

Sergio Robert Di Franco

Language Profile: (BBB)

Security Clearance: Secret

EDUCATION

CARLETON UNIVERSITY (1991 - 1996)

Bachelor of Arts with Honours in Environmental Studies, Co-Op Option

- ⇒ Courses in biology, chemistry, physics, law, economics, geography, history, political science, sociology, statistics, urban planning, philosophy and communications

NOTRE DAME HIGH SCHOOL (1986 - 1991)

Ontario Secondary School Diploma

- ⇒ Courses in native studies, anthropology, economics, political science, statistics, sociology, history, philosophy, biology and psychology

EMPLOYMENT STATUS

EMPLOYER: ENVIRONMENTAL RESPONSE BRANCH OF THE CANADIAN COAST GUARD, DEPARTMENT OF FISHERIES AND OCEANS

POSITION: SENIOR ENFORCEMENT AND PREVENTION OFFICER

WORK EXPERIENCE

DEPARTMENT OF FISHERIES AND OCEANS, CANADIAN COAST GUARD, ENVIRONMENTAL RESPONSE

Senior Enforcement and Prevention Officer (2000 – Present)

200 Kent St.
Ottawa, Ont.
K1A 0E6

- ⇒ Conducted various administrative duties, including responding to the public's request for information on CCG activities, completing memoranda and briefing notes for the Commissioner of the CCG, QPs, memoranda and briefing notes for the Minister of Fisheries and Oceans, responding to Ministerial Inquiries.
- ⇒ Provided strategic direction and recommendations on a number of policy issues affecting the Environmental Response program and provided input, advice and guidance to other CCG programs' (i.e. Fleet, Aids to Navigation, Marine Communications and Traffic Services) operations that impact the delivery of the Environmental Response program.
- ⇒ Assisted with developing and maintaining the CCG Marine Spills Contingency Plan. Provided support to regional personnel in developing their respective Regional Contingency Plans and ensuring the elements of the National Plan were included in Regional Plans.
- ⇒ Developed a procedures manual for Pollution Response Officers designated under the *Canada Shipping Act, 2001*. Developed training material and a course curriculum in consultation with Fisheries and Oceans legal counsel and representatives from Transport Canada and Environment Canada. Delivered Pollution Response Officer training to all regional Environmental Response personnel and Regional Directors of Maritime Services. Developed internal procedures for the delegation of powers from the Minister of Fisheries and Oceans to Pollution Response Officers.
- ⇒ Developed and implemented the ICS based Response Management System (RMS) for the Environmental Response program. Consulted with Regional CCG personnel on the development of the RMS, produced a User's Guide, implemented the RMS in all regions and conducted RMS training to regional CCG personnel.

Provided assistance on the usage of the RMS to regional CCG personnel during and conducted updates, as required.

- ⇒ Managed the Marine Pollution Incident Reporting System (MPIRS) database for the Environmental Response program. Ensured that application maintenance was conducted, implemented maintenance contracts with private companies, liaised with the technical advisor on issues and conducted regional training. Led an MPIRS Working Group to determine issues and concerns, and proposed strategies to respond to these issues. Monitored all pollution incident reports entered by regional CCG personnel, created Headquarters Status Reports for the CCG Commissioner, Minister of Fisheries and Oceans, and other government departments, performed data quality assurance checks and produced statistical reports using the Cognos Impromptu reporting application for senior CCG officials, other government departments and the public.
- ⇒ Developed several directives and policies related to Environmental Response operations, including spill reporting, mandatory use of RMS during the response to incidents, directives for the provision of On-Scene Commander and Federal Monitoring Officer activities, and guidelines for the administration of Pollution Response Officer powers delegated under the *Canada Shipping Act, 2001*.
- ⇒ Developed a 5 year Research and Development project that studied improving response strategies for spills of Orimulsion and heavy oils in the marine environment. Five areas of study were examined; these included chemical/physical properties of Orimulsion, biological effects of spilled Orimulsion, mechanical recovery methods, shoreline recovery and detecting and tracking spilled Orimulsion in the water column. Managed an annual budget of over \$200,000, ensured that projects were completed as scheduled and reports submitted on time.
- ⇒ National coordinator for the CCG National Response Team. Liaised with the CCG On-Scene Commander to determine human resource requirements, selected regional personnel appropriate to match those requirements, and assisted in arranging flights and accommodations. Developed a draft National Response Team Concept of Operations.
- ⇒ Participated in numerous Environmental Response oil spill response exercises in all CCG Regions. Evaluated exercises and assisted in the use of the RMS throughout the exercise.

