

GEORGE E. EDENFIELD

EXPERIENCE

Texas A&M University at Galveston

DEPARTMENT HEAD, DEPARTMENT OF MARITIME TRANSPORTATION AND PROFESSOR OF THE PRACTICE 2023 - Present

- Leads and establishes a good working rapport with members of the Department, other Departments and University management.
- Responsible for developing or recommending educational policies; analyzing and evaluating educational data, practices, and trends; developing and evaluating curricula; preparing and evaluating schedules; and planning and directing the work of the Department.
- Ensures departmental course offerings, instructional programs, and other activities are up-to-date, properly scheduled, effectively taught, supported with necessary equipment and services, and periodically reviewed and evaluated.
- Exercises delegated responsibility for position management; selection and assignment of subordinates; performance evaluation; employee training and development; employee recognition; management-employee communications; safety; and equal employment opportunity.
- Courses taught: MART 410 IN3 Bridge Resource Management.

U.S. Merchant Marine Academy

PROFESSOR 2003 - 2023

- Promoted to Professor - July 2013.
- Courses developed: Introduction to Offshore Wind Operations, Combined Basic & Advanced Low Flash Point Fuel Operations Course (IGF Code/LNG Fuel), Advanced Liquefied Gas Cargo Operations.
- Courses taught: Combined Basic & Advanced Low Flash Point Fuel Operations Course (IGF Code/LNG Fuel), Advanced Liquefied Gas Cargo Operations, Liquid Cargo Operations, Dry Cargo Operations, Integrated Navigation – ECDIS, Bridge Resource Management, SOLAS, Introduction to Navigation Law, Electronic Navigation, Maritime Professional Studies, Terrestrial Navigation, Seamanship & Ship handling, Celestial Navigation.
- Utilize assessments and metrics to define performance, skill, and knowledge to validate course and program outcomes and knowledge transfer.
- Develop courses to fulfill national and international requirements, including STCW and other conventions, of training and assessment.
- Maintain and update current courses to ensure subject matter validity and regulatory compliance.
- Assistant Head of Department, Nautical Sciences Division, Department of Marine Transportation - November 2006 – 2009.
- Responsible for preparing and evaluating schedules for courses and facilities usage for 450 students and 30 faculty members per term in Nautical Sciences.
- Chaired or served on various Marine Transportation Department and Faculty Forum Committees, member of the Superintendent's Incentives Awards Committee, Human Relations Committee, Admissions Candidate Evaluation

- Administer and promote the Academy's Internship program.
- Counsel Midshipmen regarding career search strategies and options.
- Expand shipping opportunities for Midshipmen to complete sea service requirements.

PROFESSIONAL EXPERIENCE

Sabine Transportation Company, Inc.

MASTER 2000 - 2002

- Responsible for the safe and efficient operation of a 37807 LT DWT non-petroleum tankship engaged in the coastwise carriage of noxious dangerous liquid substances.
- Performed all agency duties coordinating pilots, tugs, line handlers, berthing, safe anchorage, and storing for the continued efficient operation of the vessel in port.
- Maintained relationships and communications with charterers, terminal representatives, contractors and government agencies.
- Responsible for vessel compliance with all ISM, IMO, USCG, STCW, and CFR regulations including implementation and maintenance of the ABS-SAFENET system.
- Planned and supervised safe and efficient transfer of bulk grain aboard tank vessels as Chief Mate on the MV Sea Princess.

George E. Edenfield

MARINE CONSULTANT 1999 – Present

- Developed USCG-Approved SUNYDP-508 Tank Ship Liquefied Gases (2019) and SUNYDP-807 Combined Basic and Advanced Low Flashpoint Fuel Operations (2020) for SUNY Maritime College.
- Responsible for the safe navigation of NASSCO new buildings as Bridge Watch Officer/Chief Officer during Sea Trials since 2002.
- Selected as a qualified instructor for Germanischer Lloyd Academy.
- Serve as Pollution Control Representative during petroleum cargo transfers.
- Conduct barge and tug safety audits.
- Conduct STCW Certificate Basic Safety Training courses for industry personnel.
- Instruct Tankships DL (PIC) and NOAA basic officer training at USMMA.
- Adjunct Assistant Professor at USMMA – 1999 - 2000.

