BRIGADIER GENERAL M.G. ZALINSKI
Pollutant Removal Project

Safety First, Service Always

JRT Meeting
CANUSPAC 2014 – Bellingham WA
June 5th, 2014
Introduction

- Vessel history
- The trigger to act
- Developing the plan
- Statement of work
- Delegated authority
- Bid Evaluation Process
- The Operation
- Results
Brig. Gen. M.G. Zalinski
Operational Area

Prince Rupert
Solid evidence
Registry number: U.S. 218268 - Hull number: 759 - Vessel type: Laker
Length: 251 ft. (76.50m)
Width: 43.6 ft. (13.29m)
Height: 26.2 ft. (7.99m)
Year built: 1919
Gross tonnage: 2616t.
Net tonnage: 1611t
The Wreck
The Trigger to Act

- Monitored since September 2003
- Epoxy patches applied as spill reports received
- Between December 2012 and March 2013
  - CCG visits site 3 times to apply patches
  - Previous patches leaking
  - Lines of rivets and seams leaking
  - Hull deformation visible
- April 2013 – remove the threat decision
Operational Goal

• Remove as much of the marine pollutant from the fuel tanks and cargo holds as possible without disturbing the UXO

• CCG controls, directs, manages and leads through an Incident Commander using the Incident Command System (ICS)
CCG Planning Considerations

• Funding – similar to a project
• Environment – weather window and tides
• Communications – no cell coverage & limited satellite coverage
• Health & Safety – personnel rotations + sampling
• Lessons Learned – major project + ICS
• Munitions – understanding the risk
• Oil products – use worst case scenario
Estimating Operational Costs

• Built a proposed pollution removal plan
  – Had 2 responses to a request for information to remove oil from the Zalinski (2007)
  – Used similar calibre incidents as models
  – Made and documented assumptions where necessary
• Built a pollutant recovery plan (spill clean-up)
• Built the CCG supervision (ICS) plan
• Estimated and combined costs for all 3 plans
• Added a contingency
Statements of Work

• Three SOW’s
  – Oil pollution removal
  – Oil spill response
  – Environmental sampling

• Assess first then remove?
  – Longer operation vs. fixed funding
The Zalinski Operation

- **April 2013**
  - Operational planning starts
  - Combined Regional and HQ effort
  - Had to address; logistical, contractual, financial, operational, legal, stakeholder engagement, communication and environmental elements

- **September 19, 2013**
  - Contract issued for the oil and pollutants removal operation
  - Mobilization started (Prince Rupert & Lowe Inlet)

- **October 26, 2013**
  - All major resources on site, ICP established, wreck assessment starts, total loss assets “ramped up”

- **November 19 to December 3, 2013**
  - Oil removal operation (fuel tanks and cargo hold)

- **December 3 to December 15, 2013**
  - all assets removed from site
Spill Response Management
Lowe Inlet Village
Results
Lessons Learned

• **Pre-Ops Planning:**
  
  • Not enough time or resources spent on pre-planning phase.
  • Lack of ICS Training/Knowledge within the CCG.
  • Lack of understanding of the size and scope of the overall project.
  • Not enough lead time for proper planning (Cabinet Confidence Issues).
Lessons Learned

• **Operations Phase:**
  - Logistics Issues; accommodation for staff at the ICP and at the Remote Site.
  - Difficulty coordinating other Government Departments roles/participants.
  - Difficulties developing/understanding FN roles/contributions/sensitivities.
  - Remoteness of the site (Boat Repairs, Re-Supply, Weather, etc.)
  - IT Issues (Federal Government Policies on Shared Access created challenges; Limitations Placed on Federal Government Supplied Computers, etc.).
  - Vessel/Personnel tracking at Remote Site provided constant challenges.
  - 2-Week On, 2-Week Off rotation created logistical issues.

• **Demobilizing Phase:**
  - Not well understood, and not completed effectively.
Lessons Learned

• ICS:

• Not well understood by most. More Training required.
• ICS Positions/Qualifications versus the Organization’s Capacities.
• Forms Issues (Switching forms well into the project).
• Understanding of importance of Finance and Documentation sections
Questions?