

## **CURRICULUM VITA**

### **CAPT. GREGORY C. DALEY**

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### **EDUCATION**

- B.S. (Mechanical Engineering), Massachusetts Institute of Technology (MIT), 1974
- Pi Tau Sigma, Honorary Mechanical Engineering Society
  - Tau Beta Pi, Honorary Engineering Society
  - Scott Paper Company Award for Leadership (one awarded per year at MIT)
- M.S. (Mechanical Engineering), Massachusetts Institute of Technology (MIT), 1974
- M.S. (Nuclear Engineering), Massachusetts Institute of Technology (MIT), 1974
- M.B.A. (Finance), Oklahoma State University, 1982

### **LICENSES & CERTIFICATES**

#### U. S. and Vanuatu Deck Officer Licenses and STCW Certificates

- Master, Unlimited Tonnage, Oceans, Self Propelled Vessels (not sail)
- DPO Unlimited (see below)
- Master, Oceans, Auxiliary Sail, 100 U. S. Gross Domestic Tonnage
- GMDSS FCC License (Global Maritime Distress & Safety Systems)
- ARPA and Radar Observer, Unlimited
- VSO – Vessel Security Officer
- Falck Alford- HUET certificate (Helicopter Underwater Egress Training)
- Safe Gulf Certificate
- British Petroleum – License to Go Offshore
- Falck Alford– Crane operator, API RP 2D Certificate
- Falck Alford– Rigger, API RP 2D Certificate
- Marine Professional Training, Ft. Lauderdale, FL – ECDIS Certificate
- MSC Certificate - Electric & Diesel Forklifts

#### DP – Dynamic Positioning - Nautical Institute

- DPO (Dynamic Position Operator), Unlimited Certificate, Nautical Institute, London
  - DP2 – 416 days, DP1 – 1,107 days, Total DP – 1,523 days
  - Z-Drive – 1,303 days

#### STCW qualified in accordance with the following provisions of the regulations

- II/1; II/2; II/3, II/4; II/5; IV/2; VI/1; VI/2; VI/3; VI/4; VI/5; VI/6

#### Registered Professional Engineer

- Registered Professional Engineer – Texas – Inactive
- Registered Professional Engineer – Oklahoma – Lapsed

#### Federal Aviation Administration (FAA) - Pilot License

- ATP, Single & Multi-Engine (Learjet & B-737 captain ratings)
- Commercial License, Gliders

## PROFESSIONAL ORGANIZATIONS

Member, SNAME, Society of Naval Architects and Marine Engineers, United States  
Associate Fellow, The Nautical Institute, London, United Kingdom  
Professional Member, American Society of Safety Engineers, United States

## EMPLOYMENT

2016-Present, Principal Consultant, International Maritime Consultancy, Lafayette, LA

- Provide maritime consulting services regarding operations, safety, navigation, regulatory compliance and accident investigation.

