with a single payment). It is important to have lower fees for students, delegates from Eastern Europe, and possibly local officials and town planners; USD 250, USD 200 and USD 400 were suggested. Student rates are hard to enforce; perhaps say students must be under 25 years of age, and show proof of date of birth. A. Kotschy noted that Budapest is an expensive city, but the organizing committee will do everything possible to keep the costs down for the participants. While expensive, Budapest offers many opportunities not found elsewhere. B. Berry suggested that discrete events be identified that can be sponsored (e.g., opening plenary session). On air travel, the national carrier is not much interested, nor is British Airways. The organizers will likely go to a tour operator. The USD 5000 requested by the Hungarian organizing committee is discussed under items 11.D and 22 of the agenda.

C. INTER-NOISE 98.

C. Day presented an overview, a table of committee members and tasks, company incorporation, draft of announcement and call for papers, and preliminary budget (*Attachment 13*). INTER-NOISE 98 will be held in Christchurch, South Island, New Zealand, Monday-Wednesday, 1998 November 16-18, to be followed by a Symposium on Recreational Noise in Queenstown on Friday, November 20, to be followed by the 5-day ICBEN congress in Sydney, Australia, starting on Monday, November 23. Planning is on schedule. The potential time conflict with IIAV in Adelaide appears to have been resolved. The principal hotel in Christchurch is the Park Royal. The budget is based on 500 expected delegates and 325 minimum. It was suggested that the banquet be taken out of the budget (as far as being included in the registration fee is concerned) and the break-even figure be placed at 325 delegates. The will bring the estimated registration fee well below USD 500. W. Lang suggested a large delta between early registration (at the time that manuscripts are submitted) and late registration (at the door).

18. Discussion after luncheon with Sir James.

The members of the Board were joined by Sir James Lighthill (IIAV President), David Newland (IIAV Vice President), Jens Blauert (EAA Chairman), Lou Sutherland (1995 INCE/USA President), Charles Don (AAS President) and Chris Day (I-N 98 Organizing Committee).

D. Newland said: "IIAV is a non-profit organization, Crocker is not IIAV, he is the Executive Director, Lighthill is the President, Newland is a Vice President, and Crocker works for us." He continued that it should be made very clear that IIAV is a non-profit society incorporated in the USA with a president, two VPs and an international Board (15 members from around the world). It is not Crocker's organization, and it is not supporting a single individual.

Sir J. Lighthill said that he wants a spirit of cooperation. We have had that cooperation in the past, e.g., shifted the 3rd congress from Florida to Montreal, and now have responded to the INTER-NOISE 98 problem by shifting Adelaide to 1997 December. He said there is something special about IIAV and the support it has given to people of the former Soviet Union: St. Petersburg (1993), Montreal (1994) and again St. Petersburg (1996). He doesn't want to trespass on noise control which is "being done superbly well by International INCE," but he wants to cover other areas of acoustics. IIAV has individual members (150 now) and cooperating member societies (6 or 9?) and is growing fast. It is very important for individual members to be involved in an international organization. IIAV is planning a symposium on a specialized topic in India in 1998 and a 6th congress in 1999. (There was a discussion of dates/scheduling in 1999: ASA/EAA in March; SAE Noise & Vibration in May; I-N 99 probably in December; so IIAV during the summer is quite acceptable.) Sir J. Lighthill said that the IIAV print refereed journal, desktop published at Ivanov's institute in St. Petersburg, will appear later this year. It will be titled the IIAV Journal; it is an expansion of Noise Abstracts and Reviews; it will be published in English and Hanno Heller will be the Editor-in-Chief. Sir J. Lighthill traced his personal involvement with IUPAP since 1968. He said that D. Newland would speak about vibrations, but he added that he wants IIAV to concentrate on the mechanics aspects of acoustics and vibrations. While involved with IUPAP, he was behind a cooperative effort with IUTAM in Göttingen on flow noise, and at least one other symposium. Many others in IUTAM recognize the importance of acoustics in mechanics, i.e., the fluid mechanics/solid mechanics interests. He noted that the largest INTER-NOISE is here in Liverpool, and obviously St. Petersburg did not have a negative influence on this congress. He did apologize to IoA President Burd for the scheduling conflict, but it didn't do harm. IIAV is sensitive to criticism. You suggested that IIAV 5th congress not be held in Adelaide as it could be seen as a threat to I-N in New Zealand, so we moved it to 1997. It will not clash with noise control engineering; it will not be the same as an INTER-NOISE. More mechanics, fewer physical papers. The important point is that the world needs more than one organization.

W. Lang mentioned the following model. In the USA, ASME competes with ASA & INCE/USA for dominance in acoustics and vibrations. Now, on the international scene, IIAV intends to compete with ICA & I-INCE for dominance. In the USA, there are almost no communications between ASME on the one hand and ASA & INCE/USA on the other hand. There are good communications between ASA and INCE/USA. We are here in Liverpool on July 29 to see if we can establish communications between IIAV and ICA & I-INCE. W. Lang informed Sir J. Lighthill and D. Newland that to increase international cooperation, I-INCE has applied to IUTAM for recognition as an affiliated organization. Sir J. Lighthill said that he is glad to have I-INCE join IUTAM.

D. Newland agreed with the ASME/IIAV analogy, but pointed out that ASME is different from ASA; there are different people involved. Acoustics is too important a field to be left in the hands of the acousticians. Mechanical engineers have a vital interest in acoustics also. He sketched the ASME program in acoustics and vibration, mentioned the Design Engineering Division and its biannual conference (next one in Sacramento) and how important this is to the applied mechanics people. And all this good work is published in the ASME journals. Then he mentioned IUTAM; next month's congress (in Kyoto) will

cover all of engineering vibrations, as distinct from air-borne acoustics; the emphasis will not be on noise control. IIAV will operate in an interactive manner, both nationally and internationally; presumably, he meant between individuals and with member societies, using e-mail interactively.

B. Bernhard commented on ASME's involvement in acoustics. Of the 38 ASME divisions, 20 or more have vibrations and acoustics in their scopes. In 1981, the Noise Control and Acoustics Division was formed. The ASME Journal of Vibrations and Acoustics accepts papers from all divisions, about one-quarter of them come from NCAD.

W. Lang read from the IIAV Fifth Congress brochure the areas of interest to be covered by the congress, starting with "active noise control" and ending with "wavelet analysis," effectively all of the areas covered by the ICA and I-INCE. He asked Sir J. Lighthill how he rationalized this list of topics with his previous statements of trying to avoid noise control engineering and not wishing to compete with ICA and I-INCE. Sir J. Lighthill replied that indeed the list from the brochure did represent all topics in the IIAV sphere of interest, and that competition would benefit the consumer. Consumers would have the possibility of choice. D. Newland attempted to soften the reply by pointing out that it was a question of emphasis. All of the topics would be covered from the mechanics/vibrations viewpoint.

T. Kihlman feels that IIAV and ICA/I-INCE are working in exactly the same area. This means a further fragmentation of the field, the individual will have to attend more meetings, and maintain more society memberships. The ideas presented in one forum and criticized there, don't get to the audience in the other forum. The meeting with Sir J. Lighthill and D. Newland concluded amicably. Following their departure, there was additional discussion.

J. Blauert felt we have had an open discussion, but it is clear that IIAV is attempting to cover the core of acoustics. It boils down to a question of competition or collaboration, one or the other. Sir J. Lighthill wants to compete. Competition means trouble in Europe. J. Blauert feels we can't collaborate with him. He is not against competition, but IIAV will commercialize the market with their cheap journal. He is going to fight and will discourage the EAA societies from collaborating. T. Kihlman is very concerned and is somewhat pessimistic. We can only lose, and they can only win. The one-for-one overlap with IIAV should be explained to IUTAM. B. Berry noted that they will attempt to fill vacuums that we are not filling; obviously, we must take steps to avoid creating vacuums. A. Lawrence, commenting on the situation in Australia, notes that the national meeting will be moved to coincide with the IIAV in Adelaide. This is a difficult situation to avoid.

J. Tourret feels that the situation with IIAV is dangerous. There will be big mailing campaigns for IIAV meetings, and flattering letters written to many young acousticians. Can I-INCE take steps to attract the new generation of younger acousticians? I-INCE should focus on advanced topics, e.g. sound quality, software for noise control, etc. He suggests more specialized meetings to promote INCE subjects. Even at I-N Congresses, the titles are too broad; should be narrower, more focused. In this connection, it was

moved and approved that ACTIVE 97 be identified as an International INCE Symposium.

19. **Revision and Updating of I-INCE By-Laws.**

The By-Laws are now 10 years old. A task team consisting of T. Embleton and W. Lang will draft new clauses relating to the three vice presidents for Europe, Pan America and Asia Pacific, including their duties, and consideration of the dues structure. Other clauses will be updated as necessary. The draft of the revised By-Laws will be distributed prior to the next meeting of the Board. Written comments will be requested.

20. **I-INCE Symposia.**

The suggestion was made that a symposium on sound quality be considered either as part of N-C 98 in the Detroit area, or as a symposium separate from N-C 98, but held in conjunction with N-C 98. The latter would be expected to attract more outside people. A. Marsh was requested to review the procedures document for I-INCE symposia.

21. **Instructions to I-INCE Council.**

The Council consists of the chairs of the four I-INCE Working Parties already in existence, three regional representatives (Dickinson, Kihlman, Tichy), the President and the Secretary General. There was an insufficient response to the notices in NNI to establish two new Working Parties on Building Envelopes and Consumer Information. Report the lack of response to the Council, suggest bringing matter to the General Assembly; ask General Assembly either to show interest, or terminate the effort to establish the Working Parties. At General Assembly, ask how many offprints of the first Working Party report each Member Society needs. Ask Member Societies for an address list of their government departments to which copies should be sent, with a forwarding letter from the I-INCE President. It was agreed that the best way to handle these requests is to prepare a questionnaire on a range of subjects.

22. **Loan to INTER-NOISE 97 Organizing Committee.**

The Hungarians have requested USD 5000 seed money to meet up-front expenses for INTER-NOISE 97. It was pointed out that the agreement between F. Ingerslev and the Hungarian Commission was that they would deposit their annual CHF 300 dues in a Hungarian forint account which could be used for I-INCE purposes in Hungary. W. Lang released this account to the Hungarians for their purposes in conjunction with INTER-NOISE 97, but they report that there is only the equivalent of USD 1800 in the account, and they need more. It was further pointed out that the Hungarians have not submitted a budget for INTER-NOISE 97. It was then moved and approved that, after receipt of a detailed budget for INTER-NOISE 97, with indication on the budget where the funds will be spent, USD 5000 will be loaned to the Hungarian organizing committee. The motion stipulated that the loan be returned in USD, together with the USD 10/registered delegate to support NNI. The Hungarians should be advised that the USD 5000 should go into a dollar account, from which withdrawals are to be made only as

needed, and that the registrations from hard-currency countries be placed in this same account, so that USD can be withdrawn to repay the loan and the subvention.

