

MINUTES OF THE COUNCIL MEETING
(January 21, 2001)

Subject to the approval of the ION Council the following minutes are submitted. The Council Meeting was called to order on January 21, 2001 at the Westin Hotel in Long Beach, California at 1pm. Those present were:

VOTING COUNCIL MEMBERS:

<u>Name</u>	<u>Office Held</u>
Karen Van Dyke	President
Ron Hatch	Executive VP/ Strategic Plan Chair
Larry Hothem	Treasurer
Dr. A.J. Van Dierendonck	Western Region VP
Maj. John Raquet	Central Region VP
Tim Murphy	Air Rep.
Bob French	Land Rep.
Dr. Clark Cohen	Western Council Member at Large
Dr. Mike Braasch	Finance Chair
Ron Braff	Awards Chair
Dr. Chris Hegarty	Publications Chair
Len Jacobson	Sections Chair
Bob Mitchell	Bylaws Chair
John Lavrakas	Satellite Division Vice Chair/Proxy for Penny Axelrad, Satellite Division Chair
Dr. Gerard Lachapelle	Alberta Section Chair
Lt. Col. Mike Miller	Dayton Section Chair
Walter Schoppe	San Diego Section Chair
Dr. Frank van Graas	Past President
Dr. Dick Greenspan	Past President
Dr. Bill Klepczynski	Past President
Stan Lewantowicz	Past President
Joe Portney	Past President
Leonard Sugerman	Past President
Phil Ward	Past President/2001 Congressional Fellow

NON-VOTING MEMBERS:

<u>Name</u>	<u>Position Held</u>
Jim Farrell	IMU Interface Standards Chair
Carl Andren	Technical Director
Lisa Beaty	Director of Operations

It was determined that a quorum was achieved.

AGENDA

See Attached File: [agenda.pdf](#)

Approval of June 2000 Meeting Minutes

Motion: **The June 2000 Council Meeting Minutes be approved as submitted.** Motion made by Len Sugerman, seconded by Len Jacobson and passed by the Council.

Approval of Annual Awards Committee

Ron Braff, Annual Awards Chair, reported that the committee had been submitted to and approved by Karen Van Dyke, ION President.

ION Fellow Nominations Report

See Attached File: [fellowselection.ppt](#) (Microsoft PowerPoint, 41Kb)
 [fellowselection.pdf](#) (Adobe Acrobat, 218Kb)

Dr. A.J. Van Dierendonck, Fellows Selection Chair, reported that this past year his committee had reviewed the rules and voting procedures for posthumous, honorary and regular Fellow selection.

It was reported that any active or inactive, current or past ION member whom had been nominated by an active ION member was eligible for nomination. However, an Honorary Fellow need not have ever been an ION member, but must be living at the time he/she is nominated.

It was further reported that ten regular and ten posthumous Fellows, plus one Honorary Fellow, had been approved for selection during the first three years of the ION Fellows program (1999, 2000 and 2001). Following this year's 2001 Fellow appointments, it was reported that the current regulations would limit the total number of regular Fellows to no more than 1% of the current ION membership; with the possibility of naming one posthumous Fellow per year as long as the total number did not exceed the number of years the ION had been in existence. Beginning in 2002, the total number of honorary Fellows could not exceed 10% of the total number of regular and posthumous Fellows.

It was reported that the Fellow's Committee in 1999 and 2000 was made up of past presidents, but for this year (2001) the committee's membership consisted of current Fellows as per the criteria.

It was reported that for the Fellow's Committee fellow selection process a two-thirds majority vote was required for a nominee to receive the Fellow Committee's endorsement for approval by the Council.

Motion: **The Council approved the following 2001 Fellow Committee's nominations for election to grade membership in the ION:**

Posthumous:

- 1) **Milton B. Trageser:** Director of Apollo Program at Draper, inertial instrumentation expert
- 2) **Colin Hugh McIntosh:** ION's first president, airline navigator and executive, "Radio Navigation for Pilots", advisor to U.S. government

- 3) Maj. Gen. Norris B. Harbold: authored “Log of Air Navigation”, director of training for USAF

Honorary:

- 1) Dr. Charlie Cahn: pre-GPS work on 621B, GPS signal structure and receiver implementation (early years with Magnavox and recent years as a consultant), GPS modernization

Regular Fellows (in alphabetical order):

- 1) Roy Anderson: early (pre-GPS) satellite work
- 2) Per Enge: only unanimous selection
- 3) Gaylord Green
- 4) Richard Greenspan
- 5) Rudolph Kalafus
- 6) Keith McDonald
- 7) John R. Moore: 1961 Thurlow winner, inertial navigation, President of Autonetics
- 8) Winslow Palmer: 1967 Thurlow winner, father of Loran-C
- 9) Frank van Graas
- 10) Alexander B. Winick, second Hayes winner, distinguished government career

Motion made by Dr. A.J. Van Dierendonck, seconded by Bob Mitchell passed by Council.

