

TEXAS A&M UNIVERSITY GALVESTON

TS GENERAL RUDDER

2019 Annual Fire Safety Report on Student Housing



Higher Education Campus Fire Safety Standards and Measures

This Annual Fire Safety Report on Student Housing (Annual Fire Safety Report) and the Texas A&M University at Galveston TS General Rudder Annual Security Report are available at the following Texas A&M University Office of Risk, Ethics, and Compliance websites.

<http://urc.tamu.edu/media/1601436/TAMUGGeneralRudderAnnualFireReport.pdf>

<http://urc.tamu.edu/media/1601438/TAMUGGeneralRudderAnnualSecurityReport.pdf>

Email vpfa-urc-compliance-officer@exchange.tamu.edu for assistance if any link does not function.

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Texas A&M University at Galveston

TS General Rudder

Telephone Numbers and General Contacts

Reporting an Emergency

On campus phones - Police/Fire/Medical 911 or 9-911

Off campus or cellular phones 911

TS General Rudder while at sea

 Watch Officer, Bridge 409-741-1767

 Master of TS General Rudder 409-741-1767

 Roving Security Watch 409-877-2321

Non-Emergencies/General

 Texas A&M University at Galveston Police Department 409-740-4545

 Texas A&M University at Galveston Safety Office 409-741-4029

 Web Site: <http://www.tamug.edu/police/>

Other Important Telephone Numbers

Texas A&M Maritime Academy (TAMMA) Superintendent 409-740-4703

TAMMA Operations Officer 409-740-4795

TAMMA Office – Emergency on TAMUG campus 409-740-4477

TAMMA Office – Non-emergency on TAMUG campus 409-740-4706

Texas A&M University at Galveston Campus Living & Learning (CL&L) 409-740-4445

Texas A&M University at Galveston Facilities Services 409-740-4547

Fire Department 911

Fire Log Information/Location

Texas A&M University at Galveston maintains fire logs that are available to the public and kept at the Environmental Health & Safety Office, Building 3026, Room 910.

How to access

Request by phone:

Texas A&M University at Galveston Environmental Health & Safety Office
409-741-4029

Request in writing:

Texas A&M University at Galveston Environmental Health & Safety Office
Building 3026, Rm. 910
PO Box 1675
Galveston, TX 77553

Aboard TS General Rudder, the ship's officers are responsible for keeping the ships logs. The fire log is available free of charge on the TS General Rudder from the ship's Master. The Master can be contacted by calling 409-741-1767. Personnel located at the Texas A&M University at Galveston main campus' Environmental Health & Safety Office (see contact information above) or the TAMMA Office (409-740-4706) can also assist with accessing the TS General Rudder fire log.

A Message from Our Directors

The Training Ship (TS) General Rudder is used to support the mission of educating and training TAMMA cadets in accordance with the educational principles of Texas A&M University at Galveston. The TS General Rudder is a public vessel owned by the United States Department of Transportation's Maritime Administration (Maritime Administration) and operated by the TAMMA. The ship is docked at the Texas A&M University at Galveston campus and also serves as a training cruise location away from campus for a portion of each year offering an opportunity for cadets to practice theoretical knowledge taught in the classroom. Supervised sea service (sea service accrual) is required for TAMMA cadets pursuing merchant mariners credentials (MMC) issued by the United States Coast Guard (USCG).

The TS General Rudder is the on-campus student housing location assigned to maritime cadets, enrolled in the TAMMA's training program, for the duration of their training cruise. In accordance with the Clery Act, the TS General Rudder meets the criteria of an on-campus student housing facility when operating as a training cruise location. Students do not reside on the TS General Rudder while it is docked on the Texas A&M University at Galveston campus.

This publication is designed to provide information about services, programs and statistical information as required by law. If you have any questions or suggestions concerning this publication, please contact the TAMMA Rear Admiral Michael Rodriguez, USMS at 409-740-4703, rodriguez@m@tamug.edu or the TAMMA Operations Officer at 409-740-4795, dtreshman89@tamug.edu.

Policy for preparing the Annual Fire Safety Report

TAMMA composes the Annual Fire Safety Report and maintains a log of fire statistics with information and input from various sources such as the Texas A&M University at Galveston Office of the Commandant, Office of Student Affairs and Texas A&M University Office of Risk, Ethics, and Compliance (OREC).

The Annual Fire Safety Report is published every year by October 1st and contains three years of selected fire statistics in accordance with the Higher Education Opportunity Act (HEOA). This, the 2019 report, contains the statistics for calendar years 2016 through 2018.

