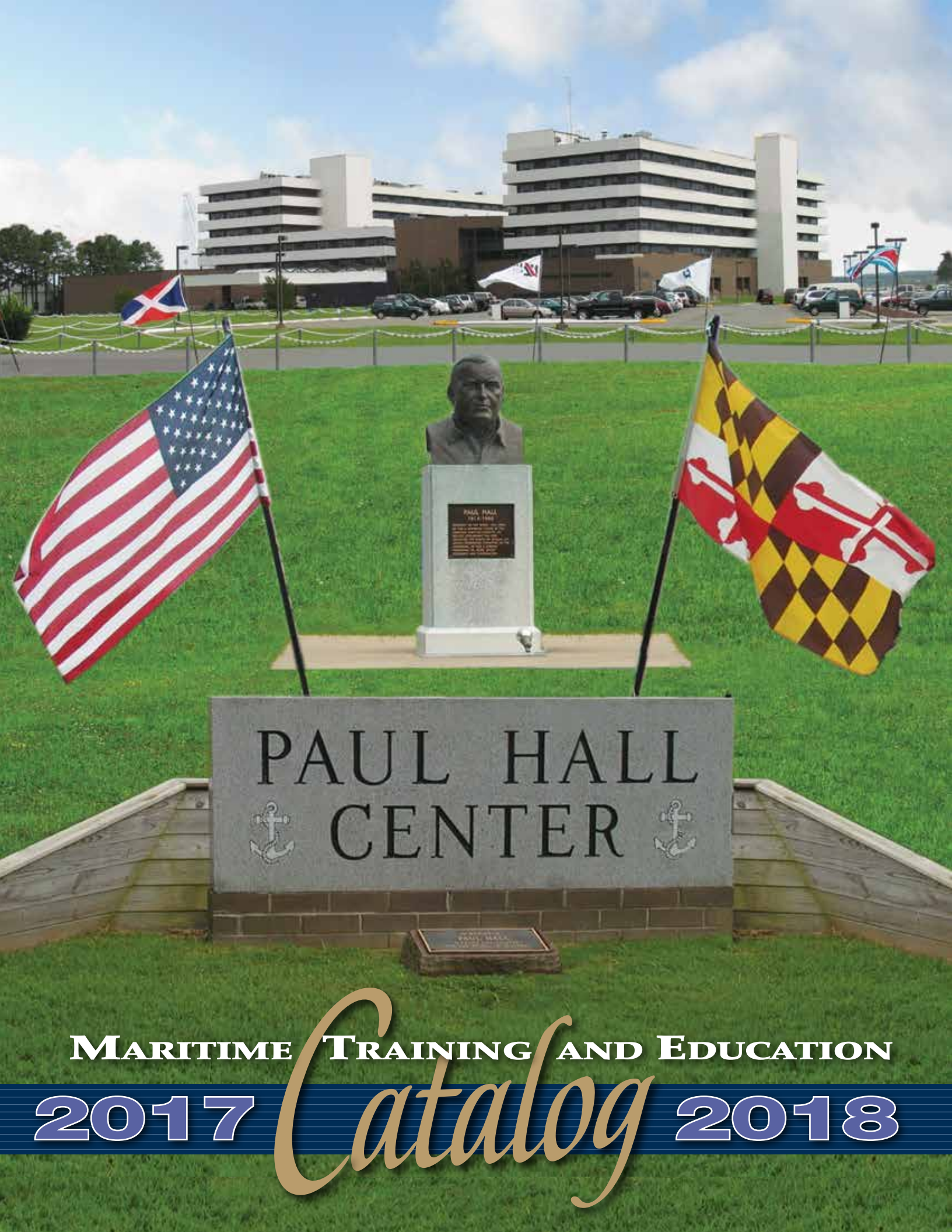
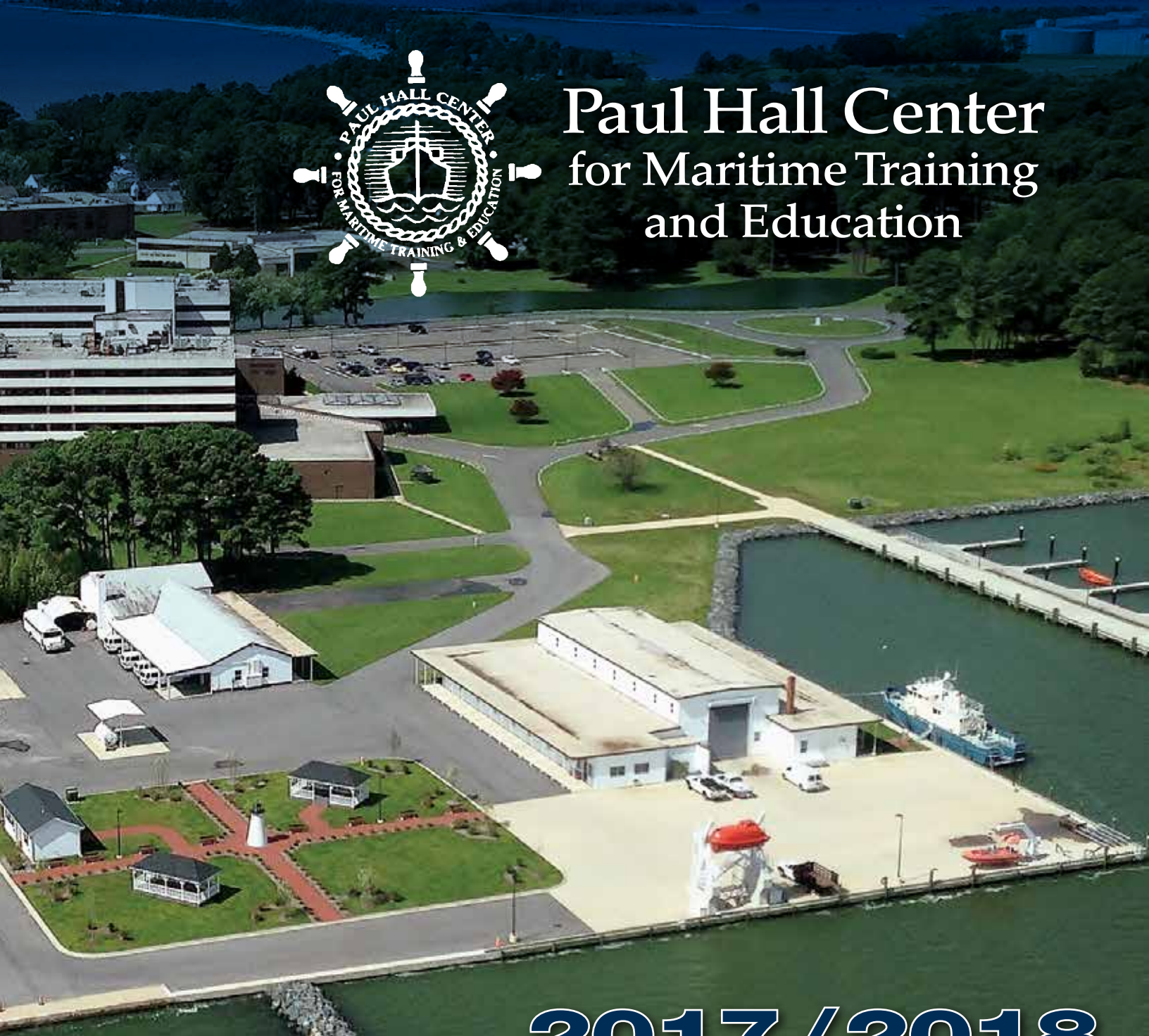


Maritime Training and Education

2017 Catalog 2018



Paul Hall Center
for Maritime Training and Education

2017/2018 CATALOG

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For additional information, visit our web site at www.seafarers.org.
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The Paul Hall Center for Maritime Training and Education is an equal opportunity educational institution.

Seafarers Harry Lundeberg School of Seamanship

Joseph Sacco Fire Fighting and Safety School

Lindsay Williams Building/ Bob McMillan Simulator Center

Paul Hall Library and Maritime Museum

Thomas Crowley, Sr. Center for Maritime Services

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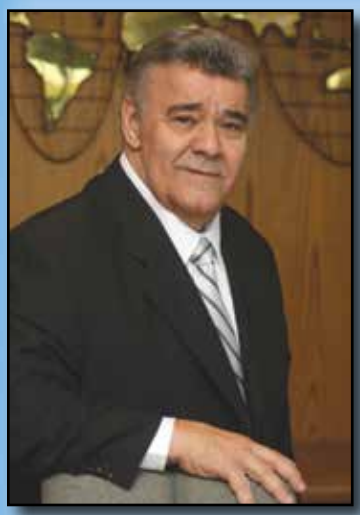


Top of the Class

Welcome to the Paul Hall Center for Maritime Training and Education – the largest training facility for deep sea merchant seafarers and inland waterway boatmen in the United States.

Founded in August 1967, the center is named in honor of the late Paul Hall, the second president of the Seafarers International Union. During its early days, the center focused primarily on providing training for a manpower pool to work aboard U.S. ships. It also served as a hub where mariners could go to hone their skills and keep them up to date.

Over the years, the center has undergone far-reaching transformation and boasts an amazing story of progress and growth. During that time, however, its basic mission has remained unchanged: to educate and deliver the world's best-trained, safest mariners.

So far, the center has accomplished its charge in impressive fashion. Enrollment is strong and the overwhelming majority of those who enter the institution successfully accomplish their goals. Tens of thousands of individuals have completed the center's entry-level training program; many have gone on to enjoy prosperous careers as merchant seamen. Well over 100,000 have enhanced their skills by returning to the center and participating in upgrading training programs.

Thousands of honorably discharged military veterans also have secured maritime jobs through the center, and more than 1800 people have earned their GEDs while attending the school. The institution also offers college degrees in nautical science and marine engineering.

Situated on 60-plus picturesque acres of waterfront in Piney Point, Maryland, this world-class training facility includes the Joseph Sacco Firefighting and Safety School, the Seafarers Harry Lundeberg School of Seamanship, the Thomas Crowley Sr. Center for Maritime Services, the Bob McMillan Simulator Annex and the Paul Hall Library and Maritime Museum. The center currently offers dozens of U.S. Coast Guard-approved courses that are taught by highly qualified and dedicated instructors. In addition to an impressive bevy of well-equipped multi-function classrooms, the center boasts numerous maritime simulators which enable instructors to conduct training on multiple maritime platforms. Those simulators were installed in 2015 as part of a multi-million-dollar renovation.

The school is a joint trust between the Seafarers International Union, Atlantic, Gulf, Lakes and Inland Waters and its contracted employers. The school is funded and maintained through joint contributions of signatory employers. Jointly appointed trustees then manage the contributions to most effectively operate the school.

Outlined in the following pages are descriptions of the courses as well as other information on what prospective students can encounter as they embark on meaningful professions in the maritime industry. I trust that you will be excited about what you read and that you will allow the school to assist you in navigating your career path.

Michael Sacco

President
Seafarers International Union

History of the Paul Hall Center

The Paul Hall Center for Maritime Training and Education is the largest training facility for deep-sea merchant seafarers and inland waterways mariners in the United States. The Center has developed a pioneering approach to education that has successfully integrated vocational training, academic enrichment and trade union responsibility.

Named for Paul Hall (1915-1980), an outstanding past president of the Seafarers International Union, the Center is the product of a unique cooperative effort between the Seafarers International Union of North America and its contracted shipping companies. The Center includes the Joseph Sacco Fire Fighting and Safety School, the Seafarers Harry Lundeberg School of Seamanship, the Thomas B. Crowley Sr. Center for Maritime Services, the Bob McMillan Simulator Center, and the Paul Hall Library and Maritime Museum. The Center is committed to providing the nation's maritime industry with skilled, physically fit and responsible deep-sea seafarers and inland waterways mariners.

The Center believes that the men and women who choose careers as professional mariners must be provided with the knowledge and skills to keep pace with technological advances within their industries. As a result, the Center has developed a total program for professional advancement as a U.S. Merchant Mariner. This program focuses on three key areas:

1. Providing young men and women who have no maritime experience with the basic skills they will need to serve aboard U.S. flag ships or tugs and towboats;

2. Providing professional advancement for experienced mariners through career upgrading programs; and

3. Providing the academic education which is an essential complement to the modern technical skills needed in today's water transport industries.

Since its founding, the Center has provided careers for an entire generation of young men and women and, at the same time, provided trained and qualified manpower aboard America's merchant vessels whenever and where ever needed to ensure that vital cargo is moved safely and on time.

Originally, the Seafarers International Union maintained training facilities in five ports throughout the country. As the programs expanded to meet the challenges of advancing technology, it became necessary to centralize the train-

ing activities. Thus, in 1966, the present site in Piney Point, Maryland was acquired to house the Seafarers Harry Lundeberg School of Seamanship.

By bringing together highly qualified educators in the specialized field of maritime training, centralization made possible the rapid expansion of the Center's vocational programs. As vocational education became more advanced and specialized, the need for academic skills to master highly technical instructional manuals became evident. To meet that need, a reading skills program was established in 1970. The program proved to be a highly successful complement to vocational training. Today, a complete high school equivalency program (GED) is offered as well as an adult basic education program, study skills and an English-as-a-Second-Language tutoring program.

In 1972, the Seafarers International Union recognized the need for trained personnel aboard the tugs, towboats and barges of the inland and coastal waterways. Again, the Center responded to this need, and today, basic vocational training and upgrading programs in all licensed and unlicensed ratings are available to America's professional inland boatmen.

In 1978, the Seafarers Harry Lundeberg School of Seamanship entered into a contractual agreement with Charles County Community College of Maryland. This agreement made it possible for students to take college-level courses offered by Charles County Community College at the Seafarers Harry Lundeberg School of Seamanship and earn an Associate of Arts degree. Seven years later, the School developed its own Associate of Applied Science degree programs in Nautical Science Technology and Marine Engineering Technology. These programs received full approval from the Maryland Higher Education Commission that same year.

The Center continued to expand. In 1981, the Paul Hall Library and Maritime Museum was dedicated. Since opening, it has become one of the best sources for maritime labor and history research in the United States.

In 1984, the Seafarers Training and Recreation Center was completed, adding a new conference center and 300 modern hotel style rooms and dormitories.

In 1985, the Center undertook new programs for training crews for Military Sealift Command-contracted ships. This program has answered the Navy's need for trained Seafarers to operate these special classes of ships. Included in the courses approved by the Military Sealift Command are damage control; material handling; underway replenishment; cargo handling; chemical, biological and radiological defense; marine environmental awareness; and Level I anti-terrorism/personal protection.

Also in 1985, the Center began its long association with the American Council on Education (ACE). Over the years, this prestigious educational organization has reviewed and recommended vocational courses for comparative college credit, providing seafarers with the opportunity to transfer course credit to other institutions of higher learning.

A multi-function bridge deep-sea and inland simulator system was constructed in 1985. It had a full range of instructional, maritime research and developmental capabilities. The full-size, main bridge mock-up was correlated to a 180-degree beam-to-beam field of view as well as a 35 degree stern view. The main bridge contained appropriate bridge controls, electronic navigation equipment, collision avoidance radar and bridge-to-bridge communication equipment. Additionally, three independently maneuvered auxiliary bridges allowed for interaction between the main bridge and traffic vessels. This simulator would remain in place until the turn of the century.

In response to the demands for continued enhancement of maritime education, the Center added two specialized programs to the curriculum in 1991. The first was based on the requirements of the Oil Pollution Act of 1990; an oil spill emergency containment and cleanup course was created. Secondly, an entirely new electronics lab was set up to accommodate students for a marine electronics technician program. This course helped prepare students who wish to sit for their Federal Communications Commission (FCC) license exam.

During the late 1990s, the Center recognized the need to upgrade its technology and provide opportunities for students to learn and use personal computers. Additional computer equipment was purchased for the lab in the Academic Department. Computers are now installed in the library for student use for both personal and instructional purposes. The computer lab is now being used in to teach Microsoft Windows programs, develop inventory and menu programs for Steward Department personnel, teach Navigation Rules, and assist in the training of other vocational skills.

In 2000 a new dormitory consisting of 100 additional single occupancy rooms for upgraders was constructed at the Center.

The Center constructed and opened the state-of-the-art Joseph Sacco Fire Fighting and Safety School in 1999. This school and program have achieved national recognition for excellence. Instructors from the school also are also traveling to provide training for crews aboard vessels throughout the world. A small arms range was added to the Joseph Sacco Fire Fighting School which allows for weapons qualification and recertification for MSC maritime personnel.

In 2015, the Center installed a new advanced state-of-the art visual ship handling simulator.

The new simulator is full mission with 2 interactive towing vessel bridges as well as 3 interactive deep sea auxiliary bridges. The main bridge simulator offers a full 360 degree field of vision.

This new comprehensive simulator provides enhanced training opportunities in the following areas: voyage planning and execution; coastal and offshore navigation; collision avoidance; ARPA/radar operation; electronic navigation systems; search and rescue operations; vessel traffic management; high speed navigation; bridge watchkeeping procedures including tugs and barges, and piloting; emergency procedures; oil spill response management; port development; human factors; and bridge team management.

The engine department simulator provides training for engine room watchkeeping, diesel propulsion, and electrical power plants. Additionally, the simulator includes an auxiliary system, machinery simulator, crane and liquid cargo simulation. Through the use of the simulator, engine department personnel experience realistic training and assessments. (These facilities are now housed in the Bob McMillan Annex, which is attached to the Lindsey William Building)

Other new stand-alone simulator systems provide realistic training on shipboard crane operation, Electronic Chart Display and Information System (ECDIS), and Global Maritime Distress and Safety Systems (GMDSS).

In the coming months and years the training of American merchant seamen in the handling of liquefied gas (LG) will be a growing part of the maritime industry. To prepare for this training

The Center has recently added a comprehensive LG program to its growing list of simulation training. The new simulator is a competency and assessment based training system and allows students to develop the skills necessary to safely load and unload a vessel with liquid gas cargo. Students learn and understand system alignment, cargo pump operations, loading and discharging alignment, ballast systems, inert gas systems and the volatility of the cargo. This training will provide new job opportunities for the members of the Seafarers International Union.

Paul Hall Center's newest training ship, the M/V Freedom Star was acquired in the fall of 2015. Before being redesigned to serve as a training vessel for seafarers, the M/V Freedom Star was a recovery vessel for the National Aeronautics and Space Administration (NASA), retrieving solid rocket boosters following space shuttle launches.

Propelled by two combined 2,900 horsepower diesel engines, the 176-foot long, Freedom Star has a 6,000 mile range and a maximum speed of 15 knots. The ship's controllable pitch propellers and auxiliary water jet thrusters, combined with modern joy-stick dynamic positioning capability make the vessel a highly maneuverable training platform. The vessel has a 7,500 pound deck crane, which is an ideal training tool for shipboard cargo handling. It also is equipped with a fast rescue boat, which will offer critical experience in shipboard rescue boat operations. In addition, the vessel has a double towing winch, substantial towing H bitts, and fairleads for training in towing operations.
The ship also has a full modern galley where Steward Department students practice and hone their culinary skills.

In the fall of 2016, the Center entered into an agreement with the College of Southern Maryland (CSM) to establish a new college degree program. Through this cooperative effort, students will have a new opportunity to earn an Associate of Applied Science degree in Maritime Operations Technology. This new, fully accredited program will will offer concentrations in Marine Engineering and Nautical Science. Courses are planned to start in early 2017.

The Paul Hall Center remains an active participant in national and international initiatives to improve the quality of life and training of the world's seafarers. Members of the staff participate in important meetings with other maritime unions, the United States Coast Guard, and the International Maritime Organization. Other maritime organizations, recognizing the quality of the programs have taken advantage of the training and facilities offered at Piney Point. Likewise many organizations make requests to the school for instructors to teach off-campus courses throughout the United States or at maritime ports throughout the world.

