MINUTES OF THE
OUTGOING COUNCIL MEETING
(January 25, 2015)

Subject to the approval of the ION Council, the following minutes are submitted. The Council Meeting was called to order on January 25, 2015 at the Laguna Cliffs Marriott, Dana Point, CA at 1:00 p.m. Those present were:

VOTING COUNCIL MEMBERS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Outgoing Office Held</th>
<th>Incoming Office Held</th>
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<tbody>
<tr>
<td>Patricia Doherty</td>
<td>President</td>
<td>Immediate Past President</td>
</tr>
<tr>
<td>Dorota Grejner-Brzezinska</td>
<td>Executive VP</td>
<td>President</td>
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<tr>
<td>Frank van Graas</td>
<td>Treasurer, Past President</td>
<td>Treasurer, Past President</td>
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<tr>
<td>Jan Anszperger</td>
<td>Eastern Region VP</td>
<td>Military Division Chair</td>
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<td>Sherman Lo</td>
<td>Western Region VP</td>
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<tr>
<td>Todd Walter</td>
<td>Immediate Past President</td>
<td>Past President</td>
</tr>
<tr>
<td>John Betz</td>
<td>Satellite Division Chair</td>
<td>Satellite Division Chair</td>
</tr>
<tr>
<td>Young Lee</td>
<td>Eastern Council M-at-L</td>
<td>Eastern Council M-at-L</td>
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<tr>
<td>Jason Rife</td>
<td>Western Council M-at-L/Section Ch</td>
<td>So Cal Section Ch</td>
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<tr>
<td>Steve Rounds</td>
<td>Air Representative</td>
<td>Air Representative</td>
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<td>Terry Moore</td>
<td>Marine Representative</td>
<td>Marine Representative</td>
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<td>Michael Meurer</td>
<td>Space Representative</td>
<td>Space Representative</td>
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<td>Dana Goward</td>
<td>Land Representative</td>
<td>Land Representative</td>
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<tr>
<td>Megan Mitchell</td>
<td>Space Rep.</td>
<td>Western Council M-at-L</td>
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<td>John Nielson</td>
<td>Meetings Chair</td>
<td>Meetings Chair</td>
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<tr>
<td>Richard Hartnett</td>
<td>Finance Chair</td>
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<td>Doug Taggart</td>
<td>Bylaws Chair</td>
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<td>John Clark</td>
<td>Past President</td>
<td>Past President</td>
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<td>Gary McGraw</td>
<td>Past President</td>
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<td>Chris Hegarty</td>
<td>Past President</td>
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<td>Larry Hothem</td>
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<tr>
<td>Karen Van Dyke</td>
<td>Past President</td>
<td>Past President</td>
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VOTING MEMBERS AT INCOMING COUNCIL:

<table>
<thead>
<tr>
<th>Name</th>
<th>Incoming Position</th>
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<tbody>
<tr>
<td>John Raquet</td>
<td>Executive Vice President</td>
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<tr>
<td>Greg Turetzky</td>
<td>Eastern Vice President</td>
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<tr>
<td>Olivier Montenbruck</td>
<td>Space Representative</td>
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<tr>
<td>Zainab Syed</td>
<td>Land Representative</td>
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<tr>
<td>Sanjeev Gunawardena</td>
<td>Eastern Council M-at-L</td>
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<tr>
<td>Tim Murphy</td>
<td>Membership Chair</td>
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NON-VOTING PARTICIPANTS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Outgoing Position Held</th>
<th>Incoming Position Held</th>
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<tbody>
<tr>
<td>Lisa Beaty</td>
<td>Executive Director</td>
<td>Executive Director</td>
</tr>
<tr>
<td>Francine Vannicola</td>
<td>PTTI General Chair</td>
<td>PTTI General Chair</td>
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<tr>
<td>Frank Czopek</td>
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It was determined that a quorum was achieved.

**AGENDA**

See Attached File: Agenda – January 2015

**Approve September 8, 2014 Council Meeting Minutes:** P. Doherty

*Motion:* Council approves the September 8, 2014 Council Meeting Minutes as circulated. Motion made by S. Rounds, seconded D. Brzezinska by and passed by the Council.

