



*FIRST CHANGE OF COMMAND
FOR THE
UNITED STATES COAST GUARD
LORAN SUPPORT UNIT*



*AND RETIREMENT CEREMONY
FOR
LCDR CHARLES A. SCHUE, III*



21 JULY 2000

WILDWOOD, NEW JERSEY



THE CEREMONIES



The change of command ceremony is a time-honored tradition that formally restates to the officers and personnel of the command the continuity of the authority of the command. It is a formal ritual conducted before the assembled company of the command. The change of command is nearly unique in the world today; it is a transfer of total responsibility, authority, and accountability from one individual to another.



The retirement ceremony is likewise a time-honored tradition at which we formally recognize the many years of faithful and zealous service to the Coast Guard, our nation, and its citizens. It is a time to reflect and pay homage to the past while simultaneously expressing our best wishes for success and happiness in the future.

First Change of Command

USCG Loran Support Unit

Lieutenant Commander Charles A. Schue, III

United States Coast Guard

Commanding

Commander Gordon K. Weeks, Jr.

United States Coast Guard

Relieving

Retirement Ceremony for

For

Charles A. Schue, III



*Change of Command
Program*

Musical Prelude

*Arrival of the Official Party**

*National Anthem
of the
United States of America**

*Invocation**

*Lieutenant Bernard J. Welch
Chaplain Corp, United States Navy*

*Inspection of LSU Personnel
Lieutenant Commander Charles A. Schue, III
Commander Gordon K. Weeks, Jr.*

*Presentation of Battle Streamer
Lieutenant Commander Charles A. Schue, III
Command Chief Bernard B. Bensen*

*Remarks by
Rear Admiral Kenneth T. Venuto*

*Remarks and Reading of Orders
by the Commanding Officer
Lieutenant Commander Charles A. Schue III
United States Coast Guard*

*Reading of Orders by the Relieving Officer
Commander Gordon K. Weeks, Jr.
United States Coast Guard*

Change of Command

Remarks by Commander Weeks

*Departure of the Official Party**

*Retirement Ceremony
Lieutenant Commander Charles A. Schue, III*

Benediction
Lieutenant Bernard J. Welch
Chaplain Corp, United States Navy*

*Departure of Lieutenant Commander Charles A. Schue, III
United States Coast Guard, Retired**

Musical Postlude

Reception immediately following

** Guests Please Stand*

Rear Admiral Kenneth T. Venuto
Director of Operations Policy
United States Coast Guard



Rear Admiral Kenneth T. Venuto became the Director of Operations Policy in May 2000. In this capacity, he is responsible for management oversight of a wide range of programs supporting the Coast Guard's five strategic goals of maritime safety, mobility, maritime security, protection of natural resources, and national defense.

Maritime Safety and mobility programs include all federal aids to navigation, domestic and international search and rescue, recreational boating safety, bridge administration, and domestic and international icebreaking. Supporting the goals of maritime security and protection of natural resources principally involves managing Coast Guard law enforcement efforts pertaining to illegal drugs, migrant smuggling, domestic and international fisheries, marine mammal protection, and U. S. laws and international bilateral agreements enforceable in the maritime region. His national defense responsibilities involve orchestrating the activity of Coast Guard forces in providing unique and non-redundant capabilities in support of geographic Commander-in-Chiefs, homeland security and international engagement.

Rear Admiral Venuto has served on board seven different cutters in various capacities, including command of three of these: the MIDGETT homeported in Seattle, Washington; the BEAR homeported in Portsmouth, Virginia, and the CAPE JELLISON homeported in Seward, Alaska. His significant staff assignments include Executive Assistant to the Commandant, Executive Assistant to the Assistant Commandant for Human Resources, and training officer at Training Center Yorktown, Virginia.

Rear Admiral Venuto graduated with high honors from the United States Coast Guard Academy in 1973 with a Bachelor of Science Degree in Economics. He earned a Masters Degree in Business Administration from the University of Massachusetts at Amherst in 1978, and was a distinguished graduate of the National War College in 1994. His personal awards include two Legions of Merit, three Meritorious Service Medals, four Coast Guard Commendation Medals, and a Coast Guard Achievement Medal.

Rear Admiral Venuto is a native of San Antonio, Texas. His wife Katina is a native of New Haven, Connecticut, a 1970 graduate of the University of Connecticut at Storrs, and currently a nurse with Anne Arundel County, Maryland. They have two children: son Troy, is a student at the University of Maryland at College Park, and daughter Tiffany, is a student attending St. Mary's High School of Annapolis, Maryland.