New courses are constantly being developed by the Curriculum Development (CD) department at the Center to meet the training needs of our seafarers, as well as those of our industry partners. CDs knowledgeable and professional staff ensures that all new training meets the requirements of the United States Coast Guard and the Standards of Training, Certification and Watchkeeping (STCW 1995, as amended). This assures that all Paul Hall Center students receive the most up to date and highest quality training.

These continuing changes and instructional improvements demonstrate the commitment of the Paul Hall Center to develop and maintain a highly trained, current and professional work force for the maritime industry.

Mission

The mission of the Center is to provide professional training to students who are just entering their maritime career and to eligible seafarers who are employed by SIU-contracted employers who wish to improve or upgrade their seafaring skills. Through this training, upgrading, and retraining, students are well prepared to work safely, capably, and effectively aboard U.S. merchant vessels.

Goals

1. To deliver vocational and academic education through programs, which are uniquely flexible and well suited to the lifestyles of seafarers.

2. To instill in seafarers a pride in their occupation, a professionalism in their job performance, and a desire to continually improve their maritime skills and vocational and academic educational levels.

3. To provide the deep sea and inland waterways maritime industry with skilled, knowledgeable, and responsible seafarers.

4. To give full and complete effect to the new training and assessment requirements of the amended Standards of Training, Certification and Watchkeeping (STCW).

5. To provide students with both the theoretical background and practical application of job skills necessary for work aboard today's merchant vessels.

6. To provide the vocational and academic education, skills and knowledge base that are an essential foundation for the modern technical skills required in today's water transportation industry.

7. To make available opportunities for seafarers to complete the GED program at the high school level or complete a Certificate in Maritime Technology or a two-year college program in an Associate of Applied Science degree (Nautical Science or Marine Engineering Technology).

Training

The training of men and women for jobs on privately owned, American-flagged ships and boats takes place through two vocational education programs offered at the Center: the Unlicensed Apprentice Program, for those starting out in the maritime field; and the Upgrading program, a continuing education program for those who have sailed and wish to increase and upgrade their training and job skills.

Credit for Military Service

Students who have formerly served in the armed services may submit their DD-214 or submit a transcript of their military course work. This transcript is available for members of the Armed Services, who have served since 1983, from the American Council on Education and may be accessed from their web site. This transcript will then be reviewed by the Director of Education and/or the Academic Coordinator. Credit for sea-time, job experience or U.S. Coast Guard endorsements or licenses issued through testing may also be evaluated and accepted as credit toward a student's program of study.

2010 Standards of Training, Certification, and Watchkeeping (STCW) Amendments

These rules and regulations adhered to by the United States and 119 other nations, have a direct effect on the training and upgrading of seafarers. The STCW sets qualifications for masters, officers and watchkeeping personnel on seagoing merchant ships. These regulations are enforced in the United States by the Coast Guard. Merchant ships and smaller U.S. documented commercial vessels that operate on oceans or near coastal voyages also are subject to the provisions of the STCW.

The 2010 Amendments to the STCW are comprehensive and detailed. They concern port-state control, communication of information to the International Maritime Organization (IMO) to allow for mutual oversight, and responsibilities of all parties to ensure that seafarers meet objective standards of competence. They also require candidates for certificates (licenses and document endorsements) to establish competence through both subject-area examinations and practical demonstration of skills. Training, assessment and certification of competence are managed within a quality standard system to ensure that stated objectives are being achieved.

All seafarers employed or engaged in any capacity aboard a seagoing ship, must provide evidence of having achieved or retrained, within the previous five years, the required standard of competency in personal survival techniques, fire prevention and firefighting, elementary first aid, and personal safety and social responsibility before they are assigned any shipboard duty. These standards are taught in the Basic Training Course.

For the Center, this has meant that courses have had to be revised, new outcomes and objectives written, and that a method of practical assessment had to be developed. Instructors must meet new requirements, and assessors must be trained to be examiners in order to assess the competence and skills of individual seafarers.

As the name indicates, this international treaty impacts both the content of training received by merchant mariners and the methods by which such courses are made available. During the past few years, the School Training Record Book has restructured its courses to fully comply with the provisions of the STCW.

At the same time, the Center has initiated procedures to assist mariners to maintain their licenses, certificates of endorsement, and to comply with these new provisions.

A Training Record Book (TRB) was issued to members beginning in the winter of 1997. All of the courses required for STCW endorsement after January 31, 1997, have been approved. These courses include those required by the STCW Convention as well as personal survival techniques, elementary first aid, fire prevention and firefighting, and personal safety and social responsibility. As courses have been approved, seafarers have received the STCW endorsements or certifications qualifying them to sail under this treaty.

The Center and all of its schools have embraced the competency-based training and demonstration of proficiency philosophy contained in the STCW. While at the Center, students are informed of the latest STCW requirements.

Joseph Sacco Firefighting and Safety School

In 1999, the Center opened a firefighting and safety training school. This school, located on property adjacent to the Center, features state-of-the-art training aids for teaching basic and advanced firefighting, damage control, confined spaces, and helicopter-firefighting. Included at the school is a mock-up of an engine room, a bilge fire, and an intricate maze that resembles those found on board many merchant vessels. Located in the instructional building, the swimming pool allows for water survival training and testing.

A small arms range is located on the site and allows for training of merchant mariners in the use of a rifle, shotgun and pistol. This training prepares Seafarers for vessel security duty aboard U.S. flagged commercial vessels.

Simulation

Recognizing the importance of simulation in training the School has installed a new 360-degree FOV (Field of View) Full Mission Bridge, which incorporates a 10-channel visual projection system and all the hardware and software needed to run multiple types of vessels. It also includes a new Full Mission Engineroom simulator which utilizes the latest touchscreen technology to simulate diesel, steam, and gas turbine engineering plants. The installation has been fully upgraded and represents a commitment to provide the highest quality training that today's technology allows. The School gratefully acknowledges the support of our contracted operators and international carriers for assisting in this development.

The Lindsey Williams Building is home to the Radar, ARPA, ECDIS and GMDSS classrooms, two dedicated tug bridges, one full mission bridge simulator, the full mission engineroom simulator, three auxiliary bridges and two debrief areas.

The Drozak Building is now home to the new Kongsberg Crane Simulator. The Logan Building contains a twenty four person engine classroom and a ten person Liquid Cargo Handling Simulator (LCHS) which are interchangeable in their usage.

All of these simulation programs are interactive and meet the competency requirements for the demonstration of skills required by STCW 2010. These advanced training systems provide students with the opportunity to experience realistic operational situations that will lead to improved job performance and increased career opportunities.

Library

The Paul Hall Library and Maritime Museum offers a wide range of services. Printed materials include more than 17,000 volumes on maritime and labor history and reference material to support the vocational and academic courses offered at the School. The library subscribes to a variety of periodicals, many of which provide current information about the maritime industry. The museum collection includes ship models, historic nautical instruments and union memorabilia. Desk top computers are available for student and staff use. Limited access to the Internet is available in the library.

Education Technology

The Education Technology department, located in the library, contains a multimedia production facility. Here, the Center designs, produces and distributes audiovisual programs. Additionally, the media center provides access to more than 1700 educational and entertainment programs via individual workstations and a 70 seat theater.

Computer Lab

The academic department maintains and staffs a computer lab, which contains Windows compatible PCs. Various programs and tutorials are available for student and instructor use. These include computer basics, word processing, spreadsheets, typing, Coast Guard material, Morse Code, rules of the road, and vocational study guides designed for SHLSS vocational courses. A lab instructor is available to provide assistance to students. Seafarers may schedule computer classes through the admissions office. Certificates are awarded for successfully completing the computer basics and Microsoft Windows application courses.

Health Care

A health care facility is available at the Center. It consists of a dispensary staffed by a registered nurse. Emergency medical care is available at all times at a nearby hospital-medical facilities and urgent care center.

Recreation

Recreational facilities are available to students during their free time. Swimming, basketball, baseball, volleyball, pool, tennis, arts and crafts and fishing are some of the possible activities. Color TV, video and audio-tapes are provided for students' use.

Health Spa

The Health Spa is a modern facility equipped with Nautilus, free weights, and universal machines. The programs are designed to meet the needs of students of all ages. The spa is also equipped with aerobic machines, sauna, and an outdoor Olympic-sized swimming pool. Two tennis courts are available on the School grounds.

Arts and Crafts

The Arts and Crafts Shop is a recreational and educational facility. A fully equipped shop with a professional instructor is maintained for the purpose of training in the areas of silver-smithing, woodworking, stained glass, wood burning, leather, painting, drawing, model boat building, scrimshaw, and enameling as well as other creative arts. Lectures and discussions are conducted with emphasis on planning for leisure time activities aboard ship.

Sea Chest

The Sea Chest shop is open to students for the purchase of personal items, clothing, snacks, and souvenirs.

Laundry

Laundry services are available to all trainees free of charge. Coin-operated washers and dryers are available for upgraders and guests in the east wing of the second and third floors.

SEAFARERS TRAINING AND RECREATION CENTER (TRC)

The Seafarers Training & Recreation Center houses all Unlicensed Apprentice trainees and upgraders. It has a large auditorium, five conference rooms, formal and informal dining areas, a health spa, an outdoor Olympic-sized swimming pool, Mooney's Pub, and many recreational areas.

Rules & Regulations for Seafarers Training and Recreation Center (TRC)

1. Visitors of the opposite sex are not permitted in a student's room.
2. Spouses and dependents are permitted to live with a student during the time they are completing an upgrading course. Proof of marriage is required, and the student is responsible for the conduct of his or her dependent(s). There is a limit of five persons to a room. Additional rooms may be available at a special rate to accommodate larger families. There will be no charge for dependents while a student is attending classes.
3. An ATM machine is available in the main lobby
4. All television, radio and stereo equipment is to be kept at a normal volume until 2200 hours and should be turned down after that time.
5. There is a health spa located in TRC. The hours of operation are posted at the health spa registration desk. Please check at the desk for all other Center facilities' hours.
6. The Center accepts NO responsibility or liability for valuables unless they are checked into the safe deposit box at the purser's office when the student arrives.
7. The Center accepts NO responsibility or liability for any personal injury to the students or dependents.
8. As soon as a course is completed, students must report to the TRC front desk to check out. Individuals are held responsible for any damages or loss of items caused by themselves, their guests, or their dependents to the assigned room or damage in any of the public areas.
9. No smoking in hotel rooms. Students are responsible for any damage to a room as a result of smoke or cigarettes.

Academic Calendar

The beginning and ending dates for each course and program are published monthly in the Seafarers LOG, which is sent to every SIU member, SIU hall, SIU-contracted vessels, and other interested parties, and on line at www.seafarers.org.

Class Schedule

Each student, regardless of the program, must attend classes during scheduled hours. Students who are ill must see the School's nurse to be excused from class. Occasional field trips and special events may be scheduled during the normal class day. Students must attend 90% of USCG approved training course.

Holidays

The legal holidays observed by the Center include: New Year's Day, Martin Luther King's Birthday, Presidents' Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day.

Counseling Service

Counseling services are available to all students for their interpersonal and personal needs.

Religious Services

Transportation is provided to all students who wish to attend religious services.

Leave of Absence

The school does not have an attendance probationary period. Due to the limited length of some upgrading continuing education courses, students are not normally allowed a leave of absence. USCG courses approved in lieu of examination such as AS-D, or FOWT do not allow a student to miss more that 10 percent of the class hours, which in most cases is one day. So, if a student decides to depart or discontinue, it will be noted on their attendance card and they will be dropped from course. The student may reapply for the next scheduled course convening at a later date but must re-establish their union eligibility to attend the course. This may require additional shipping time and could delay the return for a year or more.

Students discontinued for misconduct who wish to return to the school will be evaluated on a case-by-case basis by the Trainee Review Board, or the Upgrading Review Board. Readmission to the school will depend on the nature and severity of the misconduct.

ACE College Credit Recommendations

The American Council on Education's College Credit Recommendation Service (ACE CREDIT®) has evaluated and recommended college credit for 91 courses offered by Seafarers Harry Lundeberg School of Seamanship at the Paul Hall Maritime Center. ACE, the major coordinating body for all the nation's higher education institutions, seeks to provide leadership and a unifying voice on key higher education issues and to influence public policy through advocacy, research, and program initiatives. ACE CREDIT helps adults gain academic credit for courses and examinations taken outside traditional degree programs.

All course credits are computed on a semester-hour credit system with a typical course meeting for fifteen (15), fifty (50) minute classroom sessions to equal one (1) credit. Laboratory credit hours are computed based on thirty (30), fifty-(50) minute sessions equaling one (1) credit. ACE will periodically re-evaluate courses for credit; therefore, specific credit count may vary as to the date a course was taken. Students must consult the National Guide to College Credit for Workforce Training published by the American Council on Education to determine the recommended credits assigned **www.acenet.edu/nationalguide**. The School's catalog specifies the most recently approved credit count. Students wishing to transfer vocational credits to another community college or four-year college must consult with a counselor at the receiving school. Each school reserves the right to determine the courses and credits which may be transferred. More than 2,000 colleges and universities consider ACE CREDIT recommendations in determining the applicability of coursework and examination results to their courses and degree programs. For 40 years, colleges and universities have trusted ACE CREDIT to provide reliable course equivalency information to facilitate their decisions to award academic credit. For more information, visit the ACE CREDIT website at **www.acenet.edu/credit**.

Department of Labor Apprentice Program

The Center joined with the U.S. Department of Labor (DOL) in the development of an apprentice program for training men and women for the maritime industry in 2003. This program includes apprentice training for the occupations of Fireman, Oiler and Watertender, Able Seafarer- Deck, and Chief Cook; thereby covering all three trades within the Union. The apprentice program ranges from 2760 to 4000 hours of on-the-job training supplemented by instruction in the classroom. The apprentice program is a competency based training program that meets the DOL Certification requirements.

This apprentice program created by the cooperative efforts of the U.S. Department of Labor and the SIU advanc-

es the shared goal of increasing the number of highly trained skilled American Seamen.

Permanent Record Information

The Center maintains a personal file for each student who attends classes. All students have the right to inspect their academic records and to challenge any documentation which they believe to be inaccurate or misleading. Academic records are the private property of the student, and, therefore, cannot be released without the student's written authorization. Students who wish to have their transcripts forwarded to other colleges or prospective employers must complete a written release form. The following is a list of the types of educational records maintained by the School:

Type of Records	Location	Office Responsible Official
Admission Application	Admissions	Admissions Office
Disciplinary	Admissions	Admissions Office
Permanent Academic	Academic	Academic Department
Diagnostic Tests	Academic	Academic Department
GED Test Scores	Academic	Academic Department
Placement Tests	Academic	Academic Department
General Education	Academic	Director of Education
Veterans	Vocational	Director of Education

The School does not release general information, public or directory information, including names, addresses, telephone numbers, dates of attendance, and class standings without written permission from the student.

Grading and Evaluation Policy

Students' grades are determined by their performance on tests, papers, assignments, laboratory and/or on-the-job training experiences. The grading scale for most Grading Policy Students' grades are determined by their performance on tests, papers, assignments, laboratory and/or on-the-job training experiences. The grading scale for most vocational courses is a percentage system. A passing grade is 70% for most Coast Guard approved courses. Some courses require a higher passing grade.

In addition, students are also evaluated on practical job factors and conduct. Students' progress is determined by their ability to perform basic skills according to stated objectives and to develop proper work habits and cooperative attitudes toward their peers. The instructors monitor, observe, and evaluate the students on a daily basis and recommend, at the end of each course, whether a student continues or discontinues the program. These evaluations are reviewed by the students for content and accuracy of information. If a student does not complete all the requirements of a course, he/she must make up that work before receiving a passing grade; only then can a student continue in the training program.

Certification and Licensing

For upgraders, the passing of the U.S. Coast Guard examination for a Coast Guard endorsement in their subject area marks the completion of their training program. Upgraders in the special and non-endorsement programs complete their programs when they have met the requirements established by the Center and/or passed the school-administered certification examination. Certificates of achievement are awarded to all students who successfully complete a course of instruction at the Center.

Learning Assistance

The vocational classroom instructors present the course content addressing all learning modalities, visual, auditory and kinesthetic. All students are administered the Test of Adult Basic Education (TABE) when they first report to the school. When Unlicensed Apprentice students score below eighth grade level on the TABE, or have documented learning disabilities, they are placed in our academic support tutoring program, which can accommodate their disabilities. The training aids used in academic tutoring are curriculum based. For instance, students enrolled in the Vessel Familiarization course would focus on exercises related to basic maritime nomenclature. Lifeboat students would use training material addressing lifesaving equipment, etc.

Students who score higher than eighth grade on TABE who find themselves struggling with course material may request vocational tutoring from the Academic Department with the approval of the course instructor. The final approval for assignment to academic tutoring is made by the Assistant Vice President and the Director of Vocational Training and Education.

Academic Honesty

Students must abide by a code of honesty and understand how important it is. This code is designed to protect all students and give greater value to their educational achievements. The spirit of integrity and honesty are personal assets and essential to a rewarding life.

While at the Center, students are required to do their own work. Any assistance from another student or the use of unauthorized aids on quizzes and tests is grounds for dismissal from the School. Every student writing a paper should be aware of the following principles to prevent plagiarism:

- All directly quoted material must be identified by quotation marks or indentations and the sources given; and

- If information is not directly quoted, the student should summarize the material in his/her own words and cite the source.

Upgraders' Review Board

The Center has established an Upgrader Review Board to provide seafarers with academic counseling when they are not meeting the minimum requirements for the course in which they are enrolled. The review board is a non-disciplinary committee that will ensure the student is advised of remedial assistance, basic vocational support, peer tutoring, and any other vocational or academic assistance activity that will provide the instructional tools needed to succeed.

Records and recommendations of the board will be recorded and a copy of the original given to the student. The recommendations of the board are guidance to the student based on an overall evaluation of the training received. The student may elect not to use the services recommended by the board. When the student elects not to adhere to the recommendations, he or she will indicate refusal of services by signature on the Upgraders Review Board Form.

Vocational Training

Building Skills for the Future

Vocational education is the key to success in the maritime career path. Seafarers of the past learned job skills at sea, a slow process of learning by hard knocks.

Today the Paul Hall Center teaches specialized skills for jobs in the deck, engine and steward departments. The curricula are constantly updated to keep abreast of changing maritime technology and new national and international regulatory requirements. Clearly, today's modern automated vessel, which costs millions of dollars, cannot be entrusted to an unskilled, non-professional. Working aboard a modern vessel is a profession for the well trained mariner.

Professional training begins with basic or entry-level vocational education programs. The Unlicensed Apprentice Program provides the knowledge, skills, and work ethic necessary for people to safely and proficiently perform their assigned duties aboard ships, tugs and towboats.

The continuing education upgrading programs provide experienced seafarers, who have the necessary required sea-time, the opportunity to advance their professional skills, keep pace with changes in the maritime industry and increase their earning potential. The course offerings in the upgrading programs include unlicensed and licensed ratings in the deck and engine departments to build professional competence in the most highly skilled seafarers in the world. Admission to the Center, however, does not guarantee placement in a particular position.

ENTRY LEVEL UNLICENSED APPRENTICE (UA) PROGRAM

Professional training begins with basic or entry-level vocational education programs.

The purpose of the Unlicensed Apprentice (UA) Program is to train, guide and encourage men and women to make careers for themselves on the world's oceans or on America's network of coastal and inland waterways.

The UA Program is recommended for individuals who wish to seek employment through the hiring halls affiliated with the Seafarers International Union. The Center's philosophy is that every new person coming into the maritime industry needs certain basic skills and knowledge before he or she embarks on more specific career training in one of the three departments: deck, engine or steward.