2006-2016, Captain, Tidewater Marine LLC, New Orleans, LA

- PSV Support of Drillship Noble Tom Madden (Freeport McMoran), Rowan Relentless (Freeport McMoran) and Horn Mountain Production Facilities (BP)  
Gulf of Mexico, MC 127 (2015, 2016):
  - Captain, *PSV Miss Marilene Tide*
    - DP2, Z-Drive; 4,156 ITC Tons, 6,100 Tons Displacement
  - Offloaded and backloaded cargo, dry bulk & liquid bulk to & from a Drillship & a semi-submersible in the Gulf of Mexico, Mississippi Canyon 127, 80 miles offshore Louisiana.
- PSV Support of Drillship West Auriga (BP) and Development Driller III (BP),  
Gulf of Mexico, GC 743 (2015):
  - Captain, *PSV PAT TILLMAN*
    - DP2, Z-Drive; 2,183 ITC Tons, 4,880 Tons Displacement
  - Offloaded and backloaded cargo, dry bulk & liquid bulk to & from a Drillship & a semi-submersible in the Gulf of Mexico, Green Canyon 743, 90 miles offshore Louisiana.
- PSV Support of Drillship Stena Forth (Hess),  
Gulf of Mexico, MC 726 (2014):
  - Captain, *PSV KEN C TAMBLYN*
    - DP2, Z-Drive; 3,183 ITC Tons, 6,563 Tons Displacement
  - Offloaded and backloaded cargo, dry bulk & liquid bulk to & from a Drillship in the Gulf of Mexico, Mississippi Canyon 726, 45 miles offshore Louisiana.
- PSV Support of Baker Hughes Frac Operations (Hess),  
Offshore Equatorial Guinea, Africa (2012, 2013, 2014):
  - Master, *PSV ART CARLSON & PSV WILLIAM C HIGHTOWER*
    - DP2, Z-Drive; 3,183 ITC Tons, 6,563 Tons Displacement
  - Acidize, gravel pack, frac and treat wells 20 miles offshore Bata, Equatorial Guinea alongside semi-submersible drill rig *MV OCEAN VALIANT* (Hess Oil Co.). Based in Luba, island of Bioko. 12 Baker workers aboard in addition to 17 boat crew members. Requires long DP holding while pumping 10,000 psi fluids into well.
- PSV Support of drillship *MV DEEPWATER MILLENNIUM* (Tullow Oil), Offshore Ghana, Africa (2011):
  - Master, *PSV ART CARLSON*
    - DP2, Z-Drive; 3,183 ITC Tons, 6,563 Tons Displacement
  - Offloaded and backloaded cargo, dry bulk & liquid bulk to & from a Drillship in Tullow Oil's Tano field in far southeastern waters of Ghana.
- PSV Support of Pride Cabinda (Perenco), Offshore Kribi, Cameroon, Africa (2011):
  - Master, *PSV DALFREY TIDE*
    - DP1, Z-Drive; 1313 ITC Tons
  - Offloaded and backloaded cargo, dry bulk & liquid bulk to & from a jackup rig in Perenco's Moudi field in the southern waters of Cameroon.
- PSV Dry-dock Supervision, Walvis Bay, Namibia, Africa (2011):
  - Master, *PSV DALFREY TIDE*
    - DP1, Z-Drive; 1313 ITC Tons

- Complete dry-dock cleaning and hull painting and various repairs and improvements in preparation for US Coast Guard annual inspection.
- PSV Support of Perenco Moudi Field, Cameroon, Africa (2011):
  - Master, *PSV BOURGEOIS TIDE* based in Douala, Cameroon
    - DP1, Z-Drive; 1624 ITC Tons, 3,592 Tons Displacement
  - Offloaded and backloaded cargo from a supertanker FPSO and fixed platform in Perenco's Moudi field in the northwestern waters of Cameroon on the Nigerian border.
  - Utilized an extensive, successful anti-piracy program for operations in high piracy risk waters.
- PSV Support of Shell-Pecten Mokoko-Abana Field, Cameroon, Africa (2011):
  - Master, *PSV BOURGEOIS TIDE* based in Douala, Cameroon
    - DP1, Z-Drive; 1624 ITC Tons, 3,592 Tons Displacement
  - Offloaded and backloaded cargo for 12 different installations in Shell-Pecten's Mokoko-Aban field in the far northwestern waters of Cameroon on the Nigerian border.
  - Developed and utilized an extensive, successful anti-piracy program for operations in high piracy risk waters.
- PSV Support of Frac Operations, Ghana Africa (2010):
  - Second Captain (training for 6,000 OSV Master), *PSV KEN C TAMBLYN*, based in Takoradi-Sekondi, Ghana
    - DP2, Z-Drive; 3,180 ITC Tons, 6,563 Tons Displacement
  - Provided platform for Baker Hughes equipment to high pressure frac offshore wells.
  - Frac operations in Ghana for Tullow Oil in the Jubilee field near Côte d'Ivoire border 20 miles offshore, while based out of Takoradi-Sekondi Naval Base.
- PSV Support of Frac Operations, Equatorial Guinea, Africa (2010):
  - Second Captain (training for 6,000 OSV Master), *PSV KEN C TAMBLYN*, based in Luba, Equatorial Guinea
    - DP2, Z-Drive; 3,180 ITC Tons, 6,563 Tons Displacement
  - Provided platform for Baker Hughes equipment to high pressure frac offshore wells.
  - Frac operations offshore Equatorial Guinea for Exxon- based in Luba.
- PSV Support of Semi-submersible drilling rigs, Equatorial Guinea, Africa (2010):
  - Master, *PSV BOURGEOIS TIDE* based in Malabo, Equatorial Guinea
    - DP1, Z-Drive; 1624 ITC Tons, 3,592 Tons Displacement
  - Delivered cargo, liquid bulk & dry bulk to Noble Energy's semi submersibles *MV ATWOOD HUNTER* and *MV PRIDE SOUTH PACIFIC* located between Bioko and Cameroon.
  - Master in charge of annual USCG inspection in Cameroon – CG-835 issues resolved without vessel downtime.
- PSV Support of Jackup Rig, Gabon, Africa (2010):
  - Master, *PSV DALFREY TIDE*, based in Port Gentil, Gabon
    - DP1, Z-Drive; 1313 ITC Tons
  - Delivered cargo, liquid bulk & dry bulk to CNR (Canadian Natural Resources) jackup rig located 150 miles south of Port Gentil, Gabon.
  - Master in charge of annual USCG inspection in Cameroon – CG-835 issues resolved without vessel downtime.