Annual Fire Safety Report and Related Information

The Annual Fire Safety Report is required by the HEOA for any Title IV institution that maintains an on-campus student housing facility. Per HEOA, an institution that maintains an on-campus student housing facility must collect fire statistics, publish an Annual Fire Safety Report, and keep a fire log.

The Clery Act was amended by HEOA in 2008, requiring future reports to include campus housing fire safety statistics. The information contained in this document relates to fire safety for on-campus student residential housing only.

A copy of the Texas A&M University at Galveston, TS General Rudder Annual Security Report may be requested by emailing Texas A&M Galveston Police at police@tamug.edu or by calling 409-740-4545. The Annual Security Report can be found at the following OREC website: <http://urc.tamu.edu/media/1601438/TAMUGGeneralRudderAnnualSecurityReport.pdf>.

Notifications

Each year, an e-mail notification is sent to all current students, faculty, and staff providing the web site to access this report. Upon request, prospective students and employees and others may obtain a written paper copy of the report from Environmental Health and Safety located at 200 Sea Wolf Parkway, Bldg. 3026, Room 910, P.O. Box 1675, Galveston, TX 77553, by calling 409-741-4029, by emailing Phillipm@tamug.edu, or visiting the following OREC website: <http://urc.tamu.edu/media/1601436/TAMUGGeneralRudderAnnualFireReport.pdf>.

Prospective employees are notified about the Annual Fire Safety Report through an email distributed when applying for a position and via the Texas A&M University Division of Human Resources and Organizational Effectiveness website at <https://jobpath.tamu.edu> through a link on the right menu bar called safety and security notices. Employees are also notified via a link on the Human Resources webpage titled Required Employee Notices & Important Reminders: <http://employees.tamu.edu/employees/required-notices/>.

Prospective students are notified of the availability of the Annual Fire Safety Report through an email distributed when applying for admission. Prospective students and parents of students can also read about and reference Clery Act information on the Office of Admissions webpage (<http://admissions.tamu.edu/>) via a link titled “Campus Safety” located at the bottom of the webpage.

The fire log is available free of charge on the TS General Rudder from the ship’s Master. The Master can be contacted by calling 409-741-1767. Personnel in Texas A&M University at Galveston’s Environmental Health and Safety Department can also assist with accessing the TS General Rudder fire log (200 Sea Wolf Parkway, Bldg. 3026, Room 910, Galveston, TX 77553). A request can be made by phone at 409-741-4029 (Environmental Health and Safety Department) or 409-740-4706 (TAMMA Office).

Reporting Fires

Per federal law, Texas A&M University is required to annually disclose statistical data on all fires that occur in on-campus housing facilities. In the event of an emergency on Texas A&M University at Galveston campus, please call 911. When the TS General Rudder is at sea, report a shipboard emergency by telephone to the Bridge or the Master 409-741-1767 or to the Roving Security Watch hailed on UHF channel 2 or 409-877-2321. When reporting an emergency, state your name, duty, position, where you are calling from, and a description of the situation. If you are reporting a suspected fire situation, indicate whether you see smoke or smell smoke and how it smells (electrical, trash, petroleum, etc.). Additional mechanisms which should be used to report emergency situations include pull-box fire alarms located throughout the TS General Rudder and UHF walkie-talkie base stations located in the Wheelhouse, EOS and 00 deck watch station.

Below are the non-emergency phone numbers students and employees should call to report fires that have already been extinguished in on-campus student housing. These phone numbers are for fires which you are unsure whether the Texas A&M Galveston University Police or the TAMMA Administrators may already be aware. If you find evidence of such a fire or if you hear about such a fire, please contact one of the following. For purposes of including fire statistics in the annual fire safety report, employees and students should report all instances that a fire occurred in on-campus student housing to the individuals listed below.

Mike Phillips
Assistant Manager Environmental Health & Safety / Fire Marshal
Phillipm@tamug.edu
409-741-4029

Dee Ann Haney
Lab Safety and Training Coordinator
Haneyd@tamug.edu
409-741-4055

Neil Golemo
Director of CL&L
golemon@tamug.edu
409-740-4469

Sam Martinez
Chief, University Police
martinez@tamug.edu
409-740-4548

The Master of the Vessel (409-741-1767) is responsible for tracking fires on the TS General Rudder while docked at Texas A&M University at Galveston or while at sea.

When calling, provide as much information as possible about the location, date, time, and cause of the fire.