The Unlicensed Apprentice Program consists of five phases of instruction: (1) a fifteen-week vocational curriculum focusing on maritime organization, basic seamanship, emergency action and social responsibility; (2) twelve weeks of shipboard training focusing on ship operations and maintenance. The student serves in each of the different departments and maintains a journal of his/her activities; and (3) specialized department-specific training based on the department choice of the Unlicensed Apprentice. Successful completion of the program qualifies the student to ship as an ordinary seaman, wiper or steward assistant. During phase IV, Unlicensed Apprentices serve for four months aboard U.S flagged vessels in a paid position as a member of the crew. During Phase V, Unlicensed Apprentices return to SHLSS for advanced resident training to earn their ratings as Able Seafarer-Deck, Able Seafarer-Engine, or Certified Chief Cook.

Each student is required to attend classes a minimum of eight hours a day, Monday through Friday. Occasional evening and Saturday classes will be conducted. All student activities closely correspond to the working shipboard environment.

If a student does not have a high school diploma or GED, they are provided an opportunity to earn a Maryland High School diploma while enrolled at the school.

The Unlicensed Apprentice Program is conducted in a quasi-military environment. Students are required to wear uniforms, adhere to military-style grooming standards, live in group dormitories and march to and from class. Students are not permitted to have cars or leave the campus. This environment serves to develop a strong sense of teamwork and discipline necessary to work as part of a crew aboard ship.

Emphasis is placed on the academic-vocational programs and the completion of all Coast Guard requirements. Per Coast Guard regulation, the maximum student-to-instructor ration in all courses is 24 to 1. Students must attend all classes unless excused by the school commandant. Students must successfully complete all modules of the program and meet the necessary international training requirements found in the Standards for Training, Certification, and Watchkeeping (STCW) as enforced by the U.S. Coast Guard. Failure in any module could result in a referral to the review board. Failure in any module will result in dismissal from the Unlicensed Apprentice Program.

Apprentices are expected to obey all rules and regulations on standards of dress and conduct. Each student reads and signs a copy of the rules and regulations when they arrive at the school. Any infraction of School rules and regulations is cause for disciplinary action. This is addressed through the Apprentice Review Board. The Apprentice Review Board is comprised of a union representative, Director of Education or designee, two staff members, chief boatswain and student council president. The review board can take action ranging from dismissal of charges to dropping the individual from training.

Steward Unlicensed Apprentice Program (SUA)

This is an abbreviated Unlicensed Apprentice program which focuses on providing trained entry level personnel for the steward department. The steward department on a ship is responsible for making meals for the ship's crew. The training program is seven (7) weeks in length consisting of: Basic Training, Vessel Personnel with Designated Security Duties, Government Vessels (VPDSD), Helo Firefighting, Galley Operations and ServSafe Food Handler. Upon completion of the seven (7) weeks, the SUA will be shipped in an entry steward position on a SIU contracted vessel. After accumulating sufficient seatime, SUAs may return to SHLSS and complete the Certified Chief Cook course. Anyone completing this program is restricted to the steward department only, and cannot transfer to the deck or engine department. The application process is the same as the standard UA program.

Admissions Requirements and Procedures

Students must fulfill the following requirements in order to be accepted into the program. All applicants must:

1. Comply with the physical fitness standards for merchant mariners, as determined by the Seafarers Health and Benefits Plan;
2. Be at least 18 years of age;
3. Meet all U.S. Coast Guard-established criteria for the issuance of a Merchant Mariner's Credential

as well as any other U.S. government requirements for merchant mariners;

4. Pass a drug screening; and

5. Not be on any form of court-ordered probation or parole.

6. Certified to be in good oral health by a qualified dentist.

7. Potential students must hold a Transportation Workers Identification Card (TWIC) issued by the Transportation Security Administration (TSA).

How to Apply

Prospective students may apply on line through the Center's website:

http://www.seafarers.org/jobs/ua.html

Applications are reviewed and evaluated by the Selection Committee. If an application is accepted, the prospective student will be notified of the start date of the training program.

Additional information regarding the program may be obtained by calling toll-free 1-800-235-3275, or 301-994-0010 extension 5342, or email the Admissions Office at Admissions@seafares.org.

Student Fee Policy

SHLSS does not charge tuition.

Unlicensed Apprentices (UAs) are charged a uniform fee which is payable prior to arriving at the school. Uniforms are issued on the second day after arrival. Should a student decide to leave the school prior to the issuance of uniforms, the full fee will be refunded. If a student decides to leave the school after the uniforms are issued, there is no refund, and the student may keep the uniforms.

Upon arrival, new UAs must deposit $200.00 into their account to cover travel expenses in case they must depart the school prior to completing training. This money is refunded on completion of Phase 1 training or if they depart before completing Phase 1 training.

Phase 1 UAs receive a weekly stipend, which is deposited into their account. This is used to cover the cost of incidentals and sundries which can be purchased from the Campus Shoppe.

Other Student Costs

Students are responsible for the costs associated with obtaining required documentation including a physical examination, U.S. Coast Guard Merchant Mariner Credential and Transportation Worker Security Card (TWIC). They must also pay for their transportation to the school.

Policy Regarding Requests for Learning Accommodations

The Seafarers Harry Lundeberg School of Seamanship has the right to set and maintain standards for admitting students and evaluating their progress and is not obligated to waive any requirements that are fundamental or essential to the integrity of the programs. Students with disabilities must meet the academic, technical and physical standards for participation in the programs. Generally speaking applicable law does not require the School to provide accommodations that fundamentally alter the nature of a program (such as by diluting academic integrity) or that pose an undue hardship (defined as significantly difficult or expensive).

Pursuant to Title III of the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments Act of 2008 (ADAAA) and any relevant state law, the Seafarers Harry Lundeberg School of Seamanship will consider the request for reasonable accommodations from qualified students with disabilities. Accommodations are subject to the United State Coast Guard regulations governing training and education of merchant mariners and are considered on a case by case basis.

To receive accommodations for a disability a student must provide documentation of the need for accommodation at least 30 days prior to arrival at the Seafarers Harry Lundeberg School of Seamanship. The evaluation should be less than two years old to demonstrate the current impact of the disability and to identify appropriate accommodations for merchant mariner training. Documentation should be in the form of a psycho-educational or neuropsychological evaluation conducted by a licensed or certified psychologist, educational diagnostician or other relevant professional with training and experience in identifying and diagnosing learning disabilities on professional letterhead and signed.

The School reserves the right to request additional information or evaluation. Your written permission will be required to release information to the School. The School will maintain the confidentiality of your request for accommodation and supporting documentation, unless you give the School permission to release this information.

Job Placement

Upon completion of Phase 3 training, all UAs will be assigned to fill a paid position on a union-contracted, U.S. flagged commercial vessel. Assignments are made by the Piney Point SIU hiring hall. After completing the entire UA Program, (Phases 1-5) the graduates will receive their union probationary seniority and upgraded credential and will be eligible to ship from any U.S. port where the union maintains a hiring hall.

Student Bill of Rights

1. The Center guarantees each student the right to free inquiry and expression or assembly, subject only to the requirements governing the use of grounds and facilities.

2. Each student should be free to pursue his/her educational goals at the Center because it maintains appropriate opportunities and conditions for learning in the classroom and during on-the-job training.

3. In the classroom, students have the right to express views pertinent to the subject matter. The instructors shall have authority over conduct in the classroom and judge subject matter relevancy.

4. Each student shall have the right to expect and receive unprejudiced evaluations of his/her academic and vocational performances.

5. Instructors, counselors, and administrative staff who, in the course of their work, acquire detailed personal information in confidence from their students, shall consider all such information to be strictly confidential. This information shall not be disclosed unless legally compelled.

6. The Center guarantees that no official, administrator, or faculty member shall transmit grades, records or transcripts of any kind to any person not affiliated with the Center, without an authorized written request or permission from the student concerned.

7. A student who feels he/she has been given extra duty or demerits unfairly or an excessive amount of either, shall present the facts to the review board for consideration in extenuation or mitigation during the hearing.

8. A student has the right to remain silent when charged with an offense or regulation violation that requires review board action until the case is presented before the review board. The student is only required to sign a statement acknowledging his/her awareness of the charges. Self-incrimination is not required.

Student Council

The student council plays an important role among entry-level students in the UA Program. The goal of the student council is to maintain class spirit, involvement, and high morale.

The student council president is responsible for organizing sports events, recreational tournaments, and constructive competition among the student population. The council encourages communication between students and administration. Through the student council, the UA learns teamwork and cooperation.

Unlicensed Apprentice Phases

Phase I

During Phase I, students receive 15 weeks of resident training at the Paul Hall Center. These courses provide fundamental maritime knowledge and safety skills required for a merchant mariner. Detailed course descriptions follow.

Phase II

In Phase II the unlicensed apprentices spend 12 weeks aboard a vessel contracted with the SIU as a student observer. During these weeks at sea, the students spend four weeks in each shipboard department (deck, engine, and steward). This experience provides hand-on experience learning the skills and knowledge introduced to them during the Phase I training.

Phase II provides the students with the opportunity to determine their personal interest and their area of specialization when they return to study at the Center

Students must complete a Sea Project which requires collecting information from each department aboard the ship.

Phase III

During Phase III students return to the Center for advanced formal training. First, students begin their training with Tanker Familiarization and Government Vessels, followed by their specialty courses in either Ratings Forming Part of the Navigational Watch (RFPNW) for deck department, Basic Auxiliary Plant Operations for the engine department, or Galley Operations for the steward department.

Phase IV

During Phase IV, students serve in a paid position aboard a union-contracted U.S. flagged commercial vessel for at least 120 days. Here, they will gain hands-on experience and earn sea time by working in their selected shipboard department.

Phase V

In Phase V, students will return to the Paul Hall Center for 4 weeks of advanced specialty training. Deck students will complete the 4 week Able Seafarer – Deck course, Engine Department students will complete the 4 week FOWT/Able Seafarer – Engine course, and Steward Department students will complete the 12 week Certified Chief Cook course. Upon successful completion of Phase V, students will receive their specialty rating and their union seniority, which will allow them to register and ship from any SIU union hall.

Paul Hall Center
for Maritime Training and Education

Unlicensed Apprentice Training Phase I

Course Descriptions:

Shipboard Sanitation

FSM 101 **1 Credit**

This course is a module with in the Unlicensed Apprentice Program and provides basic sanitation knowledge and the skills required for an entry position. Emphasis is placed on awareness of hazards, shipboard sanitation products and equipment, and duties of the steward department.

Length of Course: ***20 Hours***

Galley Familiarization

FSM 103 **1 Credit**

This course provides awareness and familiarization with galley equipment and utensils in preparation for shipboard operations in the steward department. This course is in the Unlicensed Apprentice Program.

Length of Course: ***20 Hours***

Basic Firefighting

HTS 102 **2 Credits**

SHLSOS – 57

The object of this course is to familiarize the student with chemical process of fire, its behavior and the various methods and equipment used to combat it. It meets the requirements of STCW, Table A-VI/1-2, 46 CFR 10.205 (1) (2), 46CFR 10.205 (g) and CFR requirements for firefighting-tankerman. The curriculum includes the theory of fire, fire prevention, heat transfer, types and sources of ignition, spread of fire, classification of fire, fire detection systems, fire extinguishing agents and methods, and fire extinguishing systems. Instruction also including firefighting tools, personal equipment, breathing apparatus, organization of the fire parties, and emergency procedures. A moderate amount of physical exertion is required during this course. Instruction is held at the Joseph Sacco Firefighting and Safety School.

Length of Course: ***35 Hours***

First Aid and Cardio-Pulmonary Resuscitation (CPR)

HTS 103 **1 Credit**

SHLSOS – 197

The object of the First Aid and Cardio-Pulmonary Resuscitation course is to provide students with general understanding and basic knowledge of the immediate actions required when encountering an accident or medical emergency. Those satisfactorily completing the course and examination are awarded the American Safety and Health Institute First Aid and Cardio-Pulmonary Resuscitation (CPR) Certificate.

Topics covered in the course include responding to an emergency, emergency planning, breathing emergencies, heart attacks, adult CPR and first aid. This course meets CFR and STCW standards for elementary first aid as set forth in Table A-VI/1-3.

Length of Course: ***21 Hours***

Industrial Relations I

IR 101

Industrial relations provides UA students with the basic understanding of the structure of the SIU, the benefits provided to its members, the role and responsibilities of its members, and the political activities and contributions of the labor movements in the United States.

Students study the early years of the labor movement, history of the SIU, SIU organization and structure, constitution, benefit plans, contract and negotiations, legislative, and political activities.

Length of Course: 20 Hours

Water Survival

MST 102 **2 Credits**

SHLSOS – 549

Water Survival is a 10-day course that provides the knowledge and skills for water survival, including launch, use and recovery of survival craft, the proper use of survival equipment and procedures necessary to take charge of the maintain a survival craft and protect embark personnel. This course satisfies the training requirements of STCW, Table A-VI/2-1 and 46 CFR 12.407(b)(3) and 12.409(a)(5) when required sea-time is met. A moderate amount of physical exertion is required during this course.

Length of Course: 60 Hours

Vessel Familiarization

NST 10 **2 Credits**

SHLSOS – 540

The Vessel Familiarization course provides students with the required knowledge, understanding, and skills for the entry-level ordinary seaman, wiper, and steward assistant. The course emphasizes shipboard and industry organization, safety, departmental responsibilities, basic seamanship, and vessel familiarization.

Topics in the course include the shipping industry, basic seamanship, shipboard organization, personal safety and responsibility, vessel operations and maintenance, and emergency and disaster planning. Meets regulations of 46 CFR 15.1105(a) and Regulations I/1 and VIII/1 of STCW.

Length of Course: 61 Hours

Vessel Maintenance and Operations

NST 105 **2 Credits**

SHLSOS – 732

The Vessel Maintenance and Operations module is a part of the UA Program. The objectives of the course are to provide the knowledge and skills required for the entry-level ordinary seaman, wiper or steward assistant. In this module, emphasis is placed on vessel safety, basic marlinespike seamanship, basic deck operations and maintenance, tools and equipment, basic engine operation and maintenance, fueling operations, painting and coating, and bridge operations and watchkeeping.

Length of Course: 47 Hours

Physical Education

PED 101 **1 Credit**

PED 1011 Physical Education or Exercise and Nutrition

Physical Education for UAs prepares students for the physically demanding work environment aboard ship. It emphasizes calisthenics, cardiovascular and strength training, nutrition, training safety, and personal performance improvements.

Length of Course: 30 Hours

Social Responsibilities

SOC 099 **1 Credit**

SHLSOS – 465

The Social Responsibilities unit, when combined with Vessel Familiarization, meets the requirement of STCW, Table A-VI/1-4. The course includes an understanding of human relationships, social skills necessary for living and working on board ships, and issues involving international travel. Topics in this course include "Right to Know," addictive substances, sexual harassment, health risk awareness, shipboard life, communication, groups and group interactions, effective behavior, stress management, conflict and conflict resolution, problem solving, social behavior, personal finances and international travel.

Length of Course: 25 Hours

CONTINUING EDUCATION – UPGRADING TRAINING

The upgrading programs at the Center are offered to mariners who wish to receive training to upgrade or improve their job skills. This continuing education training provides seafarers with the credentials and job skills they need to move up to a higher paying, more responsible position on board ships and tugs. The upgrading programs are divided into three departments: deck, engine, and steward, to match the job departments on ships, boats, and tugs. Vocational classes stress both the theoretical and practical aspects of job training. Students receive classroom instruction and on-the-job training aboard the Center's vessels, in the vocational training shops, classrooms, and in the galleys.

Application and General Admission Requirements to Upgrading Programs

Upgrading application forms and current course schedules are published monthly in the official SIU newspaper, the Seafarers LOG. Application forms may also be obtained at each SIU hiring hall, or online at **www.seafarers.org**.

Applications for upgrading classes are accepted at any time. All applications are received by the Admissions Office, and the applicant, if qualified for the course, is contacted and advised when to report for training.

In order to be accepted into an upgrading program, the applicant must meet the following requirements.

General Admission Requirements:

1. Possess a valid Merchant Mariner Credential
2. Meet all Coast Guard requirements, if applicable and;
3. Have a current SIU medical exam valid through the starting date of the class.
4. Have earned 125 days of seatime in the previous calendar year on an SIU contracted vessel.
5. If the course includes a U.S. Coast Guard exam, students must have drug screen results that are valid through end of course, or must satisfy Coast Guard random testing requirements.

Upgrading applicants requiring a physical examination and/or drug screen must schedule these tests in advance of the course, so that results are received prior to the course start date. Physical examinations and drug screening may be scheduled through a portal account at www.seafarers.org., or at any Union hall.

Student Life

While enrolled at the Center, upgraders live in the Seafarers Training and Recreation Center. They are free to come and go from the school grounds when they are not in class. Upgraders have many School facilities available to them during their free time and are allowed to have a car while enrolled at the School.

Costs

There is no tuition for seafarers attending upgrading classes. Room and board are provided free of charge. Students who successfully complete their courses are reimbursed for their travel expenses in accordance with School policy. However, travel expenses for some courses may not be reimbursable. In order to receive the reimbursement, students must present all of their original travel receipts. Specific travel reimbursement information is available at the Admissions Office.

Transfer Courses/Prerequisites

If a student can show written evidence of successfully passing a U.S. Coast Guard examination in the required courses by presenting original licenses or endorsements, acceptance into a course may be granted for those courses requiring a prerequisite.

RULES AND REGULATIONS

ALL upgraders attending the Seafarers Harry Lundeberg School of Seamanship must abide by the following rules and regulations while on base:

1. Classes begin at 0800 **SHARP**. Students upgrading in the Steward Department must report to their on-the-job (OJT) training at the time established in their weekly work schedule.

2. Upgraders are expected to attend **ALL** classes or OJT unless excused by the Director of Vocational. After one unexcused absence, you will be subject to dismissal from the school. Absenteeism and lateness cannot and will not be tolerated. Your instructor must know your whereabouts during all classroom or practical hours. Missing more than 10% of any class is cause for immediate dismissal.

3. Coffee is available in the lounge areas of the Charles Logan, Paul Drozak and Simulator buildings. Drinking and eating is restricted to the lounges or outside only and is not permitted in the classrooms or hallways.

4. Smoking is restricted to outside or designated smoking areas. There is no smoking in the classrooms, hallways, offices or hotel rooms. Any expenses accrued by the school for damage from smoking in a hotel room will be billed to the student.

5. Proper dress is to be maintained at all times. Sleeveless shirts, cut-off shorts, bathing shoes, and shower clogs will not be permitted. Casual sports dress may be worn in the recreational areas. Not hats or hoods should be worn inside the buildings or classrooms.

6. All study material must be kept in good condition and returned to the book locker at the completion of your course. Upgraders will be charged for any textbooks not returned.

7. All library books must be kept in good condition and be returned to the Library before you leave the school. Upgraders will be charged for any books not returned.

8. Upgraders are not allowed in the Trainee Area except to visit the Nurse.

9. The Anchor Bar is open to upgraders and staff only. Alcohol is not permitted in any other area, at any time. Drinks purchased in the Anchor Bar are not to be removed from the bar area.

10. Photo ID badges must be worn at all times while on base and must be shown at the main gate prior to entering the base.

11. If the course you are taking does not have a corresponding Coast Guard endorsement, you will be required to pass an examination given by the Lundeberg School before a certificate of successful completion will be awarded.

12. Certificates from the school will be awarded only after successfully completing and passing all required exams.

13. The hotel parking lot is the **ONLY** authorized parking area for upgraders at any time. The school is **NOT** responsible for any damages to personal vehicles while on the school grounds.

14. Only authorized SHLSS vehicles are permitted beyond the hotel parking lot. At no time will an upgrader be permitted to use his/her vehicle to conduct personal business on or around school grounds.