OSG Bulkships, Inc.

CHIEF MATE, SECOND MATE, THIRD MATE 1990 - 1999

- Supervised shipboard operations as Chief Mate, Second Mate and Third Mate.
- Planned and supervised safe and efficient transfer of bulk petroleum products aboard vessels of 37k DWT, 42k DWT, 62k DWT, and 90k DWT.
- Planned and supervised safe and efficient transfer of bulk grain aboard tank vessels as Chief Mate.

Maritime Overseas Corporation

ASSISTANT MANAGER, LABOR RELATIONS 1986 – 1990

- Administer pension and welfare plans for U.S.-flag deck officers.
- Assisted in development and implementation of industry-wide drug testing program.
- Assisted in development of 401(K) plan for U.S.-flag deck officers.

Prudential Lines, Inc.

MANAGER, LABOR RELATIONS 1986 – 1986

MANAGER, PORT OPERATIONS 1982 – 1986

MANAGER, CARGO OPERATIONS 1981 - 1982

MANAGER, VESSEL SCHEDULING & OPERATIONAL COORDINATION 1980 – 1981

OPERATIONS ANALYST 1980 - 1980

Stolt-Nielsen, Inc.

SHIP OPERATOR/THIRD MATE 1979 – 1980

EDUCATION

MASTER OF ARTS, TRANSPORTATION AND LOGISTICS MANAGEMENT

Concentration: Transportation Security

American Military University - American Public University System
2013

BACHELOR OF SCIENCE, MARINE TRANSPORTATION

United States Merchant Marine Academy

Kings Point, New York

1979

PROFESSIONAL TRAINING

Function and Operation of the WTIV and Support Vessels, 2022 – Maritime Training Academy – U.K. – Diploma in Offshore Operations
Health and Safety for the Offshore Renewable Industries, 2022 – Maritime Training Academy – U.K. – Diploma in Offshore Operations
8 - Introduction to Offshore Legislation and Governing Bodies, 2022 – Maritime Training Academy – U.K. – Diploma in Offshore Operations
An Introduction to Energy Efficient Ship Operation, 2021 - IMO
COVID-19 Contact Tracing – John Hopkins University via *coursera.org*
Combined Basic & Advanced Low Flash Point Fuel Operations Course (IGF Code/LNG Fuel), 2017 – AMO STAR Center
Liquefied Gas Tanker (Membrane) Cargo Operations Simulator, 2016 – AMO STAR Center
Tank Ship Liquefied Gases, 2016 – AMO STAR Center

Conducting Mariner Assessments (QA), 2015 - MITAGS
Vessel Personnel with Designated Security Duties (VPDSD), 2014 – MITAGS
Maritime Labor Convention, 2006 - MITAGS
Electronic Chart Display Information Systems (ECDIS) - GMATS
SHIPBOARD MEDICAL PIC - Maine Maritime Academy
FAST RESCUE BOAT - GMATS
TRANSAS ECDIS ORIENTATION - USMMA
Maritime Academy Simulator Course TRAIN THE TRAINER – MMA
TRAIN THE TRAINER – GMATS
NATIONAL SEALIFT TRAINING PROGRAM – GMATS

LICENSES & CERTIFICATES

- MASTER OF ANY GROSS TONS UPON OCEANS
- TANKSHIPS/LIQUEFIED GAS (LG) - PIC
- TANKSHIPS/DANGEROUS LIQUIDS (DL) – PIC
- BASIC LOW FLASH POINT FUEL OPERATIONS (IGF CODE/LNG FUEL)
- LEADERSHIP AND MANAGERIAL SKILLS
- QUALIFIED ASSESSOR
- VESSEL PERSONNEL WITH DESIGNATED SECURITY DUTIES (VPDSD)
- ECDIS
- GMDSS RADIO OPERATOR/MAINTAINER
- SHIPBOARD MEDICAL PIC

