

# Andrea Rodriguez

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## **OBJECTIVE**

To apply the knowledge and experience I have gained in navigation, ship handling, and cargo operations for advancement in the maritime industry.

## **PROFILE**

- Nine years in the Maritime Industry as an officer in charge of a navigational watch including experience with towing, ammo, dry cargo, and liquid cargo handling operations.
- Experienced Mate committed to promoting a culture of good communication, teamwork and safety in the maritime industry.
- Well-rounded leader, with experience across many different Military Sealift Command platforms: (T-AKE Ammunition dry and liquid cargo ship, AH Hospital Ship, ARS Salvage Ship, ATF Fleet Ocean Tug, AO Underway Replenishment Oiler, LCC 6<sup>th</sup> Fleet USN Flagship)
- Engaged in several different MSC operations such as BALTOPS, KOA MOANA, and gained experience in different vessel transition periods as drydocking, MTA, VR, ROS to FOS, etc.
- Experience driving harbor tug boats in Texas including the Houston ship channel, Galveston, Freeport, and Texas City.
- PIC in Crowley Petroleum's ATB fleet standing a professional in-port cargo and at-sea watch from the east to west coast.
- Maritime professional and educator with strong administrative and interpersonal skills.

## **PROFESSIONAL EXPERIENCE**

**Texas A&M Maritime Academy, Galveston, TX**

**(January 2023-Present)**

### **Assistant Professor of the Practice, Marine Transportation**

- Courses taught: Global Maritime Safety and Distress System & Fast Rescue Craft

**G and H Towing Company, Galveston, TX**

**(December 2021-April 2022)**

### **Mate Trainee**

- Safely handling single and twin-screw harbor tug boats on ship assist jobs docking and undocking.
- Experience in navigating through congested and narrow waterways of the Houston Ship Channel and assisting vessels in Galveston and Texas City.
- Performed vessel maintenance and directed monthly drills with the boat crew.
- Assisted in the safe loading of diesel fuel from shore side facilities

**Crowley Petroleum - ATB Innovation and ATB Pride**

**(Sep 2020 – December 2021)**

### **Third Mate**

- PIC for various dangerous liquid cargoes in port, ensuring seamless and safe loads & discharges.
- Created voyage plans and professionally executed associated duties.
- Standing safe and attentive at sea watch along US coast and in various waterways such as the Mississippi river, Houston ship channel, and Panama Canal.
- Responsible for maintaining deck machinery

***Seabulk Tankers, Inc. - M/T Brenton Reef***

***(Jul 2020 – Aug 2020)***

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### **Able Bodied Seaman Relief**

- Physically made cargo hose connections for loading and discharging product.
- Attentively stood in-port cargo watches loading and discharging various products.
- Gauged cargo tanks, inspected cargo lines, and reported potentially hazardous situations to the Mate on watch.
- Assisted in lightering operation during ship-to-ship transfer of cargo
- Stood bridge watch while underway and at anchor
- Experienced helmsman successfully steered in/out of various Gulf ports in ballast and laden
- Responsible for tending lines, monitoring manifold gauges, pumps, and all connections during cargo watch
- Participated in all mooring operations

***G and H Towing Company, Galveston, TX***

***(October 2019-May 2020)***

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### ***MTO (Mate Training and Observation)***

- Gained experience in handling single and twin-screw harbor tug boats on ship assist jobs.
- Experience in navigating through congested and narrow waterways of the Houston Ship Channel and experience assisting vessels in Galveston, Texas City and Freeport TX
- Performed vessel maintenance and directed monthly drills with the boat crew.
- Completed Towing Officer Assessment Record sign offs for Near Coastal/Oceans and Great Lakes&Inland

***Military Sealift Command, Norfolk, VA***

***(September 2013-September 2019)***

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### ***Second Officer - USNS Cesar Chavez (T-AKE 14 Ordnance/dry and liquid cargo ship) (April 2018-March 2019)***

- Designated Qualification and Certification program Board Member. Appointed as Ordnance Receipt and Issue Officer, accounting for munitions and explosives, issuing, and receipting DD Form 1348's. Created and executed load plans for ordnance on/offload in port and at sea. For many weeks I took on all responsibilities of the Cargo Chief Mate in his unexpected absence,

successfully orchestrating connected replenishment (CONREP) of ordnance and fuel to USN ships. I was also head of the qualification and certification training program, ensuring that ship's crew and cadets were educated and certified in the safe handling of ordnance.