15. Students are not permitted to bring guests on the base except on the designated visitor day (first Sunday of each month from 0900 till 1700) and must obtain permission from the hotel manager or Vice President of the school.

16. Students are not permitted to entertain guests in their hotel rooms or on the base.

17. Repair work on all automobiles in the parking lot, such as changing oil, etc. is not permitted.

18. Concealed weapons are **NOT** allowed on schools grounds at any time. The State of Maryland classifies a concealed weapon as follows: smooth bore firearm, rifled bore firearm, knife blade more than 2 ½ in length or num chaku, bow & arrows, or a pellet gun. In order to prevent any legal embarrassment, if you have any of the above mentioned items when checking in for an upgrading course, turn them into the Vice President's office for safe-keeping and receipt until you leave, or send them home.

19. The illegal downloading of any copyrighted material while in your room or anywhere on the school premises may be grounds for immediate dismissal from the school.

20. To prevent injury or accident to any child, some of our policies regarding authorized areas are as follows: A) Authorized areas for children over the age of 12, unsupervised by parents, are: Arts & Crafts, Swimming Pool area (during lifeguard hours), and the Paul Hall Library. B) Parental supervision is required of all dependent children or children of guests in the Waterfront Marina, Academic Classrooms, Vocational Shops, Motor Pool, or any mechanical area. C) Spouses and children are not allowed at any time in the Academic Classrooms, Vocational Shop area, Motor Pool, or any mechanical area (unless authorized by the Vice President or Director of Vocational Education). D) Children under the age of 12 must be supervised by a parent or guardian at all times.

21. Only guest permitted to stay in your hotel room is your spouse. You must provide a valid marriage license upon arrival, to the front desk or valid state ID with the same home address. No other guests are permitted to stay in your hotel room or allowed on the premises while you are attending school.

22. Any infraction of the above rules will lead to your dismissal from the school by the review board and may, if serious enough, result in charges according to the "Shipping Rules 8-A discipline":

8. Discipline

A. Although under no indemnity obligation of any sort, the Union will not be required to ship persons who, by their behavior in the course of employment aboard contracted vessels, during programs of the Seafarers Harry Lundeberg School of Seamanship and at hiring halls subject to these shipping rules, demonstrate that their presence aboard contracted vessels, may prevent safe and efficient operations of such vessels, or create a danger or threat of liability, injury or harm to such vessel and their crews. Persons not required to be shipped shall include without limitation those guilty of the following:

1. Drunkenness or alcoholism.

2. Use, possession or sale of any controlled substance as defined by the USCG

*****NOTE: If such is suspected, the school shall have the right to require the individual involved to submit to drug testing. If the individual either refuses the testing or tests positive, the individual can be immediately dismissed from the school.*****

3. Use or possession of dangerous weapons or substances

4. Physical assault

5. Malicious destruction of property

6. Gross misconduct

7. Neglect of duties and responsibilities

8. Deliberate interference with efficient operation of vessels, of the Seafarers Harry Lundeberg School of Seamanship or of hiring halls subject to these rules

9. Deliberate failure or refusal to join vessels.

10. Any act or practice, which creates a menace or nuisance to the health or safety of others.

Licensing and Certification

Licensing and certification are determined by the U.S. Coast Guard, and the Standards of Training, Certification and Watchkeeping (STCW) as amended. Courses at the Center are taught to meet the training requirements and knowledge content necessary to prepare an individual for examination for specific positions and/or certification. Since there are many requirements established by laws

and regulations, individuals should plan their career paths to ensure that they have the proper credentials. Most licenses and certificates are based on job position, sea-time, gross tonnage of vessels, geographic operating area, recent service, type and horsepower of propulsion, and type of vessel.

Seafarers must be aware of any prerequisites, certification(s) and license(s) necessary to move to the next step or grade.

Many courses require Coast Guard examination(s), a limited exam and/or previous certifications. This information may be found in the Code of Federal Regulations 46 CFR Part 10, 12 and 13; Title 46 of the U.S. Code, and the Standards for Training, Certification and Watchkeeping (STCW). Information also is available from the Coast Guard, union halls or the Admissions office at the Paul Hall Maritime Center.

PAUL HALL CENTER COURSE LIST

All courses require a valid Merchant Mariner Credential (MMC), Transportation Workers Identification Credential (TWIC), current STCW Basic Training certificate and 125 days sailing in the previous calendar year. Applicants must have a valid union medical examination through the start date of class. Any member attending a course which requires an application to the USCG must have a valid drug test through the test date of class. In addition individual courses may have additional requirements. Each course description includes the SHLSS course code, the U.S. Coast Guard course (SHLSOS) code, and American Council on Education (ACE) credit hour recommendations, where applicable.

Paul Hall Center
for Maritime Training and Education

Deck Department

Course Descriptions:

Able Seafarer-Deck

NST 223 **4 Credits**

SHLSOS – 731

Length of Course: 120 hours

Students will be able to perform functions at the support level as specified in table A-II/5: contribute to navigation, cargo handling and stowage, controlling the operation of the ship and care for persons on board, and contribute to maintenance as well as repair, all at the support level. Meets competency requirements of 46 CFR 12.603(a)(4).

Prerequisites:

Must hold Rating Forming Part of a Navigational Watch (RFPNW), Lifeboatman and have 540 days sailing in the deck department.

Advanced Meteorology

NST 255 **2 Credits**

SHLSOS – 18

Length of Course: 40 hours

This course provides training for the demonstration of knowledge and skill in marine weather forecasting, including extra-tropical and tropical weather systems, wave motion theory, extreme weather phenomena, and the access and use of HF facsimile (including NWS FTP mail) weather charts for minimizing the destructive effects of weather on ship operations. This program satisfies the STCW 2010 competencies for Meteorology as defined in Table A-II/2, plan and conduct a passage and determine position, and the objectives and assessment requirements for Chief Mate and Master licenses applicable to vessels greater than 500 GT.

Prerequisites:

Basic Meteorology and meet eligibility requirements for management level license

Advanced Shiphandling

NST 256

SHLSOS – 22

Length of Course: 80 hours

This course meets the requirements of STCW Code Table A-II/2 for the training of Masters and Chief Officers on vessels of greater than 500 GT in reference to maintaining safety and security of the crew and passengers and the operational condition of safety equipment. This functional element provides detailed knowledge to support the training outcomes related to the Navigation at the Management Level. This course also provides training for Masters and Chief Officers in reference to maintaining safety and security of the crew and passengers and the operational condition of safety equipment.

Prerequisite:

Meet eligibility requirements for management level license

Automatic Radar Plotting Aids (ARPA)

NST 234 **1 Credit**

SHLSOS – 37

Length of Course: 32 hours

This course satisfies the ARPA training requirements for certification as Officer in Charge of a Navigational Watch of 500 GT or more. Students use ARPA simulation equipment to operate, observe, and use the radar plotting aids. In this course students gain an understanding of the limitations of the aids as well as their performance factors, sensor inputs and malfunctions, and gain knowledge of tracking capabilities, processing, operational warnings, and target acquisition.

Prerequisite:

Radar Observer

Cargo Handling (Operational Level)

NST 242 **3 Credits**

SHLSOS – 101

Length of Course: 40 hours

This course specifically addresses "Cargo handling and stowage at the operational level" and "Competence: Monitor the loading, stowage, securing, care during the voyage and the unloading of cargoes" and "Knowledge, Understanding and Proficiency: Cargo handling, stowage, and securing" found in Table A-II/1 of STCW 2010. Course satisfies the requirements for STCW endorsement as OICNW of 500 GT or more.

Prerequisites:

Must be eligible to sit for USCG license

Basic Ship Handling and Steering Control Systems

NST 247 **3 Credits**

SHLSOS – 72

Length of Course: 40 hours

This course satisfies the Basic Ship Handling and Steering Control Systems training requirements for certification as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC). The functional elements of this course provide the detailed knowledge to support the training outcomes related to Navigation at the Operational Level in planning and conducting a passage and for determining position.

Prerequisite:

AB with one year of sea service

Bridge Resource Management

NST 232 **1 Credit**

SHLSOS – 75

Length of Course: 35 hours

This course provides the student with an understanding of the specific objectives outlined in STCW 2010, as well as to provide the practical experience required for effective bridge resource management and bridge teamwork. Students who successfully complete this course will have the knowledge and experience needed to continually reassess the allocation and use of bridge resources using bridge management principles. (BRM unlimited.) Course satisfies the training requirements of STCW A-II/1, A-II/2 and Section B-VIII/2.

Prerequisites:

Radar Unlimited, ARPA, License of 200 Gross Tons or greater OR seeking an original third mate or limited license

Bridge Resource Management (1600 Tons or less with no simulation)

NST 237a

SHLSOS – 76

Length of Course: 21 hours

This course is limited to service upon vessels of not more than 1600 GT domestic. This course provides the student with an understanding of the specific objectives outlined in the 2010 STCW amendments as well as providing the practical experience required for effective bridge resource management and bridge teamwork. (BRM limited lecture with no simulation)

Prerequisites:

Radar Unlimited, ARPA, License of 200 gross tons or greater OR in the process of getting license

Bridge Resource Management (1600 Tons or less with simulation)

NST 237 **1 Credit**

SHLSOS – 77

Length of Course: 26 hours

This course is limited to service upon vessels of not more than 1600 GT domestic. This course provides the student with an understanding of the specific objectives outlined in the 2010 STCW amendments as well as providing the practical experience required for effective bridge resource management and bridge teamwork. (BRM limited lecture with simulation)

Prerequisites:

Radar Unlimited, ARPA, License of 200 gross tons or greater OR in the process of getting license

Celestial Navigation

NST 233 **4 Credits**

SHLSOS – 103

Length of Course: 126 hours

This course meets Celestial Navigation requirements of STCW 2010 amendments, table A-II/1 for OICNW on ships of 500 GT or more. Students will gain knowledge and skills necessary for celestial navigation including ocean track plotting, celestial observations, time of celestial phenomenon, compass error, electronic navigation, star identification and selection.

Prerequisites:

Must have valid Radar, ARPA certificate and either Terrestrial and Coastal Navigation or hold a license.

Electronic Chart Display Information Systems (ECDIS)

NST 238 **2 Credits**

SHLSOS – 179

Length of Course: 35 hours

This course provides training in the basic theory and use of ECDIS for those who will be in charge of a navigational watch on vessels equipped with ECDIS. Students learn to use, update, and verify electronic chart information. The training comprises all safety-relevant aspects and aims beyond the use of operational controls. All theoretical aspects and major characteristics of ECDIS data, such as data contents, system integration, information layers, and data updating, are covered in depth. Meets requirements of STCW A-II/1 and A-II/2.

Prerequisites:

Must have valid Radar, ARPA certificate and either Terrestrial and Coastal Navigation or hold a license.

Electronic Navigation

NST 246 **1 Credit**

SHLSOS – 181

Length of Course: 40 hours

This course satisfies the Electronic Navigation training requirements for certification as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC). This course meets requirements of Table A-II/1 of the STCW 2010 Amendments.

Prerequisite:

AB with 1 year of sea service, Radar and ARPA

Emergency Procedures (Operational Level)

NST 244 **1 Credit**

SHLSOS – 185

Length of Course: 21 hours

This course meets the requirement of STCW Table A-II/1 for OICNW on vessels of 500 or more gross tonnage. (Operational level)

Prerequisites:

AB with 1 year of sea service

Fast Rescue Boat

MST 127

SHLSOS – 193

Length of Course: 30 hours

The Fast Rescue Boats course trains students to handle and take charge of fast rescue boats during or after launch in adverse weather and sea conditions. Students learn how to operate a fast rescue boat engine, use all locating devises, including communication and signaling equipment between the rescue boat, a helicopter and the ship. Students also learn search and rescue techniques. Meets requirements of STCW A-VI/2-2 for an endorsement Proficient in Fast Rescue Boats.

Prerequisites:

Must be rated

Fast Rescue Boat Renewal

MST 127a

SHLSOS – 708

Length of Course: 20 hours

This course is a renewal course for fast rescue boat which is required under STCW 2010 convention every five years. Meets requirements of STCW Table A-VI/2-2 for Fast Rescue Boat Renewal.

Prerequisites:

Must have valid FRB within last 5 years

Global Maritime Distress & Safety System

NST 236 **2 Credits**

SHLSOS – 210

Length of Course: 70 hours

This course includes topics on the principles of the global marine distress and safety system communications, distress alerting, and operational procedures for VHF DSC, INMARST, MF/HF, NAVTEX, EPIRB, SART, and VHF (SCT). The course blends classroom instruction and practical exercises. Meets requirements of STCW Table A-IV/2.

Prerequisites:

Deck and engine officers or someone who intends to become an officer with the qualifying seatime or AB with one year seatime. QMED-Any Rating with seatime as an electrician

Magnetic and Gyro Compasses

NST 240 **1 Credit**

SHLSOS – 262

Length of Course: 20 hours

This course satisfies the Compass—Magnetic and Gyro training requirements for certification as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC). The practical assessments in this course are accepted as the assessments from the National Assessment Guidelines for Table A-II/1 of the 2010 STCW convention.

Prerequisite:

AB with 1 year of sea service

Meteorology

NST 239 **2 Credits**

SHLSOS – 316

Length of Course: 40 hours

This course satisfies the Meteorology training requirements for certification as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC). The objective of this course is to provide candidates with background knowledge to support basic meteorology as required in STCW Table A-II/1.

Prerequisite:

AB with 1 year of sea service

Proficiency in Survival Craft

SHLSOS-372

Length of Course: 35 hours

This 1 week course is provided for our NCL members onboard Pride of America. Successful completion of this course will satisfy the competency requirements of Table A-VI/2-1 of the STCW, as amended 2010, for Proficiency in Survival Craft and Rescue Boast other than Fast Rescue Boast (PSC) and will satisfy the professional exam and practical demonstration requirements of 46 CFR 12.407(b)(3) for endorsements for Lifeboatman and PSC and have performed the equivalent of all practical demonstration requirements as guided by the PSC NVIC 04-14. Applicants need not present completed task sheets.

Prerequisite:

Basic Training within 1 year and 180 days of deck seatime

Proficiency in Survival Craft/ Personal Survival Techniques

MST 122

SHLSOS – 378

Length of Course: 37 hours

This course helps mariners develop the required knowledge and application skills for water survival including launch, use and recovery of survival craft, and the proper use of survival equipment. Additionally, students learn the procedures necessary to take charge, maintain a survival craft and protect embarked personnel while on board. Satisfies competencies of STCW Table A-VI/2-1 for an endorsement as Proficient in Survival Craft.

Prerequisites:

180 days seatime

Radar Observer Unlimited

NST 231 **2 Credits**

SHLSOS – 399

Length of Course: 10 days

This course features hands-on training and classroom work, including radar theory, observation, operation and use, interpretation and plotting, advanced radar plotting, collision avoidance and navigational exercise. Students operate modern audio-visual and radar simulation gear as they practice controlling and maneuvering a vessel, plotting courses and safely guiding a ship without jeopardizing the safety of other vessels. Also included are practical exercises and lectures covering inland waterway and river navigation and piloting. Meets radar training requirements of STCW Table A-II/1.

Prerequisites:

Must be rated with one year as Able Seaman

Radar Observer Recertification

NST

SHLSOS – 402

Length of Course: 1 day

This course satisfies the requirements of any Radar Observer endorsement renewal, provided the endorsement has not expired.

Prerequisites:

Valid Radar Observer Unlimited endorsement

Ratings Forming Part of a Navigational Watch

NST 220 **4 Credits**

SHLSOS – 408

Length of Course: 20 days

The objective of this course is to train students involved in navigation at the support level. To prepare for this role, they will learn to steer the ship and also comply with helm orders in the English language. They will learn to keep a proper look-out by sight and hearing, contribute to monitoring and controlling a safe watch, learn Rules of the Road, operate emergency equipment, apply emergency procedures, and contribute to the handling of cargo and stores. Meets requirements of STCW Table A-II/4.

Prerequisites:

Completion of Phase II of UA program or 360 days of sea service in deck department and Lifeboat

Search and Rescue (Operational Level)

NST 245 **1 Credit**

SHLSOS – 447

Length of Course: 16 hours

This course satisfies the Search & Rescue training requirements for certification as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC) required by STCW Table A-II/1. Students learn respond to a distress signal at sea. The course is familiarizes students with the contents of the IMO International Aeronautical and Maritime Search and Rescue Manual (IAMSAR).

Prerequisite:

AB with 1 year of sea service

Search and Rescue (Management Level)

SHLSOS-445

Length of Course: 19.5 hours

Successful completion of this course will satisfy the Search and Rescue approved training of: 46 CFR 11.305(a)(3)(v) and 11.307 (a)(3)(v) for STCW endorsements as Master or Chief Mate on vessels of 3000 GT or more; 46 CFR 11.311(a)(3)(v) and 11.313(a)(3)(v) for STCW endorsements as Master or Chief Mate of more than 500 GT and less than 3000 GT; 46 CFR 11.315(a)(3)(i) for an STCW endorsement as Master on vessels of less than 500 GT; the Search and Rescue competencies of Table A-II/2 of the STCW Code; AND will be considered to have successfully completed assessment task 4.1 of NVIC 10-14(Ch-1).

Prerequisite:

Licensed Mate with proof of completing Search and Rescue (Operational Level) course.

Ship Construction and Basic Stability

NST 243 **2 Credits**

SHLSOS – 449

Length of Course: 40 hours

This course provides training at the operational level for those whose responsibilities include maintaining the seaworthiness of the ship. It takes into account STCW Code Table A-II/1: Controlling the operation of the ship and care for persons on board at the operational level; Ship construction. Students gain general knowledge of the principal structural members of a ship and the proper names for the various parts.

Upon successful completion of this course, students will be able to use cargo plans and tables or diagrams of stability and trim data to calculate the ship's initial stability, drafts, and trim for any given description of cargo and other weights and to determine whether stresses on the ship are within permitted limits by the use of stress data or calculation equipment, or software. They will understand safety precaution used prior to entering enclosed or potentially contaminated spaces.

Prerequisites:

AB with 1 year of sea service

Terrestrial & Coastal Navigation

NST 241 **3 Credits**

SHLSOS – 512

Length of Course: 80 hours

This course satisfies the Terrestrial Navigation and Coastal Navigation training requirements for certification as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC). The functional elements of this course provide the detailed knowledge to support the training outcomes related to navigation at the operational level in planning and conducting a passage and for determining position in terrestrial navigation.

Prerequisite:

AB with 1 year of sea service

Visual Communication (Flashing Light)

NST 235

SHLSOS – 542

Length of Course: Self-study

This course satisfies the practical signaling examination requirements (flashing light) of 46 CFR 11.309(a)(4)(vi) and 11.319(a)(4)(vi) if presented within ONE year of completion of training.

Prerequisites:

No additional requirements.

Water Survival (Lifeboatman Unlimited)

MST 102 **2 Credits**

SHLSOS – 549

Length of Course: 60 hours

The course incorporates the personal survival training requirements. Course topics include launch, use and recovery of survival craft, and the proper use of survival equipment. Additionally, the student will understand the procedures necessary to take charge of and maintain survival craft and protect embarked personnel. Meets requirements of STCW Table A-VI/1-1 and A-VI/2-1.

Prerequisites:

180 days seatime

Watchkeeping (Operational)

NST 248 **3 Credits**

SHLSOS – 548

Length of Course: 80 hours

This course satisfies the Watch keeping training requirements for certification as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC) and the Bridge Resource Management training requirements of 46 CFR 11.309.

Prerequisite:

AB with one year of sea service

Paul Hall Center
for Maritime Training and Education

Engine Department

Advanced Refrigerated Containers Maintenance

MTE 395 **3 Credits**

Non-USCG

Length of Course: 4 weeks

This course consists of classroom and practical shop training. The training experience enables students to assume the duties of a maintenance electrician on board ships carrying refrigerated containers. Students receive training in refrigerated container unit operation, maintenance, repair, and troubleshooting. This includes the various types of refrigeration and electrical systems. The course is designed to help students develop a systematic approach to trouble-shooting and maintenance procedures.