**Lieutenant Commander
Charles A. Schue, III
U.S. Coast Guard**



Lieutenant Commander Schue is the first Commanding Officer of Loran Support Unit (LSU) Wildwood, NJ, a Coast Guard Center of Excellence. He formerly served as the Chief, Loran-C Branch at the Coast Guard Electronics Engineering Center (EECEN). He is a "mustang", having enlisted in the Coast Guard in 1974 and climbed the ladder through the enlisted, warrant, and officer corps. He achieved the rank of Chief Electronics Technician in 1981, and was appointed to Chief Warrant Officer in 1984. After completing Officer Candidate School, he was commissioned a Lieutenant Junior Grade in 1987. He holds a Master of Science degree in Electrical Engineering from the Naval Postgraduate School, Monterey, California, where he specialized in robotics. His Master's thesis research, performed in Japan and funded by the National Science Foundation, was the first ever joint United States-Japanese effort in autonomous robotics. He also holds a Master of Science Degree in Engineering Management from Western New England College. LCDR Schue is a Certified Engineering Technologist, Certified Quality Engineer, and Certified Quality Auditor.

During his Coast Guard career, Lieutenant Commander Schue has, as a technician, engineer, or manager, played a part in every major technological advance in the Long Range Navigation system known as LORAN since 1975. He has also provided extensive assistance with the development and maintenance of other national navigation aids, such as the Vessel Traffic System and the Differential

Global Positioning System. His diplomatic and technical skills have been a cornerstone of the United States' continued international relationship and technical partnering with the member nations of the Northern European Loran System and the Far East Radio Navigation System.

As a Quality Assurance Representative at Coast Guard Headquarters, he provided technical, contract, and quality assurance on systems as diverse as the Loran Solid-State Transmitter, R-41X radar, Sea-Based Aerostat, HH-60 Jayhawk Avionics Maintenance Trainer, one-man life raft, all manner of navigational buoys, 47' Motor Life Boat, and 120' Heritage Class Prototype Patrol Boat. He has completed three operational shore assignments in Alaska, Florida, and Japan as well as assignments to Governors Island, NY; Bedford, MA; and Phoenix, AZ.

Mainly through his outstanding leadership abilities, a collaborative software development effort between the Loran Support Unit and W. R. Systems contract personnel won the 1997 Department of Transportation Secretary's Team Award "for exceptional performance to support the reinvention, or reengineering of practice, operations, and customer service."

From a field of over 9,000 Coast Guard engineers, LCDR Schue was selected as the Coast Guard's Federal Engineer of the Year for 1999. He was recognized for his accomplishments by the Society of Professional Engineers at a special Washington, DC ceremony during National Engineers Week.

Lieutenant Commander Schue is a direct descendant of the Eastern Band of Cherokee Indians from North Carolina. Hendersonville, NC is named for his Great-Great-Grandfather, John Henderson. LCDR Schue is the second highest-ranking American Indian serving as a Commissioned Officer in the U.S. Coast Guard.

Lieutenant Commander Schue's military awards include the Meritorious Service Medal, Coast Guard Commendation Medal, two Coast Guard Achievement Medals, two Commandant's Letter of Commendation Ribbons, the Military Outstanding Volunteer Service Medal, and 24 other service and unit awards. He is married to the former Lori Lee VanKirk of Webster, Pennsylvania. They have two children: Ian Fredrick, who attends the University of Pittsburgh, and Tirena Jo, who will start high school this year.

**Commander
Gordon K. Weeks, Jr.
U.S. Coast Guard**



After growing up on the tropical island of Kwajalein and graduating high school out of North Dakota, CDR Weeks enlisted in the Coast Guard in 1978. He completed boot camp at TRACEN Alameda, CA, and was ordered to the USCG Cutter JARVIS in Honolulu, HI. After two, three-month Alaska patrols, he departed JARVIS for Elizabeth City, NC and the Aviation Technical Training Center's Aviation Electronics School.

After pinning on AT3, he was sworn in as a Cadet at the USCG Academy. Graduating with High Honors in 1984, CDR Weeks next served as the Operations Officer aboard the USCG Cutter RED CEDAR, a coastal buoy tender homeported at Portsmouth, VA. After servicing over 500 buoys and lighthouses, he was selected for a tour of duty as Commanding Officer, USCG LORAN Station St. Paul Island, AK.

