

# IAP Cover Sheet

Incident Name:  
Response - GC2 Oil Transit Line Release

Operational Period to be covered by IAP:  
Period 3 (3/3/2006 07:00 to 3/4/2006 07:00)

Approved by:

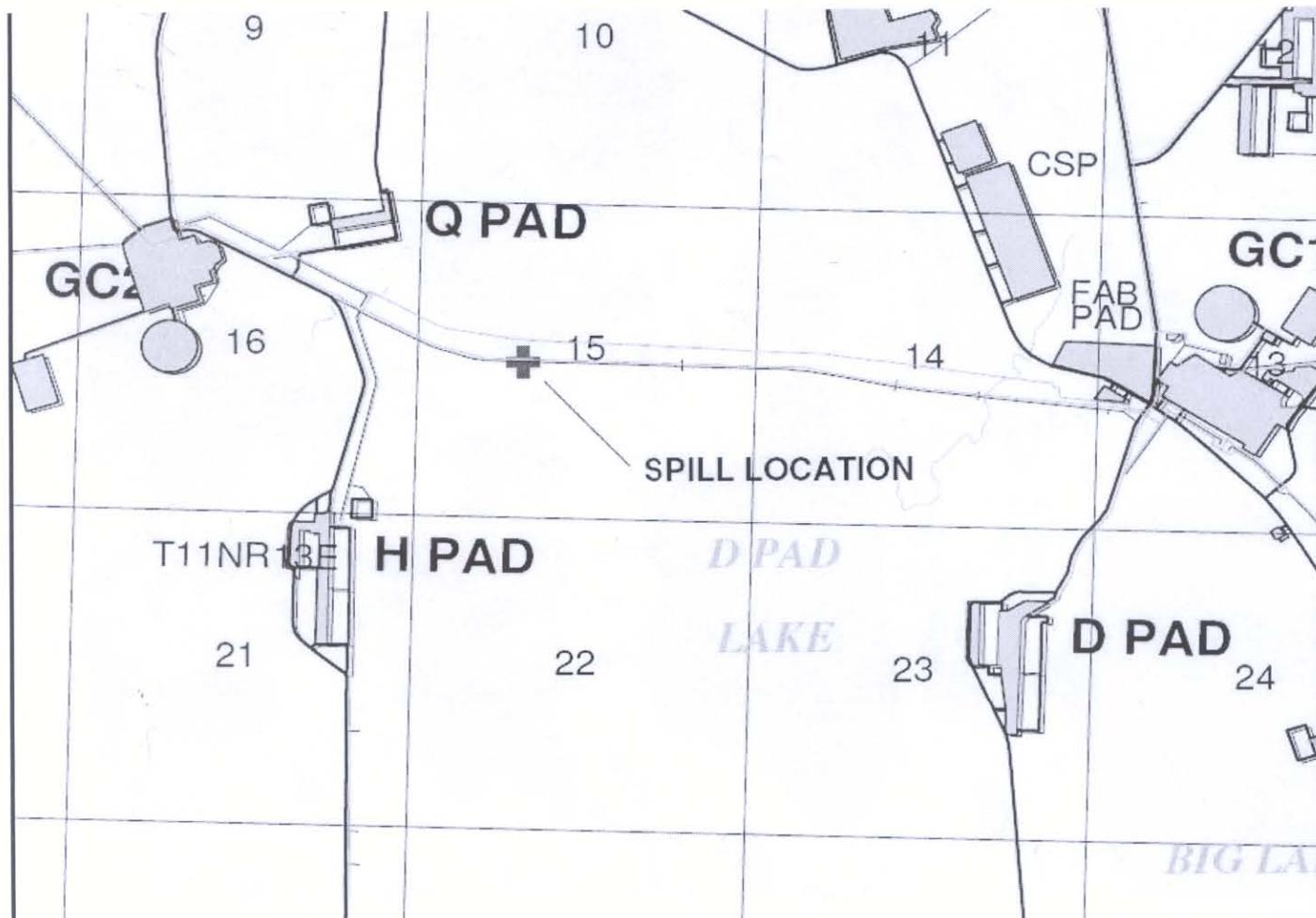
FOSC: *[Signature]*

SOSC: *Keshi A Pearson*

LOSC / NSB: *[Signature]*

RPIC: *Gregg Alexander*

## Incident Action Plan



Prepared By:

Prepared Date/Time: 3/3/2006 00:22

IAP Cover Sheet

Printed: 3/3/2006 10:24

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# IAP Cover Sheet

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Response - GC2 Oil Transit Line Release

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Period 3 (3/3/2006 07:00 to 3/4/2006 07:00)

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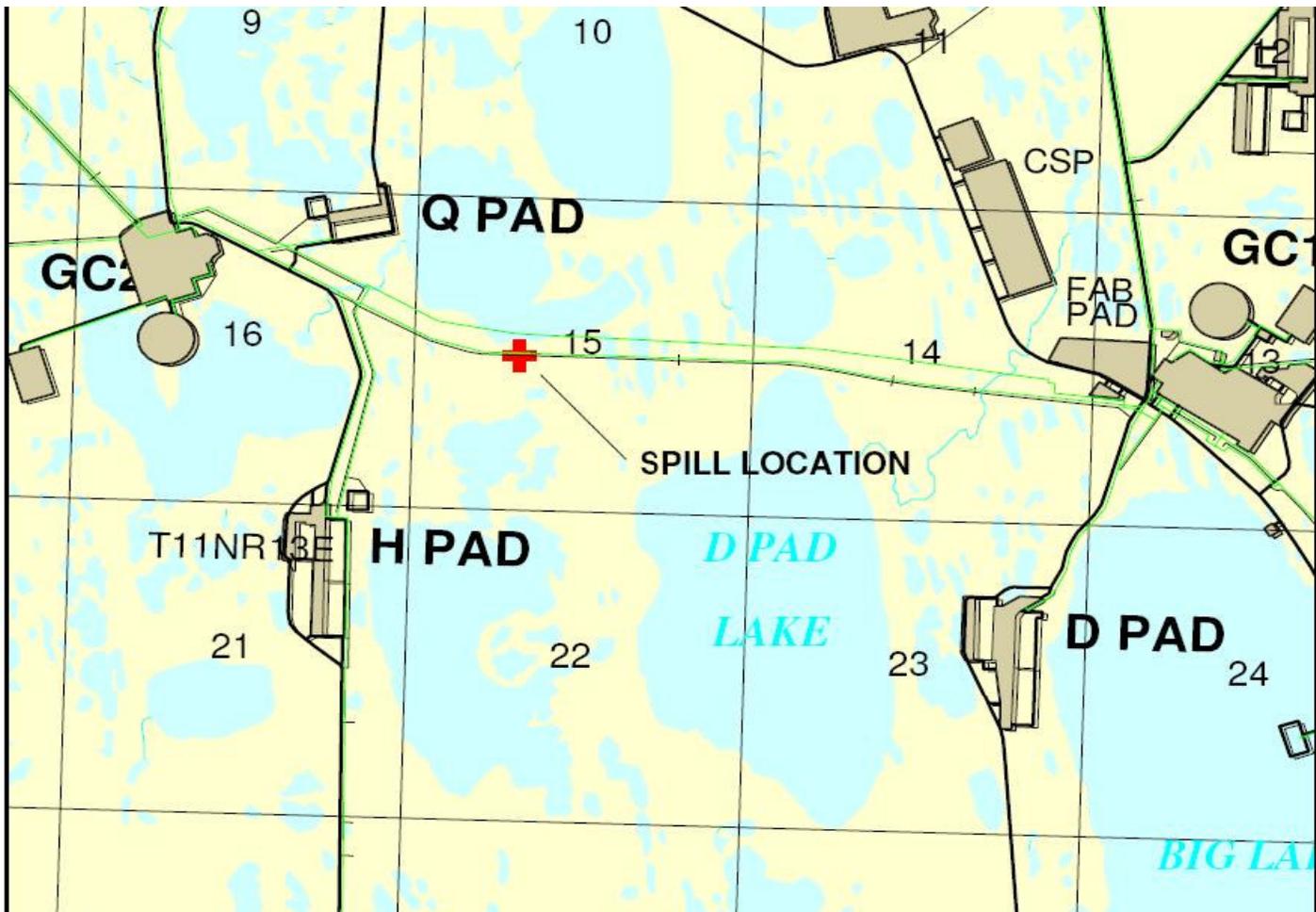
FOSC : \_\_\_\_\_