Prerequisites:

SHLSS Junior Engineer or QMED-Any Rating, Marine Electrician and Marine Refrigeration Technician

Basic Auxiliary Plant Operations

MTE 2311

SHLSOS – 51

Length of Course: 140 hours

This course provides students with knowledge and practical operational skills required of rated engine department watchstanders as they sail in the capacity of FOWT. Areas covered are basic mechanics, thermodynamics, piping system hardware, hydraulics and pneumatics, basic electricity, engineering materials, basic machinery, fire protection systems and miscellaneous systems.

Prerequisites:

90 days seatime in engine department

Basic Electricity

MTE 3401

SHLSOS – 52

Length of Course: 70 hours

This course provides the mariner with basic electrical skills required of a rated member of the engine department. Topics include the fundamentals of electricity, electrical safety, batteries, direct current circuits, alternating current theory, D.C. machines, A.C. machines, motor controllers, distribution systems, propulsion systems and communication systems.

Prerequisites:

Must hold RFPEW. If have AS-E must show 120 days sailing in engine department after FOWT. If don't hold AS-E must show 180 days sailing after FOWT in engine department. This course is part of the JE class.

Basic Motor Plant Operations

MTE 2313

SHLSOS – 63

Length of Course: 66 hours

The course provides skills required of rated engine department watchstanders. Diesel engineering design and operation are covered as well as motor plant simulator operations, casualty control procedures, maintenance, watchkeeping, and conducting machinery space rounds.

Prerequisites:

Must have BAPO within the past year or RFPEW and 180 days engine seatime. This is part of the FOWT class and must be taken in conjunction with Basic Steam Plant.

Basic Refrigeration & Heating, Ventilation, and Air Conditioning (HVAC)

MTE 3402

SHLSOS – 64

Length of Course: 70 hours

This course provides the mariner the cognitive and practical mechanical skills required of rated engine department personnel in the area of Basic Refrigeration and HVAC as they sail in the capacity of Junior Engineer. Proficiency and competency assessments are conducted through knowledge-based written tests and practical demonstrations of skills. Areas covered are electrical and refrigeration safety, refrigeration theory, an introduction to the refrigeration cycle and systems, troubleshooting, and an introduction to HVAC systems.

Prerequisites:

Must hold RFPEW. If have AS-E must show 120 days sailing in engine department after FOWT. If don't hold AS-E must show 180 days sailing after FOWT in engine department. This course is part of the JE class.

Basic Steam Plant Operations

MTE 2312

SHLSOS – 73

Length of Course: 70 hours

Areas covered are the steam and water cycle, steam thermodynamics, and boiler water chemistry and treatment. Additionally, steam plant simulator operations, casualty control procedures, burner atomizer maintenance, manual light-off of non-automated boilers, and watch keeping and conducting machinery space rounds are covered.

Prerequisites:

Must have BAPO within the past year or RFPEW and 180 days engine seatime. This is part of the FOWT class and must be taken in conjunction with Basic Motor Plant.

Designated Duty Engineer (Non-STCW)

IMET 241

Non –USCG

Length of Course: 37 days

This course familiarizes the student with the Code of Federal Regulations (CFR), environmental protection and oil pollution regulations, general safety precautions for engine room personnel, piping, air, hydraulics, power and control systems, refrigeration, heating, air conditioning and ventilation systems, electrical theory and shipboard lighting and auxiliary deck machinery. The subjects and topics required successfully pass the USCG examination and to prepare the student to act in these capacities as outlined in the CFR.

Prerequisites:

1080 days seatime in engine department with 720 days as QMED or equivalent position

Engineering Plant Maintenance

MTE 2404

SHLSOS – 191

Length of Course: 140 hours

This course covers topics including the mechanics of pumps, drive couplings, heat exchangers, valves, distilling plants, oil/water separators, air compressors, marine sewage treatment plants, auxiliary boilers, and hydraulic systems. It also covers the fundamentals of diesel engines, bearings and gears, lubrication theory, lubrications systems and maintenance, fuel systems and purifiers.

Prerequisites:

Must hold RFPEW. If have AS-E must show 120 days sailing in engine department after FOWT. If don't hold AS-E must show 180 days sailing after FOWT in engine department. This course is part of the JE class.

Engineroom Resource Management

MTE 396

SHLSOS – 187

Length of Course: 35 hours

Topics include team organization and team building, engine room procedures and practices, engine room communications, situational and cultural diversity awareness, and factors affecting human performance. Students develop a greater understanding and awareness of correct watchkeeping procedures and have a greater practical understanding of the interdependency of the various operating machinery. Students will be able to anticipate problems and trouble-shoot using critical thinking and situation awareness. They will contribute to the safe and effective operation of the vessel's operation and machinery spaces.

Prerequisites:

Must hold an operational level license or higher or be going to original license

Machinist

MTE 353 **3 Credits**

SHLSOS – 261

Length of Course: 102 hours

This course provides mariners cognitive and practical mechanical skills in the area of general metalworking and machine tool operations. Students learn the basics of metallurgy, machine shop safety, linear measure, measuring instruments, drills, machine threads, fasteners, blueprint reading, basic repairs, sawing, grinding, drilling and basic lathe operation and fabrications.

Prerequisites:

SHLSS Junior Engineer or QMED-Any Rating, must be taken in conjunction with Pumpman class

Management of Electrical and Electronic Control Equipment (MEECE)

MTE 398

SHLSOS – 269

Length of Course: 35 hours

This course teaches students how to manage the operation of electrical and electronic control equipment and manage the troubleshooting and restoration of electrical and electronic control equipment to operating condition.

Prerequisites:

Must hold upper level license and have OICEW

Marine Electrician

MTE 383 **6 Credits**

SHLSOS – 269

Length of Course: 280 hours

This course teaches the theoretical and practical knowledge and skills necessary to perform maintenance and repair operations on motors, generators, and controllers on board ship.

Prerequisites:

Must have completed SHLSS Junior Engineer, 90 days' sea time as QMED after taking JE, or endorsed as QMED-Any Rating. Must be taken with MRT

Marine Refrigeration Technician

MTE 391 **4 Credits**

SHLSOS – 274

Length of Course: 210 hours

The objective of this course is to provide engine department personnel with the theoretical and practical knowledge, and the skills necessary to perform maintenance and repair on ship's stores plants, air conditioning plants, cargo refrigeration, ventilation, and dehumidification equipment, as well as pantry refrigerators, water coolers, and ice machines. An introduction to refrigerated container units is also presented.

Prerequisites:

120 days seatime after completion of SHLSS JE course. Must be taken with ME.

Pumpman

MTE 363 **2 Credits**

SHLSOS – 380

Length of Course: 70 hours

The objective is to provide engine department personnel with the theoretical and practical knowledge and the skills necessary to operate, maintain, and repair the equipment associated with the handling of liquid cargo onboard a tank ship. Topics covered in the Pumpman course are inert gas systems, crude oil washing systems, vapor recovery, and 2 days of assessment in the cargo simulator.

Prerequisites:

Must have SHLSS Junior Engineer or QMED-Any Rating, Tanker Assistant-DL, Machinist, Welding. This class must be taken in conjunction with the Machinist class.

Welding and Metallurgy Skills and Practices

MST 210 **4 Credits**

SHLSOS – 551

Length of Course: 4 weeks

This course features practical training in electric arc welding, cutting and oxyacetylene brazing, welding, and cutting.

Prerequisites:

Must be endorsed as FOWT or higher

Paul Hall Center
for Maritime Training and Education

STEWARD DEPARTMENT

ServSafe Manager

FSM

Length of Course: 1 week

The ServSafe Manager is an online course managed by the National Restaurant Association and is based on their text, The ServSafe Manager Book. This course prepares students to take the ServSafe Food Protection Manager Certification Exam. It covers critical principles including: personal hygiene, cross contamination, time and temperature, receiving and storage, food safety management systems, training hourly employees, and more.

Galley Operations

FSM 201 **2 Credits**

Length of Course: 4 weeks

This course introduces the topics of cleaning and sanitizing the shipboard environment, food borne illness, cross contamination, temperature control, food handling and storage, knife safety, cutting boards, salad bar production, wellness and back safety.

Prerequisites:

365 day's seatime as a SA

Certified Chief Cook

FSM 203 **15 Credits**

Length of Course: 12 weeks

This course provides steward department personnel with an understanding and knowledge of sanitation, nutrition, wellness and the preparation and service of soups, sauces, meats, poultry, and seafood. The structure of the course allows eligible upgraders to enroll at the start of any module.

Prerequisites:

Successful completion of UA Program and 180 days seatime OR successful completion of Galley Ops and one year seatime as SA.

Advanced Galley Operations

FSM 205 **4 Credits**

Length of Course: 4 weeks

The course provides students with a thorough grasp of the advanced baking knowledge, wellness and skills required of a member of the steward department.

Prerequisites:

Successful completion of Galley Ops and Cert. Chief Cook and 180 day's seatime.

Chief Steward

FSM 207 **7 Credits**

Length of Course: 8 weeks

This course trains stewards to plan and prepare a 28-day menu including recipes used in the plan, prepare breakfast, and supervise employees in the galley. The course stresses the competencies related to the supervision of the galley, menu planning, requisitioning of supplies, inventory control, sanitation, leadership skills and wellness. Includes use of Food Co., a comprehensive galley management program to help with inventory, menu planning, and wellness.

Prerequisites:

Successful completion of Galley Ops, Cert. Chief Cook, Adv. Galley Ops and 180 days seatime

Paul Hall Center
for Maritime Training and Education

Safety Courses

Advanced Fire Fighting

HTS 104 **2 Credits**

SHLSOS – 15

Length of Course: 35 hours

During this course, students learn to read a blueprint of a vessel and organize emergency squads for firefighting. The class covers effective communication between crew members and land-based fire units, leadership roles and responsibilities, documentation of crew training, and emergency squad training. Students also learn to inspect and service personal shipboard fire extinguishing equipment before going through shipboard simulations and actual firefighting drills. Meets training requirements of STCW A-VI/3 and 46 CFR 11.303 and 11.205(d).

Prerequisite:

Must be rated

Advanced Firefighting Revalidation

HTR 104R

SHLSOS – 777

Length of Course: 21 hours

This course is designed for mariners who have already taken an Adv. FF course within the past five years and need to renew their competencies as required by STCW A-VI/3 and 46 CFR 11.201(h)(l) and 11.303(d).

Prerequisite:

Must be rated and have taken Adv. FF within the past 5 years

Basic Fire Fighting

HTS 106 **1 Credit**

SHLSOS – 53

Length of Course: 16-Hour

This course covers basic safety fire prevention and firefighting. This course familiarizes students with fire prevention and firefighting fundamentals including donning of firefighting gear, search and rescue, fire attack of a class A, B and C fires and proper use of SCBA. Meets STCW A-VI/1.

This course is part of the one week BT class.

Basic Fire Fighting

HTS 102 **2 Credits**

SHLSOS – 57

Length of Course: 35-hours

The objective of this course is to familiarize the student with the chemical process of fire, its behavior, and the various methods and equipment used to combat it including donning of firefighting gear, search and rescue, fire attack of a class A, B and C fires and proper use of SCBA. Meets STCW A-VI/1.

This course is part of the UA to AS-D and UA to FOWT programs.

Basic Training

HTS 120 **2 Credits**

Length of Course: 40 hours

The Basic Training Program consists of 4 stand-alone courses of components outlined in Basic Fire Fighting (SHLSOS-54), Elementary First Aid (SHLSOS-199), Personal Safety & Social Responsibilities (SHLSOS-359), and Personal Survival Techniques (SHLSOS-363).

Basic Training Refresher

MST 110

SHLSOS – 68

Length of Course: 21 hours

This course is for persons sailing aboard U.S. flagged vessels and will also satisfy the Military Sealift Command (MSC) 3-year Basic Training (BT) renewal requirement. It does not replace the requirement of 1 year of sea duty in the previous 5 nor the obligation to have completed BT, which is a prerequisite.

The course reintroduces students to the fundamental knowledge and skills of basic shipboard safety necessary for employment aboard U.S. flagged vessels as set out in the STCW Code tables A-VI/1-1 through 1-4. The topics include personal survival techniques, fire prevention and firefighting, elementary first aid, and personal safety and social responsibilities. Students successfully completing this course will be capable of recognizing and responding to an emergency at sea.

Prerequisite:

Basic Training within last 5 years

Basic Training Revalidation

TBD

SHLSOS – 718

Length of Course: 8 hours

A mariner who successfully completes the course will satisfy the continued competency requirements for Personal Survival Techniques and Fire Prevention and Fire Fighting in STCW Section A-VI/1, 46 CFR 11.302(d) and 46 CFR 12.602(d), provided that they have at least 1 year of sea service in the last 5 years; and continued competency for PSC in Section A-VI/2, STCW as amended 2010 and 46 CFR 12.613(b)(3) provided they have at least 1 year of sea service in the last 5 years; and firefighting course requirement of 46 CFR 13.121(d)(1) and (2); and all tasks from NVIC 04-14; and tasks 1.14.B, 1.14.D, 1.14.E, 1.14.F, 1.14.G, 3.7.A, 3.8.A, 3.8.B, 3.8.C, 3.8.D of NVIC 08-14.Assessments in this course have been determined to be equivalent to NVIC 08-14 and need not be presented at the time of STCW application.

Prerequisite:

Basic Training within last 5 years and proof of 1 year sea service within the last 5 years

Combined Basic & Advanced Fire Fighting

HTS 104 **2 Credits**

SHLSOS – 125

Length of Course: 40 hours

The objective of this course is to familiarize students with the fundamentals of shipboard and tank barge firefighting During this course, students learn to read a blueprint of a vessel and organize emergency squads for firefighting. The class covers effective communication between crew members and land-based fire units, leadership roles and responsibilities, documentation of crew training, and emergency squad training. Students also learn to inspect and service personal shipboard fire extinguishing equipment before going through shipboard simulations and actual firefighting drills. and meets the requirements of STCW A-VI/1-2 and A-VI/3.

Prerequisites:

Must be rated

Advanced Fire Fighting Revalidation

HST

SHLSOS-777

Length of Course: 21 hours

This course is designed for mariners who have already taken an Adv. FF course within the past five years and need to renew their competencies as required by the 2010 STCW convention.

Prerequisites:

Must be rated and have taken Adv. FF within the past 5 years

Crisis Management & Human Behavior

HST 124

SHLSOS – 138

Length of Course: 7 hours

The training includes organizing the safe movement of passengers when embarking and disembarking, organizing shipboard emergency procedures, optimizing the use of resources, controlling responses to emergencies, controlling passengers and other personnel during emergency situations, and establishing and maintaining effective communications. Satisfies STCW Table A-V/2 for officers on RO-RO and Passenger vessels.

Prerequisites:

No additional prerequisites

Crowd Management

HST 123

SHLSOS – 142

Length of Course: 4 hours

This course provides students the knowledge and skills necessary for crowd management including controlling a crowd in an emergency, locating safety and emergency equipment on board a vessel, complying with ships' emergency procedures, effective communications during an emergency, and demonstrating the use of personal lifesaving devices. Satisfies STCW Table A-V/2 and A-V/3 for officers on RO-RO and Passenger vessels.

Prerequisites:

No additional prerequisites

First Aid & CPR

HTS 103 **1 Credit**

SHLSOS – 197

Length of Course: 21 hours

Students in this class learn the principles and techniques of safety, basic first aid, cardiopulmonary resuscitation (CPR), and AED according to the nationally accepted standards. Meets requirements of STCW Table A-VI/1-3.

This course is part of the UA to AS-D and UA to FOWT programs. No CPR cards are issued.

Elementary First Aid/CPR

MST 1213

SHLSOS – 203

Length of Course: 8 hours

This course satisfies: (1) the First Aid training requirements of 46 CFR 11.309 AND 11.329 for original issuance of a license;—AND—(2) the Basic Safety-Elementary First Aid training requirements of Section A-VI/1 and Table A-VI/1- 3 of the STCW Code and 46 CFR 11.302.

This course is part of the one week BT class. No CPR cards are issued.

Maritime Security Awareness

MST 202

SHLSOS – 561

Length of Course: 4 hours

This course provides the knowledge required for all personnel who are not assigned specific duties in connection with a security plan but are involved in the work of ports, facilities, or vessels. Meets requirements of STCW Table A-VI/6-1.

Prerequisites:

No additional prerequisites.

Medical Care Provider

HTS 107

SHLSOS – 310

Length of Course: 35 hours

Topics include a review of cardiac and airway management, rescuer safety, body structure, examining trauma victims and medical patients, treating head and spinal injuries, burns, musculoskeletal injuries, and treating rescued persons. Also included are obtaining radio medical advice, administering medication, and sterilization techniques. Meets requirements of STCW Table A-VI/4-1.

Prerequisites:

Must be rated. This course includes 1st aid/CPR and AED.

Personal Safety & Social Responsibilities

MST 1204

SHLSOS – 359

Length of Course: 4 hours

This course satisfies the Personal Safety & Social Responsibilities training requirements of 46 CFR 11.302 and Section A-VI/1 and Table A-VI/1-4 of the STCW Code. This course provides the mariner with a general understanding and basic knowledge of human relationships, social skills necessary for living and working aboard operational merchant ships, and a working knowledge of issues impacting preparedness for international travel.

This course is part of the one week BT class.

Personal Survival Techniques

MST 201

SHLSOS – 363

Length of Course: 12 hours

This course meets the requirements of Section A-VI/1 and Table A-VI/1-1 of the STCW Code and 46 CFR 11.302. Topics include: Planning Ahead, Station Bill, Lifeboats, Inflatable Life rafts, Personal Life Saving Equipment, Survival at Sea, Signaling, Rescue Procedures, and Abandoning Ship.

This course is part of the one week BT class.

Vessel Personnel with Designated Security Duties (VPDSD)

MST 202

SHLSOS – 747

Length of Course: 7 hours

Students will be able undertake the duties assigned under the Vessel Security Officer, including knowledge of current security threats and patterns, specifically piracy and armed robbery; recognition and detection of weapons, dangerous substances and devices; recognition, on a non-discriminatory basis, of characteristics and behavioral patterns of persons who are likely to threaten security; techniques used to circumvent security measures; crowd management and control techniques; security-related communications; knowledge of emergency procedures and contingency plans; operation of security equipment and systems; testing, calibration and at-sea maintenance of security equipment and systems; inspection, control, and monitoring techniques; and methods of physical searches of persons, personal effects, baggage, cargo, and vessel stores. Meets requirements of STCW Table A-VI/6-2.

Prerequisites:

Must have 180 days of seatime.

Vessel Security Officer

MST 129

SHLSOS – 573

Length of Course: 14 hours

This course satisfies the requirements of those wishing to assume responsibilities as a Vessel Security Officer (VSO) with respect to the security of a ship, for implementing and maintaining a Vessel Security Plan, and for liaising with the Company Security Officer (CSO) and Port Facility Security Officers (PFSOs). Successful students will be able to assume the duties and responsibilities as Vessel Security Officer as defined in 33 CFR 104.215. Meets requirements of STCW Table A-VI/5.

Prerequisites:

Hold an MMC and have 365 days of sea service

Paul Hall Center
for Maritime Training and Education

General Courses

Basic Low Flash Point Fuel Operations

MTE 106

SHLSOS – 805

Length of Course: 33 hours

This course is designed to fulfill the training requirements for mariners who are employed on liquefied gas fired vessels and have responsibilities for emergencies and routine evolutions including refueling as outlined in the IGF code.

