

WCSS OIL SPILL CO-OPERATIVE TRAINING EXERCISE REPORT

Oil Spill Co-Operative:	AREA VR1
Oil Spill Co-Op Chairman:	Ryan Wartman - BlackPearl Resources
Exercise Date:	February 16, 2011
Type of Exercise:	Winter – ice
Location of Exercise:	Vezeau Beach, Moose Lake, Bonnyville, AB
Lsd/Sec/Twp/Rge/Mer:	
Area Control Point:	No
Host Company:	Devon
On Scene Commander:	Joe Reid

EXERCISE OBJECTIVES

The objectives of the exercise were to: (check applicable ones)			
		Objectives Met	
		Yes	No
1	Supply theoretical training (classroom)		X
2	Evaluate deployment methods (hands-on training)	X	
3	Evaluate safety procedures	X	
4	Evaluate boat handling and operations		X
5	Evaluate response capabilities	X	
6	Evaluate communications	X	
7	Evaluate Control Point	X	
8	Evaluate Co-op equipment - Dryland exercise	X	
9	Evaluate WCSS equipment	X	
10	Evaluate new equipment		X
11	Other (please specify)		

Spill Preparedness and Response since 1972.

EXERCISE REPORT - CHRONOLOGICAL

Time	Event and Description	Problems
<p>FEBRUARY 15th. 2011</p>	<p>OSC, Joe Reid, Mike Locke, Len Brown, and Trevor Miller with WCSS together with members of the IRT team and the administrator met at the exercise site to evaluate, assess, and prepare the area for the next day's event.</p> <p>The team did a preliminary ice assessment to determine what type of equipment would be allowed safely on the surface of the lake.</p> <p>Once it was determined that the ice strength was sufficient, the Skidster was used to clear an area that would be used to demonstrate the slotting technique for product recovery.</p> <p>At this time the weather was starting to change, becoming colder and the wind was blowing from the North west.</p> <p>The team met in the meeting room of Shaw House to discuss the day's agenda for the exercise.</p> <p>Trevor drew a diagram on the ICS board showing where the initial ice assessment holes will be drilled/where the slot will be started/work area. Together with Mike, he then explained the procedure, its purpose and the desired outcomes.</p> <p>Purpose is to demonstrate ice assessment and slotting techniques. First we will do an ice assessment using two crews to drill to holes in the ice at different points along the cleared area. These crew members will be harnessed up with tag lines, other crew will monitor from shore. Once the holes are drilled and ice depth and water depth recorded, an ice slot will be cut with the chain saw to determine weight bearing capacity of the ice. Other crew members will then use the chainsaws to cut the first block of ice for the slot. Then the backhoe will be used to cut the remaining slot.</p> <p>Discussion was held on participation as well as equipment shortfalls. It was noted that the Winter trailer was short PFD, throw bags and harnesses big enough to be worn over winter gear and PFD's.</p> <p>The WCSS Airboat required overnight lodging, and this was arranged courtesy of Extreme Oilfield Service.</p>	

<p>February 16th, 2011 8:30 am</p>	<p>registration was held in Bonnyville</p>	<p>Temperature was -24 with blowing winds and snow</p>
<p>8:50</p>	<p>On Scene Commander, Joe Reid welcomed the participants. He introduced WCSS representation as well as MER & ERCB. He did an overview of the day's proceedings.</p> <p>At this time a group of IRT members together with Len Brown & Trevor Miller left for the exercise site to clear the work area again due to heavy winds and blowing snow.</p>	
<p>9:00</p>	<p>Mike Locke explained the changes with WCSS and provided information on the role of WCSS.</p> <p>Terry Brisbourne with MER did a presentation on regulatory requirements. He was followed by Dalene Wilkins who provided the Alberta perspective on behalf of ERCB</p> <p>Mike Locke reviewed the procedures involved with the proposed exercise. He reviewed the site diagram and the steps that would be followed once on site.</p> <p>names were drawn for the work crews</p> <p>Captains met with the OSC for direction and then reviewed with their teams.</p>	
<p>9:40</p>	<p>Everyone left the meeting venue and drove to the exercise site.</p> <p>At the site, the skidster had clear snow, the WCSS airboat was parked and the Lloydminster Rescue airboat was deployed as well and ready for use as a safety backup boat.</p>	
<p>10:10</p>	<p>While teams were getting harnassed up and equipment was being readied, Trevor Miller did a demonstration of the rescue sled.</p>	
<p>10:20</p>	<p>First team moved out to the work area to drill a test hole and determine ice thickness and water depth.</p> <p>Airboat (which had been previously deployed) with three additional team members positioned itself in the work area and the team drilled a second hole.</p> <p>The first hole showed 21" of ice and 19" of water.</p> <p>The second hole showed 21" of ice and 20" of water.</p>	<p>ice auger was not working properly, kept cutting out.</p>