- PSV Support of Drillship, Moçambique, Africa (2009):
  - Master, *PSV GUBERT TIDE*, based in Pemba, Moçambique
    - DP2, Z-Drive, 2,308 ITC Tons, 5,007 Tons Displacement
  - Delivered cargo, liquid bulk & dry bulk to Anadarko's drillship *MV BELFORD DOLPHIN* 20 miles offshore the border of Tanzania and Mozambique.
  - In command of six Mozambique Marines armed with AK-47's and 3 South African Security Consultants on board to guard against Somali pirates in the area.
  - Master in charge of ABS annual inspection – no issues.
- PSV Support of drillship *MV BELFORD DOLPHIN*, Sierra Leone, Africa (2009):
  - Master, *PSV GUBERT TIDE*, based in Abidjan, Côte d'Ivoire, 580 miles away
    - DP2, Z-Drive; 1,308 ITC Tons, 5,007 Tons Displacement
  - Delivered cargo, liquid bulk & dry bulk to Anadarko's drillship *MV BELFORD DOLPHIN* at Venus B-1 location offshore Sierra Leone.
- FSV Support of Devon's drillship *MV BLUEWATER DISCOVERY*, São Luís, Maranhão, Brazil (2008, 2009):
  - Master, *FSV FARIDAH TIDE*, based in São Luís, Maranhão, Brazil
    - DP1, Azimuth Bow Thruster; 494 ITC Tons, 1300 Tons Displacement
  - Delivered cargo & liquid bulk to Devon's drillship *MV BLUEWATER DISCOVERY* 90 miles north of São Luís, Maranhão, Brazil.
  - 2 to 3 knot currents at location.
  - 20 foot tides and 6 knot currents at shore base.
- FSV Support of Esso's drillship *MV WEST POLARIS*, Rio de Janeiro, Brazil (2008):
  - Master, *FSV JO LYNNE TIDE*, based in Niteroi, Brazil
    - DP1, Azimuth Bow Thruster; 494 ITC Tons, 1300 Tons Displacement
  - Delivered cargo & liquid bulk to Esso's drillship *MV WEST POLARIS* 200 miles south of Rio de Janeiro, Brazil.
  - Shore base located in Niteroi, Brazil
- FSV Support of Exxon's drillship *MV ERIK RAUDE*, Port Fourchon, LA, Gulf of Mexico (2008):
  - Second Captain, *FSV JO LYNN TIDE*, based in Port Fourchon, LA
    - 494 ITC Tons, 1300 Tons Displacement ; DP1, Azimuth Bow Thruster
  - Delivered cargo & liquid bulk to Exxon's Semi-submersible *MV ERIK RAUDE* 200 miles south of Port Fourchon, LA.
  - Second Captain, *PSV DELATTE TIDE*, 1103 ITC Tons
- OSV Support of PEMEX Platforms & Derrick Barges, Bay of Campeche, Mexico (2007 – 2008):
  - Master, *OSV MAN O'WAR*, 1,124 ITC Tons
  - Master, *OSV GULF MOON*, 674 ITC Tons
  - Master, *OSV LOUIS TIDE*, 672 ITC Tons
- CB Support of PEMEX Platforms & Derrick Barges, Bay of Campeche, Mexico (2006 – 2007):
  - Master, Crew Boat *MV MINERAL TIDE*, 318 ITC Tons
  - Master, Crew Boat *MV MICHELE TIDE*, 309 ITC Tons
  - Master, Crew Boat *MV JENNIE TIDE*, 309 ITC Tons
  - Master, Crew Boat *MV MAGIC TIDE II*, 309 ITC Tons