SOSC : \_\_\_\_\_

LOSC / NSB : \_\_\_\_\_

RPIC : \_\_\_\_\_

## Incident Action Plan



**Prepared By:**

**Prepared Date/Time:**

3/3/2006 00:22

## Weather Report

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Prepared By:</b> Section, Planning at 3/3/2006 10:00
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Version Name:</b> 03/03/06 10:00

### Present Conditions

<b>Wind Speed:</b> 10 mph	<b>Wave Height:</b>
<b>Wind Direction From The:</b> East	<b>Wave Direction:</b>
<b>Air Temperature:</b> -17 deg. F	<b>Swell Height:</b>
<b>Barometric Pressure:</b> 30.04 in	<b>Swell Interval:</b>
<b>Humidity:</b> 77%	<b>Current Speed:</b>
<b>Visibility:</b> 3 miles	<b>Current Direction Toward:</b>
<b>Ceiling:</b> haze	<b>Water Temperature:</b>
<b>Next High Tide (Time):</b>	<b>Next Low Tide (Time):</b>
<b>Next High Tide (Height):</b>	<b>Next Low Tide (Height):</b>
<b>Sunrise:</b> 08:11	<b>Sunset:</b> 18:01

**Notes:** TODAY: MOSTLY CLOUDY. HIGHS 5 TO 10 BELOW. EAST WINDS AROUND 15 MPH.  
 TONIGHT: MOSTLY CLOUDY. LOWS 10 TO 15 BELOW. SOUTHEAST WINDS 5 TO 15 MPH.  
 \*\*\*WIND CHILL ADVISORY CANCELLED\*\*\*

### 24 Hour Forecast

<b>Sunrise:</b> 08:06	<b>Sunset:</b> 18:06
<b>High Tide (Time):</b>	<b>High Tide (Time):</b>
<b>High Tide (Height):</b>	<b>High Tide (Height):</b>
<b>Low Tide (Time):</b>	<b>Low Tide (Time):</b>
<b>Low Tide (Height):</b>	<b>Low Tide (Height):</b>

**Forecast:** 252 AM AST FRI MAR 3 2006  
 .SYNOPSIS FOR ARCTIC COAST...  
 A 1006 MB LOW 100 NM NORTH OF GAMBELL WILL DISSIPATE BY TONIGHT.  
 A TROUGH OF LOW PRESSURE WILL PERSIST FROM POINT LAY EAST TO NEAR  
 BARTER ISLAND. A 1010 MB LOW WILL FORM 60 NM NORTHEAST OF BARTER  
 ISLAND SAT AFTERNOON.