USCG LICENSE EXPERIENCE

- NASSCO Sea Trials – Senior Bridge Watch Officer – USNS MIGUEL KEITH, USNS HERSCHEL WILLIAMS, MT PALMETTO STATE, MT BAY STATE
- LNG – LNGC SERI AMANAH
- NASSCO Sea Trials – Senior Bridge Watch Officer – MT GARDEN STATE, MT MAGNOLIA STATE, MV PERLA del CARIBE, MT LONE STAR STATE, MV ISLA BELLA, USNS LEWIS B. PULLER
- NASSCO Sea Trials – Bridge Watch Officer – USNS JOHN GLENN, USNS MONTFORD POINT, USNS CESAR CHAVEZ, USNS MEDGAR EVERS, USNS WILLIAM MCLEAN, USNS WASHINGTON CHAMBERS, MT EVERGREEN STATE, MT EMPIRE STATE, USNS CHARLES DREW, USNS MATTHEW PERRY, MT SUNSHINE STATE, USNS WALLY SCHIRRA, MT PELICAN STATE, USNS CARL BRASHEAR, MT GOLDEN STATE, USNS AMELIA EARHART, USNS ROBERT E. PEARY, USNS RICHARD E. BYRD, USNS ALAN SHEPARD, USNS SACAGAWEA, USNS LEWIS AND CLARK, MV ALASKAN LEGEND, MV ALASKAN NAVIGATOR, MV ALASKAN EXPLORER, MV ALASKAN FRONTIER, MV MIDNIGHT SUN, MV NORTH STAR, USNS SODERMAN.
- MTBE – SS LEADER – **MASTER**
- Product – MT OVERSEAS PHILADELPHIA, MT OVERSEAS NEW ORLEANS, ST OVERSEAS VALDEZ, ST OVERSEAS ALICE
- Crude – ST OVERSEAS CHICAGO, ST OVERSEAS NEW YORK, ST OVERSEAS OHIO, ST OVERSEAS ARCTIC, ST OVERSEAS ALASKA
- Bulk Grain – MV SEA PRINCESS, ST OVERSEAS ARCTIC, MV OVERSEAS

MARILYN

- Chemicals – STOLT AVENIR, STOLT COMMITMENT, STOLT INTEGRITY

PUBLICATIONS & PRESENTATIONS

Edenfield, George E., et al, "Working Group 3 Report on Model Courses 7.13 and 7.14" IMO HTW 6, London, UK, May 2019.

Edenfield, George E., et al, "Group 1 Report on Model Courses 1.08 and 1.34" *IMO HTW 5*, London, UK, July 2018.

Edenfield, George E., et al, "Group 1 Report on Model Courses 1.30, 3.12, 6.09, and new Basic training and Advanced training for ships operating in polar waters" *IMO HTW 4*, London, UK, February 2017.

Edenfield, George E., et al, "Group 1 Report on Model Courses 1.02, 1.03 and 1.05," *IMO HTW 2*, London, UK, February 2015.

Edenfield, George E. "From Maritime Education to Transportation Education – Changing the Teaching Paradigm: An Invitation for Discussion". Presented at the 2014 Maritime Education Summit at Maine Maritime Academy on October 18, 2014.

Edenfield, George E., et al, "Group 1 Report on Model Courses 1.01, 1.02, 1.04 and 1.05," *IMO HTW 1*, London, UK, February 2014.

Edenfield, George E., et al, "MERPAC Working Group Report on the Maritime Labor Convention, 2006," *MERPAC Convention*, September 2013.

Edenfield, George E., et al, "Group 2 Report on Model Courses 7.01, 7.02, 7.03 and 7.04," *IMO STW 44*, London, UK, May 2013.

Edenfield, George E., et al. "Simulator Training at USMMA." *Marine Technology* July 2012: 65-68.

Huber, Mark E. *TANKER OPERATIONS, A Handbook for the Person-In-Charge (PIC)*. Atglen: Schiffer Publishing Ltd., 2010: ix, 4, 84, 137, 168, 228.