23. **Closing of the Meeting.** The meeting was adjourned at 17.00 hours on July 29.

Respectfully submitted,

William W. Lang, President

INTERNATIONAL INCE POLICY STATEMENT
SPONSORSHIP OF EURO-NOISE CONFERENCES

CONCEPT

The first Euro-Noise conference (Euro-Noise 92) was held in London and was organized by the Institute of Acoustics (U.K.). There appears to be a need for a series of Euro-Noise conferences, and International INCE has been requested to be "associated with" the next conference in the series. For this reason, a policy is needed to define the conditions under which the Institute will act as a co-sponsor of a Euro-Noise conference.

POLICY (Date of approval by I-INCE Board)

International INCE will agree to act as co-sponsor of a Euro-Noise conference under the following concitions:

- o The primary sponsor (organizer) is an I-INCE Member Society.
- o In addition to the primary sponsor (organizer), there are no more than two principal co-sponsors (I-INCE and EAA).
- o The I-INCE Board of Directors is represented on the organizing committee for the conference.
- o The theme of the conference is focused on a specialized topic within the broad field of noise control engineering.
- o Efforts will be made to maintain the narrow focus by rejecting abstracts that are proposed on subjects outside the special topic.
- o The principal language of the conference is English.
- o The Euro-Noise conference is, in priciple, held in those years when the INTER-NOISE Congress is not held either in Europe or in North America.
- o Any partial responsibility for finances can only be assumed by I-INCE following review and approval by the I-INCE Board.

NATIONAL PHYSICAL LABORATORY

Audiometric and Noise Standards Section
 Acoustics Branch
 Division of Radiation Science and Acoustics
 Queens Road
 Teddington
 Middlesex TW11 0LW, United Kingdom

FAX No. 0181 943 6217.

International Fax 44 181 943 6217

TO : Professor W Lang

Fax:

FROM: Bernard F Berry
 Head of Section

☐ Direct line: 0181 943 6215
 ☐ Divisional Office : 0181 943 6516
 ☐ Acoustics Branch Secretary: 0181 943 6681
 ☐ NPL Switchboard : 0181 977 3222
 Email bfb@newton.npl.co.uk

REF.

Number of pages 1

Date. 22 August 1995

MESSAGE.*Dear Bill**International Institute of Acoustics etc etc**I am sorry I have not had chance until now to respond to your fax of 17 August.**I agree we should act quickly.**It seemed to me that the Crocker "Institute" was duplicating what I thought the International Commission on Acoustics was supposed to do.**I do not know how the ICA functions in terms of regular communications with member bodies, but we need to explore ways of bringing the real background of the new Institute to the attention of the right people.**I copied the details to Chris Rice who was the IoA representative at the last meeting of the ICA committee in Trondheim, but I have had no response.**Whatever happens re the ICA, perhaps IINCE should send a note to all member societies discouraging corporate participation and asking them to discourage individual participation.**There is also the possibility of contacting the named individual board members and giving them the inside story on Crocker's previous activities.**Regards Bernard.*

31 JUL '85 13:15 FROM RAF HMt HALTON

ATTACHMENT 3

INTERNATIONAL INSTITUTE OF ACOUSTICS AND VIBRATION

Sir James Lighthill, President, IIAV
Department of Mathematics
University College London
Gower Street, London WC1E 6BT, England

Malcolm J. Crocker
Executive Director, IIAV
Dept. of Mech. Engineering, 202 Ross Hall
Auburn University, AL 36849-5341, USA

PRESIDENT

Sir James Lighthill
University College, London
ENGLAND

R. Weston
RAF ICOM
RAF Halton
Aylesbury HP22 5PG, ENGLAND

VICE-PRESIDENT

Hanno Meier
DLR Braunschweig,
GERMANY

July 18, 1995

VICE-PRESIDENT

David G. Howland
The University of Cambridge
Cambridge, UNITED KINGDOM

Dear Mr. Weston:

EXECUTIVE DIRECTOR

Malcolm J. Crocker
Auburn University, Auburn
USA

We are pleased to inform you of the formation of the International Institute of Acoustics and Vibration (IIAV). The IIAV is a non-profit international professional society which has been formed for the purpose of providing an international forum for advancing the science and application of acoustics and vibration. The initial officers and directors are shown who will serve until the first election. Membership is open to *qualified individuals from all countries*. In addition professional societies with an interest in acoustics and/or vibration may join as Cooperating Member Societies.

BOARD OF DIRECTORS

Dianchi Chen
Jiao Tong University, Shanghai
CHINA

It is a great pleasure on behalf of the Board of Directors to invite you to become a member of the IIAV. Individual members of IIAV shall receive the Institute publications which will be of electronic and conventional format and also have the possibility to attend the congresses and other meetings arranged or supported by the Institute. More details are found on the enclosed sheet.

Jean L. Guyader
INSA de Lyon, Lyon,
FRANCE

Colin H. Hansen
The University of Adelaide
Adelaide, AUSTRALIA

We should also like to bring to your attention the Fourth International Congress on Sound and Vibration to be held in St. Petersburg, Russia, June 24-27, 1996. The Fourth Congress will be the first congress held with the support of the IIAV and we should like to encourage you to participate and present a paper on *Sound and Vibration Measurements*. Please see the enclosed announcement and send a 200 word abstract to Malcolm Crocker at the address in the USA below if you are interested.

Peter Jacobsen
Technical University of Denmark
Lyngby, DENMARK

G. Kinnappa
National Research Council
Ottawa, CANADA

Martin V. Lowson
University of Bristol, Bristol
UNITED KINGDOM

** or a topic of more interest to you.*

Sincerely

James Lighthill

Sir James Lighthill
President

Malcolm J. Crocker

Malcolm J. Crocker
Executive Director

Leonid M. Lyubshov
Academy of Sciences, Moscow
RUSSIA

Shiro Matsuno
Kobe University, Osaka
JAPAN

M.L. Murty
Indian Institute of Science,
Bangalore, INDIA

Michael A. Norton
University of Western Australia
AUSTRALIA

Mitsuo Ono
Fukuoka University
Fukuoka City, JAPAN

Andrew P. Seybert
University of Kentucky, Lexington
USA

Jan W. Verheij
TNO, Delft
THE NETHERLANDS

Reply to: Malcolm J. Crocker, Executive Director, IIAV, Dept. of Mechanical Engineering, 202 Ross Hall, Auburn University, AL 36849-5341, USA. (FAX: 334-844-3306)

THE INTERNATIONAL INSTITUTE OF ACOUSTICS AND VIBRATION

President: Sir James Lighthill Vice Presidents Hanno Heller and David Newland

The International Institute of Acoustics and Vibration (IIAV) is a non-profit scientific society whose membership is open to *qualified individuals in all countries*. It was incorporated in June 1995.

Purposes

The main purpose of the Institute is to create an international forum for advancing the science and application of acoustics and vibration. To this end the Institute shall create and sustain an international scientific society that is responsive to the needs of scientists and engineers in all countries whose primary interests are in the fields of acoustics and vibration. The Institute shall cooperate with scientific societies in all countries and with other international organizations with the aim of increasing information exchange. Some of the means of providing information exchange for members include sponsoring, cosponsoring or supporting seminars, workshops, congresses and publishing or providing journals or other publications for members. Initially the Institute will provide an electronic International Sound and Vibration Digest (ISVD) for members and also beginning in 1996 a paper refereed journal. Later it is expected to make wide use of electronic and CD-ROM capabilities to provide timely abstracting and networking services to members.

Membership

There shall be six classifications of membership in the Institute including: Fellow, Member, Associate, Student Member, Emeritus Member, and Honorary Fellow. All memberships entitle a member to receive the publications of the Institute and to attend Institute meetings. Those entitled to vote at Institute meetings are restricted to Fellows, Members and Emeritus Members. Fellows, Members, Emeritus Members and Honorary Fellows are eligible to hold office. Membership as *Member* is open to all those who have at least a baccalaureate degree or its equivalent from an accredited institution and who are employed or have been employed in an activity related to acoustics and/or vibration. Membership as *Associate* is open to all persons who wish to support and promote the activities of the Institute, but who do not meet the criteria for membership as *Member*.

Dues

The annual membership dues will be determined by the Board of Directors. The membership year shall normally be twelve months from the first of January each year. The membership dues have been set initially at \$80 per year. Membership dues for those from some countries will be set at a lower rate. Members will begin receiving the electronic ISVD immediately on joining the Institute and the journal early in 1996. Those who join before 1 January 1996 shall not be required to pay the second year dues until 1 January 1997.

Officers and Directors

The officers of the Institute shall be the President, the President-Elect, the Immediate Past President, the Vice President for Professional Relations, the Vice President for Communications, the Secretary and

Treasurer. The President, President-Elect and Immediate Past President shall hold office for two years. The other officers shall hold office for four years. There shall be 15 directors of the Institute. They shall hold office for four years. Five new directors shall be elected at each election. The officers and directors shall be elected by the members of the Institute. The first election shall be conducted after the total membership of the Institute exceeds 100 members.

Cooperating Scientific Societies

The Institute recognizes that many scientific societies with interests in acoustics and/or vibration exist in different countries. It is not the purpose of the Institute to replace or compete with these societies but rather to supplement their activities and to cooperate with them for the good of scientists and engineers throughout the world. To that end, existing scientific societies will be encouraged to cooperate with the Institute and to join as cooperating member societies. Representatives of the cooperating scientific societies will be invited to attend the annual meetings of the Institute.

Executive Director

The Executive Director shall be employed by the Institute and shall work closely with the President, the officers and the Executive Committee. The Executive Director may or may not hold membership in the Institute. The duties of the Executive Director shall include management of the Secretariat Office and implementation, as instructed by the Executive Committee, of policies and programs determined by the needs of the membership.

Membership Application Form

1) NAME _____ Application for: Member ☐
Associate ☐

2) ADDRESS _____

3) DEGREES _____
(Institutions and dates)

4) EMPLOYMENT _____
(with dates)

5) SIGNATURE & DATE _____

6) DUES ENCLOSED ☐ Yes ☐ No

Please send dues by cheque in US dollars drawn on a US bank.