### 48 Hour Forecast

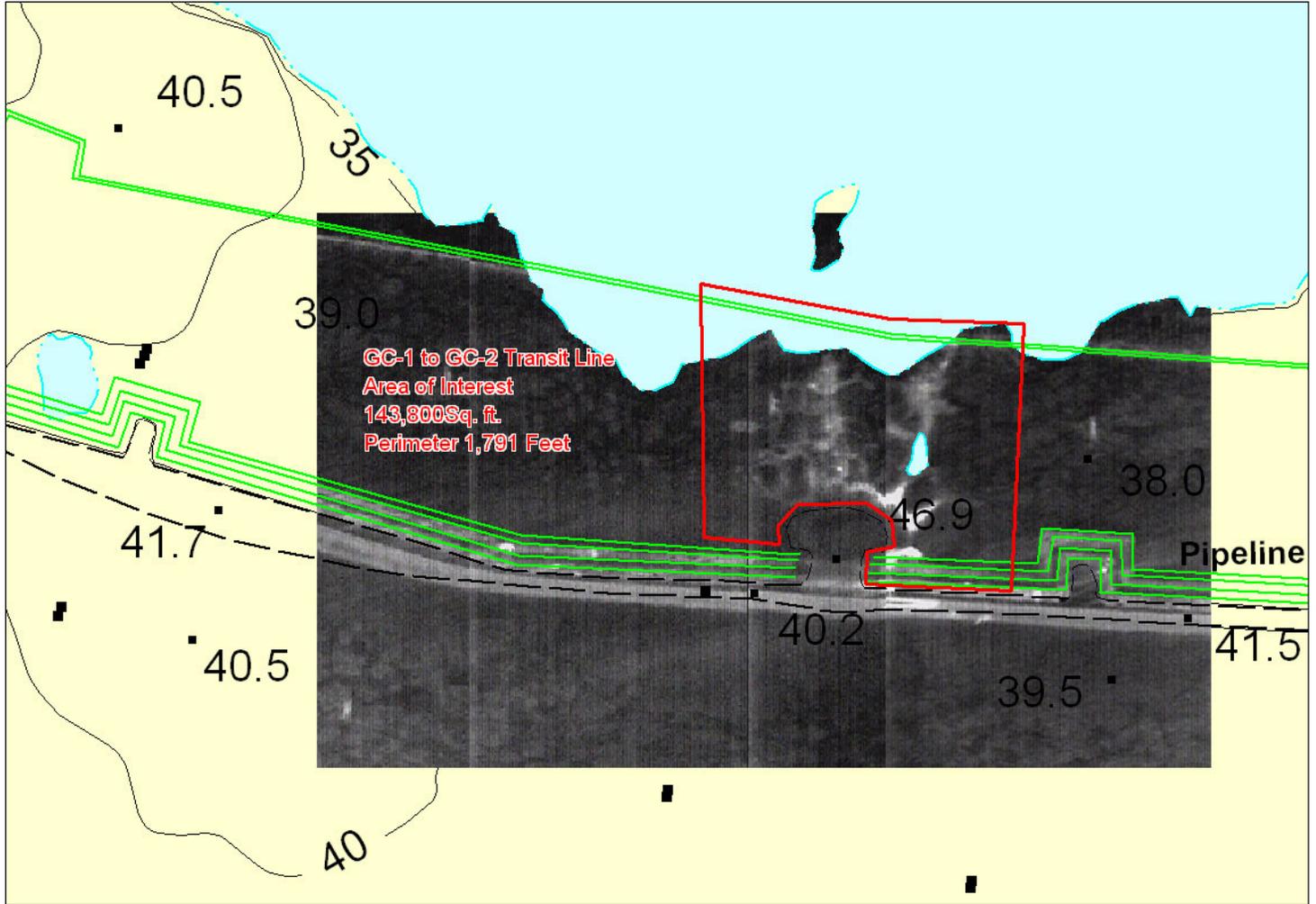
<b>Sunrise:</b> 08:01	<b>Sunset:</b> 18:11
<b>High Tide (Time):</b>	<b>High Tide (Time):</b>
<b>High Tide (Height):</b>	<b>High Tide (Height):</b>
<b>Low Tide (Time):</b>	<b>Low Tide (Time):</b>
<b>Low Tide (Height):</b>	<b>Low Tide (Height):</b>

**Forecast:** Sunday...Partly cloudy. Highs around 5 below. Northeast winds 5 to 15 mph.  
 Sunday Night...Partly cloudy. Lows near 15 below.  
 Monday...Mostly cloudy. Highs near 10 below.

# 3/2/2006 GC2 IR Overlay Map

**Incident:** Response - GC2 Oil Transit Line Release  
**Period:** Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)

**Prepared By:** Section, Planning at 3/3/2006 03:48  
**Version Name:** 3/2/2006 GC2 IR Overlay Map



### 3/2/2006 GC2 Spill Aerial Photo

**Incident:** Response - GC2 Oil Transit Line Release

**Prepared By:** Section, Planning

**at** 3/3/2006 03:46

**Period:** Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)

**Version Name:** 3/2/2006 GC2 Spill Aerial Photo



# GC2 Ice Road and Pad Drawing Annotated

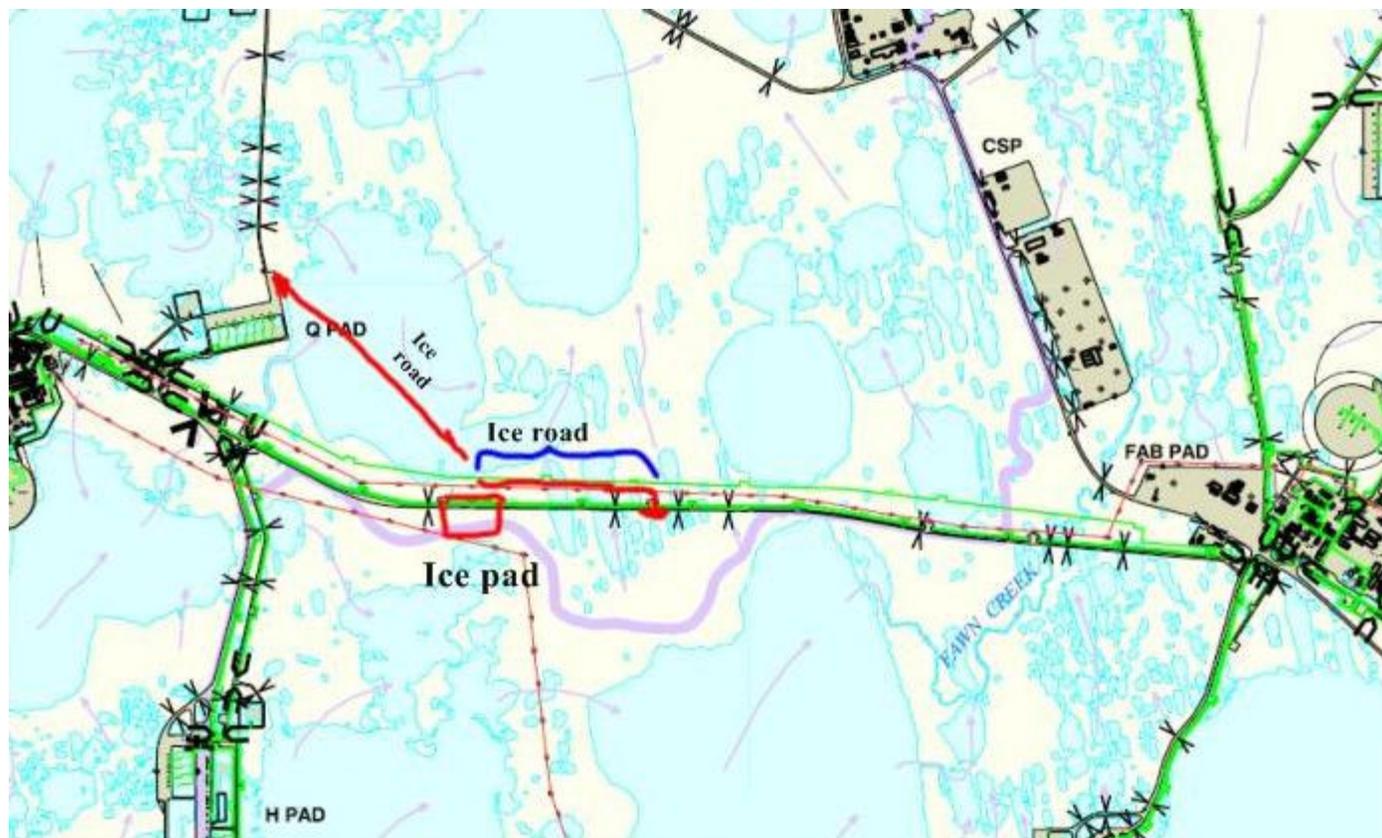
**Incident:** Response - GC2 Oil Transit Line Release