**President’s Report:** P. Doherty

See Attached File: Presidents Report 1-25-15

Patricia Doherty, president, reported that the Executive Committee had taken the following actions since the last Council meeting:

- Approved the technical co-sponsorship of the International Navigation Conference (INC) 2015, February 24-26, 2015 in Manchester, England, and appointed ION Council members Terry Moore and Dorota Grejner-Brzezinska as ION liaisons to RIN for this event. (September 2014)

- Approved the FY 2013-’14 Audited Financial Statements, Governance Communication and Management Letters. (September 2014)

- Directed Lisa Beaty to take action to determine which local ION sections were active and take actions to dissolve inactive local sections. (September 2014)

- Reviewed and approved the proposed National Office Budget for FY 2015-’16 (April 1, 2015 - March 31, 2016) for circulation to Council for Council vote/ratification. (December 2014)

- The Executive Committee approved the 2014 Annual Award and 2015 Fellow Committees’ selections. (November 2014)

- Meeting dates and locations for IEEE/ION PLANS 2016, ITM/PTTI 2016 and ITM/PTTI 2017 were approved.

Additional items discussed included the status of the ION’s membership, which was reported to have rebounded six percent in the past year; it was reported that Thomas Reuters’ indexing of *NAVIGATION* to the Web of Science (beginning with volume 59, issue 1, 2012) is complete; recent ION meeting statistics were reviewed; an update was provided on the co-located ITM and PTTI meetings for January 2016; and an update on changes to the ION GNSS+ 2015 technical program was discussed.
Additionally, a review of the Council’s January 2015 action to have ITM technical papers peer reviewed for ITM 2015 was discussed. It was reported that ITM 2015 program chair (Jason Rife) had organized the meeting with intention of requiring advance peer review of ITM papers for both presentation and publication. However, an insufficient number of papers were submitted by the deadline to accommodate this initiative. In order to ensure a full ITM technical program the following accommodations were implemented: papers received by the deadline were peer reviewed (87 out of 119 papers were submitted for peer review); papers passing peer review will be designated in the conference proceedings as “peer reviewed”; and papers not passing peer review, or papers received after the deadline, will be included in the proceedings without a peer review designation. It was reported that the ITM 2016 program chair will continue to strive for full peer review of all ITM paper submissions. (Note that PTTI sessions will not have peer review.)

Council was asked to continue to look for opportunities to jointly sponsor or host new technical meetings or related events and to continue to look for new ways to increase and promote ION membership and visibility through participation at other PNT industry conferences and events.

Executive VP Report: D. Grejner-Brzezinska

See Attached File: Technical Committee Report 1-25-15

Dr. Grejner-Brzezinska, chair of the Technical Committee, explained that the Technical Representatives, as currently defined in the bylaws, are responsible to “answer inquiries in its area of interest; assist meeting chair, as requested, in obtaining speakers; assist the Editor as requested; promote its area of interest in any manner approved by the Council; and engage in such additional activities as approved by the Council.”

Historically, the ION’s Technical Representatives (Air, Land, Marine and Space Representatives) represented ION members who were primarily practical navigators, originating from both military and civilian air navigators. In the 1990’s, ION began garnering support from those interested in position-determining systems. Advancements in navigation technology enabled performance of the navigation function to become a subset of other activities, thus eliminating the need for specialist navigators for most applications.

It was noted that, while the designation of Technical Representatives as Air, Land, Marine or Space Representatives might not be important for general Council activity, most Technical Representatives self-identify in a specific capacity. This can make the nominations process difficult for both the Nominating Committee and the nominated individuals who do not always feel comfortable representing a specific discipline with which they may not self-identify.

During the September 2014 Council meeting, it was the general consensus of Council that having the ION’s current Technical Representatives, categorized as Air, Land, Marine or Space Representatives, does not accurately reflect the ION’s current membership. Council tasked the ION’s Technical Committee (chaired by the ION’s Executive Vice President and including the Air, Land, Space and Marine Representatives) and Bylaws Chair to form a committee (chaired by the ION’s Executive Vice President) and make a recommendation to Council at the January 2015 Council meeting as how to best address/designate technical representation on Council.
It was reported that the Technical Committee corresponded interactively through email on multiple occasions during October and November of 2014. There was a consensus reached among the committee members that:

- The current designations of air, land, marine and space representatives do not accurately reflect the membership.
- The current number of eight total Technical Representatives on Council is a good number and there is not a need to recommend a change to the total number of Technical Representatives’ Council seats.
- Any technical area designations should remain broad so that this issue does not have to be readdressed in the future in response to new technology.

