



THE NEWSLETTER OF THE U.S. SECTION, PIANC

International Navigation Association

Summer 1999

Special Features in this Edition:

U.S. Section Annual Meeting	1
BG Van Winkle Named Director of Civil Works	1
Calhoun Election to Commission	3
PIANC Names New President	5

In Each Issue:

New Members	10
Activities	11

U. S. Section Holds Annual Meeting In Memphis, Tennessee

Port of Memphis is host of 1999 Meeting

Outlook for U. S. Ports and Waterways and Implications for the U.S. Transportation System was the theme of the recently completed annual meeting of the U. S. Section. An outstanding group of speakers and moderators explored subjects related to the conference theme. The keynote panel, which was moderated by Donald C. McCrory, Executive Director, Port of Memphis, included:

- Kurt J. Nagle speaking on deep-draft ports and waterways
- Harry N. Cook whose topic was shallow-draft ports and waterways.

(Continued on Page 2)

General Van Winkle Succeeds Major General Russell L. Fuhrman

Brigadier General Hans A. Van Winkle takes the posts of Director of Civil Works, U. S. Army Corps of Engineers and President, U. S. Section of PIANC on June 1, 1999. He comes to Corps Headquarters from the Great Lakes and Ohio River Division.

BG Van Winkle graduated from the United States Military Academy at West Point in 1971. He earned a Master of Science Degree in Public Policy from the University of California in Berkeley in 1976. He is a registered engineer in the Commonwealth of Virginia.

(Continued on Page 3)



Brigadier General Hans A. Van Winkle

The U.S. Section, PIANC *Newsletter* is published quarterly by the U.S. Section of the International Navigation Association. Send address corrections or other correspondence to Editor, U.S. Section, PIANC, ATTN: CEWRC-ZA, Casey Building, 7701 Telegraph Road, Alexandria, Virginia 22315-3868, or telephone (703) 428-6286. The *Newsletter* is an independent publication of the U.S. Section, PIANC and does not necessarily represent the view of the Army Corps of Engineers or any other agency of the United States Government.

U.S. Section Meeting (*continued*)

- M. John Vickerman who talked on issues related to landside intermodal connections.
- Barry Holliday who spoke about strategic solutions to dredging challenges in the 21st century.

John E. Graykowski, Deputy Maritime Administrator, who was originally scheduled to be a member of the keynote panel, delivered his keynote remarks on the Marine Transportation System Initiative on Thursday.

There were three luncheon speakers:

- The Honorable Joseph W. Westphal, Assistant Secretary of the Army (Civil Works) and Chairman of the U. S. Section of PIANC. The subject of his talk was trade policy, the key role played by U. S. ports, ways that the Corps has benefitted from participation in PIANC, the

water resources development act and harbor services user fee.

- Eric Van den Eede, who talked on the goals of the program he is proposing to implement while serving as international President of PIANC.
- J. R. "Randy" Richardson, Deputy Director, Port of Memphis, gave a report on Super Terminal Memphis. The proposed project is a public-private regional and national rail and truck freight terminal. Occupying 1000 acres at the Port of Memphis, the terminal, which would involve six major railroads, would use the latest advances in technology to control and monitor operations.

For the first time the program of the annual conference included reports by the Principal U.S. Representatives to PTC I, PTC II, SRN, PEC, PCDC and the Commission for Communication. The reports called attention to work in progress, new working groups that are beginning, and other significant activities that are being carried out by members of the Association.



Mr. Eric Van den Eede, President, PIANC, Major General Russell L. Fuhrman, President, U.S. Section, and The Honorable Joseph W. Westphal, Chairman, U.S. Section

The program was concluded on Friday by a presentation by Major General Russell L. Fuhrman who spoke on the Civil Works Program of the Corps of Engineers. As a memento of his service as President of the U. S. Section, General Fuhrman was presented with a model of the *MV Mississippi* mounted on a wooden base.

