

**MINUTES OF THE  
OUT-GOING COUNCIL MEETING  
(January 27, 2008)**

Subject to the approval of the ION Council the following minutes are submitted. The Council Meeting was called to order on January 27, 2008 at the Catamaran Resort Hotel, San Diego, CA at 1pm. Those present were:

**VOTING COUNCIL MEMBERS:**

<u>Name</u>	<u>Out-Going Office Held</u>	<u>In-Coming Office Held</u>
John Lavrakas	President	Immed. Past Pres. /Nominating Chair
Chris Hegarty	Executive VP/ Strategic Planning Chair	President
John Clark	Treasurer	
Mikel Miller	Eastern VP	Executive VP
Tom Stansell	Western VP	
AJ Van Dierendonck	Satellite Division Chair	Satellite Division Chair
Jim Doherty	Immediate Past President	Past President
Mitch Narins	Eastern Council M-at-L	
Susan Skone	Western Council M-at-L	Western Council M-at-L
Richard Langley	Space Rep.	Space Rep.
Jim Simpson	Space Rep., DC Section Chair	Space Rep., DC Section Chair
Maarten Uijt Hagg	Air Rep.	
Gary McGraw	Air Rep.	Air Rep.
Jim Miller	Land Rep.	
Patricia Doherty	Land Rep., New England Sec. Chair	Land Rep., New England Sec. Chair
David Wolfe	Marine Rep.	
Lee Ott	Marine Rep.	Marine Rep.
Todd Walter	No. CA Section Chair, Awards Chair	Western VP, No. CA Section Chair
Jacob Campbell	Dayton Section Chair	Dayton Section Chair
Clyde Edgar	So. California Section Chair	Eastern Council M-at-L, So. California Section Chair
Phil Simpson	New Mexico Section Chair	New Mexico Section Chair
Patricia Doherty	Land Rep, New England Section Chair	Land Rep, New England Chair
Jerry Knight	So. CA Section Chair	So. CA Section Chair
Len Jacobson	Finance Chair	
Dr. Frank van Graas	Meetings Chair/Past President	Meetings Chair/Past President
Doug Taggart	Bylaws Chair	
Penny Axelrad	Past President	Past President
Per Enge	Past President	Past President
Richard Greenspan	Past President	Past President
Ron Hatch	Past President	Past President
Larry Hothem	Past President	Past President
Bill Klepczynski	Past President	Past President
Keith McDonald	Past President	Past President
Karen Van Dyke	Past President	Past President
Phil Ward	Past President	Past President

**VOTING MEMBERS AT IN-COMING COUNCIL:**

<u>Name</u>	<u>Out-Going Position Held</u>	<u>In-Coming Position Held</u>
Capt. Richard Hartnett		Marine Rep.
Clark Cohen	Government Fellows Chair	Government Fellows Chair
John Betz		Treasurer
Jade Morton		Eastern Council M-at-L
Adam Fisher		Space Rep.
Tim Murphy		Air Rep.
Andrey Soloviev		Land Rep.

**NON-VOTING MEMBERS:**

<u>Name</u>	<u>Out-Going Position Held</u>	<u>In-Coming Position Held</u>
Casey Miller		
Caroline New		
Frank Czopek		
Lisa Beaty	Director of Operations	Director of Operations
Carl Andren	Technical Director	Technical Director

It was determined that a quorum was achieved. Those present were advised that only out-going council members, consisting of out-going elected officers, standing committee chairs, section chairs and past presidents, should vote during the out-going council meeting and vice versa for the in-coming council meeting.

**AGENDA**

See Attached File: [Agenda – January 2008.doc](#)

Approval April 2007 Council Meeting Minutes: J. Lavrakas

**Motion:** Council approves the April 2007 Council Meeting Minutes as submitted. Motion made by David Wolfe, seconded by Doug Taggart and passed by Council.

President's Report: J. Lavrakas

See Attached File: [President's Report.doc](#)

John Lavrakas, President, read his report into the minutes.

Executive VP & Strategic Planning Report: C. Hegarty

See Attached File: [Executive VP Report.doc](#)

Chris Hegarty, Executive Vice President, reported that this past year he had reviewed and updated the ION's Strategic Plan, reviewed the role of the Technical Committee to ensure the Technical Representatives were being used adequately, and worked to fulfill the purpose of the Conference Committee in providing guidance on the selection of timely session topics.

Additionally, Dr. Hegarty reported that it would be helpful to update and expand the description of the Council position responsibilities.

