



The Open Channel

Newsletter for the Hampton Roads Section

The Institute of Electrical
and Electronics Engineers, Inc.

November 2001

November Meeting

Date: Thursday, November 15, 2001

Location: Rom - Thai Restaurant
7512 Granby Street
Norfolk, Virginia

Schedule: 6:00 p.m. - Administrative Meeting
6:30 p.m. - Social
7:00 p.m. - Dinner
7:30 p.m. - Speaker

Price: Member - \$15.00
Student - \$7.50
Guest - \$15.00

Speaker: **Ryan, Joseph F.**, Captain, United States Merchant Marine, Consultant, Electronic Charting and Integrated Navigation Systems

Topic: **Work of the International Electrotechnical Commission Related to Electronic Chart Display and Information Systems**

2001 Section Officers

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ETI Web Site: <http://ie3eti.eng.uab.edu/>
ETI Authorization: eti-info@eng.uab.edu

Biography of Capt. Joseph F. Ryan

Capt. Joseph Ryan graduated from the United States Coast Guard Academy in 1983 with a Bachelor of Science degree in Civil Engineering. His Coast Guard assignments included the *Cutters Duane* (WHEC-33) and *Seneca* (WMEC-906).

Capt. Ryan is a licensed Master of ocean-going steam and motor vessels of 1600 gross tons or less, and Second Mate of ocean-going steam and motor vessels of any gross tonnage. He has worked for Central Gulf Lines, Farrell Lines, Lykes Brothers Steamship, Sea-Land Service, Tri-Star Marine and Waterman Steamship. He has sailed as Navigator for Lykes Brothers Steamship and Tri-Star Marine, and as Master for Tri-Star Marine.

In the past, Capt. Ryan has served as technical advisor to Coast Guard representatives to the Radio Technical Commission for Maritime Services (RTCM), the North Atlantic Treaty Organization (NATO), the International Maritime Organization (IMO), the International Hydrographic Organization (IHO), and the International Electrotechnical Commission (IEC). He is currently a member of RTCM Special Committee 109 and the IHO Colors & Symbols Maintenance Working Group. He also serves as the convener of IEC Technical Committee 80 Working Groups 7 and 13.

Currently, Capt. Ryan is an independent Consultant on Electronic Charting and Integrated Navigation Systems. He is under contract to the United States Coast Guard and Navy and spends the majority of his time in support of the Coast Guard Command and Control Engineering Center as Lead Engineer for Shipboard Command and Control Systems.

Officer Selections for IEEE Hampton Roads Chapter 2001-2002

Chair: William Edmonson
Vice Chair: VACANT
Secretary:/Treasurer: Tim Gavin
Newsletter: Judith Brandon

**November is Native American History Month
November 11 Veterans Day**

November 17 World Peace Day

[American Indian Science and Engineering Society](http://www.aises.org/)

<http://www.aises.org/>

[John Bennett Herrington \(Commander, USN\)](http://www.jsc.nasa.gov/Bios/htmlbios/herringt.html)

<http://www.jsc.nasa.gov/Bios/htmlbios/herringt.html>

[Alfred H. Qöwayyma / Environmental engineer](http://www.recycles.org/hopi/messages/prophecy/world-1.htm)

<http://www.recycles.org/hopi/messages/prophecy/world-1.htm>

[Native Americans in the Korean War](http://korea50.army.mil/history/factsheets/native.html)

<http://korea50.army.mil/history/factsheets/native.html>

Educational Activities Board

For complete access to IEEE educational products and programs, log onto www.ieee.org/eab. The site offers the online education reading room, video on-demand, the NewsWire, contests and prizes, and much more.

IEEE News

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Renew your 2002 IEEE membership online by 15 November 2001 and you will be entered into a drawing to win a Sony VAIO(r) FX Series Notebook.* Renew today at <http://www.ieee.org/renewal>.

NATIONAL ENGINEERS WEEK IS 17-23 FEBRUARY 2002

Mark your calendars and start your planning for E-Week 2002. Visit the official E-Week website for ideas on how to participate in this annual celebration of the profession. <http://www.eweek.org>

Hampton Roads Chapter IEEE **Engineering Student Contest** will be at Old Dominion University in January. Specific pertinent data will be in upcoming newsletter.

STAYING CURRENT: TIPS, STRATEGIES AND SOLUTIONS

Warning: Falling behind on current trends and technologies could be hazardous to your career. If you're worried about becoming a dinosaur at the office, rest easy -- it's never too late to update your knowledge and skills. Terry Malkinson offers a pragmatic strategy for keeping current and building the career you've always wanted.

<http://www.todayseengineer.org/Careerfocus/sept01te/sept01features/current.html>

IEEE can help keep you and your skills up to date. Visit our Career & Employment Resources today.

<http://www.ieee.org/membership/benefits/careers.html>

HANDBOOK OFFERS PRACTICAL GUIDELINES FOR WRITING REPORTS

The pyramid method of professional writing promotes the logical and organized process of creating a report. "Writing Reports to Get Results:

Quick, Effective Results Using the Pyramid Method, 3rd Edition" offers a step-by-step guide to this process, providing tips and guidelines for writing all types of reports and proposals.

<http://shop.ieee.org/store/product.asp?prodno=PP5890>

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Tell Us About Your Local Engineering Events

Are you organizing or sponsoring a local event of interest to the engineering community? Let us know! Contact chapter newsletter editor Judith Brandon (jbrandon@ieee.org) to have your event announced in upcoming editions of *The Open Channel*. With distribution to over 1000 local IEEE members each month, you can't afford to ignore this free resource.