**Prepared By:** Section, Planning

**at** 3/3/2006 07:53

**Period:** Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)

**Version Name:** GC2 Ice Road and Pad Drawing Annotated



## Incident Resources by Area

Incident: Response - GC2 Oil Transit Line Release				Operational Period: Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)			
Resource Type	Resource Description	Supplier	Quantity	Size	Status	Status Datetime	Final Destination
<b><i>Drum Crush Facility</i></b>							
Aircraft: Fixed Wing	BEING COMPLETED NOW	Aviation	1 each		Enroute/Sourced	1/1/2000 00:00	Air Operations
Manpower: Operator	WASHBAY FOR THAWING H	VECO Alaska, Inc.	2 each		Enroute/Sourced	1/1/2000 00:00	Drum Crush Facility
<b><i>EmOC</i></b>							
Equipment: Comms	2 lap tops being installed	IT / Ian	2 each		Enroute/Sourced	1/1/2000 00:00	EmOC
Equipment: Comms	Fax Machine Brothers	Wells Group Library	1 each		Assigned	1/1/2000 00:00	EmOC
Equipment: Comms	Steward putting 10 laptops on	Incident Mgmt Svcs Steward 564-51	10 each		Enroute/Sourced	1/1/2000 00:00	EmOC
Manpower: Operator	assigned @ 907-529-9237	Bryce Cunningham	1 each		Enroute/Sourced	1/1/2000 00:00	EmOC
Manpower: Responder	Chris Gravis - IAP Specialist	TRG	1 each	each	Assigned	3/2/2006 17:30	
Manpower: Responder	IMT Aide	BP Alaska	1 each	each	Assigned	3/2/2006 17:29	
Manpower: Responder	Logistics Support	ASCI	1 each	each	Enroute/Sourced	3/2/2006 15:34	
Manpower: Responder	Medic	BP Alaska	1 each	each	Enroute/Sourced	3/2/2006 17:22	
Manpower: Responder	Security Officers	Purcel Security	2 each	each	Enroute/Sourced	3/2/2006 17:21	
Manpower: Supervisor	ACS Supv	Alaska Clean Seas	1 each	each	Assigned	3/2/2006 12:45	
Manpower: Supervisor	Doc Leader	BP Alaska	1 each	1 each	Assigned	3/2/2006 11:54	
Manpower: Supervisor	Sit Stat Leader	BP Alaska	1 each	1 each	Assigned	3/2/2006 11:45	
<b><i>Field Command</i></b>							
Equipment: Comms	Batteries, Trunk Radio	GCI	5 each	each	Assigned	3/2/2006 21:54	
Equipment: Comms	Charger, Radio	GCI	1 each	each	Assigned	3/2/2006 21:58	
Equipment: Comms	Radio, Trunk	GCI	2 each	each	Assigned	3/2/2006 21:57	
Manpower: Responder	5 woa/5eoa	BP Alaska	10 each	each	Enroute/Sourced	3/2/2006 21:51	
Manpower: Responder	SRT Personnel	Alyeska Pipeline Service Co	4 each		Assigned	3/2/2006 21:58	Free Oil Recovery
Manpower: Responder	SRT Personnel	Miline Point	3 each		Assigned	3/2/2006 21:58	Free Oil Recovery
Manpower: Supervisor	ACS Supv	Alaska Clean Seas	2 each	each	Assigned	3/2/2006 12:45	
Miscellaneous	Ice Pad	Conam	1 each	each	Enroute/Sourced	3/2/2006 21:20	
Miscellaneous	Nut Plug	Warehouse Stck	10 each		Enroute/Sourced	1/1/2000 00:00	Staging Area - GC-2
Miscellaneous	Sleeve Material	VECO Alaska, Inc.	1 each	48 inch(es)	Assigned	3/2/2006 17:34	
Portable Toilets	Envirovac	Conam	1 each	each	Assigned	3/2/2006 21:53	
Vehicle	Sand Truck	Conam	1 each	each	Demobilized	3/2/2006 22:59	
<b><i>Freeze Protection</i></b>							
Equipment: Heavy	Pump Trucks	Little Red Svcs	6 each	each	Assigned	3/2/2006 11:55	
Vacuum Truck	Fluid Haulers for Freeze Prote	VECO Alaska, Inc.	8 each	each	Assigned	3/2/2006 11:45	
<b><i>Ice Pad &amp; Ice Roads</i></b>							
Equipment: Heavy	Dump Truck	Conam	3 each		Assigned	3/3/2006 05:43	
Equipment: Heavy	Front End Loader	Conam	2 each		Assigned	3/3/2006 05:42	

