



SAFETY LINE

2019 OFFICER SEMINAR

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As the weather starts to warm up, we tend to forget the chill of winter. A few of us were lucky enough to migrate south to Orlando, FL from February 11 to 15 to participate in the 2019 Officer Seminar. It's safe to say this was one of the best Seminars yet!

The event began with a Kick-Off Dinner where many introductions were made and many sailors got to put faces to names. President Don Kurz spoke of his vision for Keystone. We are all blessed to work for such an incredible company with a long history and a bright future.

Following the dinner, lessons began straight away. There were some extremely helpful topics this year! Among the subjects discussed were Harassment Prevention, ISF Watchkeeper, Cargo Max, Asbestos Awareness, Vibration Condition Monitoring, Intercon, Fatigue Management, and Enclosed Space Entry (just to name a few). There were so many other discussions that took place over the span of the conference. If anyone that did not attend would like to reference the topics reviewed at this year's Seminar, many presentations were uploaded to DOCMAP.

Sometimes during a multiple day conference, with information flying at you for hours on end, it's a necessity to let off a little steam! Keystone hosted an event mid-week at Top Golf Orlando. The games were a blast whether you were virtually a pro or had never picked up a club before in your life. Food, drinks, and a little healthy competition is the recipe for a great afternoon.

We hope that those in attendance enjoyed themselves and found the lessons valuable.

Thank you to the presenters for sharing your insight and knowledge. Many of you traveled a very long way to assist us, and Keystone is grateful to each of you.

There are many moving parts involved in a week-long conference. Congratulations to Frank Pierson for tying all those moving parts into a seamless 5-day event. Thanks for all your hard work, Frank!

Most importantly, thank you to all the attendees. Keystone would not exist without its incredible mariners, doing their part to hone their craft and acquaint themselves with Keystone culture. We thank you for what you do every day.



Rich McCann with his wife, Phyllis, and David Carroll



John Stockert



Mike Diduch and Katrina Walheim



President Don Kurz speaking to the attendees.



Ellora and Marcus Martin with Rachel Romich



Tim O'Connor with Paul Renaghan and Rich Tammaro



Captain Shawn Benish

FIRE ABOARD THE ST. CLAIR

The S.S. *St. Clair*, a 770-foot laker vessel, was laid up for winter work adjacent to our own *Great Republic* at the Torco dock facility in Toledo, Ohio. At approximately 2030 on Saturday, February 16, a fire broke out on the *St. Clair*. The fire spread rapidly, overtaking the entire stern, accommodation block, and self-unloading equipment within minutes. The blaze engulfed the entire length of the self-unloading boom and numerous decks within the hull.

The *Great Republic* was laid up directly adjacent to the *St. Clair*. The two vessels were in close proximity, ranging from 8 to 15 feet in various places.

The *Republic* responded quickly both in advance of, and then in cooperation with, the Toledo Fire Department. Port Engineer, Aaron Pitrago, and Port Engineer, Mike Peterson, used all means available to notify Kodie Layman, the shipkeeping engineer and all others concerned. Aaron, Mike, Kodie and assistant shipkeeper, Brian Smith, were initially joined by the fire chief from the Toledo Fire Department.

In the middle of winter, in the middle of the of the night in the middle of winter work, Aaron and his team quickly arrived on scene, assembled, and tested the fire main system. The hoses and nozzles were then placed back on stations. In the face of fire, smoke, and potential danger – the team aboard the *Republic* rose to the occasion to safeguard both ships to the best of their ability. In less than one hour from when the fire began, the *Republic* and its team were at work fighting the blaze. Soon, the fire department took over the effort. Local firefighters relieved the *Republic's* crew from manning the fire hoses. Aaron, Port Coordinator, Sam Buchanan, and the crew remained onboard throughout the ordeal, serving as fire watch and giving help where needed.

The wind shifted and crew members could no longer stay onboard due to poor air quality. Instead of going home, they continued the watch from ashore. During the next four days and nights, the *Great Republic* was used as a platform for local firefighters. Our guys worked endlessly and tirelessly to make sure everyone remained safe. A fire of that magnitude could have easily spread to the surrounding vessels, if it weren't for the amazing and prompt response of the *Great Republic*.

It is obvious that these men, Aaron, Mike, Kodie, Sam, Brian, and others are quick to act and are capable of handling any situation. The prompt actions of these brave men saved their ship from any damage and in the finest traditions of the sea, lent their able assistance to a vessel in distress. Thanks to them, the *Great Republic* was not damaged and nobody was injured. We are grateful that they are a part of the Key Lakes team. A sincere job well done to all!