Please return this form to Dr. Malcolm J. Crocker, Executive Director, Secretariat Office IIAV, Dept. Mech. Eng., 201 Ross Hall, Auburn University, AL 36949, USA. (Tel: 334-844-3310, FAX: 334-844-3306)

International Commission on Acoustics

ATTACHMENT 4

Tor Kihlman
Chairman

Göteborg September 12, 1995

Dear Colleagues in Acoustics

This letter is sent to the presidents of regional and international acoustic associations as well as to the Acoustical Society of America.

The International Commission on Acoustics, ICA, was established in 1951. Being a subcommittee to the International Union for Pure and Applied Physics, IUPAP, the ICA has its mandate from the scientific community. Its mission is to promote international development and collaboration in all fields of acoustics including the promotion of research and development, education and standardization.

Through the years the Commission's principal activity has been to arrange the International Congresses on Acoustics every third year. Fifteen such general international congresses have now been held in locations spread all over the globe. In addition the Commission has sponsored a large number of specialized international conferences and seminars.

A number of initiatives are currently in progress to enable the Commission to better serve the world's acoustics community.

To help the coordination of major international meetings in acoustics, the Commission's meeting calendar will be published in the Journal of the Acoustical Society of America. The number of conferences is already so large that coordination is urgent to avoid conflicts which, in the long run, is disruptive to all of us. The Commission therefore intends to be pro-active in this coordination.

The next main ICA congress will be held in Seattle, USA, in June 1998, as a joint meeting with the Acoustical Society of America.

To improve the flow of information on acoustical activities, education opportunities, etc., we are broadening the Commission's contacts with the national acoustical societies through the various regional and specialist organisations, and expect to invite these organisations to have direct representation on the Commission.

Recently, a new organisation called the International Institute of Acoustics and Vibration, IIAV, with Professor Malcolm Crocker as Executive Director, has been established. The new organisation proposes to have individual members as well as cooperating member societies, to support Prof. Crocker's biennial congresses on sound and vibration, and to publish a paper-refereed journal. I have been in contact with Prof Crocker in order to obtain more information on this new organisation but have not obtained a complete answer to my questions. The mission of IIAV seems to parallel that of ICA. In his reply to me on that issue, Prof. Crocker writes "The scope and purposes of IIAV are somewhat different from that of ICA...." In my opinion, which is shared by the Commission, this raises several important questions for the world's acoustics community.

Do we need an additional international congress on acoustics to supplement those we already have? Do we need another refereed journal of acoustics? Do we need an international society with subscribing members to supplement the organisations we already have? Is it advantageous to the world's acoustics community to have another international organisation with a scope similar to that of the ICA?

Let me also take this opportunity to invite any other comments that you may have for the ICA.

I ask for your advice and counsel on these very important questions.

A handwritten signature in dark ink, appearing to read 'Tor Kihlman', with a stylized, flowing script.

Tor Kihlman

International Commission on Acoustics

ATTACHMENT 5

Tor Kihlman
Chairman

Göteborg September 12, 1995

Dr. William W. Lang, President
International INCE
P.O. Box 3067 Arlington Branch
Poughkeepsie
NY 12603
U.S.A.

Dear Mr. President:

The formation of a new international organisation has recently been announced by Professor Malcolm Crocker. The proposed mission of his organisation parallels that of the International Commission on Acoustics.

I have studied the implications of the formation of this new organisation and have prepared the attached letter addressed to the presidents of regional and international acoustics associations. In my opinion, the implications are negative. The new organisation should not be considered in a favorable light, and a strenuous effort should be made to make the member societies of your organisation aware of this position.

In particular, I recommend that:

- the individual members of your member societies be discouraged from joining the new international organisation, and
- your member societies decline the invitation to become "cooperating member societies" of the new organisation.

You may wish to encourage the individual members of your member societies to support INTER-NOISE 96 instead of the competing international congress one month earlier in St. Petersburg, Russia.

Sincerely yours,



Tor Kihlman

95 SEP 18

ATTACHMENT 6

INTERNATIONAL INSTITUTE OF NOISE CONTROL ENGINEERING

William W. Lang, President FAX: +1 914 473 9325

P.O. Box 3067, Arlington Branch, Poughkeepsie, NY 12603, U.S.A. - Tel. +1 914 471 5493

FAX TO: Secretariats,
I-INCE Member Societies


Attached are copies of two letters received from the Chairman of the International Commission on Acoustics (Attachments 1 and 2). I have circulated these letters to the members of the International INCE Board of Directors and asked for their opinions.

I am pleased to inform you that the I-INCE Board is totally supportive of the International Commission on Acoustics, and has responded negatively to each of the important questions posed at the end of Professor Kihlman's second letter. The Board feels that the work of the ICA should be strongly supported and that the proposed programs of the new organization (IIAV) are counter-productive and divisive. A summary concerning IIAV taken from the announcements circulated by the new organization is to be found in Attachment 3.

The Board strongly recommends that:

- the secretariats of the I-INCE Member Societies inform the executive officers of their societies of the contents of this fax as soon as possible, for further dissemination to the individual members,
- the individual members of the I-INCE Member Societies be encouraged to participate at INTER-NOISE 96 which will be held in Liverpool, U.K. during 1996 July 30-August 2; the deadline for the receipt of abstracts is 1995 December 1,
- the individual members of the I-INCE Member Societies be discouraged from participating in the International Congress on Sound and Vibration which is scheduled to be held in St. Petersburg, Russia during 1996 June 24-27,
- the individual members of the I-INCE Member Societies be discouraged from joining the new international organization, and
- the executive bodies of the I-INCE Member Societies decline any invitation to become "cooperating member societies" of the new organization.

Please do not hesitate to contact me by return fax or letter if you have any questions on this very important matter.


William W. Lang, President

INFORMATION ON THE INTERNATIONAL INSTITUTE OF ACOUSTICS AND
VIBRATION FURNISHED BY THE ORGANIZATION

"The International Institute of Acoustics and Vibration (IIAV) is a non-profit scientific society whose membership is open to qualified individuals in all countries. In addition professional societies with an interest in acoustics and/or vibration may join as cooperating member societies. IIAV was incorporated in June 1995. The Executive Director is Malcolm J. Crocker."

"The initial officers are: Sir J. Lighthill, President; H. Heller and D.E. Newland, Vice Presidents. The initial directors are: D. Chen, J.L. Guyader, C.H. Hansen, F. Jacobsen, G. Krishnappa, M.V. Lowson, L.M. Lyamshev, Z. Maekawa, M.L. Munjal, M.P. Norton, M. Ohta, A.P. Seybert and J.W. Verheij."

"The Institute shall create and sustain an international scientific society that is responsive to the needs of scientists and engineers in all countries whose primary interests are in the fields of acoustics and vibrations. Some of the means of providing information exchange for members include sponsoring, cosponsoring or supporting seminars, workshops, congresses and publishing or providing journals... beginning in 1996 a paper refereed journal."

"The Fourth International Congress on Sound and Vibration to be held in St. Petersburg, Russia, June 24-27, 1996... will be the first congress held with the support of the IIAV."

(The above quotations are excerpted from information furnished by Professor Crocker on 1995-07-18.)

Fax No:

To: PRESIDENT LANG (INCE)

Date 20/12/95

From: PRESIDENT BURD (IOA)

Job: IOA

SBA Job No:

Subject IIAV

Section:

No. of pages: 2

Copies: B Berry,

Dear Bill,

I can't possibly keep up the President thing so I hope you agree to first name terms.

I was sorry to learn from your fax that Bernard had succumbed to the flu; however, this morning I have spoken to him and he has recovered sufficiently to return to work. His attempts to fax to me copies of your e-mails were eventually successful so no more copies are needed.

I would guess that the copy of Sir James Lighthill's letter in the possession of the ASA President probably came through Malcolm Crocker to whom Sir James would undoubtedly have copied his letter. It seems unlikely to me that anyone from our Council had the necessary contacts to have led them to forward the letter. I do not feel at liberty to send you a copy in order that you can refute the contents. However, I will reiterate some of the main points made in what I, and the members of my Council, felt to be a most convincing presentation.

Sir James has played an active role in assuring collaboration between IUTAM and IUPAP in the field of acoustics for a period of over thirty years, during which time he has been for 24 years on the Bureau (IUTAM governing body) and for four years the President. He speaks, therefore, as one with an intimate knowledge of both organisations.

The collaboration has had its fruitful periods but of late it has been felt by the "mechanics" members that their interests were no longer being adequately covered by the International Commission on Acoustics.

We are told that IIAV from its inception had been planned as a globally international organisation with an emphasis on the mechanics aspects of acoustics and vibration. It was, therefore, suitable for affiliation to IUTAM to join an impressive list of existing bodies and such an affiliation is now well advanced.

We are assured that there is a wide community of people engaged in mechanics aspects of acoustics and vibration which also feels that their interests are not catered for by INCE. This is not surprising since such interests do not represent the main aims of the organisation.

Sir James does deeply regret the clash between the IIAV meeting in St Petersburg and the Liverpool Internoise conference and assures us that strong efforts to avoid such clashes will be made in future.

The above represents only a small part of a very full and coherent response to my letter to Sir James. I felt that it fully vindicated his decision to become the President of IIAV and that IIAV has now achieved respectability by its acceptance as an affiliate of IUTAM.

Of course, I accept that it may not represent the whole story and that there may be additional factors in the development of the present situation which neither Sir James nor the members of the IOA Council are aware.

During the same meeting of our Council we considered a proposal set before us for the formation of a European division of International INCE. No views were expressed in favour of such an action and for the present it rests that I will contact Professor Zaccariah to discuss our views about the future of Euro-noise.

Thank you for your good wishes for Christmas and the New Year. I trust that you also will enjoy the festive season and I look forward to meeting you in July/August at what seems set to be a most successful conference.

Regards



Alex Burd

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Page 3

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SANFAXS25 series

ATTACHMENT 8

CONFIDENTIAL



Department of Mathematics
University College London
Gower Street London WC1E 6BT
Telephone 0171-387 7050
Facsimile 0171-383 5519

[copy for your information, Melvin — [Signature] 25 Oct 95]

25 October 1995

The President,
Institute of Acoustics,
Agriculture House,
5 Holywell Hill,
ST. ALBANS,
Herts. AL1 1EU.

My Dear President,

International Institute of Acoustics and Vibration (IIAV)

Thank you very much for your letter of 10 October which I have just received after a short period of absence from London. I do most highly value my honorary fellowship of the Institute of Acoustics, and this causes me to wish to give a very full reply to such an important letter from its distinguished President.

Indeed, I need to preface everything that I wish to say about IIAV with a heartfelt acknowledgement of the extreme importance of all the activities of IOA within the United Kingdom. For the whole of British acoustics, IOA fulfils a role of the very greatest significance by offering acousticians throughout the UK an invaluable forum for interchange of views within their subject through all its publications, and through all of the excellent meetings which IOA organises, and in many other ways. The essential role of national societies of high quality in the field of acoustics, like IOA, cannot be overemphasized.