The U. S. Section is very appreciative of the contributions made by all speakers and moderators who participated in the 1999 conference. The Association depends upon the support of its members and their participation at conferences



Charlie Lehman presents Dr. Westphal a model of the *Motor Vessel Mississippi*

and service as members of technical working groups. If you did not attend the conference in Memphis and would like a copy of the list of speakers and subjects, please contact the Office of the U. S. Section of PIANC with your request.

General Van Winkle Succeeds Major General Fuhrman (continued)

He attended the Engineer Officer Basic and Advanced Courses at Fort Belvoir, Virginia; United States Army Command and General Staff College at Fort Leavenworth, Kansas; and the United States Army War College at Carlisle Barracks, Pennsylvania.

He has served in command and staff assignments at Fort Leonard Wood, Missouri, Fort Carlson, Colorado, and Fort Hood, Texas. Overseas assignments include a number of posts in Germany between 1977 and 1989. From 1983 to 1985 BG Van Winkle served as an

Exchange Officer, Royal School of Military Engineering in the United Kingdom.

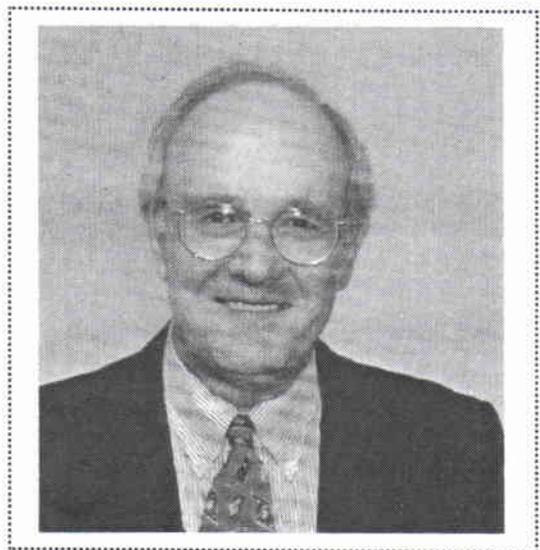
He has been awarded the Legion of Merit, Bronze Star Medal, three Meritorious Service Medals, three Army Commendation Medals and two Army Achievements Medal.

Election of Commissioner Representing Central Region

Charles C. Calhoun, Jr. elected

In a recent election members of the U.S. Section who reside in the Central Region elected Charles C. Calhoun, Jr., to serve a four-year term on the U.S. National Commission. His term begins on 1 July 1999 and goes through 30 June 2003.

Mr. Calhoun retired in 1999 after 36 years with the U.S. Army Corps of Engineers Waterways Experiment Station where he was the Assistant Director of the Coastal and Hydraulics Laboratory. In addition, he served for more than 15 years as Chairman of the Publications Committee of the U.S. Section.



Mr. Charles Calhoun

Editor of Newsletter Resigns

Ms. Alexandra Stakhiv has been Editor since 1995

The current issue of the newsletter of the U.S. Section differs in readability from previous issues because the very able editor, Ms. Stakhiv, is no longer providing the outstanding editorial assistance upon which we had come to depend. Ms. Stakhiv's organization, Installation Support Center (ISC), has been reorganized leaving her with responsibility for additional duties of personnel who have been reassigned to other offices. For four-years the U.S. Section has enjoyed the benefits of Ms. Stakhiv's editorial skills. It has been a pleasure to work with her. Her assistance and contributions will be missed by the staff and readers of the Newsletter.

Actions Taken by the Permanent International Commission

Ritchie Named International Vice-President Honorary Members Chosen

Mr. Walter W. Ritchie, Regional Vice President, Western Region of the U. S. Section, has been elected by the Permanent International Commission to a four-year term as an International Vice-President of the Association. His term, which began on 19 May 1999, will end in May 2003. Mr. Ritchie is a Vice President of Frederic R. Harris, Inc. Prior to his retirement in 1996, he served for 13 years as Chief Engineer of the Port of Seattle. He was responsible for implementation of the port's capital improvements program during a time when the port experienced unprecedented growth in the volume of containerized waterborne cargo. Mr. Ritchie, who has been an active member of the U. S. Section of PIANC for many years, is serving his second



Mr. Walter D. Ritchie

term as elected Vice-President. His other professional activities include the American Association of Port Authorities, the American Society of Civil Engineers, the International Association of Ports and Harbors and the Rotary Club of SeaTac.