It was reported that the committee considered the following actions:

1. Recommend no changes to the existing Air, Land, Marine and Space Representatives as defined in the current bylaws.
2. Recommend that Technical Representatives be designated according to pre-defined categories. Alternative designation suggestions included:
   a. Positioning, Navigation and Timing
   b. Aviation, Military, Commercial/Consumer and Survey
   c. Aviation, Military, Commercial/Consumer, Survey and Timing
   d. Government (includes military), Industry (commercial aviation and survey), Commercial (includes consumer devices) and Research (includes academia)
3. Recommend that Technical Representatives are nominated without any pre-determined designations. Technical Representative Nominees would formulate a short statement about the topics and areas for which he or she stands (similar to what is already done but more explicit with respect to the fields of interest, background, etc.). This statement would be included as part of the ballot. The nominating committee would ensure a balance between disciplines and representation among industry, government and academia; gender; and North American and international representation during the nominating process.

It was noted that voting procedures would need to be defined for this option. For example:

- Does the Nominating Committee nominate 16 candidates and ask the membership to select eight of the 16? Or, are 16 nominees even required under this system? Could the Nominating Committee Nominate 10 candidates and the top eight candidates would prevail?
- Right now, the bylaws determine winning nominees by “a majority of all valid votes cast ... if no candidate receives a majority, the winning candidate shall be determined by the outgoing Council from among the least number of candidates who received the most votes and whose total vote represents a majority.” If there are more than two
candidates for a running for a position, then it is difficult receive a “majority” based on our historical definition of a majority being greater than 50%.

It was reported that among the members of the Technical Committee 70% preferred that Technical Representatives be nominated without any pre-determined designations; while 20% preferred Technical Representatives be designated according to pre-defined categories; and this 20% recommended that those categories include Aviation, Military, Commercial/Consumer, Survey and Timing.

It was noted that the Technical Committee recognized that, because all incoming officers taking office in January 2015 will serve for a two-year period, there was time remaining before this issue has to be resolved (prior to the next ION election). The Technical Committee respectfully decided to postpone a formal recommendation to Council until after the committee receives feedback from Council during the January 2015 Council meeting. The committee requested additional guidance and direction from Council at this time. A discussion ensued.

McGraw noted he was afraid that technical representation on Council would not be balanced if they were not designated by specialty. Rife suggested the nominating committee needed to have foresight in putting together the right mix of nominees, that this would largely be controlled by how the election/vote is managed, and that these functions should be designated to the committee.

Patricia Doherty conducted an informal vote, during which two present preferred Technical Representatives be designated according to pre-defined categories, and the balance in attendance preferred we allow the candidates to self-identify.

Action: The Technical Committee shall come back to Council in September and propose method whereby nominees are allowed to self-identify their technical interests on the ballot; and proposed methods the Nominating Committee would use in structuring the election of technical representatives.

Eastern Region VP Report: J. Anszperger

See Attached File: Eastern Region Vice President Report

Western Region VP Report: S. Lo

Sherman Lo, Western Region VP, reported on the status of local sections in the western region. It was noted that Alberta, North Star and Southern California sections are active. The Northern California and Rocky Mountain Sections are noted to be taking action to reinvigorate.

Nominating Committee Report/Election Results: T. Walter

See Attached File: Nominating Committee Report

Todd Walter, Nominating Chair, reported that the 2015 Nominating Committee consisted of Todd Walter (Chair); James Doherty, Douglas Taggart and Pratap Misra from the Eastern Region; and Ronald Hatch, Penina Axelrad, and Mark Petovello from the Western Region.
The 2015 slate of nominees that were put on the ballot were:

**President:**
Dr. Dorota Grejner-Brzezinska, *The Ohio State University*

**Executive Vice President:**
Douglas Taggart, *Overlook Systems Technologies*
Dr. John Raquet, *Air Force Institute of Technology*

**Treasurer:**
Dr. Frank van Graas, *Ohio University*

**Eastern Region Vice President:**
Dr. Anthea Coster, *MIT Haystack Observatory*
Dr. Michael Veth, *Veth Research Associates*

**Western Region Vice President:**
Timothy Murphy, *Boeing*
Gregory Turetzky, *Intel Communications*

**Eastern Council Member-at-Large:**
Dr. Seebany Datta-Barua, *Illinois Institute of Technology*
Dr. Sanjeev Gunawardena, *Air Force Institute of Technology*

**Western Council Member-at-Large:**
Dr. Todd Humphreys, *University of Texas at Austin*
John Nielson, *Rockwell Collins*