After all was said and done, the crew of the *Great Republic* managed to maneuver around the *St. Clair* to sail her. Sounds like some top notch shiphandling!



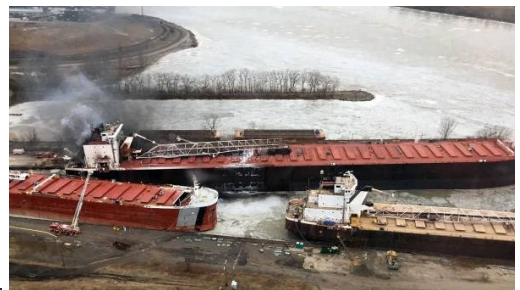
Flames rising off the house of the St. Clair.



Damage to the St. Clair, after the fire was out.



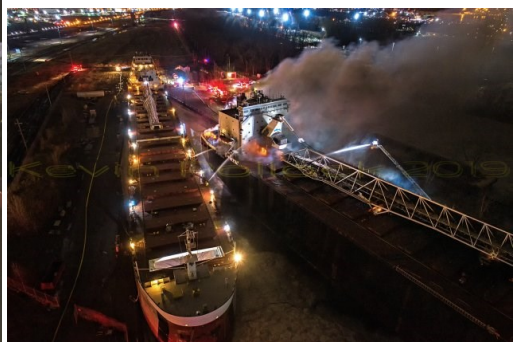
The entire length of the self-unloading boom lit in flames.



Picture of St. Clair's close proximity to the Great Republic.



Toledo Fire Department directing water from the Great Republic.



Local firefighters manning fire hoses, sending water off the port side of the Great Republic.



2019 STEWARD SEMINAR



After the success of last year's Steward Seminar, we decided to host another one this year. Similar to the Officer Seminar, multiple stewards and cooks from the fleet were in attendance to increase their cooking skill (or show off the skills they already had). Nine stewards and four second cooks were able to join us at the AMO Star Center in Dania, FL in February this year, to talk shop with people who really know their way around a galley.



Opening dinner at 15th Street Fisheries.



Fish feeding at the 15th Street Fisheries

The meeting kicked off with a great dinner at 15th Street Fisheries in Fort Lauderdale. Not only was the meal delicious, but the after dinner entertainment was incredible: feeding 5 foot Tarpons on the pier!

The next day included several informational sessions and a teambuilding exercise in an Escape Room.

The discussions held with our stewards and second cooks were completely invaluable. We look forward to another successful sailing season ahead.

Many thanks to AMO for giving us the space needed to hold this event. Thank you to all those who attended and participated with sincere intentions!



Group picture after successful completion of the Escape Room.

CAPE DOMINGO STRENGTHENS TIES TO THE U.S. ARMY



On February 26th, the Cape Domingo was used as training grounds for the U.S. Army CBRN. This is the group that would respond if a dirty bomb were hidden somewhere on the vessel.

First, the crew of the Domingo started with the basics. Chief Mate Gary Lombardi educated the Army personnel on nautical vocabulary, for those who had never been aboard a ship before. Next, the participants were given a thorough tour of the entire vessel.

The next step was to gather in the C hold onboard. The Army personnel broke up into teams, each receiving copies of the Domingo's Fire Safety Plans. Chief Mate Lombardi explained what the symbols stood for and how to read the plans. The teams performed exercises in which they had to find certain equipment onboard using the plans as a reference.

For the following three days, the Army was acting independently, searching for dummy CBRN weapons that had been hidden throughout the vessel.

Many thanks to the crew of the Cape Domingo, especially Chief Mate Gary Lombardi and Chief Engineer David Browning, for making this exercise a success...even during an ABS inspection!!



ANOTHER ROUND OF TURBO ACTIVATIONS

If you've ever wondered just how "ready" our Ready Reserve Fleet is, they are just about as ready as it can get. On March 13, the Cape Ducato was turbo-activated. Exactly one week later, the Cape Diamond was also given the notification to activate.

The Ducato and Diamond both had full crews onboard within 48 hours of the initial notification. Both vessels sailed in a timely manner and completed the activations as safely as possible.

Thank you to all crew members for contributing to another successful round of turbos.