The three other International Vice-Presidents of PIANC are: Doctor of Engineering Andrea Ferrante of Italy, Mr. Arne Fuglum of Norway, and Mr. Henk Schroten of The Netherlands. Mr. Ritchie succeeds Mr. Kiyoyasu Mikanagi of Japan whose four-year term ended this year. Mr. Mikanagi was made an Honorary Vice-President in recognition of service as Chairman of the Organizing Committee for the 1990 Osaka Congress and as Chairman of the Japanese Section. The Executive Committee has decided that in order to broaden representation from different parts of the world, in the future geographical distribution will be included as a factor in selection of International Vice-Presidents.

Each year the Association recognizes the contributions of several members by making them Honorary Members. The two members designated this year are:

Mr. Jean-Jacques De Cloedt, President of Dragages De Cloedt and Sons, is the former Chairman of the Belgian Section. He has actively supported and promoted the exchange of young engineers among the European sections. Mr. De Cloedt has also been honored by being appointed a Viscount by the Belgian King.

Mr. Hans-Peter Tzschucke, a member of PIANC since 1968, has served as representative to PTC I, PTC II, and SRN, is Secretary of the German Section and a member of the Commission for Communication.

International Debate

Mr. Norman Edwards Represents the United States

Mr. Norman T. Edwards, Executive Secretary, Inland Waterways User Board and a member of the Planning Division of the Corps Civil Works Directorate, was a participant on 21 May in Gent, Belgium, at the International Debate sponsored by the Belgian Section of PIANC. He spoke on the U. S. Inland Waterway System Status and Outlook.

Other speakers were: Mr. Jan Strubbe of Belgium, Mr. David of France, Mr. Heinrich Schoppmann of Germany and Mrs. Muller-Zwartepoorte of The Netherlands. The speakers who addressed economic, environmental, management and technical aspects of inland navigation and approaches to international cooperation along inland waterways.

PIANC Names New International President

Mr. DePaepe Retires

On Wednesday, 19 May 1999 after 17 year of service to the International Navigation Association (PIANC), Mr. Robert DePaepe retired. He began his presidency in 1982 when he succeeded Professor Gustave Willems in the position. Under his leadership, PIANC appointed four International Vice Presidents, established the important Permanent Commission for the Environment and the Commission for Communication. Activities of the Permanent Commission for Cooperation and Development designed to assist developing countries were expanded. Reports of numerous working groups were published. Important linkages were made between PIANC and other international organizations such as the London Convention, European Commission and the International Association of Ports and Harbors. He presided over four International Navigation Congresses and 15 annual meetings of the Permanent International Commission including two which were held in the United States in 1986 and 1995.

The new president, Mr. Eric Van den Eede, is Head of Division of the Upper-Scheldt, Ministry of Infrastructure and the Environment of the Flemish Community of Belgium. Mr. Van den Eede is a member of the Royal Society of Flemish Engineer and Vice President of the Belgium Section of the Central Dredging Association. His PIANC activities include Chairman of the Commission on Communication and Vice Chairman of the Permanent Environmental Commission. He graduated from Ghent State University in 1971. His four-year term as President began on 19 May 1999.

Assisting Mr. Van den Eede in the position of Secretary-General will be Mr. Louis Van Schel. Mr. Van Schel is Managing Director of

the Flanders International Technical Agency. His office is located in the PIANC headquarters building in Brussels.

Both Mr. Van den Eede and Mr. Van Schel visited the United States in May 1999. They were accompanied by Mr. Fernard Desmyter, Secretary-General of the Ministry of Infrastructure and Environment of the Flemish Community of Belgium. Meetings, which were arranged by the Office of the U.S. Section, PIANC, were held with officials of the U.S. Army Corps of Engineers and the Department of Transportation both in Washington, D.C. Later the group visited the U.S. Army Waterways Experiment Station in Vicksburg, Mississippi.