## Incident Resources by Area

Incident: Response - GC2 Oil Transit Line Release				Operational Period: Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)			
Resource Type	Resource Description	Supplier	Quantity	Size	Status	Status Datetime	Final Destination
<b><i>Ice Pad &amp; Ice Roads</i></b>							
Equipment: Heavy	Water Truck	Conam	2 each	each	Assigned	3/3/2006 05:43	
<b><i>Liquid Product Recovery</i></b>							
Manpower: Responder	3/3 Day Shift	Alaska Clean Seas	10 each	each	Enroute/Sourced	3/2/2006 21:59	
Manpower: Responder	3/3 Night Shift	Alaska Clean Seas	30 each	each	Enroute/Sourced	3/2/2006 22:01	
Vacuum Truck	300bbl	VECO Alaska, Inc.	2 each	300 barrel(s)	Assigned	3/2/2006 23:00	
<b><i>Staging Area - GC-2 Roadside</i></b>							
Equipment: Heavy	1ea from Kup, 3ea from FBX 2	Kuparuk/FBX	4 each		Enroute/Sourced	1/1/2000 00:00	Free Oil Recovery
Equipment: Heavy	T190 Bobcat	Alaska Clean Seas	1 each		Enroute/Sourced	1/1/2000 00:00	Free Oil Recovery
Equipment: Small	Ice Auger	Alaska Clean Seas	1 each	each	Enroute/Sourced	3/2/2006 23:40	
Miscellaneous	Containment Pads 30X30X4	BP Alaska	8 each	each	Enroute/Sourced	3/2/2006 22:59	
Miscellaneous	3" Suction Hose	Alaska Clean Seas	200 feet		Enroute/Sourced	1/1/2000 00:00	Free Oil Recovery
Miscellaneous	heater hose trunk, 12"	BP Alaska	10 each		(Unknown)	3/3/2006 08:58	
Miscellaneous	Organic vapor cartridges	C-Pad Whse	48 each		Enroute/Sourced	1/1/2000 00:00	Free Oil Recovery
Miscellaneous	Respirator	C-Pad Whse	24 each		Enroute/Sourced	1/1/2000 00:00	Free Oil Recovery
<b><i>Staging Area - Santa Fe Pad</i></b>							
Aircraft: Helo	FLIR Flyover	ERA Aviation	1 each	each	Released	3/2/2006 11:57	
Equipment: Heavy	Front End Loader	VECO Alaska, Inc.	2 each	each	Assigned	3/2/2006 12:03	
Equipment: Small	Heater	VECO Alaska, Inc.	0 each	each	Assigned	3/2/2006 15:15	
Equipment: Small	Heater	VECO Alaska, Inc.	6 each	each	At Staging	3/2/2006 15:15	
Facilities	MCC	BP Alaska	1 each		At Staging	3/2/2006 11:46	
Lighting	Light Plants	VECO Alaska, Inc.	6 each	each	At Staging	3/2/2006 18:24	
Manpower: Operator	Insulation Crew	VECO Alaska, Inc.	4 each	each	Assigned	3/2/2006 13:19	
Manpower: Operator	Leak Detection	BP Alaska	1 each	each	Demobilized	3/2/2006 12:01	
Manpower: Responder	Mutal Aide	BP Alaska	12 each	each	Enroute/Sourced	3/2/2006 13:22	
Manpower: Responder	Personnel	Alaska Clean Seas	20 each	each	Out-of-Service	3/2/2006 12:00	
Miscellaneous	MARTY x5047 CALLED PEAK	Peak Construction	1 each		Enroute/Sourced	1/1/2000 00:00	Field Command
Miscellaneous	Plywood	BP Alaska	20 each	each	Assigned	3/2/2006 12:45	
Miscellaneous	Snow Cave Probe	VECO Alaska, Inc.	12 each	each	At Staging	3/2/2006 15:22	
Portable Toilets	Envirovac	VECO Alaska, Inc.	1 each	each	Assigned	3/2/2006 15:11	
Storage: Liquid	Tank Open Top	Wells Services	8 each	400 barrel(s)	At Staging	3/2/2006 16:46	
Vacuum Truck	300bbl	VECO Alaska, Inc.	4 each	300 barrel(s)	At Staging	3/2/2006 11:46	
<b><i>Staging Area - TankCo Yard</i></b>							
Storage: Liquid	Tank Closed Top	Tankco	1 each	616 barrel(s)	At Staging	3/2/2006 16:39	
Storage: Liquid	Tank Open Top	Tankco	1 each	280 barrel(s)	At Staging	3/2/2006 16:38	

## Incident Resources by Area

**Incident:** Response - GC2 Oil Transit Line Release

**Operational Period:** Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)

Resource Type	Resource Description	Supplier	Quantity	Size	Status	Status Datetime	Final Destination
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***Staging Area - TankCo Yard***

Storage: Liquid	Tank Open Top	Tankco	1 each	572 barrel(s)	At Staging	3/2/2006 16:36	
Storage: Liquid	Tank Open Top	Tankco	1 each	280 barrel(s)	At Staging	3/2/2006 16:42	
Storage: Liquid	Tank Tiger	Tankco	1 each	500 barrel(s)	At Staging	3/2/2006 16:45	
Storage: Liquid	Tank Tiger	Tankco	1 each	500 barrel(s)	At Staging	3/2/2006 16:44	
Storage: Liquid	Tank Tiger	Tankco	1 each	500 barrel(s)	At Staging	3/2/2006 16:43	
Storage: Liquid	Tank Tiger	Tankco	1 each	500 barrel(s)	At Staging	3/2/2006 16:43	
Storage: Liquid	Tank Upright	Tankco	1 each	400 barrel(s)	At Staging	3/2/2006 16:41	
Storage: Liquid	Tank Upright	Tankco	1 each	400 barrel(s)	At Staging	3/2/2006 16:40	
Storage: Liquid	Tank Upright	Tankco	1 each	400 barrel(s)	At Staging	3/2/2006 16:39	

***Veco Fab Shop***

Miscellaneous	Flanges Spool Material	VECO Alaska, Inc.	4 each	each	Enroute/Sourced	3/2/2006 17:38	
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# ICS 202 - General Response Objectives

**Incident:** Response - GC2 Oil Transit Line Release      **Prepared By:** Section, Planning      **at** 3/3/2006 00:22

**Period:** Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)      **Version Name:** Period 3

## Overall and Tactical Objectives

**Assigned To**

**Status**

No Injuries to Responders

Source Control: Determine location of leak

Continue delineation of affected area

Confirm containment of Affected Areas

Continue cleanup and recovery operations

Identify Sensitive Areas

Identify Wildlife Concerns

Control of Information - Document all activities - Release to appropriate agencies & organizations only

Complete and implement Freeze Protection Plan

Develop fluid gathering point and recycle site

**Approved By**

: \_\_\_\_\_

## ICS 203 - Organization Assignment

**Incident:** Response - GC2 Oil Transit Line Release      **Prepared By:** Section, Planning      **at** 3/3/2006 02:10

**Period:** Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)      **Version Name:** Day Shift - 3/3/2006 0700-1900

### Incident Commander and Staff

Title	Name	Mobile	Pager	Other	Radio
Federal On Scene Coordinator	Carr, Matt				
State On Scene Coordinator	Pearson, Leslie				
Local On-Scene Coordinator	Brower, Gordon				
Incident Commander	Alexander, Gregg				
Deputy Incident Commander	Shanholtzer, Darrell		(907) 659-4236		
Safety Officer	Langly, Pete				
Administrative Assistant	Moore, Renee				
ICS/IMT Specialist	Majors, Lee	(907)317-5531 or	659-5100 #1576	(907)346-2820	

### Operations Section

Title	Name	Mobile	Pager	Other	Radio
Operations Section Chief	Milan, Arthur			659-5043	
Operations Section Deputy	Bixby, Jerry				
On-Scene Commander	Croghan, Shawn K.			659-4879	
Staging Area Manager	Hurlbut, Bob			659-4379	
Staging Area Assistant	Sandvick, Del				
Air Ops Branch Director	Cunningham, Bryce	(907)529-9237		(907)677-0679	

### Planning Section

Title	Name	Mobile	Pager	Other	Radio
Planning Section Chief	Gremley, Richard b.		(907) 659-4236		
Situation Unit Leader	Heily, Tim		659-8572		
Resource Unit Leader	Shelton, Mike		659-8571		
Documentation Unit Leader	Roland, Bill R.		907-670-3471 -		
Environmental Unit	Booth, John L.				