2006-2006, AB Seaman, *USNA JOHN LENTHALL*, Military Sealift Command, Norfolk, VA

**Military Sealift Command Training (MSFSC):**

- Damage Control
- Helicopter Fire Fighting
- Ship Security Training
- Anti-Terrorism Training
- Material Handling Equipment
- Trafficking in Persons Course
- Chemical, Biological & Radiation Defense
- Marine Environmental Protection

**MSNAP, Naval Weapons Station Earl:**

- Underway Replenishment Training
- Explosive Cargo Handling and Stowage
- Ordnance Handling Equipment & Awareness

2005-2006, Dept. Homeland Security, Federal Emergency Management Administration, Disaster Assistance Employ in South Carolina providing aid for Katrina victims.

## **FEMA Training**

- ICS-100 Intro to Incident Command Systems for Federal Disaster Workers
- ICS-200 ICS for Single Resources and Initial Action Incidents
- ICS-700 National Incident Management System
- ICS-800 National Response Plan (NRP)
- IS-001 Emergency Manager Orientation
- IS-003 Radiological Emergency
- IS-010 Animals in Disasters: Awareness and Preparation
- IS-011 Animals in Disasters: Community Preparation
- IS-055 Household Hazardous Materials
- IS-120 An Orientation to Community Disaster Exercises
- IS-271 Anticipating Hazardous Weather & Community Risk
- IS-275 The EOC's Role in Community Preparedness
- IS-317 Community Emergency Response Team (CERT)
- IS-324 Community Hurricane Preparedness
- IS-331 Radiological Emergency Preparedness
- IS-546 Continuity of Operations (COOP) Awareness
- IS-630 Introduction to the Public Assistance Process
- IS-631 Public Assistance Operations I
- JA-001 Outlook 2003 Overview
- Computer Security Training

2001-2006, Contract Captain, Delivered and managed several power & sail yachts on U.S. West Coast

1997-2001, Project Director, Sapient Corporation, Cambridge, MA

1996-1997, Planning Manager, Internet America, Dallas, TX

1994-1996, Business Manager, Holy Trinity Catholic Church, Dallas, TX

1990-1994, Vice President, VanAir, Inc., Dallas, TX

1985-1990, Evaluation Manager, Atlantic Richfield (ARCO), Dallas, TX

1985-1985, Vice President, Union Bank, Dallas, TX

1983-1985, President, Richardson Energy Corporation, Dallas, TX

1981-1983, Vice President Oil & Gas, Republic National Bank, Dallas, TX

1974-1981, Engineer, Phillips Petroleum Co., Bartlesville, Oklahoma, London, Stavanger, Norway

1969, Training Engineer, Ingram Contractors, Pipeline Lay Barge, Bass Straits, Australia