Fire Safety Education and Training Programs

TS General Rudder's Safety Management System (SMS) provides a framework of policies to increase shipboard safety. SMS policies are implemented by following procedures and practices contained in the TAMMA Safety Management Manual (TMASMM) for officers, crew, and cadets.

The TMASMM is posted on eCampus and all public computers aboard the TS General Rudder. It is the responsibility of all persons aboard the vessel to become familiar with the TMASMM and to use it in daily shipboard routine. Failure to comply with written safety policies may result in disciplinary measures including dismissal. All crew and cadets are required to complete a safety orientation process prior to the ship's departure. The safety orientation includes learning about the Station Bill (matrices posted throughout the vessel which specify special duties and duty stations of each crew member for various emergencies) and developing an awareness for recognizing general onboard dangers, especially potential fire hazards.

Pursuant to the SMS, each newly joining crewmember (students and employees) participates in the vessel's familiarization, which is presented in three sessions. Permanent crewmembers and returning cadets are required to undergo re-familiarization on an annual basis. Completion of familiarization and/or re-familiarization is documented. Crew members (students and employees) also participate in required fire and abandon ship drills scheduled regularly while the TS General Rudder is at sea. The drills assist students in developing an understanding of procedures to be following during actual emergencies.

Basic fire safety instruction is provided to all students at the Texas A&M University at Galveston campus by multiple means. Each dorm room is provided with an instructional sign located on the back side of the door containing instructions on what to do in an emergency. Students also participate in two fire drills each semester to help ensure they understand the evacuation procedures during an emergency. Additionally, Community Leaders (staff) receive specific training during orientation outlining their responsibilities during various emergencies. Hands-on fire extinguisher training is also available on request. In addition, ongoing education and safety awareness is available to all campus personnel via the links below.

<http://www.tamug.edu/emergency/noshow/Fire.html>

<http://www.tamug.edu/emergency/index.html>

<http://www.tamug.edu/emergency/Emergency%20Procedures/FireHAZMAT.html>

About Texas A&M University at Galveston

Texas A&M University at Galveston Mission Statement

Texas A&M University at Galveston is a special-purpose institution of higher education for undergraduate and graduate instruction in marine and maritime studies in science, engineering and business and for research and public service related to the general field of marine resources. The institution is under the management and control of the Board of Regents of The Texas A&M University System, with degrees offered under the name and authority of Texas A&M University at College Station.

Accreditation

Texas A&M University is fully accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACS-COC). As a branch campus, Texas A&M University at Galveston is included in that process. In addition, Offshore and Coastal Systems Engineering (OCSE) is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). Marine Engineering Technology is accredited by the Engineering Technology Accreditation Commission of ABET.

Ocean voyages, sailing in Galveston Bay, beachfront experiments, and independent study complement the rigorous classroom experience at our island campus. The by-the-sea campus environment enhances the unique curricular offerings. The atmosphere fostered by the faculty, staff and students emphasizes the intimate relationship between the University and the sea. Texas A&M University at Galveston is recognized nationally for academic excellence. The ocean-oriented academic programs are accredited regionally and professionally.

Academics

Texas A&M University at Galveston offers ocean-oriented, four-year courses with excellence in business, oceanographic and physical sciences, biological sciences, engineering and transportation and liberal arts. Degrees are awarded from Texas A&M University. Computer science and technical writing courses are taught across curricula, regardless of a student's major field. In every course each semester, formally administered questionnaires invite students to appraise the effectiveness of teaching. Several unique courses have been developed in response to the university's marine orientation. For instance, "Literature of the Sea" looks at the sea through the works of great authors. "Introduction to Marine Sciences" introduces students to a number of disciplines through lectures, seminars and industrial contacts. The cruise geography course emphasizes the port areas being visited.

TAMMA

The TAMMA provides an opportunity for students to learn how to operate and maintain an ocean-going vessel. In addition to classroom and field training during the regular school year, students sail aboard a training ship during summer cruises to gain practical experience in seamanship, navigation, and operations. Cruises are varied to include Northern Europe, the Caribbean, the Mediterranean and the United States. At the conclusion of the program, Midshipmen are tested to become licensed as officers in the U.S. Merchant Marine and may seek employment in the field of marine transportation as a licensed Third Mate or Third Assistant Engineer.

The Naval Reserve Officer Training Corps (NROTC) Program offers men and women an opportunity to qualify for a commission in the Navy while attending Texas A&M University at Galveston. Any student may join the NROTC Program either as a National Scholarship winner or as a non-subsidized college program student. The TS General Rudder is utilized by the TAMMA as a training cruise location away from campus which offers an opportunity for students to practice theoretical knowledge taught in the classroom. Onboard supervised sea service (sea service accrual) is required for TAMMA cadets pursuing MMC issued by the USCG.