It was noted that the Fellows Committee was pleased with this year’s recipients and noted it was a good mix of active younger members and older members.

In conclusion, Dr. Van Dierendonck reported that there were a few issues that the Council might consider revisiting:

- At the current allowable rate, only four new regular Fellows will be able to be elected per year; and there will only be one slot left available for an additional Honorary Fellow.
- There is now an adequate pool of Fellows from which to draw future Fellow committee members. It was suggested the ION Membership Chair be dropped as a committee member as the ION National Office handles all secretarial duties.
- It is tough for the committee to obtain a 2/3 majority. Suggested that if this criteria remains that the committee include only 6 members so that 4 votes would be required.
- The Fellow Award is the most prestigious award of the ION. There were many nominees who had not yet been a recipient of an ION Annual Award. Fellow recipients should have already received an Annual Award and the Fellow guidelines should be revised to reflect this.

Ron Braff suggested that fellow nominees that are not selected should be submitted to the Annual Awards Committee for consideration. It was also suggested that a different nomination form be used for Fellows than is used for Annual Awards. Carl Andren reported the ION still has great difficulty in collecting nominations and more Council members needed to participate in submitting

nominations. Carl further reported that the National Office was putting together database of member biographies that could be expanded to include a list of members that are eligible for Annual Awards.

Action: A.J. Van Dierendonck to submit a report to Council in June '01 with suggested clarifications and modifications to the Fellows Awards Program.

ION Council Nomination Committee Report

Dr. Gerard Lachapelle presented the names of this year's Nominations Committee on behalf of Dr. Per Enge, Nominations Chair:

Motion: The Council approve the following as members of the Nominations Committee:

Committee Chair:	Dr. Per Enge
Eastern Region:	Dr. Richard Greenspan & Capt. Ben Peterson
Central Region:	Stan Lewantowicz , Phil Ward, & Frank van Graas
Western Region:	Dr. Elizabeth Cannon

All nominated committee members have all agreed to serve pending Council's approval. Motion made by Len Jacobson, seconded by John Lavrakas and passed by the Council.

President's Recommendations, National Office Structure

Karen Van Dyke, President, reported the National Office provides a high level of support. She further reported that the size of the staff had not been increased in several years, although the workload taken on by the National Office had expanded. To help resolve this problem, it was reported that the Executive Committee had recently passed a motion to hire an additional full time person to handle the ION information systems, including the web page updating and support. This position was extended to, and accepted by, Rick Buongiovanni who would be working remotely from his home until his relocation to Virginia this summer.

ION Web Site Expansion

Carl Andren provided an update to the Council as to the current status of the ION's expanded web site. See attached file: [websitestatus.ppt](#) (Microsoft PowerPoint, 116Kb)
[websitestatus.pdf](#) (Adobe Acrobat, 799Kb)

ION Bylaws Committee Report

Bob Mitchell, Bylaws Committee Chair, reported there were no current changes to the bylaws. He further reported he had reviewed the ION Sections Handbook, prepared by Jennifer Murphy in the National Office, and found no inconsistencies with the bylaws. Jennifer was commended for her efforts in the preparation of this handbook.

ION Co-Sponsorship Policy

Lisa Beaty reported that during the evaluation of a recent request to co-sponsor another organization's international meeting, the Executive Committee had recognized the need to update the ION Co-Sponsorship of Meetings Policy.

See attached file: [meetingcosponsorship.pdf](#) (Adobe Acrobat, 11Kb)

Lisa acknowledged the assistance of Richard Greenspan and Karen Van Dyke in reviewing the proposed draft in detail and in providing suggested modifications. Lisa reported that the version which was distributed to Council (version dated 1/3/01) had been reviewed by the entire Executive Committee.

Motion: **Approve the ION's Co-Sponsorship of Meetings Policy (version dated 1/3/01) as submitted.** Motion made by Len Sugerman, seconded by Gerard Lachapelle and passed by the Council.

Appointment of ION's National Technical Meetings Program Committee

Karen Van Dyke recommended Jay Spalding to serve as Program Chair for the 2002 National Technical Meeting.