**Action:** Carl Andren to work with Dr. Hegarty in updating and expanding Council position descriptions to clearly identify what the ION expects of its officers. A draft version of these updated Council position descriptions shall be provided at the May Council meeting.

Eastern Region VP Report: M. Miller

Mikel Miller, Eastern Region VP, reported that he had visited the DC and Dayton sections this past year and he encouraged the newly elected regional VP's to visit the local sections within their regions.

Mike Miller also reported that the petition for section approval had been submitted to the National Office for a proposed South Eastern Section. It was reported that the section boundaries would include the State of Florida with hopes that after the section was formed members from surrounding states such as Georgia, Alabama, Mississippi and Louisiana would also participate. The interim section chair until elections can be held was reported to be:

CAROLINE A. NEW, 2Lt, USAF  
 Developmental Electrical Engineer, AFRL/RWGN  
 101 W Eglin Blvd Rm 152  
 Eglin AFB, FL 32542  
 P: 850-882-0673  
 E-mail: [Caroline.new@eglin.af.mil](mailto:Caroline.new@eglin.af.mil)

**Motion:** Council approved the South Eastern Section pending receipt of their section's bylaws within thirty days as required by the bylaws. Motion made by Mike Miller, seconded by Jim Doherty and passed by Council.

*Postscript: South Eastern Section Bylaws were received by the National Office and approved by the ION president in February. See Attached File: [South Eastern Section Bylaws 2-6-08 Approved Pres.doc](#)*

Western Region VP Report: T. Stansell

Tom Stansell, Western Region VP, reported that the western region's activities were transpiring smoothly. Stansell also reported that he had received notice from Demoz Gebre-Egziabher that he had petitioned Council to form a section in the Minneapolis-St. Paul area.

See Attached File: [Minnesota Section Request.pdf](#)

**Motion:** Council approves the Minnesota Section request pending receipt of required documentation (membership petition, interim section chair contact information and section bylaws). Motion made by Tom Stansell, seconded by Per Enge and passed by Council.

Clyde Edgar, Southern California Section Chair, reported that the section had elected Jerry Knight as in-coming Section Chair and that Jim Litton was in process of putting together an impressive list of speakers for upcoming section events.

Nominating Committee Report/Election Results: J. Doherty

See Attached File: [Nominating Report 2008.doc](#)

Jim Doherty reported that this year's committee was made up of: Jim Doherty (chair), Dr. Chris Hegarty, Dr. Mikel Miller, and Ms. Karen Van Dyke from the Eastern Region; and Dr. Penny Axelrad, Mr. John Lavrakas, and Dr. Todd Walter from the Western Region.

The election slate was developed based on the ION database of potential nominees for Council positions, as well as recommendations from ION members. The committee rank-ordered nominees for each Council position through a voting process. The top two candidates for each Council

position (other than President) who accepted the nomination and the results of the election for the 2008 ION Council are listed below.

The 2008 Election Slate:

President:	Dr. Christopher Hegarty, The MITRE Corporation
Executive Vice President:	Mr. Len Jacobson, Global Systems and Marketing Inc. Dr. Mikel Miller, Air Force Research Laboratory /MNG
Treasurer:	Mr. John Betz, The MITRE Corporation Mr. John Clark, The Aerospace Corporation
Eastern Region VP:	Dr. Dorota Grejner-Brzezinska, The Ohio State University Dr. Clark Cohen, Consultant
Western Region VP:	Dr. Naser El-Sheimy, University of Calgary, Canada Dr. Todd Walter, Stanford University
Eastern Council M-at-L:	Dr. Jade Morton, Miami University Dr. Maarten Uijt de Haag, Ohio University
Western Council M-at-L:	Mr. Clyde Edgar, The Aerospace Corporation Dr. Sherman Lo, Stanford University
Space Representative:	Mr. Adam Fisher, U.S. Air Force Mr. James Miller, NASA Headquarters
Air Representative:	Dr. Jacob Campbell, Air Force Research Laboratory Mr. Tim Murphy, Boeing
Land Representative:	Mr. Rudy Persaud, USDOT/FHWA Dr. Andrey Soloviev, Ohio University
Marine Representative:	Capt. Richard Hartnett, U.S. Coast Guard Academy Mr. David Wolfe, U.S. Coast Guard

The 2008 Elected Officers:

President:	Dr. Chris Hegarty, The MITRE Corporation
Executive Vice President:	Dr. Mikel Miller, Air Force Research Laboratory
Treasurer:	Dr. John Betz, The MITRE Corporation
Eastern Vice President:	Dr. Dorota Grejner-Brzezinska, Ohio State University
Western Vice President:	Dr. Todd Walter, Stanford University
Eastern Council Member-at-Large:	Dr. Jade Morton, Miami University
Western Council Member-at-Large:	Mr. Clyde Edgar, The Aerospace Corporation
Space Representative:	Capt. Adam H. Fisher, Air Force Research Laboratory
Air Representative:	Mr. Tim Murphy, Boeing
Land Representative:	Dr. Andrey Soloviev, Ohio University
Marine Representative:	Capt. Richard Hartnett, U.S. Coast Guard Academy

It was reported that the voting took place electronically and 192 votes were cast from an eligible voting pool of 2507.

Notification of Annual Awards Committee Formation: J. Lavrakas

John Lavrakas, President, reported that he had verified eligibility and approved proposed committee members submitted by Todd Walter, Annual Awards Committee Chair.

Approval of 2008 ION Fellows: G. Lachapelle

It was reported that membership of the 2008 ION Fellow Section Committee had consisted of the following ION Fellows: Gerard Lachapelle (Chair), Penina Axelrad, John Betz, Richard Greenspan, Karen Van Dyke and Todd Walter.

The Fellow Selection Committee recommended the following to be inducted as fellows in 2008: James Doherty, Marvin May and Mikel Miller. It was noted that no honorary or posthumous fellows were elected in 2008.

**Motion:** Council elects James Doherty, Marvin May and Mikel Miller as the ION's 2008 Fellows. Motion made by Phil Ward, seconded by John Lavrakas and passed by the Council.

Bylaws Report: D. Taggart

See Attached Files: [Bylaws Report Action to Amend Bylaws.ppt](#)  
[Bylaws Proposed 2008.doc](#)

Doug Taggart, Bylaws Chair, advised Council that the President had requested action on a proposed bylaws change as a result of the September 26, 2007 ION Executive Committee meeting. It was reported that notice of the proposed bylaws changes, in accordance with Article XVII (Amendments), Section 5, were sent to Council via e-mail in October 2007 and again in December 2008. The requested changes were summarized as follows:

**Motion:** Council amends the bylaws to accomplish the following:

- **ADD ONE ELECTED MILITARY REPRESENTATIVE TO COUNCIL:** It is proposed that an elected military representative be added to Council. This will provide the ION with an important liaison to the military as it considers its technical programs and initiatives. It is proposed that the elected military representative serve for a term of one year.
- **ADD ONE ELECTED INTERNATIONAL REPRESENTATIVE TO COUNCIL:** It is proposed that an elected international representative be added to Council. This will provide the ION with a liaison to the international community as it considers its technical programs and initiatives. The ION's membership is approximately 40% international. However, the officers as currently defined in the bylaws allow for very few Council positions that can be held by an international member. The international representative will replace one of the Council Members-at-Large and thereby increase the ION's international membership

representation on Council. It is proposed that the elected international representative serve for a term of one year.

- **REDUCE THE NUMBER OF COUNCIL MEMBERS-AT-LARGE FROM TWO PER REGION TO ONE PER REGION & CHANGE THEIR TERM OF SERVICE FROM TWO YEARS TO ONE:** It is proposed that this be implemented for the 2009 nominations such that the in-coming Council Member-at-Large to take office in January 2008 will serve for a one year term rather than a two year term. This will keep the region's representational Council Member-at-Large officers on the same annual election schedule as the representational eastern and western vice presidents and allow for smoother transition of officers. It will also simplify the position responsibilities by assigning a single person to provide support to the regional vice presidents.
- **DELETE THE SECTIONS COMMITTEE & SECTIONS CHAIR:** This proposal will eliminate the duplication of duties between the regional vice presidents and the Sections Chair as currently defined in the bylaws. The Executive Committee felt there is adequate presentation on Council from the local sections as each section chair is currently a voting member of Council.

If adopted as proposed, the net change in Council membership would be a reduction of one voting member of Council (Sections Committee Chair).

The motion was put before Council and the floor was opened to debate. There was considerable discussion.