	<p>The second hole would be used to cut the ice block to determine weight bearing capacity.</p> <p>Chainsaw crew was harnessed up and proceeded to the ice hole. they cut an ice block and returned to the safe area.</p> <p>Ice block showed 18" out of 21" of white ice.</p>	
11:20	All participants returned to the hall venue for lunch.	
12:30	<p>Participants moved back to the exercise site for the ice slotting demonstration.</p> <p>Team members demonstrating cutting the ice hole bigger with the chainsaw and the handsaw.</p> <p>The backhoe then demonstrated its usefulness and efficiency in cutting ice slots.</p> <p>Participants then cleaned up the equipment and loaded the trailer.</p> <p>Debriefing was held. It was noted that where possible, heavy equipment is much more efficient than using hand tools to create ice slots.</p> <p>Door Prize draws were made.</p>	
2:10	Exercise was over.	

CONTAINMENT AND RECOVERY

	Not applicable

CLASSROOM SESSION

List Topics	
Recommendations	

SAFETY

List Potential Hazards:

1	
2	
3	
4	
5	

Safety Precautions:

1	
2	
3	
4	
5	

SAFETY EVALUATION:

Were safety procedures adequate?

1	yes
2	
3	
4	
5	

Safety Recommendations:

DEBRIEFING

Auxiliary Services:					
Were auxiliary services such as parking, registration, meals, toilets, etc. sufficient?	Yes	X		No	
Comments:					
Pre-Planning Organization:					
Was pre-planning organization adequate?	Yes	X		No	
Comments:					
Crew Organization:					
Were manpower requirements sufficient for this exercise?	Yes	X		No	
Comments:					
Were communications within the working groups efficient and effective?	Yes	X		No	
Comments:					
Equipment:					
Was the equipment effective for this type of deployment exercise?	Yes	X		No	
Comments:					
Was the equipment deployment technique effective for this site?	Yes	X		No	
Comments:					
Training Coordinator Evaluation:					
Did the Training Coordinator do an adequate job?	Yes	X		No	
Comments:					

Spill Medium:

What Spill Medium was used for the exercise?	Yes			No	X
What percentage of spill medium was recovered at the site?	%				

Control Point Evaluation:

Is this an effective control point?	Yes			No	
Recommendations:					

RECOMMENDATIONS - CO-OP EQUIPMENT:	
Equipment Used:	
Comments:	
RECOMMENDATIONS - WCSS EQUIPMENT:	Winter trailer: need more PFD, harnesses, anchors and lines
Equipment Used:	ice auger blades did not cut through the ice.
	trailer heater was hard to start.
Comments:	could put a procedure above heater to help start the equipment.
Debriefing Suggestions:	

ATTENDANCE:	134	Participants representing:
	56	Member Companies
	5	Assoc. Member Companies
	%	of Membership

Companies that attended:

Access Pipelines
Altagas
Arsenal Energy
Astra Energy
Baytex Energy
Bellatrix Exploration
Bonavista
CCS
Ceho, Ceno?
Canadian Salt
Celtic Exploration
Cenovus
Crescent Point Energy
CNRL
Compass Petroleum
Conoco-Philips
Crew
Devon
Doug's well Service
EMM
Echoex

Emerge Oil & Gas
Enbridge Pipelines
E.O.G. resources
Enerplus
Enermark
ERCB
Equal Energy
Five O Oil & Gas
Fort Calgary Resources
Harvest Energy
Husky Oil
Imperial Oil
Insignia Energy
Iteration Energy
Interpipeline
Koch Exploration
MEC Operating Company
Mutiny Oil & Gas
Newalta
Northern Blizzard
Omers Energy

Palliser Oil & Gas
Paramount
Pavilion Energy
Pennwest
Perpetual Energy
Plains Energy
Plains Midstream
Quinn Exploration
Rock Energy
Sask Energy Resources
Signalta Resources
Shell
Taku Gas
Taq North
Teague Resources
Trison Safe Tech
Twin Buttes
Waseca Energy
WCSS