At the same time, the inherently international character of the subject needs to be stressed as well. Advances in acoustical science, and in engineering aspects of sound and vibration, occur in a highly interactive way all over the globe, and anxieties related to all the environmental aspects of acoustics are keenly felt worldwide and increasingly need to be addressed from a global perspective. Indeed it is evident from your letter that IOA recognizes the need for fully international organisations to be active in promoting acoustics and vibration.

- 2 -

The President, Institute of Acoustics.

Within the framework of the International Council of Scientific Unions (ICSU), there are above all two Scientific Unions of "the ICSU family" which have very strong interests in acoustics and vibration. They are the International Union of Pure and Applied Physics (IUPAP) and the International Union of Theoretical and Applied Mechanics (IUTAM).

Up to the present, it has been IUPAP which in the main took international initiatives in promoting acoustics, through its triennial International Congresses of Acoustics. These are organised by one of IUPAP's Commissions: the International Commission on Acoustics (ICA). Essentially, ICA produces an output every three years, in the form of a Congress (often accompanied by one or two associated "satellite symposia").

In the meantime, IUTAM continued to feel very strong interests in acoustics and vibration; and yet made a conscientious effort to proceed in these fields with, as far as possible, an approach fully harmonized to that of ICA. During my long period (1968-92) as a member of IUTAM's executive body (the Bureau), including 4 recent years (1984-88) as President of this important International Union I have been aware at close quarters of that conscientious effort.

Above all, it took the form of a IUTAM nominee being appointed as an associate member of ICA, permitted to attend meetings and to speak although not to vote. For about 3 decades I was the IUTAM representative on ICA, and have tried as far as possible to use that position to influence the policies of ICA in such a way that "mechanics" aspects of the field are properly taken into account.

For a time (particularly, during the period when ICA was presided over by Edgar Shaw and by Bob Beyer) some really useful collaboration was agreed. Exceptionally, two specialised meetings were arranged otherwise than in connection with the triennial Acoustics Congresses. They were organised jointly by IUTAM and ICA although most of the organisational effort (and of the funding) was provided by IUTAM. They included the IUTAM/ICA Symposium on Mechanics of Sound Generation in Flows (Göttingen, 1979) and the IUTAM/ICA Symposium on Mechanics of Hearing (Delft, 1983).

Later, however, it seemed increasingly difficult to promote strong ICA interest in the potential IUTAM contribution to their field. In the meantime, there was some falling-off in the quality of the actual Congresses organised by ICA.

I did myself attend the recent Congress in Trondheim, Norway (26-30 June, 1995); and, even though there were some good individual lectures, I concluded that the Congress fell far short of what ought to be expected from a comprehensive global meeting in the field of Acoustics. Indeed, because attendance from all over the world barely exceeded 600, the Congress made a serious deficit, and many participants expressed views to the effect that the organisation left a lot to be desired. Much criticism has also been heard about the content of the Beijing Congress (September 1992).

- 3 -

The President, Institute of Acoustics.

In the meantime, IUTAM's strong interest in mechanics aspects of acoustics and vibration was growing even stronger. To a smaller and smaller extent, therefore, IUTAM could consider that the inclusion of a IUTAM representative as an associate member of the International Commission on Acoustics constitutes an adequate method of ensuring a proper mechanics input into the work of ICA.

In all other specialist areas related to Theoretical and Applied Mechanics, IUTAM interacts with such areas through specialised international organisations affiliated to IUTAM. These include the International Centre of Heat and Mass Transfer, the International Committee on Rheology, the International Association for Vehicle System Dynamics, the International Society for the Interaction of Mechanics and Mathematics, the International Congress on Fracture, the International Congress on Mechanical Behaviour of Materials, the International Association for Computational Techniques and the International Association for Boundary Element Methods. Moreover, IIAV from its inception has been planned as a new, globally international organisation which, because of its emphasis on the mechanics aspects of acoustics and vibration, would be suitable for addition to this list of specialist international organisations affiliated to IUTAM.

This specific suggestion was discussed at the latest IUTAM General Assembly (Amsterdam, August 1994). The General Assembly voted unanimously in favour of an appropriately detailed proposal for affiliation of IIAV to IUTAM being presented to the 1995 meeting of the IUTAM Bureau (Vienna, September 1995). Such consideration could then lead to a substantive motion for affiliation being put to the next IUTAM General Assembly (Kyoto, 1996) with a recommendation for acceptance from the Bureau.

Against all of the above background I am delighted to report that the Bureau received the formal application from IIAV last month. Furthermore (and here I quote from the official Minutes of the Bureau meeting) the IUTAM Bureau "unanimously affirmed" (of IIAV) "to the forthcoming General Assembly".

In consequence, IIAV may be expected to become firmly rooted within the general field of Theoretical and Applied Mechanics. At the same time its globally international nature will be re-emphasized.

An important special feature of IIAV, and one which makes it a little unusual among international organisations, is the availability of individual membership. Many acousticians have welcomed this feature as one which will tend to involve them ever more intimately in the work of the International Institute. I personally see it as a really valuable new development.

I hope that I have sufficiently explained why there exists a separate role for IIAV, different from the role which has long been played by ICA. But I must address also the matters raised in your letter about INCE. This, of course, has to be recognised as offering an invaluable service to that entire worldwide industry which includes above all the firms concerned with noise control engineering. It does an excellent job for them.

The President, Institute of Acoustics.

At the same time, a wider community of people engaged in mechanics aspects of acoustics and vibration, including scientists and engineers within academic institutions, does have a certain feeling that their interests are not fully catered for by INCE. This is not meant as a criticism of INCE, merely as a description of the perceptions of the group of people which I have described.

For these reasons I feel that the sometimes heated arguments against the development of IIAV employed by officers of INCE such as Bill Lang are to some extent self-defeating. It is entirely because a large group of internationally minded scientists and engineers active in mechanics aspects of acoustics and vibration do not regard INCE as meeting their needs that alternative organisational developments have become necessary. ^{INCE AS MEETING THEIR NEEDS}

In the first place these took the form of the international conferences on air- and structure-borne sound and vibration which were held successively in Auburn, in St. Petersburg and in Montreal. The proceedings of these conferences show clearly enough, I believe, that there is a real demand for new international activity centred upon mechanics aspects of acoustics and vibration. It was, of course, these conferences that directly preceded (and led up to) the decision to set up IIAV.

In addition, a most important by-product of the conferences was a major flowering of east-west collaboration in acoustics and vibration. Above all, they marvellously enhanced the cooperation of Russian acousticians with their western counterparts; and IIAV will be able to extend this cooperation still further.

But here I come to a matter where we in IIAV recognise most fully that an abject apology is needed. We regret deeply the clash between the Internoise meeting in Liverpool which IOA will be organising (admirably no doubt) and the latest attempt at Russian/Western collaboration which IIAV is organising (yet again in St. Petersburg). It is a most unfortunate coincidence of dates, and it is absolutely imperative to ensure that no such clash occurs ever again. At this point I could describe certain aspects of modern life in St. Petersburg which made a particular week the only possibility for another meeting aimed at such collaboration in acoustics, but I prefer not to put forward such arguments altho at partially excusing the clash. Really, there is no excuse and it will be vitally important to prevent any possible recurrence in the future.

In this letter, President, I have tried to give the historical background to the development of IIAV and, in doing so, to explain my own acceptance of the IIAV presidency. Do please let me know, however, whether there is any more information which you would like from me.

With kind regards,

Yours sincerely,


Sir James Lighthill

EDITORIAL

International Institute of Acoustics and Vibration (IIAV)

Malcolm J. Crocker, Contributing Editor

We live in a rapidly changing world. World trade is continually making markets more and more global. Technology marches forward relentlessly affecting everyone of us. We are living during a communications revolution and are inundated with increasing amounts of scientific information in the form of books, in journals and magazines and now in electronic format.

How do we keep up with all this new information and at the same time try to view things from a global perspective? In our field we can turn to several excellent independent publications such as *Sound and Vibration* (S&V), the *Journal of Sound and Vibration*, *Applied Acoustics* and *Acustica* to help us keep abreast of developments. Unfortunately some of these publications produced by publishing houses are so expensive that they are beyond the means of individuals who can thus only consult them in libraries. Alternatively for only a modest outlay we can utilize the services of engineering and scientific societies. These societies generally produce high quality journals and arrange useful conferences.

The importance of national scientific societies in many countries cannot be overemphasized. The Acoustical Society of America fulfills a role of great significance by providing acousticians throughout North America with a forum for the exchange of ideas both through the excellent conferences that it organizes and through its first-rate publication, *Journal of the Acoustical Society of America* (JASA). I am sure that this Society will continue to do a fine job for its members as will similar national scientific societies in other countries.

Nevertheless the march of technology and the changing world bring pressures on us to stress the international character of knowledge in acoustics and vibration. Advances in acoustical science, vibration control and in the engineering aspects of sound and vibration occur in a highly interactive way all over the globe, and concerns related to the environmental aspects of acoustics are keenly felt worldwide and need to be addressed from a global perspective.

Bearing in mind the preceding comments, it became apparent in recent years that there could be a place for an international scientific society to represent the interests of all scientists and engineers throughout the world who are concerned with acoustics and vibration. The society known as the International Insti-

tute of Acoustics and Vibration (IIAV) was incorporated in June 1995 as a non-profit scientific society. Membership is open to qualified individuals in all countries. Scientific societies can become co-operating member societies. Before describing IIAV further, let me first give some of the background to its formation.

Within the framework of the International Council of Scientific Unions (ICSU), there are two scientific unions of the "ICSU family" which have a considerable interest in acoustics and vibration. These are the International Union of Pure and Applied Physics (IUPAP) and the International Union of Theoretical and Applied Mechanics (IUTAM).

Up to the present it has been IUPAP which has taken an international initiative in promoting acoustics, through its International Congresses of Acoustics held every three years. The congresses are often accompanied by satellite symposia. Both the congresses and symposia are organized by one of IUPAP's commissions: the International Commission on Acoustics (ICA).

IUTAM has nonetheless maintained an interest in acoustics and vibration during the past several decades and has tried to proceed in harmony with the ICA. A IUTAM nominee has been appointed as an associate member of the ICA for the last 30 years and has been allowed to attend meetings and to speak although not to vote. The IUTAM nominee has tried to use the position to see that the field of mechanics is properly considered.