Upon proper relief, CDR Weeks proceeded to Monterey, CA where he earned his Masters Degree from the Naval Postgraduate School. He was next detailed to Governors Island, NY and the Operations Computer Center where he redesigned and developed the worldwide Automated Mutual-assistance Vessel Rescue (AMVER) system. The new system went operational within two (2) years of the developmental start date at the newly commissioned Operations Systems Center (OSC), Martinsburg, WV. As the Assistant Operations Officer at OSC, CDR

Weeks was responsible for the design, development and daily operations of the AMVER system, USCG Marine Safety Information System, USCG Law Enforcement Information System, Computer Aided SAR Planning, and Joint Maritime Interdiction Element systems.

Following OSC, he served as the Deputy Group Commander/Executive Officer of Group/Base Fort Macon, NC consisting of 10 operational units conducting operations in the southern half of North Carolina and in the Caribbean. He comes to LSU from the Command and Control Engineering Center (C2CEN) where he served as the Land Based Systems Engineer for the Vessel Traffic Service (VTS) system, the Maritime and Nationwide Differential Global Positioning Systems (DGPS) and the Short Range Aids to Navigation (SRAN) control systems.

Commander Weeks' military awards include two (2) Meritorious Service Medals, two (2) Coast Guard Commendation Medals, Coast Guard Achievement Medal, Commandant's Letter of Commendation Ribbon, and 13 other team, service and unit awards. He is married to the former Ms. Angela Lee Mangouranen of Portsmouth VA. They have three children, Brett, Ted and GT.

About the LSU

The Loran Support Unit (LSU) was commissioned as an official U.S. Coast Guard headquarters command on 16 May 1997. The LSU is the Coast Guard's and United States' pioneer and specialist in Long Range Navigation (LORAN) equipment support and Systems Management. The LSU resides on approximately 120 acres at the southernmost portion of what was formerly the Coast Guard Electronics Engineering Center (EECEN), which was disestablished on 01 August 1997 after almost 50 years of diligent service. LSU is located adjacent to the Atlantic Ocean on one of the barrier islands along the peninsular southern tip of the State of New Jersey just north of Cape May.

The area provides a near-ideal buffer zone of electromagnetic field silence necessary to perform our mission. The high ground conductivity, proximity of the Atlantic Ocean and Delaware Bay, lack of geological discontinuities in the area, and freedom from local man-made electrical disturbances make this location very desirable for propagation tests and field strength measurements. The radio aids-to-navigation work the LSU performs cannot efficiently be performed elsewhere because the rather extensive antenna and ground systems require a large amount of space not available to the usual laboratory facility or equipment manufacturer. At operational stations, the requirement for continuous service precludes time out for experimental work.

The LSU is staffed principally by Coast Guard Officer engineers, enlisted Electronics Technicians (ET), and civilian engineers. A small group of non-technical personnel handle administrative and station maintenance functions. The staff currently consists of eleven officers, twenty-three enlisted personnel, thirteen civilians, and five contractors.

The United States Coast Guard is tasked with operating and maintaining the U.S. Loran-C Radionavigation service to meet the needs of air, land, and marine users. Under the control and supervision of Coast Guard Headquarters in Washington, DC, the Loran Support Unit provides the equipment, software, engineering, and technical support for the Loran-C navigation system through a variety of projects, including design, modification, and field testing of electronic equipment. LSU is

also assigned responsibilities as the Systems Management and Engineering Facility (SMEF) for all Loran system equipment and Coast Guard peculiar software.

Presently, the LSU supports 4 Control Stations, 29 Loran-C Transmitting Stations, and 29 Primary Chain Monitoring Sites throughout North America. International agreements also require us to provide support to our Canadian and Russian neighbors, with whom we share radionavigation responsibilities across our common land and sea borders.

The basic concept of the mission of the Loran Support Unit lies in its unique ability to handle electronics problems on a systems basis. This involves a study of the performance of electronics equipment as components of a complete system, from primary power source to radiated or received signals. In the development of most new systems, evaluation under laboratory conditions is the final requisite step prior to approval to proceed with field testing, evaluation, and, hopefully, installation.

LSU laboratories house a host of electronics equipment that provide an interesting diversity for engineers and technicians alike. 1960's water-cooled vacuum tube transmitters compete with their advanced solid-state counterparts. 1965 PDP8 octal computers work right next to the highest performance Tactical Advanced Computer (TAC) systems. Atomic clocks give us precise time, and sophisticated communications equipment allows us to keep remote equipment synchronized. All of this equipment is installed and maintained to represent every possible field configuration, thereby enabling engineering investigations to duplicate problems reported by the field. LSU has the unique privilege of operating the only Loran transmitting antenna in the world available for real-world testing.