On-Campus Housing Facilities

The TAMMA operates the TS General Rudder which contains berthing space assigned to maritime cadets, enrolled in the TAMMA's training program, for the duration of a training cruise. Berthing is defined as space or accommodations aboard a vessel assigned to persons for their personal use such as beds, closets, showers/toilets, and desks. Berthing of students is permitted by the Maritime Administration as it is relevant to the training program. The berthing space on TS General Rudder is considered on-campus student housing in accordance with the Clery Act. Students do not reside on the TS General Rudder while it is docked on the Texas A&M University at Galveston campus.

Fire Safety Policies

TS General Rudder's SMS and TMASMM safety policies are consistent with industry standards. The Master shall also write their own set of standards known as the Master's Standing Orders which apply to all personnel and are posted in public spaces in accordance with the TMASMM. Additionally, a Fire Control Plan contains a detailed deck plan of the ship and identifies all fire equipment including portable and fixed equipment. The Fire Control Plan is communicated during vessel familiarization. Personnel serving on the vessel's fire team are required to be familiar with the Fire Control Plan.

The following are fire safety/prevention measures applicable to the TS General Rudder and adopted by Texas A&M University at Galveston administration to provide for the operational safety and training of all personnel involved in vessel field activities associated with Texas A&M University at Galveston.

1. Keep oil and grease out of bilges.
2. Cleanup any spilled fuel or lube oil immediately and properly dispose of it ashore.
3. Stow cleaning materials off the boat.
4. Keep all areas free of waste material.
5. Use proper containers for flammable liquids.
6. Be alert for suspicious odors and fumes, and vent all spaces thoroughly before starting engine(s).
7. Remember life comes before property.

Appliances and Equipment Including Portable Electrical Appliances

No unauthorized electrical equipment shall be brought on board the vessel. Unauthorized equipment includes, but is not limited to, fans, hot plates, curling irons, televisions, stereos, and personal equipment. Only battery operated alarm clocks are allowed on board the TS General Rudder as they are more reliable, easier to stow, and pose no electrical hazard due to overloading of circuits. No televisions shall be allowed in cadet staterooms.

Large capacity electrical appliances such as refrigerators, air conditioners, microwaves, toaster ovens, and similar equipment are prohibited. All electronic equipment must be secured for sea at all times.

Arson/Campfires (Fire and Life Safety Program)

If arson is suspected, no matter how small the incident, contact the University Police Department, the Environmental Health and Safety Assistant Manager / Fire Marshal, or the Master of the ship. Do not alter the fire scene in any way, unless you are trying to extinguish a live fire. The appropriate administrator will investigate any possible arson.

Other than authorized “hot work” (as described in the SMS), no other type of burning is permitted on the vessel.

Candles/Incense/Wax Warmers/Open Flames

Incense, candles, and the introduction or use of flammable, combustible, or non-controlled combustible devices aboard the TS General Rudder are prohibited and grounds for dismissal from the Corps.

Cooking

Cooking is prohibited in TS General Rudder staterooms. Eating shall be confined to messing areas. Open or unsealed snack foods will not be kept in staterooms.

Decorations (Fire and Life Safety Program)

Other than approved printed material (e.g., written announcements, plan of the day, etc.), decorations (including but not limited to holiday decorations) are not permitted.

Electrical Power Strips and Extension Cords (Fire and Life Safety Program)

The misuse of electrical outlets onboard the TS General Rudder can expose the entire community to extreme hazard. Outlets are shared by all occupants of a stateroom or berthing area and must not be overloaded due to electrical fire risk. Surge protectors, extension cords and outlet doublers are not authorized. All electronic equipment must be secured for sea at all times.

Emergency/Safety Equipment

The doors on the TS General Rudder are constructed especially for the ship and for fire protection. For safety, hatches and doors should be fully closed or fully opened and latched/secured. The TS General Rudder is equipped with sound-powered phones. The button on a sound-powered phone must be pushed to speak. Port holes must be closed at all times unless there is an emergency onboard that requires opening. Keeping port holes windows closed maintains fire and smoke boundaries, assists in controlling humidity inside the ship, and assists in air conditioning and heating boundaries.