The collaboration has borne some fruit in that two specialized meetings were arranged in addition to the triennial International Congresses of Acoustics. These were the IUTAM/ICA Symposium on Mechanics of Sound Generation in Flows (Göttingen, 1979) and the IUTAM/ICA Symposium on the Mechanics of Hearing (Delft, 1983). In recent years, however, no further joint symposia have been organized, although IUTAM's interest in the mechanics aspects of acoustics and vibration has continued unabated.

The foregoing considerations led to the concept of the formation of the IIAV, a non-profit international scientific society which could be affiliated with IUTAM. In all other specialist areas related to Theoretical and Applied Mechanics, IUTAM interacts with such areas through specialized international organizations affiliated to IUTAM. These include the International Centre of Heat and Mass Transfer, the International Committee on Rheology,

the International Association for Vehicle System Dynamics, the International Society for the Interaction of Mechanics and Mathematics, the International Congress on Fracture, the International Association for Computational Mechanics and the International Association for Boundary Element Methods. IIAV, then, from its inception was planned as a global organization which because of its emphasis on the mechanics aspects of acoustics and vibration, would be suitable for the addition to this list of specialist international organizations affiliated to IUTAM.

A specific suggestion for the affiliation of IIAV with IUTAM was discussed at the IUTAM General Assembly (Amsterdam, August 1994). The General Assembly voted unanimously in favor of receiving an appropriately detailed proposal for affiliation of IIAV to IUTAM at the 1995 meeting of the IUTAM Bureau (Vienna, September 1995). The Bureau received the formal application from the IIAV and has (according to the Bureau minutes) proposed affiliation of IIAV to the forthcoming General Assembly in Kyoto in 1996. Thus IIAV may be expected to be firmly rooted in the general field of Theoretical and Applied Mechanics. At the same time its global nature will be reemphasized.

There has already been significant interest in the IIAV. Individual members from 15 countries have joined. In addition several scientific societies around the world are considering becoming co-operating member societies. The IIAV will be a democratic organization. Its officers and directors can be from any country and will be elected by its members periodically. The first officers and directors have considerable experience in international organizations.

The first President of IIAV is the British scientist, Sir James Lighthill, who has served as President of IUTAM. The first two vice-presidents are David Newland of Cambridge, England and Hanno Helle of Braunschweig, Germany. There are presently 12 directors representing several countries. When IIAV membership reaches 100, the bylaws require that the officers and directors stand for election. Members will receive an electronic new digest and a new refereed journal.

Further information on IIAV membership can be obtained from the IIAV Secretariat, 201 Ross Hall, Auburn University, AL 36849, USA. We hope that the international scientific community will find the IIAV useful.

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INTERNATIONAL INSTITUTE OF NOISE CONTROL ENGINEERING
P.O. Box 3067 Arlington Branch • Poughkeepsie, NY 12603 • USA

1996 April 01

Sir James Lighthill
Department of Mathematics
University College London
Gower Street
LONDON WC1E 6BT, U.K.

Dear Sir James:

Recently I received an e-mail message from Professor Harold Marshall in New Zealand informing me that the International Institute of Acoustics and Vibration (IIAV) is planning to announce a congress on sound and vibration in Adelaide, Australia, during the week before INTER-NOISE 98 which will be held in Christchurch, New Zealand on 1998 November 16-18. I am sure you are aware that the International Commission on the Biological Effects of Noise (ICBEN) is holding its 7th International Congress on Noise as a Public Health Problem in Sydney, Australia on 1998 November 22-27. The organizers of the INTER-NOISE and ICBEN congresses are working closely together, as have the organizers of past congresses of these organizations, and it appears that the two congresses will strongly complement each other.

An IIAV meeting in Adelaide, on the other hand, is clearly in direct conflict with INTER-NOISE 98. I am puzzled by your plan to hold your meeting in Australia for two reasons. This is the first meeting to be announced by the IIAV following its incorporation on 1995 June 23; it seems strange that this first IIAV congress would be scheduled for a part of the world where there are so few acousticians. Moreover, in your letter dated 1995 October 25 to the President of the Institute of Acoustics (UK), you wrote, in connection with the clash between the scheduling of the congress in St. Petersburg, which was announced prior to the incorporation of the IIAV, and the INTER-NOISE 96 Congress in Liverpool... "It is a most unfortunate coincidence of dates, and it is absolutely imperative to ensure that no such clash occurs ever again." You closed the paragraph with the sentence, "Really, there is no excuse and it will be vitally important to prevent any possible recurrence in the future."

I urge you to select another venue for the IIAV meeting in 1998 and to hold it at a time and in a place which does not conflict with either the ICA in the U.S.A. in June or the INTER-NOISE Congress in New Zealand in November of that year. An IIAV conference planned for the first quarter of 1998 would not conflict with either of these congresses.

The Board of Directors of International INCE will be meeting in Liverpool on 1996 July 29 to discuss this important matter. I am very pleased to invite you as IIAV President to have lunch with the Board on that date for the purpose of discussing the scheduling of international meetings and other topics of mutual interest. As you probably know, Professor Tor Kihlman, Chairman of the International Commission on Acoustics, is a member of our Board. I believe that a discussion of these matters with you personally will be of great benefit to all concerned.

Sincerely yours,

William W. Lang, Ph.D.
President, International INCE

President: W. Lang, Adj. Prof., Vassar College, Poughkeepsie, New York, USA
Secretary General: A. Cops, Prof., Catholic University of Leuven, Belgium

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INTERNATIONAL INSTITUTE OF NOISE CONTROL ENGINEERING
P.O. Box 3067 Arlington Branch • Poughkeepsie, NY 12603 • USA

Sir James Lighthill
Department of Mathematics
University College London
Gower Street
LONDON WC1E 6BT, U.K.

1996 April 01

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Sincerely yours,

William W. Lang, Ph.D.
President, International INCE

President: W. Lang, Adj. Prof., Vassar College, Poughkeepsie, New York, USA
Secretary General: A. Cops, Prof., Catholic University of Leuven, Belgium



INTERNATIONAL INSTITUTE OF NOISE CONTROL ENGINEERING
P.O. Box 3067 Arlington Branch • Poughkeepsie, NY 12603 • USA

1996 July 06

Professor Leen van Wijngaarden, President
International Union of Theoretical and Applied Mechanics
University of Twente
P.O. Box 217
7500 AE ENSCHEDE
The Netherlands

Dear Professor van Wijngaarden:

We represent two long-established international organizations, described in the enclosures, with strong interests in acoustics, noise control, and vibrations - technical areas which are closely connected to theoretical and applied mechanics. We believe that affiliation with IUTAM will improve the possibilities for cooperation in the planning and coordination of international congresses, and is the subject of this letter.

For the past quarter century, our organizations, the International Commission on Acoustics (ICA) and the International Institute of Noise Control Engineering (I-INCE), have been cooperating as closely as possible to coordinate the scheduling of our international congresses. But this cooperation is no longer sufficient because the pace of technology is changing rapidly and new organizations are being formed. For example, both of our organizations are actively cooperating with the European Acoustics Association (EAA), a newly-formed regional consortium of acoustical societies in several countries. This cooperation has been effective because discussions among representatives of the organizations have been conducted openly and frankly.

Another organization with an international name was incorporated on 1995 June 23 under the laws of the State of Alabama, USA. The name of the corporation is the International Institute of Acoustics and Vibration (IIAV). The registered agent and sole incorporator of the new organization is Professor M.J. Crocker; the initial registered office of the corporation is Professor Crocker's home address in Auburn, Alabama, USA. Professor Crocker is Executive Director and Sir James Lighthill of England is initial President of the new corporation. The IIAV has assumed responsibility for the organization of a series of international congresses which, prior to 1996, were personally organized by Professor Crocker. It is our understanding that the IUTAM Bureau has already approved consideration of IIAV for IUTAM affiliate status by the General Assembly at its meeting in Kyoto next month.

President: W. I. and Adj. Prof., Vassar College, Poughkeepsie, New York, USA

Since a principal objective of the Union is to coordinate international scientific conferences, we feel that affiliation in some form of all three organizations (IIAV, I-INCE and ICA) with IUTAM would facilitate cooperation in the planning of future international meetings - as required by IUTAM. While both I-INCE and the ICA have taken the position that there is no need for a new international organization concerned with the same technical areas that have been covered by the ICA since 1951 and by I-INCE since 1974, we believe that this step will be beneficial to the acoustics and noise control community because there are already indications of serious conflicts with IIAV. Despite repeated assurances of cooperation in the scheduling of international meetings, IIAV has shown little inclination to work with the established organizations. We are seriously concerned about future international cooperation in our field, and request that IUTAM exert its influence, as required by Article X of the IUTAM Statutes, to improve the coordination of the planning for future international conferences.

With this letter, the International Institute of Noise Control Engineering respectfully submits its request for recognition by the General Assembly as an affiliated organization of IUTAM. We hope that this request will be considered by the General Assembly at its meeting in Kyoto, Japan next month.

Because the ICA is an international commission of the International Union of Pure and Applied Physics (IUPAP), we need to determine if it is permissible for the commission of one union to be affiliated with another union, both unions being member organizations of the International Council of Scientific Unions (ICSU). The ICA is in the process of changing its status to improve its services to the scientific community - as is evident from the enclosure. When this process is complete, and after discussion at the next meeting of the commission, the ICA will take the most appropriate action to align itself as closely as possible with IUTAM in areas of common interest.

Please inform us of any additional information that may be needed in order for this request for affiliation to be brought before the IUTAM General Assembly next August. Thank you for considering this urgent matter.

Sincerely,

William W. Lang, President
International Institute of Noise Control Engineering
P.O. Box 3067 Arlington Branch
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Telephone: +1 914 471 5493
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Tor Kihlman, Chairman
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Dept. of Building Acoustics
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S-412 96 Gothenburg, Sweden
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Fax: +46 31 772 2212
e-mail: tk@ta.chalmers.se

cc: Prof. F. Ziegler, Secretary-General (by e-mail)
Prof. S. Crandall, ICA Liaison to IUTAM (by e-mail)

enclosures: to follow by mail

PROGRESS REPORT TO THE EXECUTIVE BOARD OF I-INCE ON INTER-NOISE '97

1. Introduction

1.1 General

The organization of INTER-NOISE '97, - which takes place in Budapest according to the I-INCE Board of Director's decision taken at the INTER-NOISE '94 in Yokohama - was started in September 1994 following the Guidelines of INTER-NOISE Congresses. The organization is going on according to this document's instructions ever since.