DULUTH OFFICE ENJOYS FRESH POWDER

Since the Duluth office is located in a region that enjoys a longer winter period than other areas, many have come together to try and make the best of this time in Northern Minnesota! Former General Manager John Thibodeau, Fleet Manager John Stockert, Steward (Gott) Ryan Hicks, Marine Personnel Manager Tami Follett and her husband, Donald Follett, decided to join a Monday Night Ski Racing league to enjoy some time on the slopes in the evenings. Of course, the occasional beer at the end couldn't be avoided either. While we weren't the fastest, we definitely had fun and are planning on repeating this fun next year for anybody that would like to join!



CAPE RISE COLLABORATES WITH U.S. NAVY



Pictured here are Naval reservists who support the Naval Cooperation and Guidance to Shipping (NCAGS) mission.

The role of these men and women would be to act as liaisons between merchant shipping and military commanders during times of crisis or contingency. This group is comprised of various types of people; some have commercial sailing experience, some were prior active duty Navy, and others who are completely new to this mission and the maritime industry.

The crew of the Cape Rise, situated at General Dynamics in Portsmouth, VA, gave the reservists an idea of what to expect if they were to embark on a commercial ship. They were familiarized with cargo spaces, weather decks, the bridge, and general shipboard procedures. Knowledge and awareness of vessel operations will be critical if ever the time comes.

Please continue to treat all military personnel with the utmost respect when onboard. Their participation in exercises helps to create a strong working relationship between the Department of Defense and the Department of Transportation. Thank you Chief Engineer Dan Scrivanich and Chief Mate Brian Patten for a job well done!

UNITED STATES NAVY TACTICAL BOAT TRAINING



In mid-March, the U.S. Navy conducted tactical boat training in conjunction with the Cape Diamond and the Cape Douglas on the Cooper River in Charleston, SC near FLETC Training Center. Several tactical patrol boats with weapons loaded with blank fire rounds trained in the area. All weapons were fitted with blank fire adapters to ensure everyone’s safety and to identify the weapons as training weapons. The exercise’s objective, in layman’s terms, was to repel hostile vessels as they approached.

The Navy personnel utilize a tool called an LRAD, a long range acoustic device, and brought one aboard the Cape Douglas. The device is an acoustic hailing device to send messages and warning tones over longer distances or at higher volume than normal speakers. LRAD systems are used by law enforcement, government and defense agencies, as well as maritime and commercial security companies to broadcast audible notifications and warnings.

Keystone is proud to host these types of drills, and the Ready Reserve Fleet is the perfect platform to accomplish them safely.



A participant actively monitoring the ship’s radar from the Bridge.



An LRAD (Long Range Acoustic Device) set up on the weather deck of the Cape Douglas.



Shooting a .50 caliber machine gun off the port bow of the vessel during the exercises.

INCIDENT MANAGEMENT EXERCISE

On April 10, 2019 Keystone took part in an Incident Management Team (IMT) Tabletop Exercise (TTX) aboard the Cape Ray. The purpose of the exercise was to review the role of the Qualified Individual (QI) and IMT within the Incident Command System (ICS). Scott May from ECM Maritime led the discussion. Keystone office personnel as well as officers from the Cape R’s were present for the presentation.

Topics discussed included:

- ⇒ Master’s Initial Notification- **to Q!!!!**
- ⇒ Which situations require Vessel Response Plan Activation
- ⇒ Master’s Initial Actions
- ⇒ Media Relations
- ⇒ Social Media Guidance
- ⇒ Involving an Agent
- ⇒ Incident Command System (ICS)

All MARAD personnel are reminded their QI is the respective MARAD SOMO.

SUCCESSFUL ABS ISM AUDIT ABOARD CAPE RAY



Chief Mate Adam Blackwell preparing to don a respirator.



GVA Weillard Ilao donning SCBA pack, assisted by GUDE Dionce Bright

As time goes on, and the maritime industry continues to feel the ripples of the sinking of the *El Faro*, many regulations have been enacted to ensure the safety of our nation's mariners.

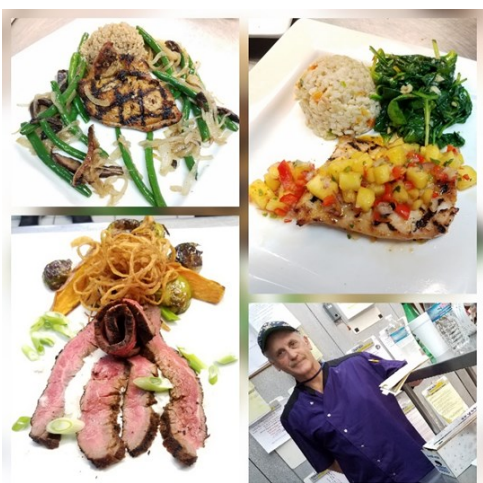
Of these new regulations, one is that any vessel participating in an ABS ISM audit must perform a training exercise of the auditor's choosing. This is to test preparedness in the event of an emergency.

