



The Institute of Navigation

Jim Doherty, President, ION

**International Loran Association
34th Annual Meeting & Technical
Symposium
18 October 2005**



ION Purpose

- *“The ION is a scientific, nonprofit organization, whose programs are directed toward advancing the science, art, and standards of navigation by coordinating the knowledge and achievements of practicing navigators, scientists, and those involved in the development and production of navigation equipment.”*



ION Organization

- **Officers & Council**
 - President, Exec VP, Treasurer
 - East/West Regional VPs
 - Air-Space-Marine-Land
 - Executive Committee
 - Council
- **Meetings**
 - General Chair
 - Program Chair
 - Technical Track Chairs
 - Session Chairs
- **Satellite Division**
- **Local Sections**
- **Student Sections**
- **Members**
 - Corporate (92)
 - Individual (3150)
- **National Office**
 - Operating Director
 - Technical Director
 - Staff

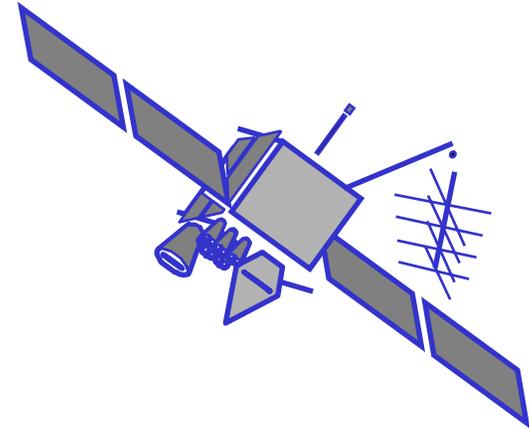


Local Sections

- **New England (Boston/Cambridge)**
- **Philadelphia**
- **Washington DC**
- **Dayton**
- **Rocky Mountain (Colorado Springs)**
- **Calgary**
- **Houston**
- **New Mexico**
- **San Diego**
- **Southern California (LA)**
- **Northern California (Silicon Valley)**
- **Interested areas: Dallas, Detroit, Florida (Eglin AFB)**



ION Satellite Division



- **Runs the annual ION GNSS meetings**
- **Separate slate of officers**
- **ION GNSS meetings include 6 tracks for 3 days, exhibits, student papers, strong international presence**

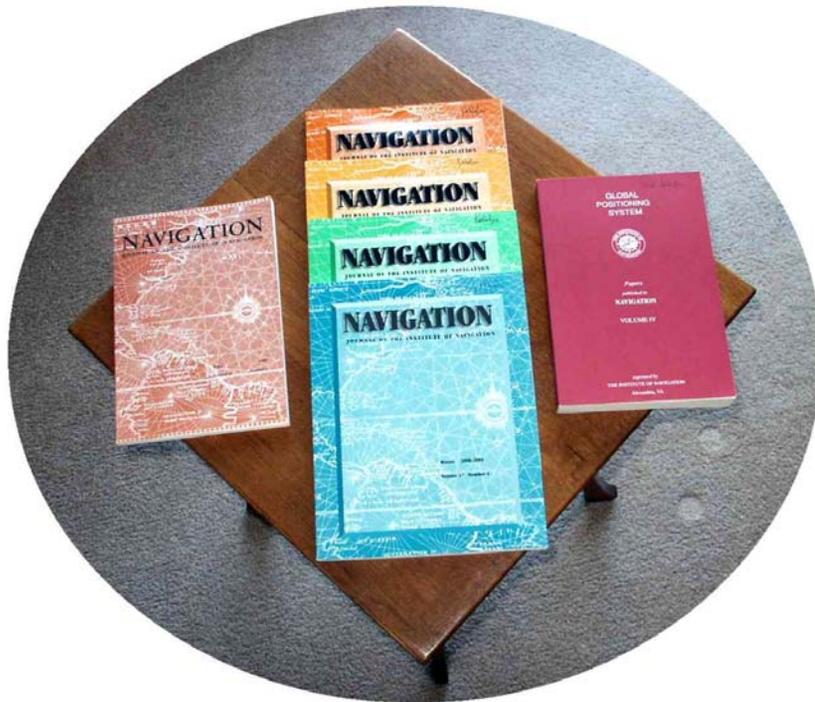


ION Meetings

- **National Technical Meeting**
 - January 18-20, 2006
 - Hyatt Regency Hotel, Monterey, CA
- **IEEE/ION PLANS 2006**
 - April 24-27, 2006
 - Loews Coronado Bay Resort, San Diego, CA
- **ION GNSS 2006**
 - September 26-29, 2006
 - Fort Worth Convention Center, Fort Worth, TX
 - Tutorials September 25-26



Publications – ION Journal



- Published 4x per year
- Picked from best Proceedings papers, invited papers, and submitted papers
- Members may down-load articles back to 1948 from website
- Also proceedings, monographs, etc.



Student Outreach

- **Undergraduate Scholarships**
- **High School Student Programs**
- **Graduate Student Awards**
- **Education Modules for Middle Schools**
- **Student Sections**



Other Programs

- **Government Fellows**
 - Congressional Fellow
 - Executive Fellow
- **Awards**
 - Thurlow, Hays, Weems, Burka, Brahe, Superior Achievement, Early Achievement
 - Satellite Division – Kepler, Parkinson
- **Strategic Planning**



June 2005 Annual Meeting

- **Included three Sessions focused on Loran**
 - **Positioning, Navigation, & Timing Engineering**
 - **CNS Applications Enabled by Radionavigation**
 - **Vulnerability Mitigation Technologies & Techniques**
- **Recognized Mitch Narins – Hays award**
- **ION Newsletter covered FAA Loran Evaluation Team meeting at Volpe Center**



ION Web Site

<http://www.ion.org>



- **Meetings:**
 - When/where
 - Registration
 - Program, abstracts
- **Publications:**
 - [Retrieve articles \(members\)](#)
 - Order proceedings, journals, books, videos, standards
- **Bylaws, Executive Committee members, Council Members, Council meeting minutes**
- **Sections, with web pages that each section can design & maintain**