



Maritime Health Seminar 2014

Emergency duties of seafarers Stuart Greenfield



TMC LONDON (UK) - TMC SINGAPORE – TMC SHANGHAI – TMC AUSTRALASIA – TMC USA

Modern Ships – Container Ship

400m long carries 18,340 containers

Value - Ship: \$185 Million - Cargo:\$275 Million



Traditional Seafarers

- Deck and Technical Officers and Ratings
- Container Ship - Typically 22
 - Captain
 - 3 Watch keepers
 - 6 Seamen
 - Chief Engineer
 - 3 Engineer/Electrical Officers
 - 3 Fitters
 - 3 Motormen
 - 2 Cook/Stewards
 - Cadets (under training)



Modern Ships

Cruise ship 361m long - 5,400 Passengers

Value - Ship: \$1.4 Billion



Traditional Seafarers

- Deck and Technical Officers and Ratings
- Cruise Ship – Around 90
 - Captain
 - 4 Day work officers
 - 6 Watch keepers
 - 30 Seamen
 - 10 security staff
 - Chief Engineer
 - 15 Engineer/Electrical Officers
 - 30 Technical Crew
 - Cadets (under training)



Non-Traditional Seafarers

- Hotel and Entertainment Staff
- Largest Cruise Ship – Around 2,290
 - Hotel Officers
 - Waiters
 - Bar Staff
 - Chefs and Galley Staff
 - Back of House Staff
 - Cabin Stewards
 - Entertainers
 - Shop Staff
 - Beauticians
 - Casino Staff



Traditional Seafarers Emergency Duties

- Deck and Technical Officers and Ratings

- FIRE PARTY

- Very strenuous
- Exhausted after 30 minutes
- Heat can be an issue



Traditional Seafarers Emergency Duties

- Deck and Technical Officers and Ratings

- Wearing

- A fire suit
- CABA
- Fire Helmet



Traditional Seafarers Emergency Duties

- Deck and Technical Officers and Ratings
- May have to recover casualties
- From confined spaces
- Only two persons to lift



Traditional Seafarers Emergency Duties

- Deck and Technical Officers and Ratings

- Ratings are awaiting tasks which could include:

- Carrying CABA bottles
- Closing fire dampers
- Acting as back up
- Technical tasks
- Rigging and operating hoses



Traditional Seafarers Emergency Duties

- Deck and Technical Officers and Ratings
- Boat Preparation
- Boat Crew
- Launching Boats



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
 - Forming part of a lifeboat crew
 - Will be required to help up to 140 passengers





Non-Traditional Seafarers Emergency Duties

■ Hotel and Entertainment Staff

- Can perform a number of tasks mainly relating to looking after the passengers but a number of them involve physical effort.
 - Boundary Cooling using heavy hoses
 - Stretcher party with possible heavy casualties
 - Messengers having to go up and down up to eighteen decks on foot
- Emergency duties can change whilst onboard
- Crewmember will not know their emergency position until they board
- All crew have to be assigned an emergency duty (SOLAS requirement)

- We will now see some pictures of Hotel Crew performing emergency tasks (With thanks to Princess Cruises)

Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
 - Can form part of the lifeboats crew
 - Here helping to push the lifeboat away from the ships side



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
 - Preparing Liferafts



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
 - Pulling on lines preparing a liferaft



Non-Traditional Seafarers Emergency Duties

■ Hotel and Entertainment Staff

- Stairway Guides
- In pairs or alone
- Assisting passengers
- Keeping calm
- Looking confident



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
- In charge of a Muster Station
- Up to 800 passengers



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
- Here “guiding” 50 passengers to the lifeboats from the Muster Station



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
 - Moving a disabled “passenger”
 - Using an Evacu8 chair
 - Easy on a level surface



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
 - Harder work on a stair
 - Lifts may be out of action



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff

- Boundary Cooling
- Hoses are “charged”
- Hoses are heavy
- Requires team work
- Water jet is powerful



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff

- Not all jobs are physically demanding
- His job is to search cabin
- Then report it is empty



Non-Traditional Seafarers Emergency Duties

- Hotel and Entertainment Staff
- Here we see a stretcher party evacuating an ill or injured person to a boat
- Stretcher party is made of mainly hotel staff



Non-Traditional Seafarers Emergency Duties

- DOCTORS and MEDICAL STAFF
 - May need to Triage
 - No emergency service to call
 - Limited resources





THANK YOU FOR YOUR TIME

Any Questions