Safe to say, the crew of the Cape Ray excel in practical exercises such as these.

If you are unsure exactly how to use and/or don the safety equipment onboard, ask someone to show you. Being familiar with the equipment and its location means there is one less thing to worry about in an emergency situation.

A job well done to OIC Chief Engineer Chris Myers, Chief Mate Adam Blackwell and the entire Cape Ray team on their successful completion of their ABS ISM SQE 5 year renewal.

SENIOR STEWARD TRAINING



Bob Fretter's Menu

Ancho Marinated Diamond Cut Beef
Flank Steak with Tobacco Onions
Oven Roasted Old Bay Sweet Potato
Fries
Sautéed Brussel Sprouts

Grilled Airline Chicken Breasts with
Thyme and Dried Cranberry Quinoa
Oven Roasted Portobello and Green
Beans with Caramelized Onions

Grilled Asian Mahi Mahi with
Japanese Pineapple Salsa
Oriental Vegetable Brown Fried Rice
Spinach with Sesame and Garlic

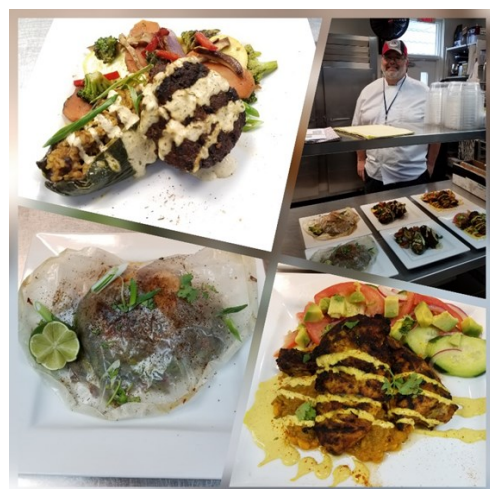
Bob Rosenfeldt's

Menu

Roasted Tandoori Chicken
Halves
Red Lentil and Sweet Potato
Dahi with Marinated Cucumber
Salad

Ancho and Cocoa Rubbed Beef
Tenderloin Brown Rice and Black
Bean Stuffed Poblano Pepper
with Cilantro-Lime Yogurt Drizzle
and Rainbow Vegetable Stir-Fry

Creole Mahi Mahi Steamed
Quinoa with Petite Shrimp and
Tomato
Green Beans en papillote



In February 2019, two of our Stewards attended the Senior Steward Training held at the AMO Star Center in Dania, FL. Bob Fretter and Bob Rosenfeldt successfully passed the rigorous 3-week course. Similarly to the past classes, Shannon Agor and Alison Escalante taught the stewards the importance of a nutritious, balanced meal and the significance of "mise en place", or set in place. Keeping an organized galley can help people prioritize and execute a delectable meal!

Both Bob's utilized the lessons they learned to create mouthwatering dishes. The final product was taste-tested by many people, all with rave reviews. Their menus impressed not only Shannon's kitchen staff, but also AMO Plans Executive Director Steve Nickerson and Associate Director Barbara Skrak. Congratulations Bob and Bob!!

Keystone Shipping Co.

One Bala Plaza East
 Suite 600
 Bala Cynwyd, PA 19004
 TEL : 610-617-6800

If you have any suggestions or comments please submit them to Captain T. O'Connor toconnor@keyship.com or Cassandra Yurick cyurick@keyship.com