**Air Representative:**
Dr. Patrick Henkel, *Technical University Munich, Germany*
Dr. Thomas Pany, *IFEN GmbH, Germany*

**Land Representative:**
Dr. David De Lorenzo, *Polaris Wireless*
Dr. Zainab Syed, *InvenSense, Canada*

**Marine Representative:**
Dr. Alan Grant, *General Lighthouse Authorities of the UK and Ireland*
Dr. Nobuaki Kubo, *Tokyo University of Marine Science and Technology, Japan*

**Space Representative:**
Dr. Oliver Montenbruck, *German Aerospace Center, Germany*
Dr. Jose Angel Avila Rodriguez, *ESA, The Netherlands*

It was reported that the following were elected by the membership and will serve from January 2105-January 2017:

**President:**
Dr. Dorota Grejner-Brzezinska, *The Ohio State University*

**Executive Vice President:**
Dr. John Raquet, *Air Force Institute of Technology*

**Treasurer:**
Dr. Frank van Graas, *Ohio University*
It was noted that, as part of the transition from a one year terms of office to a two year term of office, and with the goal of only holding an election every two years, the Council Members-at-Large and Technical Representatives whose two year terms would have expired in January 2016 had all been contacted by Lisa Beaty and agreed to serve an additional year term to help align the nominations and election calendars.

Dr. Walter expressed appreciation for the thoughtful participation of the nominating committee members and the willingness of all the candidates to stand for election.

Annual Awards Committee Report: P. Axelrad

See Attached File: Annual Awards Committee Report

It was reported that the 2014 Awards Committee had consisted of: Penina Axelrad (Chair), Patrick Reddan, John Raquet, Karen Van Dyke, Jan Anszperger, Gerard Lachapelle and Larry Hothem.

The committee selected the following as the recipients of The Institute of Navigation’s Annual Awards.

Early Achievement: Dr. Mathieu Joerger
Superior Achievement: Captain Samantha Ekwall
Weems: Patricia Doherty
Tycho Brahe: Dr. Bruce Haines
Hayes: Neeraj Pujara
Thurlow: Dr. Todd Humphreys

Burka Award (selected by the editor and associated editors of NAVIGATION): Dr. Hamid Mokhtarzadeh and Dr. Demoz Gebre-Egziabher

The Annual Award Selection Committee’s selections were approved by the ION Executive Committee by e-mail vote in November 2014. The Annual Award Selection Committee respectfully asks the Council to ratify the 2014 ION Annual Award selections with the following motion:
Motion: Council ratifies the approved 2014 Annual Awards recipients as outlined above. Motion made by McGraw, seconded by Rife and passed by the Council.

It is recommend that next year’s awards committee review the award criteria and seek out potential nominators in government, military, and industry to help identify excellent candidates for nomination.

Action: Next year’s awards committee review the award criteria and seek out potential nominators in government, military, and industry to help identify excellent candidates for nomination.

Additionally, the committee recommended that the following changes be made to the Awards Policy and Procedures document:

1. **Require Reference Letters as Part of the Nomination Package:** The committee recommends the Annual Awards Policy be amended to require reference letters from the three references as part of the nomination application. The nomination itself may serve as the first reference/reference letter, with the nomination being accompanied by two additional letters of reference in order to be considered complete.

2. **Clarification of the Age Requirement for the Early Achievement Award:** The committee recommends the Annual Awards Policy be amended to better clarify the age requirement for the Early Achievement Award. Although the details of this award state that the award is made for contributions made by the age of 35, it is suggested that the policy be amended to require that the award must be presented within a defined number of years after the age of 35 for a nomination to be considered. It is suggested that Section 6.1 of the Awards Policy (Early Achievement Award section) be amended as follows:

6.1 **Early Achievement Award**

A. The purpose of this award is to recognize an individual for an outstanding achievement related to the art and science of navigation early in his or her career (35 years or younger in the year of the achievement) with highest consideration given to the following criteria in descending order of importance:

   1. An innovation or invention (which has been successfully demonstrated) or a novel equipment/system development relating to navigation.
   3. Outstanding research or study relating to navigation.

B. Preference in selection of the recipient shall be given to persons early in their careers for those contributions that assumed prominence and importance, or culminated during the year immediately preceding the award presentation. The nominee must be age 40 or younger at the time of the scheduled award presentation in order to be considered eligible for the award.