During the week of 12-14 May, Mr. Van den Eede attended the annual conference of the U.S. Section in Memphis, Tennessee, where he was a principal luncheon speaker as well as a member of a panel discussion on the inland waterways of Europe and a panel on communicating the benefits of waterborne transportation.

In the luncheon speech Mr. Van den Eede discussed points of an action plan that the new management team intends to implement:

- The organization will be reviewed by a management consultant firm.
- Visits to national sections and to headquarters of related navigation organizations.
- Attract young professional; not only engineers but, everyone who has a navigation related job.
- Reserve a number of positions for younger individuals on PIANC committees, commissions and boards.

- Increase cooperation with national and supra-national organizations responsible for navigation.
- Shorten the length of Congresses; and enhance the technical program.
- Set new standards for the work of the national sections, standing commissions and working groups.

Holliday and McNair Visit Harbors and Waterways in Europe

Dredged Material Management Practices Studied

Mr. Barry Holliday, Chief of Dredging and Navigation for the Headquarters of the U.S. Army Corps of Engineers, and Mr. Clark McNair, Program Manager of the Dredging Operations and Environmental Research Program, were special guests of the Permanent Environmental Commission (PEC) at its meeting in The Hague on 12 September 1998. Following the PEC meeting, Messrs. Holliday and McNair visited a variety of harbor and waterway sites in the countries of The Netherlands, Belgium, and Germany where



Eric Van den Eede describing Port of Gent confined disposal facility. (Clark McNair on left.)

they were hosted by Port Authority personnel and members of PIANC. In The Netherlands, Mr. Tiedo Vellinga arranged visits to the Port Authorities of Amsterdam and Rotterdam and provided detailed reviews of their operations including dredged material management practices. In Belgium, Mr. Eric Van den Eede arranged for visits to the Port of Zeebrugge, dredged material disposal sites near Gent, and an inland waterway project near Kortrijk, where various issues and management approaches were discussed with authorities there. Mr. Jorn Lange arranged and accompanied Mr. Holliday and Mr. McNair to the German ports of Emden, Bremerhaven, Cuxhaven, Brunsbuttel, the Kiel Canal, and Hamburg to discuss port management and maintenance activities and to compare contracting methods with those practiced by the Corps of Engineers. Mr. Jan Reche arranged for a visit to Regensburg, Germany, and an inspection of the Danube River waterway to round out the tour. In addition to visiting various ports, Messrs. Holliday and McNair met with several dredging contractors and manufacturers including IHC Holland, Jan De Nul, and DeCloedt Dredging.

U.S. Section Exhibits at Conferences

In February 1999, the International Marina Association held its annual conference in Ft. Lauderdale, Florida. Arrangements made by the Marine Manufacturers Association provided complimentary exhibition space for the U.S. Section where contacts were made with active and prospective members.

In April 1999, the U.S. Section was invited to participate as a an exhibitor during the World Bank Transport Week '99. The exhibition space in the atrium of the main World Bank Building in Washington, D.C., was visited by number of bank employees and others attending the transport week.

Sport and Recreation Navigation Commission Meets in Florida

Ft. Lauderdale is site of International Group Meeting

The PIANC Sport and Recreation Navigation Commission held one of its two annual meetings in Ft. Lauderdale, Florida, on 19 February 1999. U.S. Co-Chairmen, Mr. Jack Nichol and Mr. Richard Dornhelm hosted the meeting which was chaired by Mr. Cees Van der Wildt (The Netherlands Section). Also, attending the meeting were: Marcello Conte (Italy), Jolke Brolsma (The Netherlands), Ron Stone (United States), John Pyman (United Kingdom) and Dirk Gunst (Belgian). The group held a business meeting to discuss progress of working groups and attended technical sessions and other activities in connection with the International Marina Association Conference. (See Page 8 for photo.)

Arsenals Become Suppliers of Lock Parts

The Rock Island Arsenal has become a supplier of parts for the Corps of Engineers navigation facilities. The Chief of Engineers has instructed the Corps of Engineers to consider the use of the Army's Arsenals to supply spare and replacement parts to the nation's navigation infrastructure. The Rock Island Arsenal has proven to be a price competitive and timely supplier for parts for navigation projects.

