

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

CAPTAIN WILLIAM H. DOWD Transportation Expert

PROFESSIONAL EXPERIENCE

2007 to **Robson Forensic, Inc.**

present *Associate*

Provide technical investigations, analysis, reports, and testimony towards the resolution of commercial and personal injury litigation involving transportation.

2006 to **Thompson Island Outward Bound Education Center**

Present *Director of Waterfront Operations*

- Responsible for all maritime operations including scheduling of 2 ferries as well as 8 sailing vessels used by the Outward Bound Sailing Programs.
- Created knowledge base including regulatory procedures pertaining to “T” Boats in the Small Passenger Vessel class including the Outward Bound Sailing program vessels.
- Created and initiated an Operational Plan to allow the safe passage of Outward Bound program participants, specifically adolescents.
- Liaise with National Park Service for transportation to and from islands within Boston Harbor Islands National Park.
- Transportation with own vessel as well as chartered vessels in the transportation for the Conference and Convention Center on the island.
- Member of Executive Safety Committee for Thompson Island Outward Bound dealing with safety for programs and participants as well as facility safety.

2005 to **Commonwealth of Massachusetts,**

2006 *Director of Transportation, Executive Office of Health and Human Services*

- Responsible for operations of the Human Service Transportation Office; including delivery of transportation via fixed route buses, multi-passenger vans, chair cars, and ambulances to specialized populations of other department agencies including: Medicaid, Department of Mental Retardation, Department of Health Early Intervention and MassHealth’s Adult Day Health Programs.
- Identified failures in vehicle markings, dangers associated with vehicle failures, and failures in boarding and discharge policies at day programs.
- Developed program to integrate all transportation entities within the Secretariat utilizing the 6 regional transit authorities and their services from fixed routes to cars as well as their scheduling systems...
- Conducted and oversaw decision making for competitive bid processes for services, schedules, safety and delivery of transportation services.
- Created Operational Reports to provide standardization across the board from incidents to complaints so as to give an accurate picture of the operations of the Regional Transit Authorities as well as to provide a better evaluation system.

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- Created, implemented, and utilized an agency-wide incident computerized investigation system allowing a rapid response to all agencies concerned including Secretary level staff with media response. Correlation of findings into a monthly report for Executive Staff allowed us to identify trends and vendor problems.
- Created a Transportation System for Post Hurricane Katrina Evacuees in a 2-day period utilizing Regional Transit Authorities and private vendors on the base between Camp Edwards Village and clinics as well as the Base Exchange. System expanded at a later time to include a base system with 4 stops and stops off bases at retail facilities. Negotiated with Otis AFB Fire and Emergency Department staff to provide emergency transport in emergency situations and later the transfer back to our vendors as health maintenance commenced.
- Followed with a first time service to work sites for evacuees using the Medicaid system and Department of Transitional Assistance through an Interagency Service Agreement.

1982 to
2004

Transoceanic Cable Ship Co., Multiple U.S. and Foreign Sites

Commanding Officer – Reliance Class Cable Vessels

2002-2004

- Responsible for international operations of \$68M 458' cable installation and repair vessel supervising a 24/7 unionized multi-national crew of 53.
- Responsible for all aspects of operations, safety, human resources, inventory, training, budget, project scheduling, procurement and installations, and supply chain management.
- Oversaw new \$72M three-year repair contract with Atlantic Cable Maintenance Consortium.
- Constructed vessel in Singapore, delivering vessel to Portland with a foreign crew and prepared her for first operation for USN.
- Updated, trained staff and implemented new Safety Management and Cable Operations procedures, recordkeeping, etc.
- Directed by TYCO to act as Installation Engineer in Charge working with France Telecom to investigate the delays in the progress of project and to initiate changes in system to facilitate installation of a 700 km segment.

Commanding Officer – Global Class Cable Vessels

1990-2005

- Responsible for international operations of \$150M cable installation and repair vessels supervising a crew of 93, fully computerized and dynamically controlled vessel including: project management, staffing, training and payroll, budgets, capital assets, inventory, international regulations and compliance management, logistics, supply chain and facilities management, safety and risk management.

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- Developed and implemented plan for initial ISO 9000 shipboard process for inclusion into the corporate plan and responsible for first vessel audit for inclusion into the American Bureau of Shipping Safety Management System, resulting in the awarding of the Corporate ABS Safety Management Certificate.
- Certificated as first Dynamic Positioning Operator in the United States aboard a large vessel.
- Deployed by TYCO to act as Transit/Load Engineer in Charge working with a British contractor in Venezuela to inspect the factory load aboard a Danish Ship and oversee transfer to the British contractor's vessel.
- Assigned by TYCO as Senior Plow Officer to oversee pipeline crossings in the North Sea. I represented company in all meetings and acted as Dynamic Positioning Operator both controlling and training as well as monitoring proper DP techniques in laying cable over pipelines.
- TYCO appointed me Site Manager for system entering Panama, Ecuador, Chile, and Peru to inspect and ensure permitting.
- Deployed by AT&T to act as company representative for a German contractor and British Telecom completing a worldwide system into Communist China prior to handover of Hong Kong to Chinese officials. Inspections of cable load aboard a Russian vessel for transfer of cable as well as Chinese officials during official handover of territories.

