



# THE NEWSLETTER OF THE U.S. SECTION, PIANC

## International Navigation Association

Summer 1999

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## 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.

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## 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.

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**Brigadier General Hans A. Van Winkle**

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## 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.

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



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



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.

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### **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.

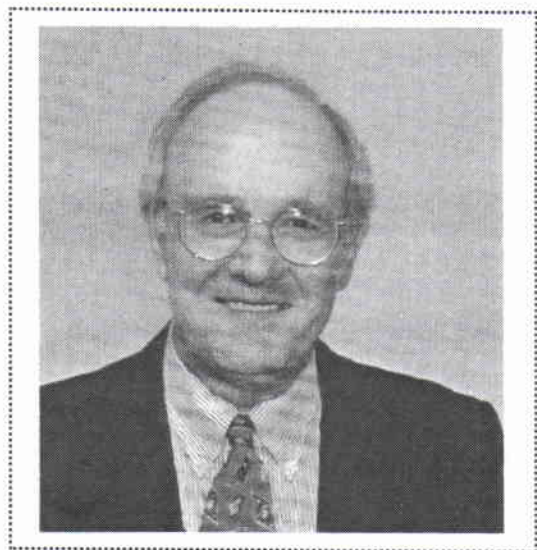
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### **Election of Commissioner Representing Central Region**

**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**

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## **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.

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## **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.

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## **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.

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## **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.

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## 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.

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### **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 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.

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### **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.)

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### **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.

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### **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