### Logistics Section

Title	Name	Mobile	Pager	Other	Radio
Logistics Section Chief	Hodge, Trey	659-5197			
Logistics Section Deputy	Lewis, Mark S.	659-5197	(907) 659-5100		
Medical Unit Leader	Burnell, Heather	659-5170			
Communications Unit Leader	Stanford, Mike	659-5447			
Supply Unit Leader	Suzuki, Darrell	659-5352			
Facilities Unit Leader	Barnes, Mark	659-5151			
Security Unit Leader	Bunn, Leroy	659-5425			
Ground Support Unit Leader	Howell, Charlie	659-5835			

## ICS 203 - Organization Assignment

**Incident:** Response - GC2 Oil Transit Line Release      **Prepared By:** Section, Planning      **at** 3/3/2006 00:23

**Period:** Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)      **Version Name:** Night Shift - 03/02/06 22:28

### Incident Commander and Staff

Title	Name	Mobile	Pager	Other	Radio
Federal On Scene Coordinator	Carr, Matt				
State On Scene Coordinator	Pearson, Leslie				
Local On Scene Coordinator	Brower, Gordon				
Incident Commander	Selman, Kenneth R.				
Deputy Incident Commander	Luedtke, Don E.				
Safety Officer	Pokryfki, Vince				
Administrative Assistant	Pinnow, Melba T.				
ICS/IMT Specialist	Hall, Christopher	(510)612-0246			

### Operations Section

Title	Name	Mobile	Pager	Other	Radio
Operations Section Chief	Cusack, Louis	907-529-5825	1354	659-5043	
Operations Deputy Section Chief	Rhoads, Christopher "Chri:	253-905-6123	1115		
Staging Area Manager	Rutherford, Barron				

### Planning Section

Title	Name	Mobile	Pager	Other	Radio
Planning Section Chief	Mullins, James B.	252-7350	659-5100, 1273	659-8239	
Planning Deputy Section Chief	Ebersole, Michael J.		(907) 659-4236		
Situation Unit Leader	Holloway, Emberley				
Resource Unit Leader	Ernest, Eric				
Documentation Unit Leader	Holbrook, Teresa L. "Terri"	(907) 373-8590	(907) 659-5100	659-8608	
Environmental Unit Leader	Collver, Bryan f.		(907) 659-5100		
IAP Specialist	Gravis, Chris	(907) 240-2234			

### Logistics Section

Title	Name	Mobile	Pager	Other	Radio
Logistics Section Chief	Roberts, Gary W.		(907) 659-4236-		
Logistics Deputy Section Chief	Thornton, Harry P.	(907) 229-5096	(907) 659-5100		
Service Branch Director	Ballard, Joe				

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# ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Air Operations
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b>
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

## Operations Personnel

Title	Person	Radio	Phone	Pager
Fly-over Recorder	Shannon, Jim			

## Assignments

Air Operations

## Description of Work

Fly over spill and video the area.

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Drum Crush Facility
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Drum Crush Facility</i>					
Aviation	Aircraft: Fixed Wing	BEING COMPLETEI	1 each		Enroute/Sourced

### Incident Resources - Manpower

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Drum Crush Facility</i>					
VECO Alaska, Inc.	Manpower: Operator	WASHBAY FOR TH/	2 each		Enroute/Sourced

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b>
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Operations Personnel

Title	Person	Radio	Phone	Pager
Spill Unit Leader	Rutherford, Barron			

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
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#### *Drum Crush Facility*

Aviation	Aircraft: Fixed Wing	BEING COMPLETE	1 each		Enroute/Sourced
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#### *Field Command*

GCI	Equipment: Comms	Batteries, Trunk Rad	5 each	each	Assigned
GCI	Equipment: Comms	Charger, Radio	1 each	each	Assigned
GCI	Equipment: Comms	Radio, Trunk	2 each	each	Assigned
Conam	Portable Toilets	Envirovac	1 each	each	Assigned
Conam	Vehicle	Sand Truck	1 each	each	Demobilized

#### *Ice Pad & Ice Roads*

Conam	Equipment: Heavy	Dump Truck	3 each		Assigned
Conam	Equipment: Heavy	Front End Loader	2 each		Assigned
Conam	Equipment: Heavy	Water Truck	2 each	each	Assigned

#### *Liquid Product Recovery*

VECO Alaska, Inc.	Vacuum Truck	300bbl	2 each	300 barrel(	Assigned
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#### *Staging Area - GC-2 Roadside*

Alaska Clean Seas	Equipment: Heavy	T190 Bobcat	1 each		Enroute/Sourced
Alaska Clean Seas	Equipment: Small	Ice Auger	1 each	each	Enroute/Sourced

#### *Staging Area - Santa Fe Pad*

ERA Aviation	Aircraft: Helo	FLIR Flyover	1 each	each	Released
VECO Alaska, Inc.	Equipment: Heavy	Front End Loader	2 each	each	Assigned
VECO Alaska, Inc.	Equipment: Small	Heater	6 each	each	At Staging
VECO Alaska, Inc.	Equipment: Small	Heater	0 each	each	Assigned
VECO Alaska, Inc.	Lighting	Light Plants	6 each	each	At Staging
VECO Alaska, Inc.	Portable Toilets	Envirovac	1 each	each	Assigned
Wells Services	Storage: Liquid	Tank Open Top	8 each	400 barrel(	At Staging
VECO Alaska, Inc.	Vacuum Truck	300bbl	4 each	300 barrel(	At Staging

#### *Staging Area - TankCo Yard*

Tankco	Storage: Liquid	Tank Closed Top	1 each	616 barrel(	At Staging
Tankco	Storage: Liquid	Tank Open Top	1 each	572 barrel(	At Staging
Tankco	Storage: Liquid	Tank Open Top	1 each	280 barrel(	At Staging
Tankco	Storage: Liquid	Tank Open Top	1 each	280 barrel(	At Staging
Tankco	Storage: Liquid	Tank Tiger	1 each	500 barrel(	At Staging
Tankco	Storage: Liquid	Tank Tiger	1 each	500 barrel(	At Staging
Tankco	Storage: Liquid	Tank Tiger	1 each	500 barrel(	At Staging
Tankco	Storage: Liquid	Tank Tiger	1 each	500 barrel(	At Staging

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b>
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<b>Staging Area - TankCo Yard</b>					
Tankco	Storage: Liquid	Tank Upright	1 each	400 barrel	At Staging
Tankco	Storage: Liquid	Tank Upright	1 each	400 barrel	At Staging
Tankco	Storage: Liquid	Tank Upright	1 each	400 barrel	At Staging