The recent rehabilitation of the Chicago Lock, Chicago District, was accomplished on time within budget using support of the Rock Island arsenal to produce gate parts for the lock's sector gates. The Arsenal produced unique parts for the gates within the time frame required at a cost below any other bidders.



Sport and Recreation Navigation Commission

They produced gate parts for the Peoria Locks well below the time frame quoted by any other supplier and provided a value engineering service that substantially reduced the cost of the parts and future maintenance costs. The Rock Island District ordered new linkages for the upper connections on the miter gates at one of the Illinois River locks. Through the Arsenal's value engineering efforts, the parts were reduced from 24 pieces to 4 pieces with a substantial cost savings. The new design greatly reduces the maintenance requirements as well as the initial installation efforts. The parts were the anchor bar assemblies for the miter gates at one of the Rock Island District locks. The design changes were coordinated with Rock Island District Engineering Division and received their approval.

The Rock Island Arsenal is very interested in providing this service. As military manufacturing requirements decrease, use of the Arsenal by the Civil Works assists in maintaining this asset for use to support the

military missions in future emergencies. For additional information contact Mr. James H. Blanchar, USACED, Rock Island at 309-794-5275.

U.S. Foreign Waterborne Transportation Statistics

Correction – The Winter 1998/1999 article "Attention U.S. Maritime Data Users" included the sentence "These reports contain movement data on all U.S. vessels engaged in U.S. foreign trade..." The monthly, quarterly, and annual products cover **all vessels** not only U.S. vessels engaged in U.S. foreign trade.

Dock Level of Detail

Customs has worked with the Corps and Maritime Administration to automate its vessel entrance and clearance data entry process beginning with selected ports in 1998. To date

over 70% of the data is automated. This automation will insure the users the most complete data set in 50 years. It will now include movements of vessels engaged in U.S. foreign trade to the U.S. dock level, rather than to the channel. It is expected that all movements to all ports and docks will be available by the year 2000. **Further information:** Contact Susan Hassett for further information on this program at 504 862-1453, e-mail:susan.k.hassett@usace.army.mil or Norman Tague at 202 366-2316 or e-mail:norman.tague@marad.dot.gov.

TRB to Hold Summer Ports & Waterways Conference in Duluth, Minnesota

The Transportation Research Board (TRB) will hold its 24th Annual Summer Conference on Ports, Waterways, and International Trade, 25-28 July 1999, at the Duluth Entertainment and Convention Center (DECC) in Duluth, Minnesota. The Great Lakes Region is an exciting venue for the 1999 Conference, offering participants an opportunity to learn and share information about a broad range of topics and issues, including:

- Recent developments in the Great Lakes/Seaway Region, including commercialization of the Canadian portion of the Seaway.
- Freight, corridor, international border, and intermodal terminal developments in the Upper Midwest and Canada.
- Trends and outlook for bulk shipping, with a particular emphasis on port facility improvements, rail service and equipment.
- Environmental issues including risks of marine life exchange, dredging, and contaminated sediments.
- Legislative and research updates and dialogue.

In addition to the formal program, there will be a luncheon and water tour hosted by the Seaway Port Authority of Duluth; an evening reception and tour of the Lake Superior Maritime Museum; and optional tours of the City of Duluth, a trip aboard the North Shore Scenic Railroad, visits to the Split Rock Lighthouse, the Depot Museum, and the Lake Superior Railroad Museum.

For additional information about registration contact Reggie Gillum at 202 334-2382.

British Publications of Interest

A group of organizations in Great Britain have published a management guide -- **Managing Personal Watercraft, A Guide for Local and Harbour Authorities**. The guide addresses issues of personal watercraft management including case studies.

On-Shore Facilities for Sailors, a Design Guide of Facilities for Disabled Users was published in 1998 by Sallie Hiddle, George Ralph and Rod Scott, three British architects who prepared the manual. The text and accompanying drawings are designed "...to provide practical details to enable there to be good designs in sailing clubs and marinas with particular emphasis on the needs of sailors with physical and sensory impairments." For additional information contact the Office of the U.S. Section, PIANC.