Prerequisites:

Basic Fire Fighting

Leadership and Managerial Skills

MST 204

SHLSOS – 751

Length of Course: 35 hours

Successful completion will satisfy the Leadership and Teamworking skills within 46 CFR 11.309, 11.319, 11.321, and tasks from NVIC 12-14 (18.1.A -18.5.A) for an endorsement as OICNW; the Leadership and Teamworking skills within 46 CFR 11.329 and tasks from NVIC 17-14 (16.1.A-16.4.A) for an endorsement as OICEW; and the Leadership and Managerial Skills within 46 CFR 11.305, 11.307, 11.311, 11.313, 11.315, 11.317, 11.325, 11.327, 11.331, 11.333, and tasks from NVIC 10-14 (18.1.A-18.2.A), NVIC 11-14 (18.1.A-18.3.A), NVIC 15-14 (7.1.D, 11.1.A, 14.1.A) and NVIC 16-14 (14.1.A).

Prerequisites:

This course is open to deck and engine officers at the 2nd Mate or 2nd Asst Engineer level who have sufficient supervisory experience with shipboard operations to understand that leadership and managerial skills are an essential part of their role on board.

Leadership and Teamworking Skills at the Operational Level

MST 203

SHLSOS – 768

Length of Course: 14 hours

This course satisfies the training requirements for leadership and teamworking skills for deck officers as listed in 46 CFR 11.304(a). As specifically stated in tables A-II/1, A-III/1, and A-III/6 and 46 CFR 11.309(c)(1), 11.319(b)(1), 11.321(b)(1), and 11.329(c), "Application of leadership and team working

skills" students will be able to carry out the duties of officer in charge of a navigational watch, officer in charge of an engineering watch in a manned engine room, designated duty engineer in a periodically unmanned engine room, and electro-technical officer. Task numbers are referenced from NVICs 12-14, 17-14, and 23-14.

Additional Prerequisites:

This course is open to deck and engine officers at the operational level, or soon-to-be officers, who have sufficient familiarity with shipboard operations to understand that leadership and teamwork are essential parts of their role on board. There are no prerequisites for this course.

Tank Barge Dangerous Liquids

MST 103

SHLSOS – 491

Length of Course: 38 hours

The objective of this course is to provide the student with the required knowledge and application skills to supervise the safe and pollution-free transfer of dangerous liquids on a barge. Satisfies 46 CFR 13.309 and 10.227(d)(8)(c) for endorsement and renewal of Tankerman PIC (Barge).

Prerequisites:

Basic Firefighting within 5 years, must be rated

Tank Ship Familiarization (Dangerous Liquids)

SHLSOS-505

Length of Course: 34.5 hours

This course satisfies the training requirements of 46 CFR 13.401(e)(1) for an original endorsement as Tankerman-Assistant DL; and satisfies the tanker familiarization training requirements of 46 CFR 13.609(a)(2) and Table A-V/1-1-1 of the STCW Code 2010, as amended, for an endorsement for Basic Oil and Chemical Tanker Cargo Operations.

Prerequisites:

Basic Firefighting within 5 years

Tank Ship Dangerous Liquids

MST 205

SHLSOS – 501

Length of Course: 38 hours

This course provides training for masters, chief engineers, officers, and any person with immediate responsibility for the loading, discharging and care in transit or handling of cargo. It comprises a specialized training program appropriate to their duties, including oil tanker safety, fire safety measure and systems, pollution prevention, operational practice and

obligations under applicable laws and regulations. Satisfies 46 CFR 13.201(c)(4) for endorsement as Tankerman PIC (DL) and STCW A-V/1-1-2 for endorsement for Advanced Oil Tanker Cargo Operations.

Prerequisites:

Basic Firefighting within 5 years. Be endorsed as Tanker Asst-DL.

Tank Ship Dangerous Liquids (Simulator)

MST 130 **3 Credits**

SHLSOS – 503

Length of Course: 66 hours

This course provides training for masters, chief engineers, officers, and any person with immediate responsibility for the loading, discharging and care in transit or handling of cargo. It comprises as specialized training program appropriate to their duties, including oil tanker safety, fire safety measures and systems, pollution prevention, operational practice and obligations under applicable laws and regulations. Satisfies 46 CFR 13.201(c)(4) for endorsement as Tankerman PIC (DL) and STCW A-V/1-1-2 for endorsement for Advanced Oil Tanker Cargo Operations.

Prerequisites:

Basic Firefighting within 5 years. Be endorsed as Tanker Asst-DL.

Tank Ship Familiarization (DL/LG)

MST 104 **3 Credits**

SHLSOS – 506

Length of Course: 67 hours

This course applies to officers and ratings assigned specific duties and responsibilities related to cargo or cargo equipment on liquefied gas tankers and/or oil or chemical tankers. This course also applies to officers, ratings and other personnel on ships subject to the IGC/IGF code. Satisfies 46 CFR 13.401(c)(1) for endorsement as Tankerman Assistant-DL and STCW A-V/1-1-1 for endorsement for Basic Oil and Chemical Tanker Cargo Operations.

Prerequisite:

Basic Firefighting within 5 years

Tank Ship Familiarization (Liquefied Gases)

MST 107

SHLSOS – 507

Length of Course: 34 hours

This course of instruction is designed for mariners who are employed, or may be employed as Tankerman Assistants LG or Tankerman-Engineers LG. The objective of this course is to provide the mariner with a basic knowledge of LG tankship cargo operations and firefighting as outlined in Table 1 and 3 of 46 CFR 13.121(e) and Table A-V/1-2-1 from STCW 2010, as amended. This class will also meet renewal requirements for Tankerman Assistant LG as outlined in 46 CFR 12.0 (b)(2), and Tankerman-Engineer LG as outlined in 46 CFR 120.(d)(2).

Prerequisite:

Basic or Advanced Firefighting within 5 years

Paul Hall Center
for Maritime Training and Education

Programs

UA to AS-D Program

SHLSOS – 733

The Unlicensed Apprentice to Able Seafarer-Deck Program consists of a combination of five phases of training and sea service meeting the training requirements from Vessel Familiarization to Able Seafarer-Deck for an Able Seafarer-Deck international endorsement, and Able Seaman-Limited national endorsement. Students will be able to perform functions at the support level including contribute to navigation, cargo handling and stowage, controlling the operation of the ship, care for persons on board and contribute to maintenance and repair.

Prerequisite:

Must be accepted through UA application process

UA to FOWT Program (AS-E)

SHLSOS – 642

The Unlicensed Apprentice to Able Seafarer-Engine Program consists of a combination of five phases of training and sea service meeting the training requirements from Vessel Familiarization to Able Seafarer-Engine for an Able Seafarer-Engine international endorsement and a Fireman/Watertender, Oiler national endorsement. Students will be able to perform functions at the support level including contributing to a safe engineering watch, monitor and control engine room watch, safe fueling and oil transfer, bilge and ballast operations, safe use of electrical equipment, maintenance and repair.

Prerequisite:

Must be accepted through UA application process

Paul Hall Center
for Maritime Training and Education

Military Sealift Command Courses

Government Vessels

Length of Course: 1 week

This course is for the student who is sailing or intends to sail on U.S. Military Sealift Command and military contract vessels. Instruction includes damage control, chemical biological radiological defense (CBRD), helicopter fire-fighting and environmental awareness.

Prerequisites:

No additional prerequisites

MSC Individual Small Arms Training and Qualifications

Length of Course: 32 hours

MSC's Individual Small Arms Training and Qualification course is intended for only those mariners (CIVMAR / CONMAR) who may be required to bear small arms in the performance of their duties aboard MSC ships. This course meets the standards and content of OPNAVINST 3591.1E Small Arms Training and Qualification and MSC's Individual Small Arms Training and Qualification and MSC's Individual Small Arms Sustainment Training and Qualification Course.

Prerequisite:

Must have TWIC. Cannot have any felony or domestic violence convictions.

Helicopter Firefighting

Length of Course: 1 day

This course provides tailored team training for mariners who may serve as a member of a ship's flight deck organization. Topics covered are helicopter nomenclature and hazards associated with helicopter operations, classes of fire, personal protective equipment, flight deck firefighting equipment, helicopter pilot, crew and passenger rescue procedures, helicopter fire suppression and extinguishment procedures and techniques. Students drill and are assessed in the procedures and techniques of pilot rescue and helicopter fire suppression and extinguishment.

Prerequisite:

Must have Basic Firefighting and BT certificates within the last 5 years

MSC Readiness Refresher

Length of Course: 35 hours

This is a refresher course that focuses on the assessment of a mariner's abilities and competence in Marine Environmental Programs, Basic CBR Defense, Damage Control, Helicopter Fire Fighting, and USCG Basic Training. The course is intended for Civil Service Mariners and Contract Mariners who work aboard MSC-contracted ships.

Prerequisite:

Basic Training and Helicopter Fire Fighting

The Academic Department has a long history of providing support and services to students at the Paul Hall Center. Since the founding of the school in Piney Point, Md., there has been academic support for students taking vocational programs. A variety of opportunities are offered to all students. Specific questions about the programs can be answered by contacting the Academic Department at (301) 994-0010, ext. 5411

General Education Development (GED) Program – Maryland High School Diploma

The GED program is open to all mariners who do not have a high school diploma. Assistance is offered to prepare students to take the new computer-based GED test in Maryland or in their home state. Emphasis is placed on writing skills, social studies, science, interpreting literature and art, and mathematics. GED students receive individualized instruction in preparation for the test. The school for many years has successfully prepared mariners to pass the test. For many students, this is a milestone in their lives. Successful students will receive a Maryland High School Diploma upon completion of this program. (A 12-week residency is required prior to taking the test in Maryland.)

Basic Vocational Support Program

The vocational support system assists students in improving course-specific vocational language and mathematical skills. It is designed to augment the skills introduced in their vocational training classes. This program may be taken prior to attending the vocational class or concurrently with the vocational class. It is ideal for students who have been away from the class room and may need to improve basic academic skills.

Associate of Applied Science Degree – Maritime Operations Technology

The Seafarers Harry Lundeberg School of Seamanship (SHLSS) at the Paul Hall Center has partnered with the College of Southern Maryland (CSM) to offer an Associate of Applied Science degree program in Maritime Operations Technology with a concentration in either Nautical Science (deck department students) or Marine Engineering (engine department students).

Students must complete a combination of required academic general education courses and vocational technical education courses in order to earn the degree. CSM will provide all of the general education courses and SHLSS will provide all of the technical courses required for the degree. All of the SHLSS technical courses have been evaluated and recommended for college credit by the American Council on Education (ACE)

Resident general education courses in English, Mathematics, and Physics taught by CSM faculty will be offered at SHLSS once each quarter for a three week period. The remaining general education courses can be completed on line.

Transfer credits from an accredited college or university will be evaluated on a case by case basis by CSM for application to the associate degree program. Courses recommended for credit by the American Council on Education (ACE) may qualify.

Upon successful completion of all requirements, students will be awarded the degree of Associate of Applied Science from CSM.

The College of Southern Maryland is fully accredited by the Middle States Commission on Higher Education. All general education courses completed during this program are fully transferable to other public colleges and universities in the state of Maryland.

General Admission Requirements

Applicants interested in pursuing an Associate of Applied Science degree through the Seafarers Harry Lundeberg School of Seamanship must first meet these minimal requirements for admission to the College of Southern Maryland. Go to www.csm.edu/apply-register for more detailed information.

Applicants must have completed all of the required SHLSS technical courses before applying for the program. At this time, the program is only offered to graduates of the Unlicensed Apprentice program, or the former Entry Rating program.

All applicants must be members of the Seafarers International Union, and meet all of the basic admission requirements for Paul Hall Center resident courses.

Applicant must possess a bona fide high school diploma or GED certificate.

These requirements assure that applicants have the preliminary writing and comprehension skills needed to perform college level work and to assure personal success in this higher education program. Students not meeting the academic requirements for admission are encouraged to enroll in remedial academic courses offered at a local college or university in order to prepare for college work. These remedial courses are non-credit and are designed to teach the skills necessary to be successful at the college level.

Course Requirements

1. Resident CSM general education courses taught by CSM faculty and convening at SHLSS:

		Credits
ENG 1010	**Composition and Rhetoric**	3
MTH 1011	**Mathematics for Technologies I**	4
MTH 1012	**Mathematics for Technologies II**	3
PHY 1010	**Fundamentals of Physics**	3
PHY 1010L	**Fundamentals of Physics Lab**	1

2. On-line CSM general education courses:

		Credits
COM 1350	**Intercultural Communication**	3
COM 1450	**Groups, Teams, and Leadership**	3
POL 2020	**International Relations**	3
MUS 1204	**History of Rock Music**	3
PHY 1020/L	**Fundamentals of Physics II plus Lab**	4
	Or	
ELT 1015	**Basic Electronics**	4

3. SHLSS Vocational courses required:

NAUTICAL SCIENCE CONCENTRATION		Credits
FSM 103	**Galley Familiarization**	1
HTS 102	**Basic Firefighting**	2
HTS 103	**First Aid/ CPR**	1
MST 102	**Water Survival**	2
NST 101	**Vessel Familiarization**	2
NST 105	**Vessel Maintenance & Operations**	2
PED 101	**Physical Education**	1
NST 220	**RFPW/Specially Trained OS**	3
NST 223	**Able Seafarer Deck/AB**	4
MST 104	**Tanker Familiarization**	3
NST 231	**Radar Observer Unlimited**	2
NST 249	**Automatic Radar Plotting Aids**	1
HTS 104	**Basic/Advanced Fire Fighting**	2
NST 236	**Global Maritime Distress and Safety System**	2
NST 238	**Electronic Chart Display And Info System**	2
	TOTAL	32

MARINE ENGINEERING CONCENTRATION		Credits
FSM 101	**Shipboard Sanitation**	1
FSM 103	**Galley Familiarization**	1
HTS 102	**Basic Firefighting**	2
MST 102	**Water Survival**	2
NST 101	**Vessel Familiarization**	2
NST 105	**Vessel Maintenance and Operations**	2
MTE 231	**Fireman/Oiler/Watertender**	12
MTE 340	**Junior Engineer**	9
MST 104	**Tanker Familiarization**	3
	TOTAL	34

Please contact the SHLSS Academic Coordinator for more detailed information at (301) 994-0010 ext. 5411, or drausch@seafarers.org.

Thomas Orzechowski

Acting Vice President

Paul Hall Center for Maritime Training and Education

Margaret Bowen

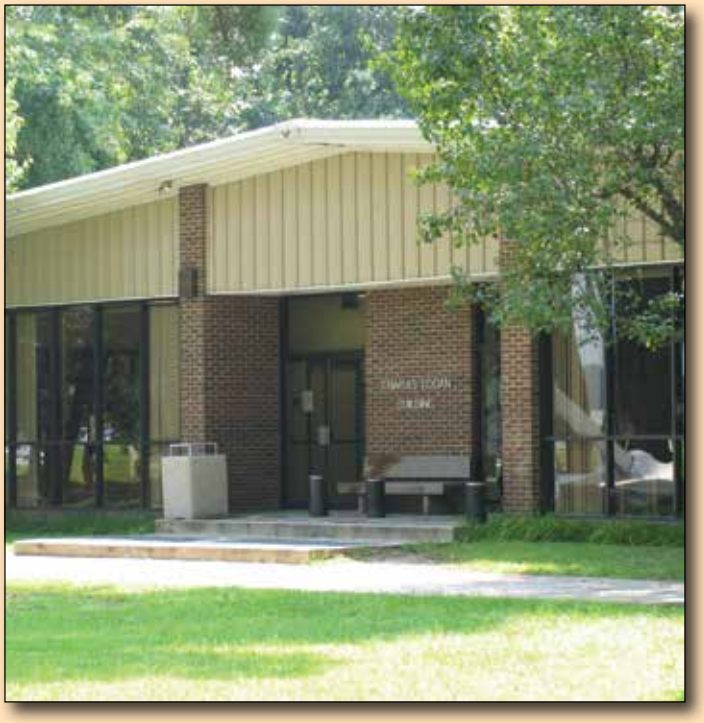
Trust Administrator

Paul Hall Center for Maritime Training and Education

Bart Rogers

Assistant Vice President

Paul Hall Center for Maritime Training and Education



DIRECTOR OF VOCATIONAL TRAINING AND EDUCATION

Labanowski, Priscilla

B.S., Economics, St. Mary's College, MD. U.S. Coast Guard; Mariner Credentialing Agent certification; Director of Admissions, Assistant Director of Education, U.S. Coast Guard Liaison.

INSTRUCTIONAL COORDINATOR

Szepesi, Monica

B.S., Human Resources Management, University of Phoenix. 8 Years professional experience in human resources, payroll, benefits and personnel management.

DECK DEPARTMENT

Bader, Terry

Graduate of SHLSS Entry program 1978. Able Seaman Unlimited. Master of Freight and Towing Vessels NMT 1600 GRT Oceans, 3rd Mate Steam and Motor Vessels Unlimited Oceans. 38+ years experience on a variety of deep sea and towing vessels. Train the Trainer.

Beck, Stan

U.S Navy: E-8, Senior Chief Boatswains Mate, Underway; Replenishment-16 years; Combat Logistics Force Instructor, Material Handling Equipment, Crane Weight Test Director, 15 Ton Crane, Elevator Testing, Experience with 10 ton Booms, Department Supervisor and Trainer; Educational Training: Steam School, Repair Locker Leader, Firefighting, Ship Security Engagement Tactics, Oil Pollution Control, Crane Operator, Elevator Operator; Fork Truck Operator, Explosives, Craftmaster for 85-500 Ton Vessels, Helicopter Crash and Salvage Scene Leader, LSE Qualified, Chemical Biological Radiological Defense Officer; UNREP Instructor; Seafarers Harry Lundeberg School: Small Arms Instructor, Vessel Operations, Vessel Familiarization, Damage Control, Basic Safety Training (STCW), Lifeguard, Fast Rescue Craft Instructor; Certificates: Fast Rescue Boat, Specially Trained Ordinary Seaman, Able Seaman, Lifeboatman, Lifeguard; Train The Trainer; USCG approved Instructor.

Fagan, Susan

State University of New York Maritime College: BS Marine Transportation 2001. USCG 3rd Mate Unlimited license; ARPA, BRM, BST, Small Arms, GMDSS, Basic dynamic Positioning, 7 years underway service aboard inspected commercial vessels. TRANSAS bridge simulator course instructor and certified for Type Specific ECDIS Training. Det Norski Veritas; qualified internal auditor, U.S. Coast Guard approved Instructor.

Grooms, Welton

USN Retired. Served as Boatswains Mate and crew leader on a variety of U.S. Naval vessels and shore assignments. 20+ years underway time. Train the Trainer.

Moore, Brian

B.S. Liberty University, Business and Information Systems Management. Master NMT 100 GRT Oceans. USCG retired. Commanding Officer and deck force leadership positions on numerous Coast Guard cutters and stations performing a variety of CG missions. Train the Trainer.

Noell, Charles III

Graduate of SHLSS Entry Program, 1983. USCG License: Master of Steam and Motor Vessels NMT 1600 tons, Second Mate of Steam and Motor Vessels, Unlimited tonnage. 30 years experience as licensed deck officer. Train the Trainer. U.S. Coast Guard approved instructor.

Parker, Jaime

Able Seaman Unlimited. Graduate of SHLSS Unlicensed Apprentice Program. 12+ years' experience working in the deck department of numerous deep sea vessels. Train the Trainer. USCG approved Instructor.