C. Considered nominees shall not be considered for the Thurlow, Tycho Brahe, Hays, Weems or Superior Achievement Award(s) in the same year.

D. A recipient does NOT have to be a member of the Institute of Navigation.
E. Companies, Agencies, Bureaus, Associations, Full-Time Students or Groups of Individuals are not eligible for consideration.

F. The Award shall be given, at most, once each year. It shall be given only in those years in which an outstanding nominee is considered worthy of such recognition.

G. Previous recipients are not eligible for consideration.

H. The award shall consist of a suitable plaque with appropriate wording.

Motion: The Annual Awards Policy and Procedures be modified to require reference letters from the three references as part of the nomination package. The nomination itself may serve as one of the three references, but the nomination must be accompanied by two additional letters of reference in order to be considered complete.

Motion made by Hothem, seconded by Betz and passed by Council.

Motion: The Annual Awards Policy for the Early Achievement Award be amended as follows:

6.1, section B: “Preference in selection of the recipient shall be given to persons early in their careers for those contributions that assumed prominence and importance. The nominee must be age 40 or younger at the time of the scheduled award presentation in order to be considered eligible for the award.”

Motion made by Dorota, seconded Doherty by and passed by Council.

Fellow Selection Committee Report: P. Misra

See Attached File: Fellow Committee Report 2015

It was reported that the 2015 Fellows Selection Committee had consisted of: Dr. Pratap Misra (Chair), Dr. Dorota Grejner-Brzezinska, James Doherty, Dr. Duncan Cox, Dr. Guenter Hein, Marvin May, Dr. Chris Rizos and Thomas Stansell.

The committee proposed the following be elected to ION Fellow:

Dr. Attila Komjathy:
For contributions to remote sensing of the Earth’s ionosphere using GNSS signals.

Dr. Yu (Jade) Morton:
For contributions to GNSS software receivers and the development of a world-wide network of space weather monitoring stations.

Dr. Frank van Diggelen:
For contributions to satellite-based navigation for consumer applications, especially mobile handheld devices.

It was reported that the Fellow Selection Committee's selections were approved by the ION Executive Committee by email vote in November 2014.

Motion: Council ratifies the approved 2015 Fellows as outlined above. Motion made by Betz, seconded Brzezinska by and passed by Council.
Publication/Editor’s Report: B. Pervan

See Attached File: Journal Report Jan 2015

Bylaws Report: G. McGraw

See Attached File: Bylaws Report 1-25-15

Gary McGraw, bylaws chair, reported that at the September 8, 2014, Council meeting it was proposed that ION abolish the Outreach Committee, and that the outreach chair position be removed as a standing committee chair from Council. The rationale for this actions was: 1) the committee has never been functional; and 2) new initiatives/outreach efforts tend to be led by the person with a specific interest/initiative that reports directly back to the Executive Committee.

There was no objection by Council to abolishing the Outreach Committee and it was agreed that this recommendation should be put to a formal vote during the January 25 Council meeting. A formal notice to Council was circulated by e-mail December 16, 2014, advising Council of the following proposed proposed amendment would be voted on during the January 25 Council meeting:

Proposed Motion:
It is proposed that Article VI, Section 11, Outreach Committee, be eliminated from the bylaws. Subsequently the current Section 12 of Article VI, Other Committees, shall be renumbered from Section 12 to Section 11.

Formal comments received were presented and discussed. There was no objection to calling for vote.

Motion: It is proposed that Article VI, Section 11, Outreach Committee, be eliminated from the bylaws. Subsequently the current Section 12 of Article VI, Other Committees, shall be renumbered from Section 12 to Section 11. Motion made by Clark, seconded by and passed by the Council.

For updated bylaws see attached file: Bylaws Approved by Council January 25 2015

Treasurer’s Report: F. van Graas

See Attached Files: Treasurer’s Report Audit FY14 Budget FY16
ION Financial Statements FY13-14
ION Governance Communication Letter FY13-14
ION Internal Communication and Management Letter FY13-14
Budget 2015-16 for Council Jan 2015
Conflict of Interest Disclosure Form 2015

Frank van Graas, treasurer, reviewed the FY 2013-‘14 audit and FY 2015-‘16 budget. It was noted
that Lisa Beaty had sent a draft copy of the proposed 2015-‘16 Budget to Executive Committee, Finance Chair, ION Treasurer and Satellite Division Treasurer for review in November 2014. The Executive Committee had then approved the 2015-‘16 Budget for formal presentation to Council in January 2015.