The use of or tampering with ship's equipment, in general, and with safety equipment specifically, except for drill or an actual emergency, is a violation of USCG Regulation and is prohibited. Any such action will also be treated as a violation of Standing Orders, which will result in demerits. In certain cases, this may also lead to a Captain's Mast as determined by the Master or the Commandant. Emergency equipment includes, but is not limited to fire hoses, lifeboats, watertight hatches, and smoke detectors.

Fireworks/Explosives/Hazards

Combustible materials such as printed material are limited to the vessel's bulletin/announcement boards.

Only safety matches are permitted for use aboard ship. "Zippo" type lighters are permitted, but lighter fluid may not be stored in berthing areas of the TS General Rudder.

The unauthorized introduction, use, or storage of flammable, or combustible explosive material aboard the ship is strictly prohibited.

In incidents involving discharges of oil or hazardous substances, a report will be filed with the USCG Officer in Charge of Marine Inspection having jurisdiction over the location where the discharges occurred or nearest the port of first arrival following the discharge. Any Texas A&M University at Galveston crew member or cadet who has been identified as being directly involved shall be tested as per requirements of federal regulations and results reported to the same Officer.

Smoking

Smoking is not permitted in any campus building on the Texas A&M University at Galveston campus. On the TS General Rudder, as outlined in TSASMM Section 2.3, tobacco usage is permitted only in the designated smoking area. The Master shall determine the designated smoking area considering safety related to fire hazards and exposure to second hand smoke. Smoking aboard may be completely prohibited for safety reasons such as bunkering.

No smoking is allowed on the vessel at TAMMA dock. On the TS General Rudder, smoking is secured during field operations, field day, and by order of the Master of the vessel. Smoking is not permitted anywhere in the interior of the vessel. When smoking throughout the vessel is secured, the words "Smoking Lamp is secured" will be passed/announced about the vessel.

When welding or burning operations are conducted, a fire watch with a fire extinguisher must be employed. "Strike Anywhere" matches are prohibited.

When smoking on deck, do not throw cigarette butts over the side as the ship's motion may blow back onto the deck and start a fire. This is also a pollution violation. Extinguish your cigarette thoroughly and dispose of it properly. Any person found improperly disposing of butts on deck will be charged with a Class One violation of Ships Standing Orders. Extinguishing cigarettes out on decks or bulkheads is prohibited. Cigarette butts must be disposed of in the 5-gallon buckets filled with sand around the deck. No smoking during fire and boat drills.

Failure to adhere to policies regarding tobacco will result in disciplinary measures.
Use of electronic cigarettes is prohibited outside of designated smoking areas.

Cell Phones

Cell phone use and/or possession is not allowed at cadet formations; while on work or watch or at watch muster stations; during class; during emergency drills; in the vicinity of ship operations during arrival/departure (line handling and mooring, etc.); and/or other evolutions where safety is jeopardized by their use (while the ship is engaged in bunkering, for example). Cell phone use is authorized at all times at the fantail (excluding mooring and crane operations), within the confines of the house, and on outside walk ways and wing decks of the house as long as ship operations are not occurring in that area.

General

Cadet Officers or resident advisors in each residence facility are responsible for the maintenance of order, the preservation of property and the cleanliness of the area assigned to their organization.

Each room on the TS General Rudder must be ready for inspection between the hours of 0800 and 1600, Monday through Friday, holidays excepted, and for all announced formal inspections. The Master has the responsibility under federal law to ensure that there is no contraband material of any type aboard the TS General Rudder during the cruise. The Master may at any time order a search of any space including rooms or lockers for contraband materials. Smuggling is a serious crime and lack of knowledge of the regulations is not an excuse. Security regulations also prohibit introducing any dangerous substances or unauthorized persons to the vessel. By participating in the training cruise, participants acknowledge the legal authority of the Master to make warrantless searches of your living spaces and lockers when he/she believes that such a search is necessary to comply with federal law. Cadets are not permitted to carry out searches without the presence of a ship's officer. Contraband searches are random and can be held at the Master's discretion. The Corps Operations Officer shall inspect all staterooms prior to arrival/departure for summer cruise.

Swimming around or diving from the TS General Rudder or the dock is strictly prohibited.

Inspection Program

The TS General Rudder is subject to regulations as per the USCG approved Vessel Security Plan enforced by both internal and external audits and inspections.