Construction Superintendent, Fels Shipyard, Singapore 1989-1990

- Supervised the construction of the first two new cable ships in 30 years with a value of \$110M. Production, regulatory, as well as design of trialing procedures for a new class of vessels all fell within my area of supervision.

Commanding Officer – Cable Ship Charles L. Brown 1985-1989

- Constructed and initiated operations for an AT&T Home Port for Pacific Basin Cable Operations

Junior Officer 1982-1985

1977 to 1982 Various Shipping Lines, Worldwide Locales

PROFESSIONAL CREDENTIALS

Master, any Gross Tons upon the Oceans – USCG (5th Issue)
Master, any Gross Tons upon the Oceans – Marshall Islands (2nd Issue)
Dynamic Positioning Operators Certificate, 1st in the United States
Department of Defense Secret Clearance, Current

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EDUCATION

Bachelor of Science, Marine Commerce/Transportation, Massachusetts Maritime Academy

TRAINING AND CERTIFICATIONS

Compliance & Regulatory

- 2004 Completed Drug and Alcohol Testing Certificate of Compliance
- 2004 Completed Anti-Discrimination and Awareness Program
- 2003 Certificate as Maritime Security Officer, ABS
- 1999 Certificate in Safety Management Code, Auditor, ABS Training Program
- 1989 Certificate in ISO 9000, Training and Certification

Dynamic Positioning

- 2003 Awarded Certificate in Automated Vessel Control Systems
- 2000 Awarded Full DP Operator's Certificate
- 1999 Completed Advanced DP Simulator Training
- 1992 Completed Master's Accelerated Introduction to Dynamic Positioning

Firefighting and Search and Rescue

- 2004 Completed Advanced Shipboard Firefighting Training
- 2004 Completed Fast Rescue Boat Operations Training
- 2004 Completed Advanced Shipboard Firefighting Training
- 1976 Completed U.S Navy Shipboard Firefighting and Damage Control Training Course

Municipal Computer Systems

- 2005 COGNOS Data Warehouse Training
- 2005 EPRS & ACES Personnel Systems

Safety and Hazmat

- 2004 Completed Instructor, Supervisor and Assessor Qualifications
- 2004 Completed Chemical, Biological, & Radiological Defense Training
- 2004 Completed Small Arms Instruction and Qualification
- 1999 Completed Safety Management System Training
- 1995 Completed HAZMAT, HAZWOPER, Emergency Response, Health Training

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Shipboard Computer Systems

- 2002 Certificate in MMS AMOS – Computerized Purchase, Inventory and Maintenance System
- 1989 Certificate in PAYPERS – Shipboard and Shoreside Payroll System
- 1997 Certificate in MMS FleetWORKS - Computerized Inventory and Maintenance System
- 1985 Certificate in AT&T Payroll System

Shipboard Medical Care

- 1997 Completed IMO Level III Training in Medical Response
- 1984 Certificate of Advanced Training - Shipboard Medical Care
Attained National Registration as a Paramedic, North Arundel General Hospital

Shipboard Navigation

- 2000 Completed Automatic Radar Plotting Aids Training
- 2000 Completed Bridge Management Training
- 1997 Completed Global Maritime Distress and Safety System Training
- 1986 Completed Diesel Handling and Maintenance Course
- 1985 Completed Advanced Ship Handling Course

Military Service

- 1984 Honorably Discharged, Lieutenant, U.S. Navy

PROFESSIONAL MEMBERSHIP

Boston Marine Society

COMMUNITY AFFILIATIONS

Town of Mansfield, Mass

2005 – Present

Member of the Local Housing Partnership / Fair Housing Committee

Appointed by the Board of Selectmen to the board for the purpose of promoting the development of affordable housing, establishing housing priorities for the community, identifying specific concerns regarding individual development proposals, and seek favorable resolution of those concerns.

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Chairman, Mansfield Housing Committee

Appointed by the Board of Selectman to the Board for the purpose of acting as a building corporation to allow the development of low-income housing within the confines of the Town of Mansfield.

PUBLICATIONS

Dowd, Capt. W.H. Dempsey, R.E., Quain, M.H. Weller, R.A. "TAT-10 – A Success Story," Bell Labs, SubOptic Conference presented to National Academy of Science, Paris

PRESENTATIONS

Governor's Council Presentations – Transit Passes and Medicaid

Secretaries of Transportation and Health and Human Services – Boston and a Medicaid Pass

Secretary of Elder Affairs – Inclusion of Adult Day Health Transportation into HST

AWARDS AND NOMINATIONS

Federal Transit Authority – Outstanding Practice in the United We Ride Program

Member of Bell Labs Team to develop Methodology for Cable Repair while Powered