Pelingon, Bernabe

A. A., Nautical Science and Marine Transportation: Iloilo Maritime Academy; US Navy: Retired, Quartermaster First Class, Enlisted Surface Warfare Specialist, Master Helmsman, Assistant Navigator, Leadership-Management-Education and Training, Relocation and Transition Specialist, Law Enforcement (Physical Security), Anti-Terrorism (Auxiliary Security Force), Small Arms-Weapons and Self Defense, Rules of Engagement, Use of Deadly Force, Defensive Driving and Evasive Tactics, Instructor and Curriculum Development; US Coast Guard Endorsements: Certified Maritime Instructor, STCW - Ratings Forming Part of the Navigational Watch, AB Unlimited, Lifeboat/Water Survival, Personal Survival and Survival Craft, Small Arms Instruction, Bridge Resource Management (Unlimited), ARPA, Radar Observer (Unlimited), Vessel personnel with Designate Security Duties, FCC Marine Radio Operator, Small Arms and Weapons Handling, Basic Safety Training (STCW), Shipboard Basic and Advance Firefighting, Damage Control, Chemical, Biological and Radiological Defense, Crane and Forklift Operations, Underway Replenishment/Vertical Replenishment, Advanced Firefighting, First Aid/CPR; Train the Trainer (1999), Piloting and Celestial Navigation, Labor Relations/Union Education:Philippine Merchant Marine: Third Mate Unlimited USCG approved instructor

Schoenberger, Patrick

B.S. Marine Operations and Technology, U.S. Merchant Marine Academy, 1998; USCG Unlimited Third Mate, Oceans, Master 200 tons, Qualified member of the Engine Department (QMED). U.S. Navy Reserve Officer; Over 8 years deep sea shipping experience, plus several years' professional experience managing and operating recreational yachts; USCG Approved Instructor.

Truitt, Thomas D.

U.S. Navy; Train the Trainer, 2006; American Military University System, certificate in Homeland Security, 2006; CBRD MSC course; Chief Petty Officer Naval Leadership; hazardous Material Control Management Technician (NEC-9595); Ships Self Defense Course; Leadership Development Program; Qualified Second Class Swimmer; 5-50 ton crane (nuclear weapons qualified); Underway replenishment; Respiratory protection manager; small boat operator; Gravity Davit operator, Slewing-Arm Davit operator, oil spill response coordinator; forklift operator; Material Handlin Equipment operator, Flight Deck Safety Officer, Helicopter Landing Signalman (LSE); Repair Locker leader. USCG approved instructor: MSC Government Vessels; Vertical Replenishment (VERTREP); Underway Replenishment (UNREP), Environment Awareness, Damage Control; Vessel Familiarization; Vessel Operation and Maintenance; Water Survival, Lifeboatman, Fast Rescue; Basic Safety (STCW), Safety and Social Responsibilities, Helicopter Firefighting Instructor, RFPNW / Specially Trained Ordinary Seaman;, RFPNW / Able Seaman, Able Seafarer - Deck. USCG approved instructor

Tupper, Alan

B.S., Massachusetts Maritime Academy. USCG Unlimited Master. 37+ years' experience as licensed deck officer and Master aboard U.S. flagged deep sea commercial vessels. Train the Trainer. USCG approved Instructor.

ENGINE DEPARTMENT

Adamson, Keith

Engineman, U.S. Navy; 20 years' service supervising and maintaining a wide range of propulsion and auxiliary engineering systems, Train the Trainer, U.S. Coast Guard approved instructor.

Cox, Sterling

B.S. Geography, Florida State University 2005.Graduate of SHLSS Unlicensed Apprentice Program 2005. QMED, Marine Electrician. Train the Trainer

Dome, Glenn

Chief Engineer OSV, Unlimited. 20+ years experience as licensed engineer aboard offshore supply, survey, towing, and other oilfield support vessels.

Dodd, William

A.A. Business Management, Daytona Beach Community College, B.S . Professional Aeronautics, Embry Riddle Aeronautical University. Chief Engineer of Motor or Gas Turbine Vessels of any horsepower, Chief Engineer, OSV any horsepower. 2nd Assistant Engineer of Motor Vessels of any Horsepower. Train the Trainer.

Joiner, Robert Paul

Chief Engineer NMT 1600 tons, any horsepower. 35+ years marine engineering seatime experience aboard vessels employing a variety of propulsion and auxiliary operating systems. Train the Trainer.

Morgan, Christopher

B.S., Norfolk State University Marine Engineering, Naval Postgraduate School. USN retired, 40+ years experience in engineering leadership positions aboard numerous U.S. Naval vessels employing a multitude of propulsion and auxiliary operating systems. Train the Trainer.

Raley, Christopher

St. Mary's County Technical Center Welding program, honor graduate; Over 28 years' experience as field welder and mechanic, Safety Director, Site Manager and Shop Foreman at several welding firms. MIG, TIG, Heliarc certified. Extensive continuing education in industrial worksite and shop safety from OTI Continuing Education Center, Maryland Occupational Safety and Health Administration, U.S. Occupational Safety and Health Administration (OSHA) and College of Southern Maryland. OSHA certified instructor; USCG Approved Instructor.

Sanderson, Vance

Graduate of SHLSS Entry Program 1977. Chief Engineer, OSV NMT 500 GRT, Chief Engineer Motor or Gas Turbine Vessels of any horsepower, 2nd Assistant Engineer of Motor or Gas Turbine vessels of any horsepower. 3rd Assistant Engineer of Steam Vessels any horsepower. 20+ years experience aboard vessels equipped with a variety of propulsion and auxiliary operating systems. Train the Trainer.

Vicknair, Mark

Chief Engineer, Offshore Supply Vessels. QMED Unlimited. 20 years experience on various offshore supply, survey and oilfield support vessels. Train the Trainer.

Wiegman, John C. III

U.S. Navy – Propulsion and Auxiliary Control Console Operator Training, Gas Turbine Electrical, Class A Advanced Damage Control School; Train the Trainer Course; Welding training; HAXWOPER training; USCG approved instructor.

STEWARD DEPARTMENT

Dobson, John

A.A., Baltimore International Culinary Arts Institute, 1985; Certification: ServSafe, Journeyman Meat Cutter; National Restaurant Association: Foodservice Management Professional, Certified ServSafe Instructor; Executive Chef: Tom and Terry's Restaurant Fenwick Island Delaware; Train the Trainer Course Vice President Seafarers' Chapter American Culinary Federation; Member: American Culinary Federation.

Fish, Brandice

High School Diploma; Culinary Arts, 5+ years experience in institutional food service

Gelrud, Paul

University of Maryland: Business and Marketing Degree; Chef/Owner: Cedar Cove Restaurant, Stop, Look, and Listen Video, Showtime Catering; 35 years' experience as Owner, Caterer, and Chef; Blood borne Pathogens; Train the Trainer Course Member: American Culinary Federation ServSafe Management Certificate.

Hetmanski, John

Baltimore International Culinary College: Chef Instructor; American Culinary Federation (A.C.F.): Certified Executive Chef, Certified Working Chef; Bon Appetit Management Corporation: Executive Chef; Martins Catering Inc: Chef De Cuisine; Commercial

Fishing-Otanka Corp, Mid-Atlantic Region; President, Seafarers Chapter, American Culinary Federation; Train the Trainer Course.

Johnson, Robert

U.S. Navy: E-5, Navy Culinary Academy, Dining Room Operations and Advanced Culinary Preparations, Line Cook- Baker; Lead Cook, Mess Management Specialist "A" School, Mess Management Specialist "C" School, Private Mess Operations/Advanced Mess Operations; Royal Princess Cruises: Chef/Assistant Food and Beverage Manager; Sheraton Hotel: Culinary Internship Program; Liquor Management School; United States Lines/American Hawaiian Cruises: Chief Baker; Intrepid Ship Management Inc.: Chief Cook; DynMarine Services: Chief Steward; Seafarers Harry Lundeberg School of Seamanship: Certified Chief Cook, Chief Steward, ServSafe, Water Survival, Basic Safety Training, Basic Firefighting, Crowd Control Management, Tanker Assistant Cargo DL; ACF Certification: Sanitation Course, Management Course; 22 year's experience in the culinary industry: Train the Trainer Course.

Owens, Bryan, B.A.

Business Administration. Towson University. A.O.S. Culinary Arts Culinary Institute of America. 5+ years professional restaurant experience as Line Cook and Chef. Train the Trainer.

Piacente, Elizabeth

A.O.S. Culinary Institute of America 1977; Certification: Servsafe Manager Certification Instructor/Proctor; Train the Trainer certification; Chef Instructor International Culinary School at the Art Institute of Salt Lake City; Department Chair Culinary Arts Washburn Institute of Technology; R&D Executive Chef Noria Energy; Camp Manager/F&B AFEX South Sudan Africa; Catering & Events Director U.S. Army USAREUR Heidelberg Germany; Food Service Contract Consultant U.S. Embassy Baghdad Iraq- AECOM; Contract Consultant U.S. Navy Guam; USCG MMC Certification; TWIC Certification; PEC SafeGulf Certification

Sunga, Jesse

21 years service as Certified Chief Cook and Chief Steward aboard contracted deep sea ships. Train the Trainer.

HEALTH AND SAFETY

Cates, Mark

US Navy: CPO2, Duty Enlisted Surface Warfare Specialist, Training, Chemical, Biological and Radiological Defense Officer, Shipboard Firefighting Team Leader Training, Damage Control Team Leader Training, Portable Emergency Pump Operation and Maintenance, Damage Control Man "A" School, Helo-Fire, Fighting Training, Post Fire Gas Free Engineering Test Assistant; Compartment Air Testing, US Navy Damage Control Technician and Console, Leadership Skills Training, Operator, Hazardous, Material Technician, Hazmat Operations; Certification: Maryland Fire Fighter I; Registered Maryland Emergency Medical Technician (Maryland Institute Emergency, Medical Services), Train the Trainer (1998); Member: Lexington Park Volunteer Rescue Squad, St Mary's Advanced Life Support Unit; USCG approved instructor.

Fusco, Kenneth F.

A.A.S., B.S. Columbia Southern University, Fire Science, Occupational Safety and Health: Certified Emergency Medical Technician, Assistant Fire Chief, Prince Georges County, Maryland: 30+ years supervisory professional and military Firefighting experience. U.S. Coast Guard approved instructor.

Gallagher, John ED. D. (ABD), LCADC, MAC, SAP

Doctoral Candidate Counseling Psychology at Argosy University, M.A. Addictions, Rehabilitation and Psychological Counseling, LaSalle University; B.S. Biology, Drexel University; Minor: Psychology; CHI Sigma Iota, Argosy University; Licensed Clinical Alcohol and Drug Counselor (LCADC) Maryland Dept. of Mental Health and Hygiene, Board of Professional Counselors and Therapists; national Master Addictions Counselor (MAC) and federal Substance Abuse Professional (SAP) National Association Alcohol and Drug Addiction Counselors (NAADAC). Director Seafarers Addictions Rehabilitation Center – manages and trains clinical personnel in counseling protocol and group dynamics, case manager, clinical director, administrator, lecturer and therapist; experienced trainer for union personnel in OSHA HAZMAT, EPA, DOT, and U.S. Coast Guard Regulations; DOT return to duty and USCG alcohol and other drug regulations; educator and trainer in vocational, undergraduate and graduate level programs. Adjunct professor: Seafarers Harry Lundeberg School of Seamanship, College of Southern Maryland, University of Maryland University Campus, and Argosy University. Affiliated/ member Seafarers International Union (SIU). Southern Maryland Psychological Association (SMPA), National Association of Alcohol and Drug Addiction Counselors (NAADAC), National Honor Society for Psychology, Menergy, Counseling Academic and Professional Honor Society International, and multiple divisions of the American Counseling Association (ACA).

Johnson, Leonard Wayne, Jr.

IHM Academy of EMS, St. Louis, MO. - Nationally Registered Paramedic, 2010-2011: St. Louis County Fire Academy, St. Louis, MO. - Certified Professional Firefighter, 2009: Maryland Fire and Rescue Institute, Leonardtown, MD. - Emergency Medical Technician-Basic, 2009. Skills and certification: IFSAC Firefighter I, II; HAZMAT Awareness, Operations; NREMT Paramedic (P8063395); PALS, ACLS, PHTLS, CPR; Search and Rescue I, II, II; Auto Extrication; Shipboard Helicopter Firefighting (NAVAI 00-80R-14); USCG approved instructor.

Joy, Gary

Maryland Fire and Rescue Institute – College Park, MD; Certified Maryland Emergency Medical Technician since 1978; Maryland Instructor Certification Review Board - Certified as a Level ll Emergency Services Instructor 1980; National Academy for Nuclear Training - Certified Instructor 2004: American Red Cross - CPR/First Aid Instructor. U.S. Coast Guard approved instructor.

Latham, Charles

Numerous Maryland Fire and Rescue Institute certifications including Emergency Medical Technician, Fire Service Instructor 1, Fire Service Officer 1, Fire Apparatus Driver Operator. 15 years experience as professional Federal Firefighter.

Martin, Daniel

Maryland Fire and Rescue Institute; numerous professional fire and emergency service qualifications including Fire Officer 2 and Fire Instructor, 5 years full time service as Emergency Communications Dispatcher and supervisor. Fire Lieutenant, Bay District VFD; 8+ years service and experience.

Roberts, Michael R.

Maryland Fire and Rescue Institute, National Fire Academy, Fire and Rescue Department- Patuxent Naval Air Station, Haztrain, Inc., American Heart Association, University of Maryland; Training: Maryland Fire and Rescue Institute, National Fire Academy/ Emergency Management Institute, Human Resource Department and Department of Navy Patuxent River, Fire and Emergency Services Naval Air Station Patuxent Fire Department, Joseph Sacco Firefighting School; Maryland Fire and Rescue Institute Instructor, Charles County Community College Fire Science Technology. Certifications - Maryland: Firefighter I and II, Fire Officer I, II, III, Fire Service Instructor I, Fire Inspector I, Hazardous Materials Technician, Hazardous Material Incident Commander, Fire Service Instructor II and III. Certification - National: Firefighter I, II, Fire Officer I, II, III, Fire Service Instructor I, Fire Inspector I, Hazardous Material Technician, Hazardous Material Incident Commander, Fire Service Instructor III. Certification - Department of Defense: Fire Officer I, II, III, Fire Instructor I, Airport Firefighter, Fire Inspector I, Hazardous Materials Incident Commander, Hazardous Material Technician, Fire Service Instructor II, Fire Service Instructor III; Approved Instructor- US Coast Guard: 30 hour Basic Firefighting, 16 hour Basic Firefighting, Advanced Firefighting, Elementary First Aid, and STCW Basic Safety Training and Refresher Training: Elementary First Aid, Fire Prevention and Firefighting, Medical Care Provider Instructor; USCG approved instructor.

Rogers, Matthew. B.S.

Criminal Justice, Centenary College of New Jersey. St. Mary's County Deputy Sheriff; 10+ years experience as professional law enforcement officer. Numerous law enforcement and emergency service certifications and qualifications. Train the Trainer.

Springer, Robert

National Rifle Association: Small Arms Training, Range Safety Officer; SHLSS: Basic Firefighting; Train the Trainer (2003); USCG approved instructor.

Thomas, John Robert

Bay District Volunteer Fire Department, Lexington Park, MD; Maryland Fire Service Personnel Qualifications Board: Firefighter I and II; Hazardous Material First Responder, Awareness and Operational levels; Fire Officer; Fire Service Instructor; Airport Fire Fighter; Vehicle and Machinery Technical Rescuer I and II; Emergency medical Technician Basic; Hazardous Materials Operations On line; Pump Operator, 30 hours; Emergency medical Technician Refresher; NIMS Incident Command System for Fire Service; Emergency Medical Technician Basic; Rescue Technician Site Operation; Rescue Technician, Vehicle and Machinery Extraction; Aircraft Rescue Firefighter; Rescue technician Instructor, Hazardous materials Technician Basic; Hazardous Material Technician, Operational. USCG Approved Instructor.

Yannayon, Glen W.

Supervisory Fire Captain, Fire Protection Inspector, Fire Fighter, Fire and Emergency Services Division, Naval Air Station, Patuxent River, MD Certifications: Fire Instructor levels I-III, Fire Officer I-IV, Fire Inspector I-III, Hazardous Material Incident Commander, Hazardous material Technician Level TE, Confined Space level AR, Driver/Operator Aerial Level AE, Pumper level PU, Mobile Water Supply, Airport Firefighter, Firefighter Level I-II.; Continuing Training and Education: Fire Arson Investigator, Fire Officer Level III-IV, Fire Inspector Level I, Fire Instructor Level II, Engine Company Fire Ground Operations, SCOTT Factory Level Maintenance & Overhaul Course, Emergency Medical Technician, Basic Wild Land Firefighting, Health and Safety Officer, Emergency Response to Terrorism, Fire Inspector Level III, Fire Inspector Level II, Quantitative Respirator Fit Testing Course, Incident Command System, Firefighter Health and Safety, Fire Instructor Level I, Fire Officer Level II, Respiratory Protection Standard Training, Rescue Technician, Save Our Own Seminar, Incident Safety Officer, Firefighter Safety and Survival, Aerial Apparatus Operator, Pump Operator, Fire Officer Level I, MSA Regulator Repair Training, Firefighter Level II, MSA Level II Repair Training, Hazardous Materials Technician, Emergency Vehicle Operators Course, Hazardous Materials Operations,

Firefighter Level I, First Responder Basics, Fire Tactics, Basic Fire Program. Teaching Experience: Firefighting Orientation and Safety, Fire Behavior, Building Construction, Personal Protective Equipment, Self-Contained Breathing Apparatus, Portable Extinguishers, Ropes and Knots, Rescue and Extraction, Forcible Entry, Ground ladders, Ventilation, Water Supply, Fire Hose, Fire Streams, Fire Suppression, Fire Detection Suppression and Alarm Systems, Salvage and Overhaul, Fire Cause Determination, Communications, Fire Prevention and Public Fire Protection, Hazardous materials, Emergency Medical Practices and Procedures, CPR and Automated External defibrillators (AED); USCG approved instructor.

Zienda, Joseph W.

Maryland Fire and Rescue Institute, National Fire Academy, Fire and Rescue Department- Patuxent Naval Air Station, Haztrain, Inc., Infection Control/Emerging Concept Inc., American Red Cross, American Heart Association, University of Maryland; Training: Maryland Fire and Rescue Institute, National Fire Academy/ Emergency Management Institute, Human Resource Department and Department of Navy Patuxent River, Fire and Emergency Services Naval Air Station Patuxent Fire Department, Joseph Sacco Firefighting School; Certifications - Maryland: Firefighter I and II, Fire Officer I, Fire Service Instructor I, Fire Inspector I, Hazardous Materials Technician, Hazardous Material Incident Commander, Fire Service Instructor II and III; Certification - National: Firefighter I, II, Fire Officer I, Fire Service Instructor I, Fire Inspector I, Hazardous Material Technician, Hazardous Material Incident Commander, Fire Service Instructor III; Certification - Department of Defense: Fire Officer I, Fire Instructor I, Airport Firefighter, Fire Inspector I, Hazardous Materials Incident Commander, Hazardous Material Technician, Fire Service Instructor II, Fire Service Instructor III; Approved Instructor- US Coast Guard: 30 hour Basic Firefighting, 16 hour Basic Firefighting, Advanced Firefighting, Elementary First Aid, and STCW Basic Safety Training and Refresher Training: Social Responsibilities, Elementary First Aid, Fire Prevention and Firefighting; American Red Cross - Instructor Certificate: Instructor Candidate Training, CPR for Professional, Community First Aid and Safety, Workplace Training - Standard First Aid, American Red Cross Update, First Aid/CPR/AED Update. American Heart Association - Instructor Certificate: Basic Life Support Instructor, Basic Life Support Instructor Updated, AED/CPR Instructor Training; Train the Trainer. Course; USCG approved instructor.

COMMANDANT, UNLICENSED APPRENTICE PROGRAM

Guy, Craig

30+ years and continuing service in U.S. Army and Army National Guard, Platoon Sargent, Military Police. Deputy Sheriff, St. Mary's County Sheriff's Office. Instructor, Southern Maryland Criminal Justice Academy.