- PIC for countless tons of liquid load transfers to and from shoreside facilities and Navy ships via underway replenishment. Regularly topped off tanks in port, also supervised and directed licensed and unlicensed personnel during cargo loading operations. I also trained cadets and other mariners and assisted them in obtaining PIC letters.
- Responsible for ship's stability, utilizing the CargoMax program for load planning and to monitor stability for cargo operations and ballasting.
- Designated Shipboard Range Safety Officer (RSO)/ Small Arms Marksmanship Instructor conducting highly educational classroom training, and safe live fire exercises on the flight deck. Through patient and intuitive one on one training I helped crew members who were fearful of handguns and who had never passed qualifications prior, overcome their fear and insecurities to qualify and achieve certification to handle shipboard firearms.
- Designated Command Duty Officer (CDO)- Responsibility of having command authority in the event of an emergency with the absence of the Captain and First officer.
- Conning the ship in and out of ports and narrow waterways in Southeast Asia.
- Designated Flight Deck Officer(FDO) - directing helicopter operations and flight deck staging for Vertical Replenishment at sea. As FDO I maintained great situational awareness ensuring the safety of the crew as I managed their movements on deck operating fork trucks, hooking up loads and blocking&chaining down helicopters.

***Third Officer- USNS Pecos (T-AO 197 Oiler / Tankship)***

***(December 2017-March 2018)***

- Officer in charge of a navigational watch, enforcing Master's standing orders and force protection measures. As W/O I created voyage plans and ensured ECDIS, and RADAR were synchronized to display track, wheel over points, anchor circles, and other relevant data. I instructed junior Third Officers on proper ARPA use and ECDIS integration with the 3cm and 10cm RADARS. Trained Third Officers and cadets on use of other bridge equipment such as the Situational awareness System AKA "SAW", course recorder, anemometer, fathometer, Doppler, magnetic, and gyro compasses. Conducted several man overboard, steering casualty, and emergency maneuvering drills.
- Designated Range Safety Officer / Small Arms Marksmanship Instructor – qualifying ship's crew and military security detachment in shipboard firearms (pistol, shotgun, rifles).
- Successfully navigated and conned the ship through Singapore Straits. Also navigated and conned the ship while transiting in and out of ports in the Gulf of Aiden and Gulf of Oman.
- Stood watch in port during liquid cargo transfers, ensuring safe operations.
- Lifeboat and life raft commander; instructing crew on proper lifeboat and life raft launching procedures, lifeboat operation, and personal survival at sea. Repair Party Zone Commander with thorough knowledge of shipboard ventilation configuration and closures.

***Third Officer-USNS Alan Shepard T-AKE 3(Ammunition/dry and liquid cargo)***

***(Sept 2016 - Apr 2017)***

- Temporarily assigned to assist in preparations for ship wide SMART inspection, using SMART test memos for inspecting lifesaving equipment, shipboard ladders, oil and HAZMAT spill equipment, and environmental protection procedures to ensure vessel complied with all regulations.
- Designated Range Safety Officer
- Assisted Damage Control Officers with inspecting and testing AFF and FM 200 actuation stations, fire main pumps, watertight doors, fire-fighting stations, pilot ladders, FF & DC equipment, lifeboats, and shipboard cranes.

***Third Officer-USNS Matthew Perry T-AKE9(Ammunition/dry and liquid cargo) (June 2016 - Apr 2017)***

- Carried out responsibilities of Afloat Environmental Protection Coordinator(AEPC), while maintaining Oil Spill locker and SOPEP. Trained watch officers on required reports and notifications regarding fuel spills. Thoroughly trained and prepared personnel for an Environmental Protection Assist Visit (EVAP).
- Acquired Tankerman PIC while supervising transfer of over 100,000bbl of DFM and JP5.
- 0400-0800/1600-2000 Watch Officer in 7th fleet, frequenting high-density trafficked areas such as Singapore, South China Sea, Philippine Sea, etc., enforcing the Master's Standing Orders and making timely reports and traffic maneuvering decisions.

***Third Officer- USNS Salvor (T-ARS 52 Salvage Ship) (Dec 2015 - Apr 2016)***

- 0400-0800/ 1600-2000 Watch Officer regularly docked, undocked and conned the ship in pilotage waters under supervision of the Captain. I also supported helicopter wreckage recovery operations by station keeping, using rudder and throttle commands to keep the vessel on station -in reference to a single spot on the sea floor; keeping the ship within meters of its original position for an entire watch.

***Third Officer- USNS Lewis & Clark (T-AKE 1 dry/ammo/liquid cargo Ship) (May 2015 - Oct 2015)***

- Facilitated work and safe practices with contractors during a 3 month long shipyard period. Highly engaged in the successful operation of Koa Moana 15, a multi-national armed forces exercise, working hand in hand with the US Armed Forces and the nations of French Polynesia, Fiji, Kiribati, Vanuatu, and Timor-East.