AWARDS, HONORS AND OTHER NON-TEACHING ACHIEVEMENTS

Member U.S. delegation IMO MSC107 (virtual) – May - June 2023.

Member U.S. delegation IMO HTW09 – February 2023.

Member U.S. delegation IMO MSC106 (virtual) – November 2022.

Member U.S. delegation IMO MSC105 (virtual) – April 2022.

Member U.S. delegation IMO HTW08 (virtual) – February 2022.

Member U.S. delegation IMO MSC104 (virtual) – October 2021.

Member U.S. delegation IMO HTW07 (virtual) – February 2021.

USCG Public Service Commendation – September 2023.

Federal Academy Member of the U.S. Coast Guard National Merchant Marine Personnel Advisory Committee (NMERPAC) – appointed August 2021. Elected Vice Chair.

Maritime Administration Individual Bronze Medal Award for Superior Achievement – The Bronze Medal is the highest award granted by the Maritime Administration and recognizes unusual initiative or skill in the development of new or improved work methods and procedures, concepts, or inventions which result in substantial savings in time, space, materials, or other items of expense. December 2020.

USCG Public Service Commendation – September 2020.

Vice Chair of the U.S. Coast Guard Merchant Marine Personnel Advisory Committee (MERPAC) – effective March 2018-December 2020.

Acting Chair of the U.S. Coast Guard Merchant Marine Personnel Advisory Committee (MERPAC) – effective July 2017-March 2018.

Federal Academy Member of the U.S. Coast Guard Merchant Marine Personnel Advisory Committee (MERPAC) – March 2013-December 2020.

2018 – Successfully chaired Drafting Group 3 at IMO HTW05 to acceptance of two Model Courses, revise the text in paragraph 1.5 of the Revised guidelines (MSC-MEPC.2/Circ.15, annex 1) to reflect the decision made in plenary with regards to the inclusion of timetables in model courses, and to write terms of reference/course developer instructions for two Model Courses for submission for validation at HTW07.

2017 – Successfully chaired Drafting Group 1 at IMO HTW04 to acceptance of five Model Courses and to write terms of reference/course developer instructions for six Model Courses for submission for validation at HTW05.

2016 – Chaired sub-group of Drafting Group 1 at IMO HTW03 to write terms of reference/course developer instructions for 11 Model Courses for submission for validation at HTW04.

2015 – Successfully chaired Drafting Group 1 at IMO HTW02 to acceptance of two Model Courses – Advanced Oil Tanker Cargo Operations and Advanced Liquefied Gas Tanker Cargo Operations.

2014 – U.S. Department of Transportation “Transportation Safety Award” – U.S. Merchant Marine Academy Curriculum Team. For demonstrated superior performance while reengineering the academic curriculum to incorporate new international regulations at the United States Merchant Marine Academy.

2014 – Chaired IMO/USCG Intercessional Correspondence Group on Advanced Tanker Model Courses for Oil Tanker Cargo Operations and Liquefied Gas Tanker Cargo Operations.

2013 – Maritime Administration Bronze Medal Team Award – USMMA STCW Curriculum Team. The Bronze Medal is the highest award granted by the Maritime Administration and recognizes unusual initiative or skill in the development of new or improved work methods and procedures, concepts, or inventions which result in substantial savings in time, space, materials, or other items of expense.

2013 – Successfully chaired Drafting Group 1 at IMO HTW01 to acceptance of two Model Courses – Basic Training for Oil & Chemical Tanker Cargo Operations and Basic Training for Liquefied Gas Tanker Cargo Operations.

2012 - Successfully chaired Drafting Group 2 at IMO STW44 to acceptance of four Model Courses – Master/Chief Mate, Chief/Second Engineer, OICNW, and OICEW.

2010 – Received USMMA Superintendent’s Commendation in recognition of successfully preparing the USMMA for the MARAD/NMC External STCW Audit.

2009 – Received USMMA Alumni Outstanding Professional Achievement Award.