### Incident Resources - Manpower

Supplier	Resource Type	Description	Quantity	Size	Status
<b>Drum Crush Facility</b>					
VECO Alaska, Inc.	Manpower: Operator	WASHBAY FOR TH/	2 each		Enroute/Sourced

### **Field Command**

BP Alaska	Manpower: Responder	5 woa/5eoa	10 each	each	Enroute/Sourced
Alyeska Pipeline Service Co	Manpower: Responder	SRT Personnel	4 each		Assigned
Milne Point	Manpower: Responder	SRT Personnel	3 each		Assigned
Alaska Clean Seas	Manpower: Supervisor	ACS Supv	2 each	each	Assigned

### **Liquid Product Recovery**

Alaska Clean Seas	Manpower: Responder	3/3 Day Shift	10 each	each	Enroute/Sourced
Alaska Clean Seas	Manpower: Responder	3/3 Night Shift	30 each	each	Enroute/Sourced

### **Staging Area - Santa Fe Pad**

VECO Alaska, Inc.	Manpower: Operator	Insulation Crew	4 each	each	Assigned
BP Alaska	Manpower: Operator	Leak Detection	1 each	each	Demobilized
BP Alaska	Manpower: Responder	Mutal Aide	12 each	each	Enroute/Sourced
Alaska Clean Seas	Manpower: Responder	Personnel	20 each	each	Out-of-Service

### Tactical Objective

Tactic L-2

### Location of Work

Santa Fe Pad

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Staging Area - Santa Fe Pad
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<b>Staging Area - Santa Fe Pad</b>					
ERA Aviation	Aircraft: Helo	FLIR Flyover	1 each	each	Released
VECO Alaska, Inc.	Equipment: Heavy	Front End Loader	2 each	each	Assigned
VECO Alaska, Inc.	Equipment: Small	Heater	6 each	each	At Staging
VECO Alaska, Inc.	Equipment: Small	Heater	0 each	each	Assigned
VECO Alaska, Inc.	Lighting	Light Plants	6 each	each	At Staging
VECO Alaska, Inc.	Portable Toilets	Envirovac	1 each	each	Assigned
Wells Services	Storage: Liquid	Tank Open Top	8 each	400 barrel(	At Staging
VECO Alaska, Inc.	Vacuum Truck	300bbl	4 each	300 barrel(	At Staging

### Incident Resources - Manpower

Supplier	Resource Type	Description	Quantity	Size	Status
<b>Staging Area - Santa Fe Pad</b>					
VECO Alaska, Inc.	Manpower: Operator	Insulation Crew	4 each	each	Assigned
BP Alaska	Manpower: Operator	Leak Detection	1 each	each	Demobilized
BP Alaska	Manpower: Responder	Mutal Aide	12 each	each	Enroute/Sourced
Alaska Clean Seas	Manpower: Responder	Personnel	20 each	each	Out-of-Service

### Assignments

Fluid gathering

### Location of Work

Santa Fe Pad

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Staging Area - GC-2 Roadside
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Staging Area - GC-2 Roadside</i>					
Alaska Clean Seas	Equipment: Heavy	T190 Bobcat	1 each		Enroute/Sourced
Alaska Clean Seas	Equipment: Small	Ice Auger	1 each	each	Enroute/Sourced

### Assignments

Personnel and Equipment Check-In

### Description of Work

Personnel and Equipment Check-In

### Location of Work

GC-2

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Staging Area - TankCo Yard
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Staging Area - TankCo Yard</i>					
Tankco	Storage: Liquid	Tank Closed Top	1 each	616 barrel	At Staging
Tankco	Storage: Liquid	Tank Open Top	1 each	280 barrel	At Staging
Tankco	Storage: Liquid	Tank Open Top	1 each	572 barrel	At Staging
Tankco	Storage: Liquid	Tank Open Top	1 each	280 barrel	At Staging
Tankco	Storage: Liquid	Tank Tiger	1 each	500 barrel	At Staging
Tankco	Storage: Liquid	Tank Tiger	1 each	500 barrel	At Staging
Tankco	Storage: Liquid	Tank Tiger	1 each	500 barrel	At Staging
Tankco	Storage: Liquid	Tank Tiger	1 each	500 barrel	At Staging
Tankco	Storage: Liquid	Tank Upright	1 each	400 barrel	At Staging
Tankco	Storage: Liquid	Tank Upright	1 each	400 barrel	At Staging
Tankco	Storage: Liquid	Tank Upright	1 each	400 barrel	At Staging

### Assignments

Vendor Yard with identified available resources.  
 LISTED RESOURCES ARE NOT ASSIGNED TO THIS INCIDENT YET. THESE RESOURCES ARE AVAILABLE,  
 UNASSIGNED.

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Safety
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Assignments

Monitor site and personnel safety.

### Special Instructions for Division / Group

Pay particular attention to out-of-area personnel regarding cold weather safety. Perform continuous monitoring for potential health hazards.

### Tactical Objective

Tactics S-1, S-2, S-3, S-4, S-5

### Description of Work

Monitor site and personnel safety.

### Location of Work

At all incident areas.

# ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Decon
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

## Assignments

Equipment and Personnel Decontamination

## Tactical Objective

Tactic S-6

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Liquid Product Recovery
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Liquid Product Recovery</i>					
VECO Alaska, Inc.	Vacuum Truck	300bbl	2 each	300 barrel	Assigned

### Incident Resources - Manpower

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Liquid Product Recovery</i>					
Alaska Clean Seas	Manpower: Responder	3/3 Day Shift	10 each	each	Enroute/Sourced
Alaska Clean Seas	Manpower: Responder	3/3 Night Shift	30 each	each	Enroute/Sourced

### Assignments

1. Continue to recover spilled product with 2 vacuum trucks
2. If possible, additional vacuum trucks will be brought in to recover spilled product. Physical access is the limiting factor.

### Tactical Objective

Tactic R-6 Direct Suction

### Description of Work

1. Continue to recover spilled product with 2 vacuum trucks
2. If possible, additional vacuum trucks will be brought in to recover spilled product. Physical access is the limiting factor.

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Solid Product Recovery
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Tactical Objective

Tactic R-1 (Removal of containment snow and liquid product)

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Containment
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Tactical Objective

Tactics C-1 (and R-14 under ice)

### Description of Work

The following strategy for containment has been implemented. Planned work will include using equipment such as tracked bobcats to move snow down to tundra level from the outer edge of the delineated contaminated area to present a buffer zone and build snow berms. The buffer zone will be monitored to ensure the oil is not migrating beyond the delineation boundaries via polygonal channels or other depressions in the tundra. If migration is detected, then the snow berms will be moved into those locations to contain it. Once the berms are in place, they will be monitored for wind erosion and if they are being eroded, water spray may be used to coat the snow to provide an ice cap and prevent further wind erosion.