***Third Officer - USNS Sioux (T-ATF 171 Fleet Ocean Tug) (Nov 2014 – Apr 2015)***

- Executed Fire Marshall duties i.e. Inspections of all SOLAS, Fire Fighting, and Damage Control equipment and shipboard systems. Testing and inspection of all navigational equipment including but not limited to: Infrared signaling devices, RADAR, GMDSS, ECDIS, gyro compass, etc. Regularly updated electronic charts to the ECDIS. Maintained paper charts, updating them to the most current NTM and LNTM on a weekly basis. Conducted wall to wall chart inventory for hundreds of world-wide charts. Performed duties as Navigator for several voyages, creating complete voyage plans, inputting data into the ECDIS and conducting Navigation Briefs. Safely and regularly conned the ship and docked/undocked in Naval Base San Diego and Pearl Harbor.
- Completed MSC Towing Officers Assessment Record (TOAR) Book

***Third Officer - USS Mount Whitney LCC-20***

***(Jan 2014 - Aug 2014)***

- 0000-0400/ 1200-1600 Watch Officer, Liferaft commander, Repair locker leader, and Chemical/Biological/Radiological defense officer(CBRD-O) ensuring emergency protective equipment was ready for the use of over 900 personnel onboard.
- Conned the ship through many narrow water ways and high density traffic situations such as: the English Channel, Turkish Straits (Dardanelles and Bosporous), Black Sea, Straits of Messina, and Danish Belts. Conned the ship while anchoring, and worked closely with harbor pilots while conning in and out of the ports of Gaeta, Italy; Lisbon, Portugal; and Kiel, Germany(during Kiel Week, the largest sailing event in the world).
- Displayed good ship handling skills while station keeping IVO Sochi, Russia in support of the 2014 Olympic Games.

***Third Officer - USNS Mercy T-AH 19***

***(Nov 2013 - Nov 2013)***

- Temporarily assigned to USNS Mercy to assist in bringing the ship out of reduced operation status in preparation for disaster relief. Also assisted USCG personnel with shipboard drills and inspections.

***Deck Cadet – American Roll On Roll Off Co.(ARC)***

***(Jun 2013 - Aug 2012)***

- Deck cadet aboard M/V Endurance where I gained experience in lashing/loading/unloading various types of vehicles. Also heavily involved in clearing the vessel in various countries with port customs.

***Deck Cadet – (USNS Shasta T-AE 33 Ammunition Ship)***

***(Jun 2010 – Aug 2010)***

- Immersed in all aspects of shipboard operations including blocking and bracing, loading and transferring cargo with the ship's booms, standing engine room watches, completing celestial navigation projects, assisting in inspections.

***EDUCATION***

Texas A&M University at Galveston

Bachelor of Science in Marine Transportation with a minor in Maritime Administration. (May 2013)

**TRAINING**

Title of Course	Date Completed
54.5 Hour Specialized training for Liquefied Gas Tankers	06 <sup>th</sup> May 2010
Global Maritime Distress & Safety Systems (GMDSS)	30 May 2013
NAVOSH- Afloat Safety & Occupational Health	30 Sept 2013
Chemical, Biological, and Radiological Defense Officer	01 Oct 2013
Nautical Institute Dynamic Positioning Basic Operator	19 Sept 2014
MSC Tow Training	17 Oct 2014
Magazine Sprinkler Maintenance and repair	16 Apr 2015
Code for Unplanned Encounters at Sea (COUES)	10 Feb 2016
Leadership and Teamwork Skills	10 Jun 2016
Electronic Chart Display and Information System (ECDIS)	17 Jun 2016
Shipboard Security Tactics (SST)	24 Aug 2016
Fall Protection Authorized Person/End User	26 Aug 2016
T-AKE Crane Operator and Safety Observer	30 Aug 2016
Helicopter Control Officer (HCO)	04 Nov 2016
Fast Rescue Boat (FRB)	21 Mar 2017
Small Arms Instructor (SAMI)	02 Jun 2017
Advanced Fire Fighting	17 Aug 2017
SHT Shiphandling Training with Simulator	18 Aug 2017
Operational Risk Management	30 Aug 2017
Fall Protection Authorized Rescuer	27 Oct 2017
Basic Training Refresher	08 Nov 2017
Cardiopulmonary Resuscitation Basic (CPR & AED)	08 Nov 2017
Basic First Aid	08 Nov 2017
Gas Free Engineer (GFE)	16 Nov 2017
Environmental Programs	08 Dec 2017
Damage Control	08 Dec 2017
Helicopter Fire Fighting	08 Dec 2017
Marine Species Awareness Training	08 Dec 2017
Trafficking in Persons Awareness	08 Dec 2017
Bridge Resource Management	11 Apr 2018
Breath Alcohol Technician	10 Aug 2018
Advanced Ship Handling	07 Jun 2019
Advanced Stability	14 Jun 2019
Advanced Meteorology	28 Jun 2019
Search and Rescue (Management Level)	02 Jul 2019
Management Of Medical Care	03 Jul 2019
Leadership and Managerial Skills	11 Jul 2019

**OTHER SKILLS**

Multi-lingual: English (Native); Spanish (competent); French (beginner)