We reported about the preparations to the I-INCE Board of Directors at the INTER-NOISE '95 Session held in California Newport Beach in 1995. During the organization we constantly keep in touch with William W. Lang, the president of I-INCE, and also with Prof. André Cops, personally authorized to supervise the organization of INTER-NOISE '97. He got information about local arrangements at the 7th Hungarian Seminar on Noise and Vibration Control in Kecskemét, September 1995. We have also given a report about further moments of organization to Prof. André Cops at the Forum Acusticum held in Antwerp, between 1-3 April 1996. André Cops' efforts, guidance, documents that has given to the Organizing Committee of INTER-NOISE '97 (the copy of the whole correspondence of INTER-NOISE '93), helped us a lot and so far we can really thank him many things.

This year Bernhard F. Berry has been the guest of INTER-NOISE '97's Organizing Committee, with whom we agreed our experiences in organizing and who gave us a lot of useful pieces of advice. We especially appreciate, that he took time for this special request in a crucial part of organizing INTER-NOISE '96, and co-operated so actively in the preparations of another INTER-NOISE congress.

The experiences of Active '95 connected to INTER-NOISE '95 in 1995 show that the forum of active noise and vibration control, which is being formed as an independent professional field, is suitable to segregate from INTER-NOISE, but not suitable to separate from it. Therefore the INCE USA and European researchers interested in the topic turned to the organizing committee of INTER-NOISE '97 to apply for the ACTIVE '97 being a satellite conference again of the I-INCE congress being held in 1997 August 21-23 in Budapest. They offered to create an international professional organizing committee for it. We accepted their proposal, and our Society, as a member society of European Acoustics Association suggested according to EAA rules, that the event may be supported by EAA as an EAA Symposium. They welcomed it with a support. This event, therefore, will be held as an EAA Symposium. The organizing committee is international, leaded by Fülöp Augusztinovicz and Joachim Scheuren.

Both INTER-NOISE '97, and its satellite conference, ACTIVE '97 will be held at the Technical University of Budapest. For technical reasons, the first one will be held in the central building (signed K in Fig. 1), the other one in building E. In building K there are 11 lecture rooms and 4 more places for the purpose of the Congress (Congress Bureau, I-INCE Board room, discussion rooms). One of the rooms is for 600 persons (Audi Max), two of them for 540 and 300, respectively, the rest are for 250 - 150. A room for 70 persons will be reserved for smaller meetings. Posters can be placed on the wide corridors, and for the exposition there will be the main hall reserved (600m² netto for 50 exhibitors).

In building E there will be 3 rooms near each other for 250 persons at disposal, and apart from them, one more for the organizers. Both buildings and the rooms are provided with the usual and necessary technical equipment, on request special circumstances (presentation on PC or CD) will be available.

The INTER-NOISE '97 is organized by - with the support of I-INCE - the Acoustics Commission of Hungarian Academy of Sciences, and the Scientific Society for Optics, Acoustics, Motion Pictures and Filmtechnics (OPAKFI). The ACTIVE '97 is organized by

OPAKFI, co-operating with INCE/USA, and sponsored by the European Acoustics Association (EAA).

1.2 Organizing Committee

Co-workers of Hungarian research and development institutions - well known in acoustics - have set themselves this difficult task, which, however, offers a lot of worthy professional results. The Honorary Congress President is Tamás Tarnóczy, who organized, in Budapest the internationally recognized International Congress on Acoustics (7th ICA) with 1500 participants in 1971. The Faculty of Informatics and Electrical Engineering of the Technical University of Budapest (TUB) is integrated by András Illényi (General Chairman), and the Faculty of Architecture of TUB is by Frigyes Reis (Scientific Chairman).

The General Secretary, Ferenc Kvojka is the head of Noise and Vibration Laboratory of the Public Health Institut of Budapest, and the secretary of the Department of Noise and Vibration Control of OPAKFI. He has organized so far in cooperation with the specialists in noise and vibration in Hungary 10 successful international conferences on noise and vibration control.

András Kotschy - Head of Advisory Council - is an acoustics expert the Hungarian joint venture of Rheinhold Mahla A.G. München, and a most active specialist on noise control and building acoustics, with a wide range of contacts. He is also the Congress Manager and vice General Chairman.

István Antal, Exhibition Manager is an expert on acoustics at the Hungarian Broadcasting Company, has experiences collected for decades in the field of noise control materials and industrial products, and he is also a constant expert of Hungarian professional exhibitions at events on noise control.

The treasurer of the General Secretary in OPAKFI is Ildikó Bába. She takes part regularly in organizing some international events with her colleagues every year, due to the wide range of activities and experiences of the association.

The International Advisory Committee gives help to the Congress. Further negotiations are going on within the scope of INTER-NOISE '96.

Dr. Frigyes Reis has prepared a detailed timetable of the congresses (point 5), which I will be happy to discuss with the Board.

1.3 Daily program and events

Sunday, 24 August

A.M.	Completion of exhibition set up, etc.
P.M.	Registration
Evening	Orientation tour of the city (2 hours)
	Opening of the exhibition

Monday, 25 August

A.M.	Opening the Congress
	Plenary session
P.M.	Technical sessions
Evening	Reception at Hotel Gellért

Tuesday, 26 August

Day	Plenary and technical sessions
6:00 P.M.	End of Exhibition
Evening	Banquet at Congress Center Budapest

Wednesday, 27 August

Day

Plenary and technical sessions

Closing Ceremony (Reception at TUB, Aula)

2. Theme for INTER-NOISE '97

Our theme, for which I-INCE approval has been obtained is

**"Help to Quiet the World
for Higher Quality Life"**

(Sub-theme: Scientists, Engineers and Legislators in Partnership)

The preliminary draft of Distinguished lectures, keynote papers and structured sessions will be decided involved the position taken up International Advisory Committee.

3. Publicity

An initial short piece was submitted for Noise News International (March 1996). The First Announcement was sent to Noise News International in April 1996. The Announcement and Call for Papers was sent for publication in the June issue of Noise News International. The First Announcement was sent to Member Societies of I-INCE in 6000 copies, and for 45 Editorial Offices of acoustical journals. It was personally published in Austria (ÖAL Sitzung Wien, 31 January 1996), in Germany, (der 22. Gemeinschaftstagung der DAGA 1996, 26-29 February), in Belgium (Forum Acusticum, European Acoustics Association, Antwerp, 1996, 01-04 April), in Italy (Noise & Planning '96: International Conference on Acoustics Applied to Planning, Pisa 1996, 28-31 May), and next in England (INTER-NOISE '96 Liverpool, 1996, July 31-August 2.)

Both circulars are readable on Internet www sites, first of all on the www site of INCE USA (INCEUSA@aol.com).

The "Announcement and Call for Papers " are to be sent, in July-August 1996 for acoustical journals, for our composed address list and for the interested (about 300), who have returned the reply coupon till now.

OPAKFI will take part in the exhibition of INTER-NOISE '96 with an information service about Budapest, Hungary, and travel possibilities.

4. Sponsorship

Brüel Kjaer Ltd. has agreed to sponsor the "Invitation to Budapest at this year's Closing Ceremony. The I-INCE Board of Directors put at our disposal the I-INCE membership fee of the Acoustical Commission of the Hungarian Academy of Sciences, which has accumulated for years and has been collected according to Prof. Ingerslev's and Prof. Tarnóczy's agreement in a bank of Budapest (OTP), at the moment 1800 USD.

The most significant supports were those of the Hungarian Academy of Sciences (600 USD) and the Ministry of Environment Protection and Region Development (6650 USD). We count on the support of the Hungarian Airlines (MALEV), the Office of Tourism and of some considerable firms (Hungarovin Ltd, Pick Salami Holding).

Here I would like to remark that the 5000 USD loan we asked from the I-INCE and has not got the approval of I-INCE Board of Directors, is missing. Till the incomes expectable in 1997 there is a real need for it. At the same time please note that for business activities the

bank loans in Hungary have an interest of 30%! Taking a loan, which will be necessary, reduces the expectable profit!

5. Technical Program

5.1 Structure

The presentations are intended to be organized in 7 parallel sessions, together with a sequence of poster sessions. We compose 3 distinguished lectures (D), each 45-50 min, 40-50 survey papers (S; 20 min) and 300-330 contributed papers (C; 15 min). The poster sections are free from the point of view of the numbers.

Actually 25 themes of special interest (see Appendix 1) are considered, 12-15 of them can be partly organized into structured sections. Of course contributed papers will also be accepted in the themes of the structured sections. They may consist of a mix of review-type papers plus invited/contributed papers.

One day:	1 D, 3 S, 15 C (instead of a S an extraordinary action)
7 parallel sections:	1 D, 14 (21) S, 105 C.
3 days:	3 D, 42 (63) S, 315 C.

The rest are posters.

The preliminary timetable is given in Appendix 2.

5.2 Distinguished lectures

The preliminary list of the 3 distinguished lectures is prepared, it is before the consultations. We are planning further negotiations in Liverpool.

B.F. Berry (there is no answer yet)

F. Augusztinovics (he has accepted the preliminary invitation)

XXX (there are some proposals before discussion)

5.3 Special Sessions, themes of special interest, structured sections

The preliminary list of the themes of special interest, and structured sections is prepared. The preliminary list of those, who will be invited to organize structured sections is also ready. They will be introduced to I-INCE soon. There were some personal consultations in Antwerp with the organizers with positive results.

6. International Advisory Committee

The list of the International Advisory Committee was introduced to I-INCE (Prof. André Cops). With some modifications it was accepted, the invitations were posted. In Antwerp some personal consultations were made too. The answers of acceptance keep on arriving.

Comparing the original list to the actual one, there is one difference: we have got the information, Prof. Anita Lawrence has retired. We have asked a proposal from the Australian Acoustical Society, they have proposed Marion Burgess from the Acoustics and Vibration Center, University of South Wales. The invitation has been sent.

No	name	status	answer
1	A. Cops	written invitation	written, ok +
2	G Hübner	written invitation	written, ok +
3	T. Embleton	written invitation	written, ok +
4	T. Khilman	written invitation	consultation, ok +
5	D.Y Maa	written invitation	written ? hesitation
6	J. Tourret	written invitation	written, ok +
7	C. Svane	written invitation	not yet
8	R. Pompoli	written invitation	written, ok +
9	J. Tichy	written invitation	not yet
10	R. Bernhard	written invitation	not yet
11	Z. Engel	written invitation	written, ok +
12	F. Fahy	written invitation	written, ok +
13	A. Nikiforov	written invitation	written, ok +
14	H. Tachibana	written invitation	written, ok +
15	T. Szentmartony	written invitation	ok +
16	M Burgess	written invitation	not yet

7. Technical facilities and staffing

The arrangement of the congress will be facilitated by the most recent and traditional equipment (blackboard, slide and overhead projector, audio tape, video projector, PC-LCD projector, CD player). Unified arrangement will be enabled by an audio-video time-sharing and signaling system. To solve it in the most suitable way we want to make use of the experiences of recent solutions tested at last **INTER-NOISE** congresses. On request a parallel projection is also possible. The arrangement staff will consist of students by the leadership of our skilled expert colleagues. The latter persons will get familiar with audiovisual and PC based information technics on a preparation course. Technical background is supplied by TUB technicians.