Motion: **The Council approve Dr. Pratap Misra as the General Chair and Jay Spalding as the Program Chair for the January 2002 National Technical Meeting which will be held at the Catamaran Hotel in San Diego, CA.** Motion made by John Lavrakas, seconded by Joe Portney and approved by the Council.

ION Meetings Report

Ken Holland, ION Meetings Chair, was unable to attend the meeting. Lisa Beaty presented the Meetings Report in his absence. See attached file: [meetings.pdf](#) (Adobe Acrobat, 8Kb)

In summary Lisa made the following points:

- An Annual Meeting with a strong co-sponsor has an average attendance of 353; without a strong co-sponsor the average attendance is 270.
- A California meeting, without a co-sponsor averages 462. This is in part due to the fact that Californians support meetings being held in their state better than ION members living in other states.
- California members support meetings with submission of papers. Technical programs held in California are 28% larger due to increased California participation in the technical program.

In Ken Holland's absence, Lisa asked the Council to consider whether the ION best serves the membership by locating ION meetings in more regionally diverse locations, or by providing a larger technical program; thereby providing a greater selection for attendees and increased opportunities for more members to present papers. It was also suggested that the more profitable

California meetings provide a greater economic subsidy of membership benefits for all ION members.

A discussion followed which addressed the ION's responsibility to locate meetings in all the ION's regions versus the economic impact of this decision. Karen Van Dyke suggested that the ION could accomplish both objectives (i.e., regionally diverse and profitable meetings) if a strong co-sponsor was identified. Ms. Van Dyke illustrated this point with the example of the CIGTF and Draper co-sponsored meetings.

Action: Len Jacobson, Sections Chair and Duncan Cox, Membership Chair, are to coordinate and work with Ken Holland, Meetings Chair, to see if other organizations could be identified as potentially strong co-sponsors for future ION meetings.

Strategic Planning for the ION Financial Reserves

Mike Braasch, Finance Chair, reported that the ION needed to identify goals for its investments. These goals in turn would dictate the method and means to be used to manage ION investments. Mike Braasch recommended that the Strategic Planning Committee address this question and bring a recommendation back to the Council.

Action: The Strategic Planning Committee prepare a recommendation for Council as to the goals and objectives for the ION reserve fund. This recommendation in turn will be used to identify investment goals.

For a status of the ION's current Fidelity investments see the attached: [investmentstatus.pdf](#)

2001-2002 Budget

Larry Hothem, ION Treasurer, reviewed ION's current financial status.

See attached file: [financialstatus.pdf](#)

Larry then reviewed the current 2001-2002 budget (see attached file: [budget.pdf](#)) and noted the increase in expenses were due to the increase in staffing with the hire of Carl's full-time assistant last year (whose costs have thus been incorporated into next year's budget) and the Executive Committee's approval for an additional full-time hire to manage the ION's information systems next year.

It was reported that an advance copy of the 2001-2002 Budget had been circulated to the Executive Committee, Finance Chair, Meetings Chair and Satellite Division Chair and Treasurer for review in December 2000. Any comments were incorporated into the budget being presented.

It was also noted that with the costs of new program development (notably the expansion and maintenance of the ION's web site) the ION is now spending what it is bringing in.

Motion: Approve the ION's 2001-2002 Budget as submitted. Motion made by Mike Braasch, seconded by John Racquet and passed by the Council.

Congressional Fellow Report

See attached [congressionalfellow.pdf](#)

Phil Ward, 2001 Congressional Fellow, provided some background on what a Congressional Fellow does and on the American Society for the Advancement of Science (AAAS) sponsorship of this program.

Phil Ward recommend the ION review our bylaws and determine if the ION could, and/or should, use the National Office to keep its members in touch with the legislation process transpiring in the navigation industry. There was some discussion that followed as to the difference between the ION acting as source of information and actively lobbying Congress. Carl Andren suggested Phil Ward cover this issue in the report he will submit at the end of his fellowship.

ION/NAA Call for Proposals

Carl Andren reported that the deadline for submitting proposals had been extended due to lack response.

See attached: NAA Request for Proposal	naaproposal.pdf
NAA Requirements Document	naarequirements.pdf
NAA Sporting Code	naasportingcode.pdf
NAA Memo of Agreement	naamemo.pdf

IMU Interface Update

Jim Doherty, ad hoc IMU Interface Chair, reported he had attended the last Federal Navigation Users Group Meeting. The FRP suggested they were too far along in their process to incorporate all of John McHale's suggestions presented at the June 2000 ION Council meeting, but that maybe they could add "TIMING" into title of document and include timing systems.