MANPOWER/ASSISTANT VICE PRESIDENT

Rogers, Bart

B.S. Major- Business, Minor- Physical Education, George Meany; Institute Labor Studies; William Patterson College; Monmouth College; Assistant Vice President, Seafarers Harry Lundeberg School of Seamanship; Director of Manpower.

QUALITY STANDARDS SYSTEM COORDINATOR

Loughran, Michael

B.A. History, St. Mary's College of Maryland; M.S. Human Resources Development, Towson University. Maryland State Department of Education Advanced Professional Certificate, Certification in Administration and Supervision. 40+ years' experience in St. Mary's County School system.

ADMISSION AND STUDENT SERVICES DEPARTMENT

Latham, Tracy

Director of Admissions. 11 years' experience as a professional Administrative Assistant and business officer manager. 4 years as a Special Education paraeducator in the St. Mary's County public school system.

UNION EDUCATION

Vandegrift, Patrick A.

U.S. Navy: Sonar "A" School, D.E.T. Digital Electronic Training, Sonar "C" School, Acoustic Analyst; Paul Hall Maritime Center: Unlicensed Apprentice Training Program, Able Seaman, LNG

Certificate; Military Sealift Command: Firefighting, Damage Control, Small Arms Training; SHLSS Safety Team, CPR for the Professional, Certified Life Guard; Union Patrolman, Commandant: Unlicensed Apprentice Program; Welding and Sheet Metal Fabrication, Train the Trainer Course.

ACADEMIC DEPARTMENT

Densford, Margaret E.

B.A. Liberal Arts, The University of Texas at Austin; A.A., Liberal Arts, Schiller College; Post Graduate: Texas Tech, UM Baltimore County; University of Maryland: University College, Business Management; Member: Learning Disabilities Association; Train the Trainer Course

Imhof, Kelly,

B.S. Business Education, M.S. Vocational Education; Virginia Polytechnic Institute and University.20+ years experience creating and instructing customized computer and IT programs for government and other institutional and corporate customers. Numerous Microsoft software instructor qualifications.

Olguin-Evans, Cassandra

A.A.S., Central New Mexico College, Hospitality and Tourism with concentration in Human Resources/Resort Management, 10 years' experience in health club management, 15 years' experience in restaurant industry.

Rausch, Dale M.

M.S., Management, Troy University; Trade and Industrial Teaching Certification, University of Maryland; B.A., History, St. Mary's College of Maryland. Graduate of Command and Staff Curriculum, U.S. Naval War College; USCG retired; USCG approved instructor.

LIBRARY SERVICES

Smolek, Janice

M.S., Library Science, University of Tennessee; B.A., Library Science, University of Florida; Maryland State Advanced Professional Teaching Certificate; Educational Media Specialist.

EDUCATION TECHNOLOGY

Gieske, Harry

B.A., Communications, University of Dayton; A.A., Broadcast Technology, Montgomery College, Maryland; Summer Film School, International Film and Television Workshop; Train the Trainer.

ARTS AND CRAFTS

Walking-Heart, Cato

B.A. History, Greensboro College; B.F.A. (equiv.) Fine Arts, Greensboro College

CURRICULUM DEVELOPMENT

McNeely, Stacey

U.S. Merchant Marine Academy: B.S. Marine Transportation; USCG: Master 1600 Gross Tons, Chief Mate of Steam or Motor Vessels of any Gross Tons upon Oceans, Radar Observer (Unlimited), Officer in Charge of a Navigational Watch, Ratings Forming Part of a Navigational Watch, including Able Seaman. Proficient in the Use of Survival Craft, STCW Basic Safety Training, GMDSS, ARPA, ECDIS, Bridge Resource Management; Celestial Navigation, Company/Ship Security Officer Training, Facility Security Officer Training, FEMA Level 1, Visual Communication (Morse Code Signal Light), FCC: Marine Radio Operator Permit; FCC: Amateur Radio Operator, ISO 9002 Auditor; Train the Trainer (2001); USCG approved instructor.

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Seafarers Harry Lundeberg School of Seamanship
PRIVACY OF STUDENT RECORDS

The Seafarers Harry Lundeberg School of Seamanship respects the privacy rights of students and applicants to the Unlicensed Apprentice Program with regard to their School records. These records include the application to the Unlicensed Apprentice Program, attendance records, disciplinary records, tests results, grades and personal information such as phone number, address, etc. The School will not release this information to anyone other than the student or applicant without a signed and dated written consent form from the student. The School recognizes that parents, other family members and friends are concerned about the student's education and career, and their progress in the Apprenticeship Program. We encourage students to discuss these issues with concerned family and friends directly. If the student would like to give someone access to their personal information, they should go on-line to seafarers.org under "jobs" and then "UA program application." At the bottom of the page is a release form.

Compliance Officers for the Paul Hall Center for Maritime Training and Education

Thomas Orzechowski
Acting Vice President

Bart Rogers
Assistant Vice President

Priscilla Labanowski
Director of Vocational Training and Education

The Paul Hall Center for Maritime Training and Education is a private, non-profit, equal opportunity institution and admits students, who are otherwise qualified, of any race, nationality or sex. The School complies with applicable laws with respect to admission, access or treatment of students in its programs or activities.

This catalog is intended to be a fair summary of matters of interest to students. The catalog is not intended to be a complete statement for all procedures, policies, rules and regulations of the School. The School reserves the right to change, without notice, any academic or other requirements, course offerings, course contents, programs, procedures, policies, rules and regulations or requirements whether or not contained in this catalog. The student is responsible for meeting all requirements for certification or graduation.

Whenever the words he, his or him appear in this catalog, such references shall have equal application to students irrespective of sex and in no way represent sexual discrimination.

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Santurce, PR 00907
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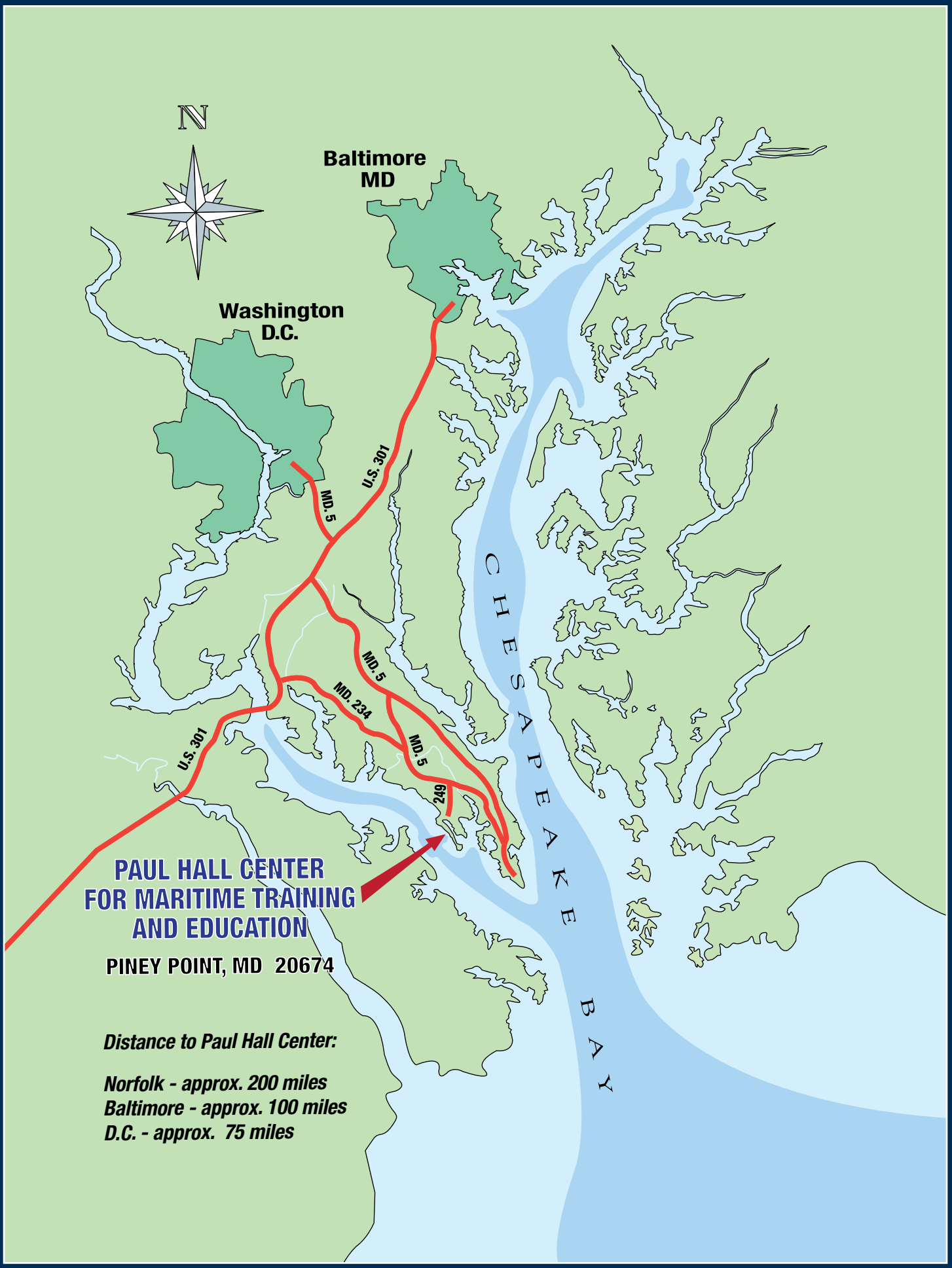
(310) 549-4000; Fax (310) 549-4044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Washington
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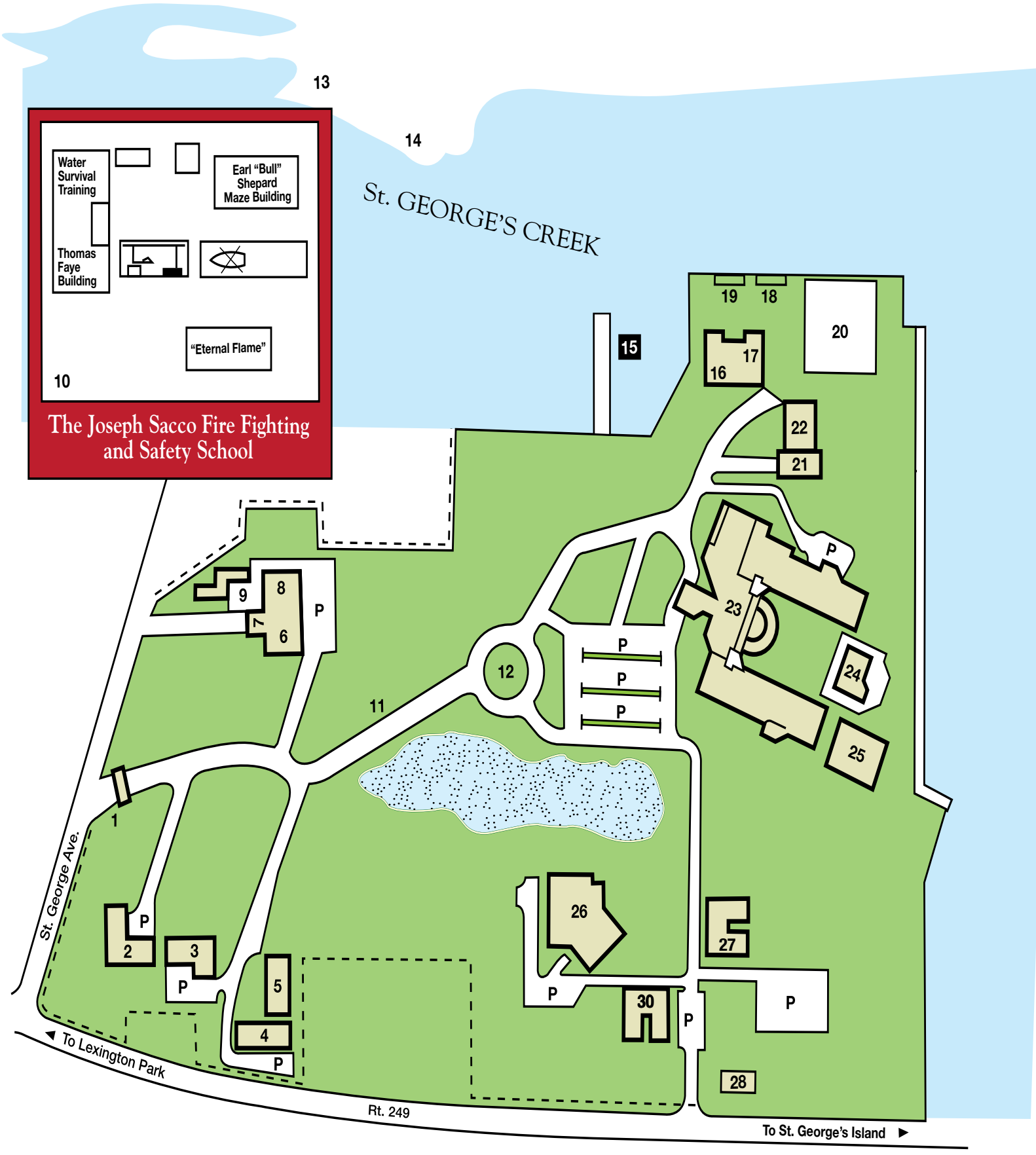
U.S. 301
CHESAPEAKE BAY
PAUL HALL CENTER
FOR MARITIME TRAINING
AND EDUCATION
PINEY POINT, MD 20674
Distance to Paul Hall Center:
Norfolk - approx. 200 miles
Baltimore - approx. 100 miles
D.C. - approx. 75 miles


13
14
St. GEORGE'S CREEK
Water Survival Training
Earl "Bull" Shepard Maze Building
Thomas Faye Building
"Eternal Flame"
10
The Joseph Sacco Fire Fighting and Safety School
15
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1
St. George Ave.
2
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To Lexington Park
Rt. 249
To St. George's Island

LEGEND

1. Main Gate
2. Lindsey Williams Shiphandling Simulator and Bob McMillan Annex
3. Paul Drozak Building
4. Vocational Machine Shop
5. Charles Logan Building
6. Al Kerr Building Center
7. Purchasing Department
8. Supply Department
9. Storage
10. Joseph Sacco Fire Fighting School
11. Frank Mongelli Memorial Drive
12. Paul Hall Circle
13. PHC Valley Lee Farm
14. Seafarers Addiction Rehabilitation Center
15. Training Vessel
16. Arts and Crafts Center
17. Machine Shop
18. Lifeboat Training Davit
19. Fast Rescue Boat Davit
20. Waterfront Park
21. Fire House
22. Motor Pool
23. SHLSS Training and Recreation Center
24. Swimming Pool
25. Basketball Court
26. Paul Hall Library and Maritime Museum
27. Thomas Crowley, Sr. Center for Maritime Service
28. Port Agent's Office
29. Hotel Annex

The Paul Hall Story

Paul Hall's amazing story begins in the tiny town of Inglenook, Alabama. His early years were marked by poverty. The son of a railroad engineer, Hall managed to get through eight years of schooling. His lack of education in no way deterred him from becoming one of the truly remarkable public speakers of our time. He was a self-made man in the best traditions of America.

Hall started shipping as a teenager in the very early '30s. He shipped mostly in the black gang as wiper and FOWT. He earned an Original 2nd Engineers license, but never sailed under it, choosing to stay with his unlicensed brothers.

He shipped throughout the '30s and into World War II. When the SIU was founded in 1938, Paul Hall was there with a small group of other seamen determined to block the East Coast seamen's movement from the very real threat of a takeover by card-carrying communist party members. He was very proud of his charter member book in the SIU, H-1.

His first official post in the union was as patrolman in the port of Baltimore in 1944. He rapidly moved up to become port agent in New York and then Director of Organizing for the SIU Atlantic and Gulf District, (AGLIWD). Then in 1947, at the age of 32, he became chief executive officer of the SIU-AGLIWD, and held this post until his death. Paul Hall led the SIU in the General Strike of 1947 when seamen won unprecedented gains in wages and conditions. He also keyed organizing breakthroughs for the SIU in bringing Isthmian Lines (125 ships) and Cities Service Tankers under the SIU banner. The Isthmian victory was the single largest organizing victory in the history of the deep-sea sailor's movement. Cities Service was the most notoriously anti-union company on the waterfront.

Paul Hall, through collective bargaining, also established for the SIU membership the Seafarers Welfare, Pension and Vacation Plans, which today provide SIU people with the best, most secure benefits in the industry.

In 1957, Paul Hall became president of the SIUNA, succeeding the late Harry Lundeberg, a post he held until his death. In the same year, he became president of the AFL-CIO Maritime Trades Department. When Hall took over the MTD, it was a struggling organization made up of only six small unions. He built it into the most active and effective political force in the family of the trade union movement. At his death, the MTD comprised 43 national and international unions representing nearly 8 million American workers.

Paul Hall was elected by his peers to the AFL-CIO Executive Council in 1962. When he died, he was senior vice president of the AFL-CIO and one of its most influential members.

Paul Hall's dream for American seamen was all inclusive. He wanted the best of everything for SIU members. He realized better than anyone that no one was going to hand it to the union on a silver platter. He fought continually at the bargaining table.

Nevertheless, Paul Hall wanted more than top pay and benefits for the SIU. He wanted SIU members to have an opportunity to advance. Paul Hall wanted young people to have the opportunity to take a crack at a career at sea.

This is why he established the Seafarers Harry Lundeberg School of Seamanship in Piney Point, Md. in 1967. Since then, the school has developed into the finest maritime training school in the country. Thousands of SIU members have advanced their skills, and thousands of young people from deprived backgrounds have found employment and a chance in life because of the school.

The School is a living, thriving monument to Paul Hall's belief in education and his desire to see SIU members get a better shake in life.

The one thing Paul Hall understood better than anyone is that the future of the American merchant marine depends on the success of this organization in the political arena.

Under his leadership, the SIU became deeply involved in politics at a very early date. Paul Hall helped lobby through Congress the 50-50 Cargo Preference Act in 1954, which reserved for American ships at least 50 percent of all government-generated cargoes.

There were many political victories for Paul Hall, some big, some small. The biggest victory came with passage of the Merchant Marine Act of 1970, which gave the American maritime industry new life and a future when it appeared that the U.S. merchant marine might not survive the decade. He spearheaded the bill through Congress. Several U.S. Congressmen, in eulogies to him, entitled Paul Hall, "The Father of Modern American Merchant Marine."

Paul Hall was named to committees and commissions by Presidents Johnson, Ford, Nixon and Carter. He also received numerous awards for his contributions in and outside the labor movement.

A Legend in His Time

Paul Hall was truly a legend in his time. From the famous Wall Street Beef of 1947 where Seafarers wearing white hats keyed a strike victory for financial workers, to the tremendous battles between Hall and Jimmy Hoffa's Teamsters Union, Paul Hall stood head and shoulders above his opposition. He reached out to help seamen of other nations. He was a key figure in developing trade union democracy for Canadian seamen. Toward the end of his career, Paul Hall was one of the most powerful men in the country. He hated fanfare and publicity. He preferred to work behind the scenes and let others take the credit.

But no matter how important he became, Paul Hall always preferred the company of seamen. He said time and time again that he would rather sit around a table "talking to a few of the boys" than sit in the Oval Office of the White House with the president of the United States. To the end, he supported the underdog.

Paul Hall never forgot where he came from. The SIU was his life. Seamen were his brothers. His long-term dream for the maritime labor movement was to have one union for unlicensed seamen and one union for licensed seamen. He was a tremendous proponent of merger and consolidation for strength. He believed deeply in the SIU motto, "Strength in Unity."

The Paul Hall Center for Maritime Training and Education is dedicated to the memory of Paul Hall.

NOTES

Paul Hall Center for Maritime Training and Education
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