Most every electrical engineering specialty is represented at the LSU: Power Systems, Computer Systems, Telecommunications, Control Systems, Digital Signal Processing, and Electromagnetics. Engineers and technicians thrive on the ability to design, develop, test, evaluate, and field equipment and systems that leverage technology to decrease cost, increase efficiency, and reduce maintenance of the "World's Premier Radionavigation System".



1974



1981



1984

*There is a port of no return,
Where ships may ride at anchor
For a little space.
And then, some starless night, the
cable slips, leaving an eddy
at the mooring place...
Gulls, veer no longer.
Sailor, rest your oar.
No tangled wreckage will be
washed ashore.*

Leslie Nelson Jennings

"Lost Harbor"

Third Book of Modern Verse

It's the PEOPLE



That make LSU work

USCG LORAN SUPPORT UNIT FIRST "CREWS"

16 May 1997 – 21 July 2000

LCDR Charles A. Schue, III
Commanding

LCDR Gary Thomas
Executive Officer

Officers	Chiefs	Enlisted	Enlisted	Civilians	Contractors
LCDR Alan N. Arsenault	ETC Bernard B. Bensen	ET1 T. E. Bateman	ET2 Stephen C. Pearson	Mr. Raymond A. Agostini, III	UnitSys
LCDR Stephen J. Bartlett	ETC William K. Brown	ET1 Glenn E. Bates	ET2 Dagbne A. Szust	Mr. Paul R. Barker	Mr. Daniel Coombs
LT James R. Betz	ETC Bruce Clark	ET1 Barry K. Boyd	ET2 Bruce A. Tessier	Mr. Donald C. Boston	Ms. Sandra Kieffer
LT James M. Boyer	ETC A.J. Edwards	ET1 John D. Brown	ET2 R. Wendleaff	Mr. Joseph E. Braudi, II	WR Systems
LT Roberto Devarte	ETC Christopher J. Frederick	ET1 Jeffrey P. Coombs	ET2 Robert E. Wills	Mr. Edward J. Campbell	Mr. Wilson G. Hamilton
LT Steven V. Dyer	ETC Timothy A. Horner	ET1 Laurence A. Eberle	ET2 Ed Zobrest	Mr. Michael J. Campbell	Mr. John E. Hartzell
LT James C. Koerner	DCC Scott Iozzo	ET1 Walter K. Farmer	ET3 Todd J. Abraham	Mr. William L. Combatti	Mr. William P. Sage
LT John L. Hartline	ETC Greg Savaglia	ET1 David M. Fournier	ET3 D. Benton	Mr. John S. Elliott	Mr. Charles A. Toney
LT Glenn D. Stocks	ETC Richard E. Viers	ET1 Michael A. Luna	ET3 Anthony J. Castelli	Mr. Daniel E. Farrell	
LT Christopher R. Stout	YNC Celestine E. Walker	ET1 Nicholas M. Mynik	ET3 M. J. Cheslock	Mr. James A. Fiocca	
LT Daniel W. Tanguay	ETC Charles Wood	ET1 Gerry D. O'Connell	ET3 C. B. Fleming	Mr. William T. Forrest	
LT Alan L. Yelvington		YNI Joseph E. Ormond	ET3 B. J. Foxwell	Mr. David H. Freese, III	
LTJg Randy L. Little		ET1 Randolph C. Penton	ET3 R. T. Gray	Mr. Jeffrey C. Harried	
LTJg Todd W. Moyer		ET1 Craig B. Scott	ET3 Cheyenne M. La Rance	Mr. David N. Hartley	
CWO Richard S. Greenfield		ET1 Michael L. Seastett	ET3 Paul J. Lachowsky	Mr. Ernest A. Paulus	
CWO Kirk W. Montgomery		ET2 Barry M. Bankston	ET3 P. B. Majors	Mrs. Deborah G. Runyon	
CWO Stephen H. Rogers		SK2 Laura F. Brummert	ET3 Ryan J. Odagard	Mrs. Jeannie L. Sansone	
		ET2 Kevin W. Church	ET3 N. D. Percue	Mr. James J. Westerhold	
		ET2 Jennifer E. Foley	ET3 Allen A. Rodriguez	Mr. Raymond R. Wiedower	
		ET2 William T. Henry	ET3 T. E. Trishman		
		ET2 Scott A. Herring	SNET Virgil E. Banks		
		ET2 Kutan Kama	SNET Jeffrey R. Kott		
		ET2 Robert J. Mattingly	SNET Richard F. Williams		



"Club LSUI"



LSU: The end of the rainbow!