Jim Doherty also reported that in researching the FRNP he discovered its goal was to develop a plan to reduce the proliferation of different navigation systems. It was suggested that as the FRNP moves forward, timing requirements were going to drive requirements more than some of the navigation requirements.

Karen Van Dyke asked Jim Doherty 1) what he believed the role of the ION was in these activities; 2) whether or not the ION's charter permitted the ION as an organization to participate; and 3) if the ION's charter does allow for ION participation, the ION needed to evaluate the merits of being involved before becoming so.

OTHERION Conference Advisory Committee, Land Representative Report

See attached: [landreport.pdf](#)

Re-Address IAIN's Rebate from ION/IAIN June 2000 Meeting

Phil Ward presented a request from Keith McDonald, Past IAIN President, that the ION readdress the division of the proceeds from the combined June 2000 meeting. Due to the time constraints of the meeting the Council deferred this action to the ION Executive Committee. See *Postscript* below.

The meeting was adjourned at 6pm.

Postscript:

With Karen Van Dyke's consensus, Per Enge (ION President in June 2000) met with Keith McDonald (Past President of IAIN and currently an IAIN VP) in February 2001 to discuss the request made to Council in January 2001 to readdress the ION/IAIN agreement regarding the division of ION/IAIN meeting proceeds. Based on this conversation, and a separate meeting Per Enge had with Karen Van Dyke (current ION President), and both Carl and Lisa (National Office), Per Enge proposed the following motion to the Executive Committee which had endorsement from both Karen Van Dyke and Keith McDonald:

Motion: The ION rebate the IAIN an additional \$7,000 of revenue from the ION/IAIN meeting (this is in addition to the \$4,400 previously paid to IAIN). This would bring the ION's contribution to the IAIN up to \$11,400; which represents slightly less than 50% of the meeting's total profit.

The Executive Committee was informed that this recommendation was made for the following reasons:

- 1) Following the January Council meeting, and upon review of some of the meeting's early planning documents, an error in the ION/IAIN budget was detected. It could be argued that this error may have resulted in the IAIN planning committee being misinformed on the meeting's total expenses and their potential rebate from the meeting. (Note that final revenues and expenses as reported by the National Office are accurate.)
- 2) The IAIN has agreed that no additional rebate requests, or any other issues associated with the ION/IAIN meeting, will be submitted to Council in the future. The additional \$7,000 contribution will provide closure to the ION/IAIN meeting and ensure the US ION is represented in a generous and positive manner in the international community.

Per further reported to the Executive Committee that it was his optimistic hope that these funds would enable the IAIN to run more independently in the future; and inspire them to take on an expanded role in the international navigation community.

The motion authorizing an additional \$7,000 rebate to IAIN was approved by the Executive Committee; funds were dispersed in February 2001. The following letter was sent to the IAIN Treasurer with the \$7,000 check and copied to the IAIN President, Keith McDonald and circulated to the Executive Committee:

February 23, 2001

*Dr. Jac Spaans
IAIN Treasurer
Netherlands Institute of Navigation
Willemskade 21
Rotterdam 3016-DM
THE NETHERLANDS*

Dear Dr. Spaans,

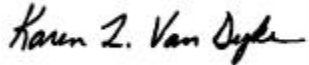
Enclosed you will find check #8226, dated 2/9/01, for \$560.00 which represents revenue from miscellaneous ION/IAIN meeting proceedings sales that transpired after the initial rebate was sent in September 2000. Under the terms of the signed ION/IAIN meeting agreement, executed by then ION President Per Enge and then IAIN President Keith McDonald, these revenues are owed to IAIN.

Keith McDonald, Past President of IAIN, has since petitioned the ION Executive Committee to readdress the division of the ION/IAIN meeting's proceeds. The ION's Executive Committee has motioned that an additional \$7,000 earned at the ION/IAIN meeting be rebated to IAIN. (You will find check #8251, dated 2/23/01, for \$7,000.00 enclosed.) This will bring the ION's total June 2000 meeting rebate to IAIN to \$11,442.00. This represents approximately 47% of the meetings total profit.

This request for an increased rebate was approved by the ION Executive Committee based on the condition that Keith McDonald, an official representative for IAIN, agreed that no additional rebates/rebate requests, or any other issues associated with the June 2000 ION/IAIN meeting, would be submitted to the U.S. ION, or any of its officers in the future.

It is our intention that these funds will enable the IAIN to run more independently in the future and inspire IAIN to take on a useful role in the international navigation community. We wish you great success with your next international congress.

Sincerely,



*Karen Van Dyke
ION President*

*CC: ION Executive Committee
Dr. Peter Voersmann, IAIN President
Keith McDonald, Past IAIN President*