8. Exhibition

The exhibition will be organized in association with the congress at the same venue: the Main Hall (Aula) of the TUB (building K) and the surrounding halls. Thus the participants of the congress will also be able to visit the fair, and have the opportunity to meet the exhibitors and talk about professional topics, during the lecture breaks of the congress.

The professional visitors of exhibition will come from various architectural firms, factories, local government offices and environmental agencies. There will be labour safety inspectors, architects, engineers, structural engineers, ventilation technicians, mechanical energeticians, transport, road and vehicle engineers, as well as doctors, to name just a few. All of them are professionals, who will eventually be the installers, buyers or users of the exhibited products. The exhibition will also be open to the general public free of charge, and the entire event will be covered by the radio, TV, and press.

The exhibition can be viewed throughout the duration of the congress, from 6 pm on August 24th, to 6 pm on August 26th, 1997.

8.1 Themes of exhibition:

The exhibition will feature various active and passive noise reduction devices, acoustical materials and equipment that can be applied in industry, architecture, mining, in different branches of transport and environmental protection. In addition to this, there will be low-noise machinery and equipment on display, together with individual noise-protecting devices, measuring instruments, software, and technical publications such as books and periodicals.

8.2 Publicity of Exhibition

The announcement to be sent to exhibitors and the composition of the address list is under procedure. On 10th March we posted 30 letters, asking I-INCE member societies to propose such firms from their countries to invite to the expositions. (Thanks for the answer to Mr. Brambilla and Mr. Nikiforov.)

9. Social Program and Conference Tours

We will offer several social programs for the delegates and accompanying persons. For example on Sunday, August 24, after the registration in the afternoon there will be a city tour by bus before opening the exhibition.

With the co-operation of the Congress Ltd Budapest some short holiday packages are being prepared (4 days/3 nights) and one day excursions, which we want to offer to delegates and their families before and after the INTER-NOISE '97, and organize as a social program during the Congress. Based on the experiences, our following offer will belong to the program:

-PUSZTA-TOUR, visiting Kecskemét, and the unique museum of naive painters, furthermore a horse show in the Puszta and the program ends with a nice dinner in the "Csárda", in a typical Hungarian restaurant.

- on the Danube-Bend tour, visiting Visegrád and the ruins of the former royal palace from the 13th century with a nice panorama, visiting Szentendre, the picturesque small town and the home-museum of famous Hungarian potter Margit Kovács, and shopping opportunity.

- Balaton-tour, one-day tour to the biggest lake of Middle-Europe. Visit Balatonfüred and the Tihany Peninsula with interior guided visit of the Abbey founded in 1051. Following the lunch in a traditional restaurant the company cross the lake by ferry to the southern side, visit Balatonföldvár and at the end of program, a wine-tasting ceremony.

Eger-tour, sightseeing in the city, Castle and Cathedral of Eger, testing of the famous wines of Eger, finishing the program with a nice dinner with gypsy music in an old wine cellar.

It is also planed, within the official program, as an optional outing, we would like to show you the material received from Honolulu of the George Bekesy memorial museum rooms, and the heritage his work realized in Budapest.

10. Accommodation

The organizers prefer the following hotels:

- the 4 stars Hotel Gellért is an old-fashioned one with thermal bath and it is close to the Congress venue. In this hotel we have limited places for 150 persons altogether.

- The 4 stars Hotel Flamenco has quiet surroundings and is relatively close to the University.

- The 5 stars Hotels in city centre, Atrium Hyatt, Forum and Mariott, following the Mercure-Crown are suitable mostly for those delegates who have some business contact with one of the above mentioned international hotel chains.

- The 2 stars Hotel Griff is located close to the Congress venue and offers a reasonable price.

- In the youth hostel category we can recommend to our delegates the student hostel of Technical University of Budapest with 2- and 4 bedded rooms which are located on the university campus or next to it.

Hotel prices generally include breakfast too.

The Congress Banquet will take place in the congress-concert hall of the Budapest Convention Centre with a special selection of traditional Hungarian folk dance and music. A short information about the price offer of mentioned Hotels is given in Appendix 3.



Dr. András Illényi PhD

General Chairman of INTER-NOISE 97

Postal Address: H-1112 Budapest Budaörsi út 45.

George Bekesy Acoustics Research Laboratory

Phone/fax: (36-1)- 319-31-44

E-mail:illenyi@sparc.core.hu

Sections of particular interest

The sections of particular interest is listed below. Some of them will be or can be formed to structured sections. The discussions are on.

No	Subject	Structured section
1	Active noise and vibration control	
2	Acoustical simulation, modelling, identification, prediction	
3	Aircraft and airport Noise control	probable
4	Building acoustics, sources and transmission	yes
5	Construction Equipment noise and vibration control	
6	Physiological and psychological effects of noise	probable
7	Education, Public relation for Noise and vibration	
8	Flow acoustics, fans, ducts, ventilation systems	yes
9	Low frequency noise and vibration	
10	Measurement and analysis of systems	
11	The practice of noise and vibration control	
12	Numerical methods in acoustics and vibroacoustics	
13	Nonlinear noise and vibration signal processing	
14	Outdoor sound propagation	yes
15	Policy of noise and vibration control	yes + 16 + 22
16	Standards, regulations	yes + 15 + 22
17	Structural transmission	
18	Subjective evaluation ; Sound quality engineering	
19	Vehicle noise control	
20	Computer methods in noise and vibration control	probable
21	Outdoor concert sound	
22	The social response to env noise and vibration	yes + 15 + 16
23	Vibration damping	
24	Binaural technologies	
25	Evaluation of Impulse noise	
26	Noise control engineering and ISO 9000	

Preliminary timetable

Morning section

900 - 950	Distinguished lecture
1000 - 1025	Survey paper
1030 - 1055	Survey paper
1100 - 1115	Contributed paper
1115 - 1130	Contributed paper
1130 - 1145	Contributed paper
1145 - 1200	Contributed paper
1200 - 1215	Contributed paper
1215 - 1230	Contributed paper

There is one Distinguished lecture, the other common ones are by each section, 2 S, 6 C

Afternoon section

1400 - 1425	Survey paper
1430 - 1545	Contributed paper
1545 - 1600	Contributed paper
1545 - 1600	Contributed paper
1515 - 1530	Contributed paper
1530 - 1545	Contributed paper
1545 - 1600	Contributed paper
1600 - 1615	Break
1615 - 1630	Contributed paper
1630 - 1645	Contributed paper
1645 - 1700	Contributed paper
1700 - 1715	Contributed paper
1715 - 1730	Contributed paper

Afternoon section 1 S, 11 C

Everyday there may be an extraordinary event instead of an S.

PRICE OFFER OF HOTELS

The given prices include taxes (12%) and breakfast. Please regard them as preliminary information, because for 1997 neither the venue, nor Hotels have given exact prices.

Depending on the programs and demands of categories, we can propose the following sites, which complete each other and can serve as places for meal using transfer buses. On request we give a description of every place on Hungarian and foreign languages.

a./ NOVOTEL Budapest Centrum****

1121 Budapest, Alkotás u. 63-67.

accommodation: 150 rooms

1/1 165 USD room price with a buffet breakfast

1/2 178 USD room price with a buffet breakfast

b./ Hotel GELLÉRT****

1111 Budapest Szent Gellért tér 1.

accommodation: for 150 persons

1/1 98, - USD/room with breakfast and a shower

1/1 122, - USD/room with breakfast and a bathroom

1/2 215, - USD/room with breakfast

entry to the spa, breakfast and guarded parking is included

c./ Hotel FLAMENCO****

1113 Budapest, Tas Vezér u. 7.

accommodation: 70 rooms

1/1 132, - USD/room with breakfast

1/2 165, - USD/room with breakfast

f./ State Management College

1118 Budapest, Ménesi út 5.

accommodation: 172 rooms

40 USD/room (every 2 rooms have a common bath)

d./ Hotel MERCURE (former PENTA)

1013 Budapest Krisztina krt. 41-43.

accommodation: 150 rooms

1/1 100, - USD/room with breakfast

1/2 145, - USD/room with breakfast

g./ Hotel GRIFF (Eravis Rt)**

Bartók Béla út 152.

100 rooms can be reserved altogether

1/1 44, - USD/room with breakfast

1/2 64, - USD/room with breakfast

./ Hotel ÁTRIUM HYATT

1051 Budapest Roosevelt tér 2

accommodation: 200 rooms

1/1 184, - USD/room with breakfast

1/2 250, - USD/room with breakfast

h. TUB Youth Hostel

Schönherz or Vásárhelyi students' residence

2 or 4 beds in a room with a bath

13 DEM/person breakfast included

exposition price of 1 m²: 105-135, - USD

REPORT ON PLANNING FOR

inter-noise 98

Comprising:

Over-view by the General Chairman
Committee members and Tasks
Draft of First Announcement and call for papers
Draft Budget

General Chairman's Overview

1) General Comments

Following the successful bid by the New Zealand Acoustical Society in July 1995, for **inter-noise 98** to be held in Christchurch New Zealand, a time-line of responsibilities and deadlines up to and including the Conferences in 1998 was constructed from the I-INCE draft guidelines for hosts of Inter-noise conferences. The planning is on schedule. Four meetings of the Organising Committee have been convened since then, in addition to the meetings of the technical programme committee. The results of this work are reported in this overview.

I am grateful for the continuing assistance and advice of the President of I-INCE, Dr. W. W. Lang and particularly appreciative of the constructive attitude of the Australian Acoustical Society through its President Prof Charles Don. A potential conflict of dates between ICBEN, **inter-noise 98**, the Linking Satellite Symposium at Queenstown, and the IIAV conference proposed for Adelaide in the week before **inter-noise 98**, generated some correspondence but has resulted in a depth of understanding and overt willingness to collaborate between the antipodean Acoustical Societies seldom evident to this degree in the past several decades. The conflict of dates seems to have been resolved by holding the Adelaide conference in 1997, well clear of the INTER-NOISE in Budapest. We are grateful also to the IIAV for this accommodation.

2) Organising Committee - Tasks and contact details:

The following table summarises the personnel and tasks undertaken. The primary communication medium is e-mail.