All berthing areas on the TS General Rudder are subject to daily inspections or at any time deemed necessary by the Master of the ship. Master's inspections may be earlier. Every day at approximately 0900, while underway, the Commandants, accompanied by the cadet leadership, will inspect all cadet berthing areas. This inspection will focus on general cleanliness, safety, and sanitary condition of the spaces. At all times cadet berthing spaces must be in a neat and orderly condition with racks made. This inspection team will also be checking for serviceability and sanitary conditions of all sinks, heads and showers. Any standing water will be addressed. All maintenance issues will be reported appropriately for repair. There will be no gear adrift and will be subject to removal if found during the inspection. Gear adrift in adverse weather/sea conditions could be tossed around and cause injury. Any berthing areas that fail will be re-inspected at 1900 the same day.

Each cadet assigned to a berthing area on the TS General Rudder is held responsible for any damage to the area including furniture, fixtures, and equipment. The cadet will be held liable for the full extent of the damage including cost of repairs and manpower.

Fire Safety Systems Inspection

The vessel's fire and life safety inspection occurs weekly, quarterly, and annually in accordance with procedures established by the USCG and pursuant to the SMS as well as the Master's Standing Orders, Bridge Standing Orders, and Night Orders.

The TS General Rudder and its systems are inspected and certified by the USCG as required by the federal law. All systems must be inspected during vessel and equipment checks including fuel, oil system, and wiring. Abrasions, cracked wiring, or pinholes in oil and fuel lines are checked. Any discrepancy must be corrected at the time it is discovered. A fire watch is maintained with security rounds between 2000 and 0600 each day to check for fire in most areas of the ship.

Evacuation Procedures

If You Hear a Fire Alarm

The decision to abandon the TS General Rudder (abandon ship) is made by the Master. Every person receives training in water survival techniques, including the use of personal floatation devices, life rings and lifeboat/life raft survival. Details of the abandon ship response are complied with by the Bridge or Quarterdeck watch as appropriate. Under all conditions of abandon ship the notification signal is a succession of more than six (6) short blasts followed by one (1) long blast of the whistle supplemented by a comparable signal on the general alarm. When this signal is sounded, all cadets/crew will proceed to their assigned disembarking stations and carry out their duties as assigned on the station bill.

Each crewmember on the TS General Rudder is expected to recognize emergency signals from the Bridge and where they are to report. Instructions are also located on the Station Bill which lists all cadet's duties in case of fire or other emergency and are posted throughout the vessel in public areas. Upon hearing the alarm, all crew and cadets should proceed to their assigned disembarking stations and carry out their abandon ship duties as assigned on the Station Bill or as directed by the Master.

If You Discover a Fire

The SMS includes a fire checklist for reference when fire is discovered. Actions required of an individual discovering fire are identified in the checklist as described in the following. Immediately upon discovering a fire on the ship, sound an alarm, and summon help. Attempt to account for all persons. Never pass a fire to get to an extinguisher. If you must enter a compartment to combat a fire, keep an escape path open. Never let a fire get between you and a door, hatch or scuttle.

The signal for a fire and emergency is a continuous blast of the ship's whistle for a period of not less than ten seconds supplemented by the continuous ringing of the general alarm for not less than ten seconds. When the signal is sounded, all cadets and crew should carry out assigned duties as per the Station Bill or as directed by the Master.

TS General Rudder Firefighting Procedures

1. Shut off all engines, generators, and ventilation systems.
2. Recover and evacuate anyone injured.
3. Locate the fire and evaluate the extent of the fire.
4. Cut off air supply to fire. Close items such as hatches, ports, doors, ventilators and louvers, and shut off ventilation system.
5. Cut off electrical system supplying affected compartment if possible.

6. If safe, immediately use portable fire extinguishers at base of flames for flammable liquid or grease fires or water for fires in ordinary combustibles. Do not use water on electrical fires.
7. If fire is in machinery spaces, shut off fuel supply and ventilation and activate fixed extinguishing system if installed.
8. Maneuver vessel to minimize effect of wind on fire.
9. If unable to control fire, immediately notify the USCG and other craft in the vicinity by radiotelephone.
10. Move passengers/embarked personnel away from fire, have them put on life jackets and if necessary, prepare to abandon the vessel.

If you enter a compartment and fail to extinguish a fire with a portable fire extinguisher, get out. Then close the door, hatch, or scuttle to confine the fire. During emergencies or drills the fire screen doors and watertight doors should be closed. Never pass through a fire screen door without first determining it is safe to do so. Never attempt to pass through a watertight door while it is closing, and never open one as a means of going to your station.

Once You Have Evacuated

While evacuation is underway, muster will occur at the fire and emergency stations where specific instructions will be given on the public address system or on portable radios. During evacuation while docked or at port, muster will occur at the dock/pier.