## **U.S. COAST GUARD**

### **US Coast Guard Auxiliary – Member # 1205754:**

- 2015 – Transferred to Lafayette, LA Flotilla 4, Division 4, District 8
- 2005 – Captain – 11SR – Division 12 (Five Flotillas)
- 2004 – Vice-Captain – 11SR – Division 12 (Five Flotillas)
- 2003 – Flotilla Commander – 11SR-12-07
- 2003 – Coxswain Qualified
- 2002-2003 – Division Staff Officer – Public Education
- 2002 – Vessel Examiner, Instructor, Marine Dealer Visitor, & ATON Verifier
- 2002 – Completed AUXOP certification, which includes specialty courses in Navigation, Patrols, Weather, Administration, Communications, Seamanship and Search & Rescue.

### **US Coast Guard Auxiliary Operations**

- 2015 – Various safety patrols in South Louisiana
- 2004 - 2007 – Various On Water Safety & ATON Patrols, On Water Coxswain Instructor
- 2003 - 2004 – Night Search & Rescue

- 2003 - 2007 – ATON verification Patrols (buoy status & location verification)
- 2002 - 2003 – LA/Long Beach Harbor Patrols
- 2002 - 2007 – Santa Monica Bay Safety Patrols
- 2002 - 2006 – Marina del Rey, CA Safety Patrols
- 2002 - 2004 – Holiday Lights on the Water – Parade Patrol
- 2002 - 2004 – Fourth of July Patrol

### US Coast Guard Operations

- 2002, 2003 – Volunteer as In Port Officer of the Deck and Underway Quartermaster of the Watch on the US Coast Guard Cutter *HALIBUT*, a CPB 87, in Marina del Rey, CA.

### BOAT DELIVERIES

- 2015 – Chaguaramas, Trinidad to Galveston, TX to Amelia, LA – 2,500 nm – OSV Jonathan Rozier, Captain, 1,624 ITC tons, 3,800 tons Displacement
- 2015 – Port Hueneme, CA to Amelia, LA via the Panama Canal – 4,500 nm – OSV War Admiral, Captain, 1,105 ITC tons, 2,300 tons Displacement
- 2013 - Luba, Equatorial Guinea to Luanda, Angola – 834 nm – *PSV WILLIAM C HIGHTOWER*, Master
  - DP2, Z Drive, 3,183 ITC Tons, 7,007 Tons Displacement
- 2013 - Luanda, Angola to Luba, Equatorial Guinea – 834 nm – *PSV WILLIAM C HIGHTOWER*, Master
  - DP2, Z Drive, 3,183 ITC Tons, 7,007 Tons Displacement
- 2010 – Luba, Equatorial Guinea to Takoradi, Ghana – 630 nm – *PSV KEN C TAMBLYN*, Second Captain.
  - DP2, Z Drive, 3,183 ITC Tons, 7,007 Tons Displacement
- 2010 – Port Gentil, Gabon to Douala, Cameroon – 300 nm – *PSV BOURGEOIS TIDE*, Master
  - DP1, Z Drive, 1624 ITC Tons, 3536 Tons Displacement
- 2010 – Douala, Cameroon to Port Gentil, Gabon – 300 nm – *PSV DALFREY TIDE*, Master
  - DP1, Z Drive, 1313 ITC Tons, 3000 Tons Displacement
- 2010 – Port Gentil, Gabon to Douala, Cameroon – 300 nm – *PSV DALFREY TIDE*, Master
  - DP1, Z Drive, 1313 ITC Tons, 3000 Tons Displacement
- 2010 – Douala, Cameroon to Port Gentil, Gabon – 300 nm – *PSV BOURGEOIS TIDE*, Master
  - DP1, Z Drive, 1624 ITC Tons, 3536 Tons Displacement
- 2010 – Pemba, Moçambique to Durban, South Africa – 1,395 nm – *PSV GUBERT TIDE*, Master
  - DP2, Z Drive, 2308 ITC Tons, 5,007 Tons Displacement
- 2009 – Singapore to Abidjan, Côte d’Ivoire – 8,800 nm – *PSV GUBERT TIDE*, Master
  - DP2, Z Drive, 2308 ITC Tons, 5,007 Tons Displacement
- 2009 – Natal, Brazil to Ciudad del Carmen, México – 4,000 nm – *C/B 162 SUSAN TIDE*, Master
  - DP1, Z Drive Bow Thruster, 494 ITC Tons, 1300 Tons Displacement
- 2009 – Rio de Janeiro, Brazil to São Luís, Maranhão, Brazil – 2,000 nm – *FSV 175 FARIDAH TIDE* - Master
  - DP1, Z Drive Bow Thruster, 494 ITC Tons, 1300 Tons Displacement
- 2008 – Amelia, LA to Rio de Janeiro, Brazil – 5,500 nm – *FSV 175 JO LYNN TIDE* – Captain
  - DP1, Z Drive Bow Thruster, 494 ITC Tons, 1300 Tons Displacement
- 2005 – Marina del Rey, CA to Seattle, WA – Ocean Alexander 66 - Master
- 2005 – Lewisville WA to Vancouver, Canada, - Fairline 66 *MV CHAOS*- Master
- 2005 - Vancouver, Canada to Marina del Rey, CA, - Fairline 66 *MV CHAOS*- Master
- 2005 - Marina del Rey, CA to Puerto Vallarta, México, - Fairline 66 *MV CHAOS*- Master
- 2005 – Puerto Vallarta, Mexico to Santa Barbara, CA - Fairline 66 *MV CHAOS*- Master