2019 ENVIRO TARGETS



<p>Objective: Regulated disposal of office and vessel used batteries</p> <p>Target: Recycle office and vessel used batteries</p> <p>Indicator: Receipts for disposed batteries</p>	<p>Objective: Reduce the risk of pollution incidents from vessel cargo handling machinery</p> <p>Target: Utilization of environmentally friendly non-sheening oil in various cargo handling equipment on deck:</p> <ul style="list-style-type: none"> • Cranes • Booms • Stern Ramp • Side and port doors <p>Indicator: Annual listing of vessels which utilize the non-sheening oil and the equipment in which it is being used</p>	<p>Objective: Reduce the risk of potential pollution incidents from deck mooring operations machinery</p> <p>Target: Utilization of environmentally friendly non-sheening oil in various onboard deck mooring operations machinery and equipment</p> <ul style="list-style-type: none"> • Anchor windlasses • Deck winches <p>Indicator: Annual listing of vessels which utilize the environmentally friendly oil and the equipment in which it is being used</p>
<p>Objective: Reduce energy consumption on vessels in Reduce Operating Status</p> <p>Target: Develop onboard practices, procedures and modifications for reducing energy usage onboard ROS vessels</p> <p>Indicator: For vessels in ROS on shore power, develop baseline of current energy consumption in kilowatt hours. Monthly monitoring and annual measurement to determine that objective is being met</p>	<p>Objective: Regulate proper disposal of electronic equipment for Keystone Offices (Bala and Duluth) as well as commercial vessels (Keystone and Key Lakes)</p> <p>Target: To recycle used office electronic equipment</p> <p>Indicator: IT disposal log of used electronic equipment</p>	<p>Objective: Reduce energy consumption by changing to LED lighting where applicable</p> <p>Target: One ship annually upgraded to LED lighting where applicable or 5% improvement in the fleet</p> <p>Indicator: Annual measurement in our fleet</p>



Jim Fisher with his wife, Colenda



Tracie and Ron Buczkowski, Bart Drabenstot, with Matt and Megan Bauer



Dan Young talking to Bart Drabenstot



Al Parrent



Andy VerVelde



Andrew Spaulding with Cynthia and Nick Velkoff



Mitch Koslow talking to Joe Mesyna and Kevin Hale



Andy Hake, Tim Scott, and Christopher Myers



Cassandra Yurick and Tamara Follett



Kevin Hale with Karen Gossett and her mother, Julie Gilkey.



Bill Kutka with Fred Pietracoupa and Ken Gerasimos



Ellora Martin



BCTQ's Captain Tim Radford—Winner of Top Golf Competition!



Ryan Hill with Joe Campbell and Aaron Pirtago



Patrick Wells



David Browning



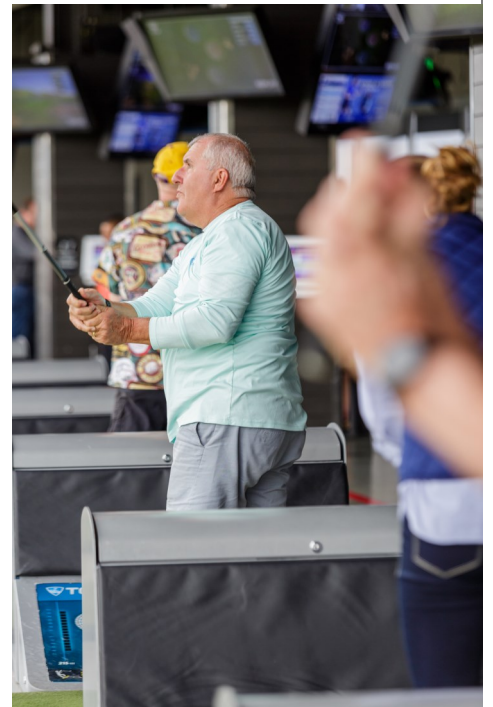
Tim Scott



Christopher Nardone



Keith Garland



Rich McCann



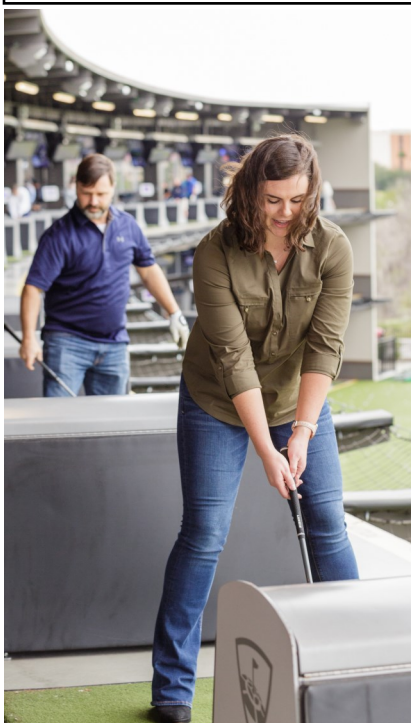
Jason Furtah



Aaron Pitrago



Michael Koppenhaver



Cassandra Yurick



Rachel Romich's son, Jedidiah



Dianne Curcio



Scott Hein and Don Parker



Paul Renaghan, Peter Nee, and Shay Garland