

**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Division of Spill Prevention and Response**  
**Prevention and Emergency Response Program**

**SITUATION REPORT**

**INCIDENT NAME:** Arctic Enterprise, Ammonia Release

**SITREP#:** 2

**SPILL NUMBER:** 04259921001

**LEDGER CODE:** Not requested.

**TIME/DATE OF SPILL:** The discharge was discovered by the vessel crew at 8:30 AM on July 28, 2004. Trident Seafoods reported the discharge to ADEC at 12:50 PM on July 28, 2004.

**TIME/DATE OF SITUATION REPORT:** 2:15 PM, July 29, 2004

**TIME/DATE OF THE NEXT REPORT:** 1:00 PM, July 30, 2004

**TYPE/AMOUNT OF PRODUCT SPILLED:** Anhydrous Ammonia, volume of the discharge is unknown at this time. Trident Seafoods reports that the Arctic Enterprise's maximum capacity of ammonia on the vessel is about 10,000 pounds. The vessel crew estimates that the area which has been isolated because of the leak contained approximately 800 pounds of ammonia.

**LOCATION:** Akutan Harbor, on a mooring buoy. Akutan is located approximately 35 miles east of Unalaska.

**CAUSE OF SPILL:** The cause of the discharge has been determined to be from a leak in the piping on the suction side of the low pressure receiver of the freezer system in the number 2 freezer hold.

**POTENTIAL RESPONSIBLE PARTY (PRP):** Trident Seafoods, Seattle, Washington.

The Arctic Enterprise is a 323 ft fish processor.

**RESPONSE ACTION:** The fish processor Arctic V still remains along side the Arctic Enterprise applying a low pressure water fog to reduce the ammonia vapors. Air monitoring for ammonia outside of the number 2 freezer hold indicate little or no vapors outside of the number 2 freezer. Ammonia measurements are being recorded in multiple locations throughout the vessel every two hours. There have not been any reported injuries from the incident and the crew of 174 personnel has remained on the vessel. The Arctic Enterprise will continue to ventilate the number 2 freezer hold to gain access and make repairs to the freezer system.

**SOURCE CONTROL:** The ammonia system for the number 2 freezer hold has been isolated.

**RESOURCES AFFECTED:** The surrounding area around the number 2 freezer hold of the vessel.

**FUTURE PLANS AND RECOMMENDATIONS:** The vessel crew continues to slowly drain down the isolated part of the freezer system. Once this is done permanent repairs will be made to the piping in the number 2 freezer hold. ADEC continues to monitor the situation. A representative from the U.S. Department of Labor is enroute to Akutan and is expected to arrive on scene tomorrow morning to evaluate compliance with Federal "Process Safety Management" regulations.

**WEATHER:** Cloudy with rain expected this evening, highs in the mid 50s, winds southwest 15 MPH.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander ..... Dave Bishop, Captain of the Arctic Enterprise (PRP)  
F.O.S.C. .... Capt. Ron Morris (USCG)  
S.O.S.C. .... Gary Folley (ADEC)

**FOR ADDITIONAL INFORMATION CONTACT:** John Brown, ADEC, 269-7688

**AGENCY/STAKEHOLDER NOTIFICATION LIST**

AGENCY	NAME	Sent Via		Telephone	Facsimile
USCG-MSO/ANC	Captain Morris	Fax		271-6700	271-6751
USEPA	Matt Carr/Carl Lautenberger	Fax		271-3616	271-3424
OTHER	NAME	Sent Via	Session/Interim	Telephone	Facsimile
DH Port Director	Alvin Osterback			581-1254	581-2519
Unalaska Mayor	Shirley Marquardt	Fax		581-1211	581-1695
House 38/Unalaska	Carl Moses		Anchorage 5/16 - 1/09 Juneau 1/10 - 5/15	269-0275 465-4451	269-0274 465-3445
Senate S/Bethel	Lyman Hoffman	Fax	Bethel/Juneau	465-4453	465-4523

Agency	Name	Sent Via	Additional Info	Telephone	Fax
103 <sup>rd</sup> Civil Support Team (Alaska National Guard)	Emma Thyen	Email	<a href="mailto:Emma.thyen@ak.ngb.army.mil">Emma.thyen@ak.ngb.army.mil</a>	384-9406	384-9414
	Brett Meyer	Email	<a href="mailto:Brett.meyer@ak.ngb.army.mil">Brett.meyer@ak.ngb.army.mil</a>	384-9401	384-9414
	Tod Perkins	Email	<a href="mailto:Tod.perkins@ak.ngb.army.mil">Tod.perkins@ak.ngb.army.mil</a>	384-9403	384-9414
Fairbanks Hazmat	Dave Tyler	Fax		459-1221	459-1499
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	Jim Maltby	Email	<a href="mailto:maltby@awe.lynden.com">maltby@awe.lynden.com</a>	452-4355	
Valdez Hazmat	George Keeney	Email	<a href="mailto:gkeeney@ci.valdez.ak.us">gkeeney@ci.valdez.ak.us</a>	835-4314	835-2992
Kodiak Hazmat	Andy Nault	Email	<a href="mailto:anault@city.kodiak.ak.us">anault@city.kodiak.ak.us</a>	486-8040	
Anchorage Hazmat	Tom Wells	Fax		343-1498	343-1441
State OSHA	Pat Wheat	Email	<a href="mailto:patrick_wheat@labor.state.ak.us">patrick_wheat@labor.state.ak.us</a>	269-4953	
Federal OSHA	Randy White	Email	<a href="mailto:white.randy@dol.gov">white.randy@dol.gov</a>		