TASK	NAME	ADDRESSES
General Chairman	Harold Marshall	Acoustics Research Centre, University of Auckland, Private Bag 92019, Auckland Ph: (09)-3737-599 Ext 7850 Fax: (09)-3737-410 email: h.marshall@auckland.ac.nz

Technical programme Co-Chairmen Convenor:	Murray Johns George Dodd Murray Johns Keith Ballagh Colin Fox Peter Thorne Brian Mace	Acoustics Research Centre University of Auckland Private Bag 91029 Auckland Phone (64 9) 3737599 x7850,8542 email: g.dodd@auckland.ac.nz (George Dodd) m.johns@auckland.ac.nz (Murray Johns) mda@bitz.co.nz (Keith Ballagh), c.fox@auckland.ac.nz (Colin Fox) prt@ccul.auckland.ac.nz (Peter Thorne) b.mace@auckland.ac.nz (Brian Mace)
Secretary	Malcolm Hunt	13 Awa Rd, Miramar Wellington Ph: (04)-3846-211 mhunt@iconz.co.nz
Secretariat	Acoustics Research Centre	University of Auckland : Private Bag 92019 Auckland arc@auckland.ac.nz
Treasurer Exhibition Manager	John Quedley	16 Woodhall Rd, Epsom Auckland 1003 Ph: (09)-6233-147 mms@bitz.co.nz (John Quedley)
Publicity Manager	George Bellhouse	Occupational Safety and Health, PO Box 3705, Wellington Ph: (04)-4712-937 email:- remote-printer.George_Bellhouse @6444990891.iddd.tpc.int
Accommodation and Services Coordinator, ICBEN Liaison	Philip Dickinson	NZ Ministry of Health,Head Office PO Box 5013, Wellington email:- Philip.Dickinson@MOHWN.synet.net.nz
Chairman Joint I-N 98 ICBEN Satellite at Queenstown	Philip Dickinson	NZ Ministry of Health,Head Office PO Box 5013, Wellington Philip.Dickinson@MOHWN.synet.net.nz
Technical Chair (Sat)	Con Wassilief	Marshall Day Associates, PO Box 11442, Wellington Ph: (04)-4993-016 email: mdawn@central.co.nz (Con Wassilief)
Proceedings Ed (Sat)	??	
Accompanying Person Program	Shirley Marshall	2 Springleigh Ave Mt Albert Auckland 3 Ph:(09) 846-7815 h.marshall@auckland.ac.nz (Shirley Marshall)

3) Administration

A New Zealand Company, INTER-NOISE 98 Ltd has been incorporated, with the General Chairman and the Treasurer as its two directors, to manage the finances of **inter-noise 98**, and to separate its funding from the NZ Acoustical Society. Indemnity Insurance has been taken out to protect these two officers.



COMPANIES
OFFICE
NEW ZEALAND

CERTIFICATE OF INCORPORATION

INTER-NOISE 1998 LIMITED
(AK/812720)

This is to certify that **INTER-NOISE 1998 LIMITED** was incorporated under the Companies Act 1993 on the 4th day of June 1996

Neville Harris

Neville Harris
Registrar of Companies
4 June 1996



4) Venues

inter-noise 98 will take place in the Christchurch Convention Centre, a new facility being built in the heart of Christchurch and associated with the acoustically significant Christchurch Town Hall. The principal conference hotel, the Park Royal, is part of the same complex and covered access is between all three is part of the design. Suitable subdivisions into break-out rooms have been reserved in the Conference Centre supplemented by other spaces in the Town Hall Complex and the Hotel. Rooms for associated meetings for the I-INCE Board before and after **inter-noise 98** as requested by the President of I-INCE, have also been reserved in the Hotel.

Function	Rooms/Number	Seats
Opening Function	James Hay Theatre	1000
Plenary Lectures	Main Hall	500
Technical sessions	7 Break-out rooms	100
Meetings	4 Park Royal rooms	30

5) Accommodation

In addition to the 150 rooms in the Park Royal accommodation has been reserved in other near-by hotels as follows:

Hotel	Number of rooms	Price	Distance
Park Royal	200	high	
Quality Inn (Central)	50	med/lo	2 mins (ped)
Quality Inn(Durham)	80	med/lo	5 mins (ped)
Centra	100 (+100)	med	5 mins (ped)
Chateau	80 (+100)	high	5 mins (car)
Grand Chancellor	50	med	10 mins (ped)
University (Hall)	60 (+60)	low	10 mins (car)

inter-noise 98

inter-noise 98 will be held in Christchurch New Zealand from November 16th to November 18th. Christchurch is the principal city in the South Island of New Zealand and is served by its own International Airport. It is an ideal gateway to the scenic South Island. The venue for **inter-noise 98** is the Christchurch Convention Centre, including the Christchurch Town Hall and the Park Royal Hotel, a few minutes walk from the city centre on the banks of the meandering Avon stream.

The conference has been scheduled collaboratively in the week before the conference of the International Commission on the Biological Effects of Noise (ICBEN) to be held in Sydney, Australia from November 23-27 1998. A Satellite Symposium on "RECREATIONAL NOISE", linking the two conferences is planned for Friday November 20th in the alpine resort Queenstown, 45 minutes by air from Christchurch.

It will be the first time that an INTER-NOISE conference has been held in New Zealand and this provides a unique opportunity for an introduction to the land known as the 'last paradise' on earth. A rich indigenous heritage, treasured and cherished by the majority of the population, and developing dialogue between this and the dominant Western Culture is set in a land of great beauty and astonishing variety. Primary Production mainly for export to the markets of the world is complemented by highly competitive manufacturing and scientific innovation. Noise is the inevitable and unwanted by-product of these positive attributes in this young and progressive country. The Conference Theme seeks resolution of the classic conflict between development and conservation of natural environments.

CALL FOR PAPERS

Technical papers in all areas of noise control engineering will be considered for presentation at **inter-noise 98**. Abstracts of papers proposed for presentation must be received by the Conference Secretariat no later than February 16th 1998. The abstracts should be not more than 250 words in length and must be submitted in the form described later in this announcement. It may be submitted by mail, fax or (preferably) by electronic-mail. If selected for presentation it must be prepared by the author in specified format for publication in the conference proceedings. Date for submission and required format for publication of the completed paper will be notified with the acceptance of the paper. This information is also available on the WWW **inter-noise 98** home page at:

<http://www.auckland.ac.nz/internoise98/>
REPLY COUPON

Return this coupon or send an e-mail message if you would like to receive further information on **inter-noise 98**

NAME _____

ADDRESS _____

CITY _____ STATE _____ POST CODE _____

COUNTRY _____

- ☐ I am interested in attending **inter-noise 98**
- ☐ I am interested in attending The Queenstown Symposium on Recreational Noise
- ☐ I am interested in presenting a technical paper.
- ☐ My company may be interested in participating in the Equipment exhibition

Please return this coupon to:

inter-noise 98 Secretary,
NZ Acoustical Society, P O Box 1181
Auckland 1001, New Zealand
Ph: +64 9 623 3147 Fax: +64 9 623 3248

e-mail internoise98@auckland.ac.nz
W W W <http://www.auckland.ac.nz/internoise98>

7) Preliminary Budget

The preliminary Budget follows. It is based on a minimum attendance of 325 delegates with a target of 500 or more. All dollar values are in NZ\$ which at the moment has an exchange rate of about \$67 US. Thus the proposed registration of NZ\$ 850 is the equivalent of \$560 US (based on the 1996 INTER-NOISE registration cost. The NZ currency is stable, increasing slowly to its present level relative to the USD in the past several years and held there by the fiscal policy of Government to contain inflation in the range 0-2%. The NZ currency is unlikely to change much relative to the US dollar in the next two years.

Draft Budget

<u>Estimated Delegate</u>	Likely delegates	N1	500
	Minimum Delegates	Nm	325
	Number of Sessions	Ns	40

Advertising

First flyer INTER-NOISE 96	1000@1.00	\$1,000	
Second flyer INTER-NOISE 97 and Journals	1000@2.00	\$2,000	
Third Flyer printing and postage	1000@2.50	\$2,500	
Correspondence, Internet home page etc		\$4,500	10,000

Secretariat

Staff and rental	20,000		
Equipment rental	4 000		
Signage	1,000		25,000

Proceedings

Computer Formulation and Printing, 2.75*325*100	89,375		89,375
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Venue

Conference Centre Sunday -Wed incl	25,000		
Park Royal rooms and AV	3,000		
Refreshments 1.2*500*6*1.50	5,400		33,400

Exhibition

Set up, security, power etc	10,000		10,000
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Occasions

Chairman's briefing dinner (2.25*40+5)*50	4,750		
Welcome reception Sunday pm 1.75*325*11.50*1.125	7,400		
Dinner and reception, (400+9(Board)+21)*61.50*1.125	29,751		
Guest expenses	5,000		
Symphony	5,000 (Subsidy)		
NZ experience Mt Hutt	5,000 (Subsidy)		
Cocktails	7400		64,301

Transportation

Shuttle buses, Airport/hotels/ Airport/	10,500		
International expenses pre conference/post conference	12,000		22,500

Ancillaries

Conference Bags 400*25	(Seek Sponsor)	10,000	<u>10,000</u>
Total cost			(264,576)

INCOME:

Registration 325*NZD850	276,250		
Exhibitors \$40*1000	40,000		
Surplus			316,250
			51,674

For 500 attendees, Registration is 500*850

Surplus

425,000	465,000
	(264,576)
	200,424

Handwritten: $691 \text{ NZ\$} = \460 US

Handwritten: } To 0

8) Theme and International Advisory Committee

New Zealand has rich indigenous heritage, treasured and cherished by the majority of the population, and developing dialogue between this and the dominant western culture, set in a land of great beauty and astonishing variety. Primary production mainly for export to the markets of the world is complemented by highly competitive manufacturing and scientific innovation. Noise is the inevitable and unwanted by-product of these positive attributes in this young and progressive country. The Conference Theme seeks resolution of the classic conflict between development and conservation of natural environments. A conference in New Zealand might focus attention both on the Noise problem which confronts the developing world and on the reality of a good resolution of it.

The Organising Committee seeks a form of words which expresses these ideas in a positive way, recognising and quantifying the problems while avoiding a judgemental position. The committee would greatly value suggestions for the membership of the International Advisory Committee and seeks help in the selection of the Distinguished Lecturers and the Special Guest budgeted for.

9) Conclusion

In conclusion, **inter-noise 98** is on track to provide an excellent Conference with costs held to around the 1996 levels. An excellent committee of enthusiastic participants is in place, the accommodation has been reserved, and an exciting supporting programme is developing. We look forward to seeing you there.

A Harold Marshall
General Chairman.
July 1996