- Keith McDonald stated that there needed to be a purpose or problem to solve in order to change the bylaws and felt the positions should be better defined and not require a bylaws change.
- David Wolfe suggested that the two year term is more effective for a new technical representative on Council and that new officers need more than one year. He also suggested that adding a military rep may be a negative and pointed out that many newly elected officers already represent the military. There were also questions about whether or not the proposed military rep was US only or from any military.
- Mitch Narins indicated that ION interacts with international institutes of navigation and as such does not need an international rep on Council to make this happen.
- Gary McGraw suggested if it is desirable to have an international rep, why not implement this in the same manner as the regional VP's and Council members at large.
- AJ Van Dierendonck stated that other institutes of navigation do not have US representation on their boards, and questioned why the ION should allow international representation on ours.
- Larry Hothem spoke in favor of the international representative as international members had approached Hothem and asked for better representation on the ION's program committees, etc. He suggested an international rep could be an appointed/ad hoc position like the Satellite Division's International Technical Representatives.
- Penny Axelrad agreed with the goal of increasing military and international representation. However, it was her opinion that this should be accomplished with the Nominating Committee. She suggested that the Nominating Committee needed to be more deliberative on how they put together a slate (i.e.: run two military people against each other to ensure military representation).

- Len Jacobson and Mikel Miller, both former Section Chairs, strongly agreed with the motion to delete the Sections Committee from the bylaws as a standing committee as it was a redundant position.
- Chris Hegarty suggested that in order to decide whether ION had adequate participation of any specific type, the ION first needed to clarify the role of its current officers.

**Motion:** **Defer the primary motion above until the next Council meeting.** Motion made by Keith McDonald. Motion failed.

**Motion:** **Bylaws be amended as proposed in the original motion outlined above.** Motion made by John Lavrakas and seconded by Doug Taggart. Motion failed.

**Action:** **Chris Hegarty to form a committee to reassess the ION's leadership structure, as defined in the bylaws. This ad hoc committee shall present proposed recommendations for change, if needed, to Council at a future Council meeting.**

Treasurer's Report: J. Clark

### **Financial Statements & Audit Report for FY 2006-'07:**

See Attached Files: [2007 AFS 3-31-07.pdf](#)  
[2007 SAS-61 3-31-07.pdf](#)  
[2007 SAS-112 3-31-07.pdf](#)  
[6 Year Totals 3-31-07.ppt](#)

John Clark, Treasurer, stated the prepared materials for the ION's 2006-'07 fiscal year were available for review. Mr. Clark reported that the ION's auditors had conducted a thorough audit of the 2006-'07 fiscal year and found no abnormalities. Furthermore, Council was advised that the Executive Committee had received copies of all audit materials in June 2007 and held an Executive Committee meeting September 27, 2007 to review the materials provided by auditor LarsonAllen. He reported that the ION was financially very stable.

Highlights of the prepared reports included \$40,517 (1%) increase in total assets in the past year. It was also noted that the value of the ION's National investments had increased by 8.4% and the Satellite Division's had grown by 9.5%. It was also reported that as of 3/31/07 the ION's Reserve Fund had a balance of \$2,643,407. Additionally, it was reported that FY 2006-'07 direct program revenues had slightly exceeded direct program expenses despite the 2006-'07 budget being passed with a \$116K deficit and an additional \$180K in new initiative expenses.

**Motion:** **Council accepts the 2006-'07 audit report as submitted by LarsonAllen.** Motion made by Doug Taggart, seconded by Jim Doherty and passed by Council.

### **Budget Approval FY 2008-'09:**

See Attached Files: [2008-09 Budget.pdf](#)

John Clark, Treasurer, introduced the proposed budget and reported to Council that the budget had been reviewed and discussed via telecon by the ION's Executive Committee on January 8, 2008.

Lisa Beaty then reviewed the budget, the status of the reserve fund and the funding levels available in the new initiatives fund with the Council.