- 2001-2005 – Over 40 deliveries on the west coast of the USA in yachts, powered and/or sail, up to 66 feet in length.

#### **LARGE SHIP EXPERIENCE (OVER 10,000 TONS)**

- 2013 – Advanced Shiphandling Course, Marine Professional Training, Fort Lauderdale, FL
- 2004 - 2010 – *SS LANE VICTORY* – AB Seaman (Watch) – Volunteer - 3 to 12 days a year
- 2006 – *USNS JOHN LENTHALL* – AB Seaman (Watch) – UNREP Helmsman
- 1976-1978 – *DB MICOPERI 26* – OS - Self-contained Derrick Ship
- 1969 – *INGRAM DERRICK BARGE - DB5* – Pipeline Installation – Bass Straits, Australia

#### **NAVAL ARCHITECT / MARINE ENGINEERING**

- Summers of 1972 & 1973 – Breit Naval Architects and Marine Engineering, New Orleans, LA. Designed ship modifications and performed economic studies.

#### **LANGUAGES**

- Native Language - English
- Fluent in verbal & written Spanish (Can command a boat in Spanish)
- Some Facility in verbal & written French
- Some Portuguese and Greek

#### **RECORDS**

- U.S. National Record, Class D-2, Open Class, Multi Place Glider - Speed Over an Out and Return Course of 300 Kilometers, Burkhart Grob 103-B, N5364G, Taos, New Mexico to Salida, Colorado and Return, June 21, 1985, National Aeronautic Association (NAA)

#### **PHOTOGRAPHY**

- Recognition of Photographic Achievement (ROPA) – EPSA (85 International Awards)
- Vice President Conferences, Board Member, Photographic Society of America (PSA)
- President, Lafayette Photographic Society
- Business Member, Professional Photographers of America
- Business Member, Professional Photographers of Louisiana

#### **PUBLICATIONS**

G.C. Daley, Optimization of Tension Level and Stinger Length in Offshore Pipeline Installations, Journal of Engineering for Industry, Petroleum Division of the American society of Mechanical engineers, Paper No. 74-Pet-A, January 2, 1974

G. C. Daley, Physical Interpretations of the Instabilities Encountered In The Deflection equations of the Unconstrained Pipeline, Thirteenth Annual Petroleum Mechanical Engineering Conference, Tulsa, OK, September 21-25, 1975, Paper No. 75-Pet-1