It was noted that in the proposed 2015-16 Budget:

- There were no proposed increase in registration fees for any ION meetings. (Third year in which registration fees remain level.)
- There were no proposed increase in membership rates. (Last dues increase was in 2005.)
- Government Fellows Program would require Executive Committee action to authorize expenditure of reserve funds.
- There was a New Initiatives budget of $15,000 for the legal review of the Metadata Standard for GNSS Software-Defined Radio (SDR) Data.
- Satellite Division and Military Division expenses include the rebates/commissions to the Divisions for Division meetings. The meeting commissions are included as expenses to the National organization as these funds are restricted for Division purposes. Satellite and Military Division expenses are for informational purposes only. Divisions retain autonomy to expend their funds separately from the national organization.

It was noted that during the September 2014 Executive Committee meeting, the Finance Chair and Treasurer had been given the action to work with the Executive Director and make a recommendation to the Executive Committee on an updated Reserve Fund Formula based on current operations and cash flow needs and report back to the Executive Committee at the next scheduled Executive Committee meeting (September 2015).

Motion: Council ratify the Executive Committee’s approval of the FY 2013-14 Audited Financial Statements, Governance Communication and Management Letters. Motion made by Rife, seconded Clark by and passed by the Council.

Motion: The Executive Committee approves CliftonLarsonAllen, CPA’s for ION’s FY 2014-’15 audit. Motion made by Rife, seconded by Clark and passed by the Council.

Motion: Council approves the 2015-‘16 budget as submitted. Motion made by Rife, seconded by Clark and passed by the Council.

Conflict of Interest Disclosures for 2015: Frank van Graas reviewed the Conflict of Interest Disclosure Form and requested Council members present complete the form and submit it prior to the end of the Council meeting. See Attached File: Conflict of Interest Disclosure Form 2015

SDR Metadata Standard Report: S. Gunawardena

See Attached Report: SDRWG-Report 1-25-15

Appointment ITM 2016 and PTTI 2016 Program Chairs: P. Doherty

Pat Doherty advised Council that Steve Rounds had been appointed as the ITM 2016 program chair and Ryan Dupuis had been appointed as the PTTI program chair.
Other Business

Action: Terry Moore requested the ION upgrade the website so that it dynamically sizes/adjusts different formats/sizes. Beaty reported she would consult with Rick Buongiovanni to determine what would be necessary to accomplish this prior to the next Council meeting.

MINUTES OF THE
INCOMING COUNCIL
(January 25, 2015)

Appointment Standing and Ad Hoc Committee Chairs: D. Grejner-Brzezinska

Dorota Grejner-Brzezinska, incoming president, congratulated all incoming members of Council and presented the following committee chair names to Council for approval:

Standing Committee Chairs:

Nominating: Pat Doherty
Finance: John Clark
Membership: Tim Murphy
Fellow Selection: Pratap Misra
Technical Committees: John Raquet
Publications: Boris Pervan
Meetings: Doug Taggart
Awards Selection: Terry Moore
Bylaws: Gary McGraw

Ad Hoc Committee Chairs:

Editor: Boris Pervan
New Initiatives: Pat Doherty
Strategic Planning: John Raquet
Historian: Marvin May
Government Fellows: Clark Cohen
Pacific Rim Collaboration: Yu (Jade) Morton

Motion: Council approves all committee chairs as listed above. Motion made by John Nielson, seconded by Todd Walter and passed by the Council.

Approval 2014 Annual Awards Chair & Committee: D. Grejner-Brzezinska
Motion: Council approves the following as members of the 2015 Annual Awards Committee: Terry Moore (Chair), Penny Axelrad, Pat Fenton, Glen Gibbons, Mikel Miller, Mitch Narins and Martin Unwin. Motion made by John Nielson, seconded by Todd Walter and passed by the Council.

Approval 2015 Fellows Committee Chair & Committee: D. Grejner-Brzezinska

Motion: Council approves the following as members of the 2016 Fellows Committee: Pratap Misra (Chair), Alan Evans, Chris Hegarty, Richard Langley, Boris Pervan, Logan Scott and Karen Van Dyke. Motion made by John Nielson, seconded by Todd Walter and passed by the Council.

The meeting adjourned at 3:30 p.m.

Additional Documents Included with these Minutes:

- Marine Representative Report 1-15
- Calendar 2015