Evacuation Drills (Fire Drills)

Conducting fire drills and training on a regular schedule is necessary for the continued safety of the passengers, embarked personnel, crew, and the vessel. Fire drills and training ensure that crew members are familiar with their duties to enable them to perform effectively in an actual emergency.

Drills during training are required by the USCG and the Convention for the Safety of Life at Sea. Firefighting techniques and procedures such as damage control, emergency repairs, how to safely abandon ship, are practiced to prepare for real emergencies at sea. While at sea, emergency drills and safety demonstrations are conducted weekly. Drills are not usually conducted in port or on weekends. Drills are normally conducted at 1030 or 1530 but may be conducted at any time. All hands are required to participate. Musters are taken at drills to account for all persons on board. Unannounced drills may be conducted at any time at the discretion of the Master.

Conducting abandon ship and person overboard drills and training on a regular schedule is also necessary for the continued safety of the passengers/embarked personnel and crew. Abandon ship and person overboard drills and training ensures that crew members are familiar with their duties to enable them to perform effectively in an actual emergency. While it is the Master's responsibility and authority to decide when to abandon ship it must be stressed that staying with the vessel until the last practical moment is better than entering the water or a survival craft.

During calendar year 2018 one drill was conducted each week for the duration of both TS General Rudder cruises for a total of 14 drills. Cruise A departed Galveston on May 16, 2018 and ended in Buzzards Bay, MA on July 24, 2018. Cruise B departed Galveston on July 31, 2018 and returned to Galveston on August 25, 2018.

Description of Fire Safety Systems

The doors on the TS General Rudder are constructed especially for the ship and for fire protection. Emergency egress points are marked. The vessel's fire and smoke detection system is monitored on the bridge and designed to continually check the system for faults. Alarms sound when any fault with the system is detected. TS General Rudder also has audible fire and emergency signaling (including sounding of the ship's whistle and general alarm); two independent fire pumps, fixed CO₂ and Halon systems; fixed water fire main system; portable fire extinguishers, and fire-team turn-out gear (firefighting gear/equipment).

Pursuant to regulatory compliance, all crewmembers (students and employees) are trained in basic firefighting.

Fire Safety Definitions (Department of Education)

On-campus student Housing Facility: Any student housing facility that is owned or controlled by the institution, or is located on property that is owned or controlled by the institution, and is within the reasonably contiguous geographic area that makes up the campus is considered an on-campus student housing facility.

Cause of fire: The factor or factors that give rise to a fire. The causal factor may be, but is not limited to, the result of an intentional or unintentional action, mechanical failure, or act of nature.

Fire: Any instance of open flame or other burning in a place not intended to contain the burning or in an uncontrolled manner.

Fire drill: A supervised practice of a mandatory evacuation of a building for a fire.

Fire-related injury: Any instance in which a person is injured as a result of a fire, including an injury sustained from a natural or accidental cause, while involved in fire control, attempting rescue, or escaping from the dangers of the fire. The term "person" may include students, employees, visitors, firefighters, or any other individuals.

Fire-related death: Any instance in which a person

- (1) Is killed as a result of a fire, including death resulting from a natural or accidental cause while involved in fire control, attempting rescue, or escaping from the dangers of a fire; or
- (2) Dies within one year of injuries sustained as a result of the fire.

Fire safety system: Any mechanism or system related to the detection of a fire, the warning resulting from a fire, or the control of a fire. This may include sprinkler systems or other fire extinguishing systems, fire detection devices, stand-alone smoke alarms, devices that alert one to the presence of a fire, such as horns, bells, or strobe lights; smoke-control and reduction mechanisms; and fire doors and walls that reduce the spread of a fire.

Value of property damage: The estimated value of the loss of the structure and contents, in terms of the cost of replacement in like kind and quantity. This estimate should include contents damaged by fire, and related damages caused by smoke, water, and overhaul; however, it does not include indirect loss, such as business interruption.

On-Campus Housing Facility Fire Statistics

2016 On-Campus Housing Facility Fire Statistics

Facility Name	Building Address	Total Fires in Each Facility	Fire Number	Cause of Fire	Number of Injuries That Required Treatment at a Medical Facility	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire
TS General Rudder	200 Seawolf Parkway, 3016 (and various*)	0	0	n/a	n/a	n/a	n/a

2017 On-Campus Housing Facility Fire Statistics

Facility Name	Building Address	Total Fires in Each Facility	Fire Number	Cause of Fire	Number of Injuries That Required Treatment at a Medical Facility	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire
TS General Rudder	200 Seawolf Parkway, 3016 (and various*)	0	0	n/a	n/a	n/a	n/a

* In accordance with the Clery Act, the TS General Rudder meets the criteria of an on-campus student housing facility when operating as a training cruise location. Students do not reside on the TS General Rudder while it is docked on the Texas A&M University at Galveston campus.