New Members of PIANC

The U.S. Section welcomes the following new members:

Individual

Beach, David
Briuer, Elke
Cambridge, Joedy
Histon, Robert
Holt, John W. Jr.
Jernigan, John
Killoy, David H.
McCrary, Donald
Melton, Carlton
Murray, John R.
Schirmer, John C.
Scotti, Anthony J.

Corporate

U.S. Coast Guard
HQ, U.S. Army Corps of Engineers Library
U.S. Army Corps of Engineers District,
Galveston

INSIDE PIANC

- | | | |
|-------------------|---|-------------------|
| 3-5 May 2000 | 2000 U.S. Section Conference
POC: Mary Jane Robertson
Tele: 703-428-6286
E-mail: Maryjane.Robertson@usace.army.mil | Oakland, CA |
| 29 Apr-2 May 2001 | PORTS '01 * | Norfolk, VA |
| 23-27 Sept 2002 | 30th International Navigation
Congress * | Sydney, Australia |

***To have your name placed on list to receive additional information E-mail Maryjane.robertson@usace.army.mil or fax request to: 703 428-8171**

OUTSIDE PIANC

- | | | |
|--------------------|--|----------------------|
| 24-30 July 1999 | Coastal Zone 99
Gary Magnuson, NOAA
National Ocean Service
1305 East-West Hwy/SSMC4
Silver Spring, MD 20910
Telephone: 301 713-3078
Fax: 301 713-4263
Email: gmagnuson@ocean.nos.noaa.gov | San Diego, CA |
| 27-29 October 1999 | Gulf Intracoastal Canal Association
Marriott's Grand Hotel
1539 Jackson Ave. Suite 410
New Orleans, LA 70130
Telephone: 504 586-1473
Fax: 504 586-1634 | Point Clear, Alabama |
| 22-27 Aug 1999 | 28th Biennial Congress of the
International Association for
Hydraulic Research
POC: Heinz Bergmann
TEL: +43-316-873-6264 | Graz, Austria |
| 8-10 Sep 1999 | Breakwaters '99
First International Symposium on
Monitoring of Rubble Mound Breakwaters
Sponsored by PIANC, PTC II,
Working Group 39
POC: Orville T. Magoon
TEL: (707) 987-0411 | Madison, WI |

OUTSIDE PIANC (Continued)

15-17 Sep 1999	National Waterway Conference 1130 17 th St., NW Washington, DC 20036-4676 Tel: 202-296-4415	Nashville, TN
22-23 Sep 1999	Coastal Management 99 Conference on Integrating Science, Engineering and Management POC: Rachael Coninx TEL: +44 (0)171 665 2314 FAX: +44 (0)171 233 1743	Bristol, United Kingdom
26 Sep - 1 Oct 1999	American Association of Port Authorities Annual Meeting AAPA NY-NJ 1999 Convention Committee One World Trade Center, Suite 34 South New York, NY 10048 Email: rosciszewski@panynj.gov Tel: 212-435-6610 Fax: 212-435-6756	New York, NY
18-19 Nov 1999	CEDA Dredging Days Europort 99 Exhibition POC: Marijn Legemaat TEL: +31 (0)20 549 12 FAX: +31 (0)20 646 44 69	Amsterdam, Netherlands
10-14 January 2000	29 th Dredging Engineering Short Course Texas A&M University POC: Dr. R.E. Randall Email: r-randall@tamu.edu Telephone: 409-845-4568	College Station, TX
11-13 April 2000	2nd Asia Pacific Conference Mr. Wang Haiqing, Mr. Richard Bi 2 nd APTE '2000 Secretariat Office 240 Huixinli, Chaoyang District Beijing, 100029, P.R. China Tel: 86-10-6491 Fax: 86-10-6491-8204 Email: tcs@iicc.ac.cn	Beijing, China
5-9 Jun 2000	PACON 2000 Ninth Pacific Congress on Marine Science and Technology TEL: (808) 956-6163 FAX: (808) 956-2580	Honolulu, Hawaii
16-21 Jul 2000	27th International Conference on Coastal Engineering	Sydney, Australia