- It was noted that the budget currently has a \$15K deficit. This means, worst-case scenario, ION would use \$15K of excess reserve funds to fund the fiscal year. However, dividends on investments last year exceeded \$206K and there was another \$44K earned in market appreciation. Worst case scenario, ION would have to use a small portion of investment earnings next year. The reason dividends and market earnings are not included in the budget as revenues are because currently these earnings are automatically reinvested and require Council approval to liquidate. (The ION Council approved the 2006-'07 budget with a \$116K deficit but ended the year with a \$265K excess; and the 2007-'08 budget with a \$54K deficit and we will also end the current FY with an excess.)
- It was noted that the current budget included increasing meeting registration fees to competitive market rates. Budgeted registration fees are still competitive with other conferences. (It was noted that the Satellite Division approved the increase for ION GNSS 2008 meeting registration fees at their September 2007 Executive Committee meeting.) It is also planned to include complimentary on-line paper downloads of conference papers for eligible registrants in the registration fees. While this is the first time the ION's base registration rate will have moved above the \$800 mark, compared to other similar conferences/organizations, ION registration rates are still a good value when included catered meal functions are considered
- It was noted that the current budget includes a \$20 per year increase for membership (excluding libraries which increased a year ago). This is the first membership dues increase since 2002. The \$20 increase averages to an annual increase of 5% per year for the last seven years.
- It was noted that the proposed budget also includes a proposed retirement benefits package for the ION staff. This new benefit was approved by the ION Executive Committee during a January 2008 budget telecon and was ratified at the Council meeting.
- Note that Satellite Division expense items itemized in italics on page 9 under "SATELLITE DIVISION" are for informational purposes only. The Satellite Division retains autonomy to expend their funds separate from those of the national organization and as such these numbers may be altered at a future date.

**Motion:** Council approves the ION 2008-'09 National Budget as submitted. Motion made by Tom Stansell, seconded by Doug Taggart and passed by the Council.

**Motion:** Council approves the circulated change to page 11 of the ION Personnel Handbook. Specifically, this change shall add to the staffs' retirement benefits package to allow for automatic monthly elective employer contributions of 10% of each permanent employee's monthly wage directly to the employee's established 403(b) mutual fund(s) of their choice as organized and offered through Fidelity, subject to the ordinary dollar

maximum allowed by law. This benefit is in addition to the existing 7% employee matching program that currently exists.

See Attached File: [Personnel Handbook Proposed Jan 2008.doc](#)

Motion made by Tom Stansell, seconded by David Taggart and passed by the Council.

Keith McDonald requested Council make the matching contribution retro active to some period of time. Lavrakas suggested that the policy be left as proposed with no retroactive compensation.

John Lavrakas expressed gratitude for John Clark's six years of service as Treasurer.

### **ION Reserve Fund Status/Investment Policies:**

Council was reminded that during their April 27, 2007 meeting, Council approved a change to the ION investment policy. Lisa Beaty presented a visual that outlined the budgeted investment levels per the policy and the actual account balances as of 12-31-07.

See Attached Files: [Reserve Fund 12-31-2007.ppt](#)

It was noted that due to market values, currently there was less money in the operating fund and short term fund than should be allocated and a greater balance in the intermediate and long term accounts. While Lisa made Council aware of the ION's current position, she advised against re-balancing the accounts at this time due to market conditions. It was stated that the Executive Committee is authorized to regularly rebalance any of the ION's investments to meet the ION's Investment Policy and that the National Office would continue to monitor these funds.

### Meetings Report: F. van Graas

See Attached File: [Meetings Report Jan 2008.ppt](#)

Frank van Graas, Meetings Chair, reported that the JSDE had signed the ION's MOA for a jointly sponsored Joint Navigation Conference in 2009. It was reported the MOA had been modeled after the MOA signed with IEEE AESS to co-sponsor PLANS. It was reported the JNC 2009 would be held in an FOUO/classified environment, with the goal of eliminating one (more) competing meeting per year, and of offering a unique military/government meeting within the ION's meeting repertoire. The meeting was to be held in early May 2009 in Orlando, Florida.

There was some concern raised over the fact that some ION members would be excluded from participating due to the JNC's FOUO environment. Lisa Beaty pointed out that this would give these members one less meeting to fund, provide the ION with a unique military oriented product, and serve to differentiate all of the ION's meetings. It was suggested that ION needed to make it clear how one obtains a visit request to attend an FOUO meeting and that the ION watch this experiment carefully.

It was also reported that the annual awards, which have traditionally been presented at the spring meeting, will need to be presented at the January meeting beginning in January 2009 for an indefinite period of time. This will require the annual awards nomination deadline and schedule to parallel that of the fellows committee.

**Motion:** Council approves ION's co-sponsorship of the JNC 2009, jointly sponsored by the Joint Services Data Exchange (JSDE) and ION. Motion made by Phil Ward, seconded by Doug Taggart and passed by the Council.

Editor's Report: B. Pervan

See Attached File: [Publications Report.doc](#)

Mini-Urban Challenge: C. Miller & Caroline New

See Attached File: [Mini Urban Challenge Proposal.ppt](#)

**Motion:** Council approves \$20K from the 2008-'09 new initiatives budget, and matching funds of up to \$40K in 2009-'10, contingent upon progress being made in the first year. A status report shall be presented at the January 2009 Council meeting. Motion made by Phil Ward, seconded by Keith McDonald and passed by Council.