2018 On-Campus Housing Facility Fire Statistics

Facility Name	Building Address	Total Fires in Each Facility	Fire Number	Cause of Fire	Number of Injuries That Required Treatment at a Medical Facility	Number of Deaths Related to a Fire	Value of Property Damage Caused by Fire
TS General Rudder	200 Seawolf Parkway, 3016 (and various*)	0	0	n/a	n/a	n/a	n/a

* In accordance with the Clery Act, the TS General Rudder meets the criteria of an on-campus student housing facility when operating as a training cruise location. Students do not reside on the TS General Rudder while it is docked on the Texas A&M University at Galveston campus.

On-Campus Housing Initiatives

There are no future fire safety improvements planned for the TS General Rudder.

Other Annual Fire Safety Reports and Annual Security Reports

Annual Security Reports and Annual Fire Safety Reports for other Texas A&M University locations are as follows and are available at the following Texas A&M University OREC website:

[http://urc.tamu.edu/clery-act/clery-annual-reports/.](http://urc.tamu.edu/clery-act/clery-annual-reports/)

Other Texas A&M University Annual Fire Safety Reports

Texas A&M University College Station

<http://urc.tamu.edu/media/1157614/CSAnnualFireReport.pdf>

Texas A&M University at Galveston

<http://urc.tamu.edu/media/1157611/GalvestonAnnualFireReport.pdf>

Texas A&M University Health Science Center Kingsville

<http://urc.tamu.edu/media/1197453/KingsvilleAnnualFireReport.pdf>

Texas A&M University Maritime Academy Summer Sea Term

<http://urc.tamu.edu/media/1601437/TAMUMaritimeAcademyAnnualFireReport.pdf>

Other Texas A&M University Annual Security Reports

Texas A&M University College Station

<http://urc.tamu.edu/media/1157075/CSAnnualSecurityReport.pdf>

Texas A&M University O.D. Butler, Jr. Animal Science Complex and University Farm

<http://urc.tamu.edu/media/1492363/UnivFarmAnnualSecurityReport.pdf>

Texas A&M University RELDIS Campus

<http://urc.tamu.edu/media/1492354/RELDISAnnualSecurityReport.pdf>

Texas A&M University at Galveston

<http://urc.tamu.edu/media/1157087/GalvestonAnnualSecurityReport.pdf>

Texas A&M University at Qatar

<http://urc.tamu.edu/media/1157081/QatarAnnualSecurityReport.pdf>

Texas A&M University Mays Business School at CityCentre

<http://urc.tamu.edu/media/1157078/MaysAnnualSecurityReport.pdf>

Texas A&M University School of Law

<http://urc.tamu.edu/media/1157084/LawAnnualSecurityReport.pdf>

Texas A&M University Health Science Center Bryan

<http://urc.tamu.edu/media/1157090/HSCBryanAnnualSecurityReport.pdf>

Texas A&M University Health Science Center Dallas

<http://urc.tamu.edu/media/1157093/HSCDallasAnnualSecurityReport.pdf>

Texas A&M University Health Science Center Houston

<http://urc.tamu.edu/media/1157096/HSCHoustonAnnualSecurityReport.pdf>

Texas A&M University Health Science Center Kingsville

<http://urc.tamu.edu/media/1157099/HSCKingsvilleAnnualSecurityReport.pdf>

Texas A&M University Health Science Center McAllen

<http://urc.tamu.edu/media/1157102/HSCMcAllenAnnualSecurityReport.pdf>

Texas A&M University Health Science Center Round Rock

<http://urc.tamu.edu/media/1157069/HSCRRAAnnualSecurityReport.pdf>

Texas A&M University Health Science Center Temple

<http://urc.tamu.edu/media/1157072/HSCTempleAnnualSecurityReport.pdf>

Texas A&M University Higher Education Center at McAllen

<http://urc.tamu.edu/media/1492360/HECMcAllenAnnualSecurityReport.pdf>

Texas A&M University at Galveston, TS General Rudder

<http://urc.tamu.edu/media/1601438/TAMUGGeneralRudderAnnualSecurityReport.pdf>

Texas A&M University Maritime Academy Summer Sea Term

<http://urc.tamu.edu/media/1601439/TAMUMaritimeAcademyAnnualSecurityReport.pdf>

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