DEPARTMENT OF FISHERIES AND OCEANS, CANADIAN COAST GUARD, ENVIRONMENTAL RESPONSE

Program Support Officer (May 2000 – September 2000)

25 Huron St.

Victoria, B.C.

V8V 3RV

- ⇒ Responded to reports of marine pollution in the Vancouver Island and Central Coast area of British Columbia. Assessed these incidents to determine magnitude, impact and severity, and the responsible party.
- ⇒ Informed the polluter of their responsibilities under the *Canada Shipping Act* and ensured that appropriate response measures were taken. Responded using CCG pollution countermeasures equipment, when necessary.
- ⇒ Conducted maintenance on CCG pollution countermeasures equipment.
- ⇒ Conducted Oil Handling Facility (OHF) inspections to ensure compliance pursuant to the OHF regulations. Reviewed OHF response plans, Response Organization arrangements and response equipment on site and produced reports to the Regional Contingency Planning Officer outlining the results of inspections.
- ⇒ Participated in joint Canada-U.S. marine oil spill response exercises. Exercised both annexes (CANUSPAC and CANUSDIX) of the Canada-U.S. Joint Marine Pollution Contingency Plan.
- ⇒ Assisted in the review and update of the Pacific Region Marine Spill Contingency Plan.

DEPARTMENT OF FISHERIES AND OCEANS, CANADIAN COAST GUARD, ENVIRONMENTAL RESPONSE

Special Projects Officer (1996 – 2000)

200 Kent St.
Ottawa, Ont.
K1A 0E6

- ⇒ Project team member of the Marine Spill Response Capacity Review project. Completed the Marine Activity / Risk section, produced various maps and charts, provided input into the Inventory Review section of the report, and managed the mapping produced by the in-house co-op student and translation of the final report.
- ⇒ Assisted in the certification and review of Response Organizations submissions. Provided input into the review of Response Organization response plans to ensure they met the requirement for a 10,000 tonne oil spill response capability within their respective area of operation.
- ⇒ Developed a *Maritime System Technology* research proposal for the development of an oil spill preparedness and response regime for Taiwan. The proposal incorporated a study assessing and evaluating Taiwan's current system of oil spill response, conducting a risk analysis and making recommendations for the implementation of a marine oil spill preparedness and response regime in Taiwan.
- ⇒ Researched, analyzed and produced statistical reports on Canadian marine oil spill data. Produced maps using Mapinfo showing the distribution and size of spills throughout Canada.
- ⇒ Assisted in the program management of the National Aerial Surveillance Program. Analyzed oil spill images taken from the CCG's Dash-8 aerial surveillance plane using imaging analysis software (ERDAS Imagine 8.2) and GIS software (MapInfo).
- ⇒ Assisted Environment Canada with the development of the National Plan of Action for the Protection of the Marine Environment from Land Based Activities. Provided input into defining CCG's mandate with respect to marine oil spill response, provided comments and recommendations and assisted in the review of the final document.
- ⇒ Assisted in producing, in consultation with the Canadian Petroleum Producer's Institute, a discussion paper on developing OHF pollution prevention plans for designated Canadian OHFs. This included conducting research on OHF spill statistics, reviewing the legislative requirement for OHF pollution prevention plans and reviewing existing standards such as ISO 14001.
- ⇒ Conducted other administrative duties, including responding to the public's request for information on CCG activities, completing memoranda and briefing notes for the Commissioner of the CCG, Question and Answer documents, memoranda and briefing notes for the Minister of Fisheries and Oceans.

TRAINING

March 2007
ICS 300 – Intermediate ICS
United States Coast Guard
South Portland, Maine

September 2004
Cognos Impromptu
Canadian Coast Guard
Ottawa, Ont.

March 2004
On Scene Commander
Canadian Coast Guard
Sydney, N.S.

November 2001
Pollution Prevention Officer
Canadian Coast Guard
Victoria, B.C.

August 2001

Marine Pollution Incident Reporting System

Canadian Coast Guard

Ottawa, Ont.

September 1999

Underwater Helicopter Survival Training

HSRS

Ottawa, Ont.

August 1999

Basics of Oil Spill Response Course

Canadian Coast Guard

Goose Bay, Labrador

January 1999

Predictive and Preventive Maintenance

Advanced Manufacturing Institute

Ottawa, Ont.

November 1997

Intermediate Mapinfo 4.1 Professional

Northwood Geoscience

Nepean, Ont.

July 1997

ERDAS Imagine 8.2

Geophysical & Environmental Research Corp.

Ottawa, Ont.

REFERENCES

Available upon request