ION Code of Ethics: L. Hothem

Report deferred.

Appointment NTM 2009 Program Chair: J. Lavrakas

John Lavrakas advised Council that Patricia Doherty had been appointed as the NTM 2009 Program Chair.

**Motion:** Pat Doherty approved as NTM 2009 Program Chair. Motion made by Jim Doherty, seconded by Bill Klepczynski and passed by Council.

## **OTHER BUSINESS**

### Sustainable Development in Navigation & Science Technology in Africa

Pat Doherty presented a report on international partnership for sustainable development in navigation and science technology in Africa. She stated that she is looking for people from ION to go to Italy to teach classes for various African leaders and scientists and would like ION to assist in this effort by providing ION member instructors and sponsoring their travel expenses. Workshops would last 3-4 weeks.

**Motion:** Council approves up to \$50K from the new initiative fund for the purpose of supporting ION member instructors travel to participate in the workshops for sustainable development in navigation and science technology in Africa. Pat Doherty to follow through with ION President in coordination of instructor invitations. Motion made by Phil Ward, seconded by Mike Miller and passed by the Council.

Rank Order Voting Election Method: C. Cohen

Clark Cohen presented Council information on an idea to provide rank ordered voting for Council Member-at-Large seats that would accommodate military, international and regional representation of Council while not requiring any formal definition of focus areas. Cohen recommended the ION implement some form of rank order voting.

See Attached Report: [Nominating Voting Proposal Single Transferable Vote.ppt](#)

It was also noted that rank order voting would emphasize quality and not quantity of the nomination slate, emphasize diversity of the candidate pool and ease the burden of the Nominating Committee.

The meeting adjourned at 5:15 p.m.

MINUTES OF THE  
IN-COMING COUNCIL  
(January 27, 2008)

Appointment Standing and Ad Hoc Committee Chairs: C. Hegarty

Chris Hegarty, in-coming president, congratulated all in-coming members of Council and presented the following committee chair names to Council for approval:

Standing Committee Chairs:

Nominating:	John Lavrakas
Finance:	Len Jacobson
Membership:	
Fellow Selection:	
Technical Committees:	Mikel Miller
Publications:	Boris Pervan
Meetings:	Frank van Graas
Awards Selection:	Todd Walter
Bylaws:	Doug Taggart
Sections:	
Outreach:	

Ad Hoc Committee Chairs:

Editor:	Boris Pervan
New Initiatives:	John Lavrakas
Strategic Planning:	Mikel Miller
ION Conference Committee:	Mikel Miller
Publication Policy:	Ron Braff
Historian:	Marvin May
Government Fellows:	

**Motion:** Council approve all committee chairs as listed above. Motion made by Chris Hegarty, seconded by Mikel Miller and passed by the Council.

*Postscript: Chris Hegarty, ION President, appointed the following committee chairs in February/March 2008 that will be presented to Council for ratification at the May 2008 Council meeting:*

*Standing Committee Chairs:*

*Membership:*

*Jim Doherty*

*Fellow Selection:*

*Karen Van Dyke*

*Outreach:*

*TBA*

*Ad Hoc Committee Chairs:*

*Government Fellows:*

*Clark Cohen*

Members-at-Large Seats- Single Transferable Vote: C. Cohen

Clark Cohen recommended the Council implement a system of ranked order voting as part of the ION's election process. Cohen suggested rank order voting focused on quality verses quantity and stated that this was a tool that could be used by the Nominating Committee for Council Member-at-Large, and potentially Technical Area Reps, seats on Council.

Hegarty suggested that ION needs to do a complete review of the Council structure, and indicated that it will take more time than is currently available. Hegarty suggested a committee be formed to look at Council structure.

**Action:** Hegarty to form a committee to look at the ION's Council structure. This committee shall report at the May Council meeting.

Robotic Lawn Mower Competition: M. Miller

It was reported that the fifth annual Robotic Lawn Mower Competition would be held in June and that Jacob Campbell was taking over primary responsibility for this activity. Campbell reported that he expected approximately 14 universities to participate in 2008.

Meeting adjourned at 5:40 p.m.

Additional Documents Included with these Minutes:

Council Directory 08-09.doc (contact the ION National Office to obtain directory)