### Location of Work

At pipeline leak site around delineated areas of oil impact

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Delineation Group
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Assignments

Freeze Protection

### Tactical Objective

Tactics T-1, T-2, T-3

### Description of Work

Use 4 bobcats to clear snow down and create a buffer zone around the delineated spill area to aid in monitoring the movement of product.  
Divide the delineated areas into manageable divisions. (Ex. Division A, B, C, etc.)

### Location of Work

Pipeline Site and impacted area

### Special Site-Specific Safety Considerations

Hot, warm and cold zones are established.

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Field Command
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b> Ice Pad & Ice Roads
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Ice Pad &amp; Ice Roads</i>					
Conam	Equipment: Heavy	Dump Truck	3 each		Assigned
Conam	Equipment: Heavy	Front End Loader	2 each		Assigned
Conam	Equipment: Heavy	Water Truck	2 each	each	Assigned

### Assignments

Increase site access by building ice roads and transition pads.

### Special Instructions for Division / Group

See site map with ice layout.

### Tactical Objective

Tactic L-1

### Description of Work

Increase site access by building ice roads and transition pads.

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Source Control
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b>
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Operations Personnel

Title	Person	Radio	Phone	Pager
Operations Section Chief				

### Assignments

De-inventory transit line

### Description of Work

1. Continue working plan with Engineering to access the line using hot-tap procedures.
2. Continue evaluating pigging options with BP Operations and Alyeska.

### Location of Work

Includes fabrication of 72" Sleeve at Veco Fabrication Shop.

Also 48" sleeve at Santa Fe Pad Staging (2130)

## ICS 204 - Assignment List

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Branch:</b> Freeze Protection
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Division/Group:</b>
<b>Prepared By Signature:</b>	<b>Task Force:</b>
<b>Approved By Signature:</b>	

### Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Freeze Protection</i>					
Little Red Svs	Equipment: Heavy	Pump Trucks	6 each	each	Assigned
VECO Alaska, Inc.	Vacuum Truck	Fluid Haulers for Fre	8 each	each	Assigned

### Assignments

Continue the freeze protection effort in the GC-2 Asset area

### Description of Work

Continue the freeze protection effort in the GC-2 Asset area

### Location of Work

WOA Well Pads

## ICS 205 - Communications Plan

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Prepared By:</b> Section, Planning <span style="float: right;"><b>at</b> 3/3/2006 00:22</span>
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Version Name:</b> p3 03/03/06 00:22

### Phone Listing

Name	Main Phone	Fax	Other Number - Desc.	Other Number - Desc.	Radio?
EmOC	659-8479	659-5259	659-8393 - Fax-Transn	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
MCC Command		659-4879	659-4877 - Fax-Transn	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Incident Command Post	659-8046	659-8393	- Pager	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Site Safety Officer	659-8161		- Pager	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Air Ops Branch Director	659-5425		- Pager	-	<input type="radio"/> Yes <input checked="" type="radio"/> No
Staging Area Manager	659-5142		659-8578 - Pager	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Medical	659-5348		659-8578 - Pager	-	<input checked="" type="radio"/> Yes <input type="radio"/> No

### Radio Utilization

System	Channel	Function	Frequency	Assignment	Notes
NS VHF Oilspill	37	Relay C2 Traffic	Tx- 158.325 Rx- 153.485	EmOC	Repeater @ WOA / GC2 Radio Call Sign is "EmOC"
NS VHF Oilspill	37	Tactical Command	Tx- 158.325 Rx- 153.485	On-Scene Commander	Repeater @ WOA / GC2
NS VHF Oilspill	37		Tx- 158.325 Rx- 153.485	Incident Command Post	Repeater @ WOA / GC2 Radio Call Sign is "ICP"
NS VHF Oilspill	37		Tx- 158.325 Rx- 153.485	Fire Chief	Repeater @ WOA / GC2
NS VHF Oilspill	37		Tx- 158.325 Rx- 153.485	Site Safety Officer	Repeater @ WOA / GC2
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Branch Director Tactical/Source Control	

## ICS 205 - Communications Plan

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Prepared By:</b> Section, Planning <span style="float: right;"><b>at</b> 3/3/2006 00:22</span>
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Version Name:</b> p3 03/03/06 00:22

### Radio Utilization

System	Channel	Function	Frequency	Assignment	Notes
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Division/Group Supervisor	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Wildlife Hazing/Recovery Group	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Task Force A Leader	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Task Force B Leader	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Task Force C Leader	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Task Force D Leader	
NS VHF Oilspill	30	Tactical Command	Tx- 173.225 Rx- 173.225	Staging Area Manager	
NS VHF Oilspill	30	Tactical Command	Tx- 173.225 Rx- 173.225	Staging Area Dispatch	Call Sign is "Staging Dispatch"
NS VHF Oilspill	30	Tactical Command	Tx- 173.225 Rx- 173.225	Medical	
NS VHF Oilspill	30	Tactical Command	Tx- 173.225 Rx- 173.225	Beach Master	
NAT UHF Oilspill G/A		Tactical Command	Tx- 459.000 Rx- 454.000 G/A- 122.85	Heliport Manager	

## ICS 206 - Medical Plan

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Prepared By:</b> Section, Planning at 3/3/2006 00:22
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Version Name:</b> North Slope Responses 3/2/06 - 16:30

### Medical Aid Stations

Name	Location	Paramedics (On-Site)	Phone	Radio
BOC	WOA	No	659-4315	
PBOC	EOA	No	659-5239	

### Transportation (Ground and/or Ambulances Services)

Name	Location	Paramedics	Phone	Radio
LifeFlight Air Ambulance	Anchorage, AK		(800) 478-9111	
Air Logistics - Anchorage	Anchorage, AK		(907) 248-3335/452	
Shared Services Medi-Evac Line	Anchorage, AK		(907) 263-3562	

### Hospitals

Name	Location	Helipad	Burn Center	Phone	Radio
Alaska Regional Hospital	Anchorage, AK	Yes	No	(907) 276-1130/175	
Providence Alaska Medical Center	Anchorage, AK	Yes	Yes	(907) 562-2211	
Fairbanks Memorial Hospital	Fairbanks, AK			(907) 452-8181	
North Slope Borough Medical	Barrow, AK			(907) 852-2822	

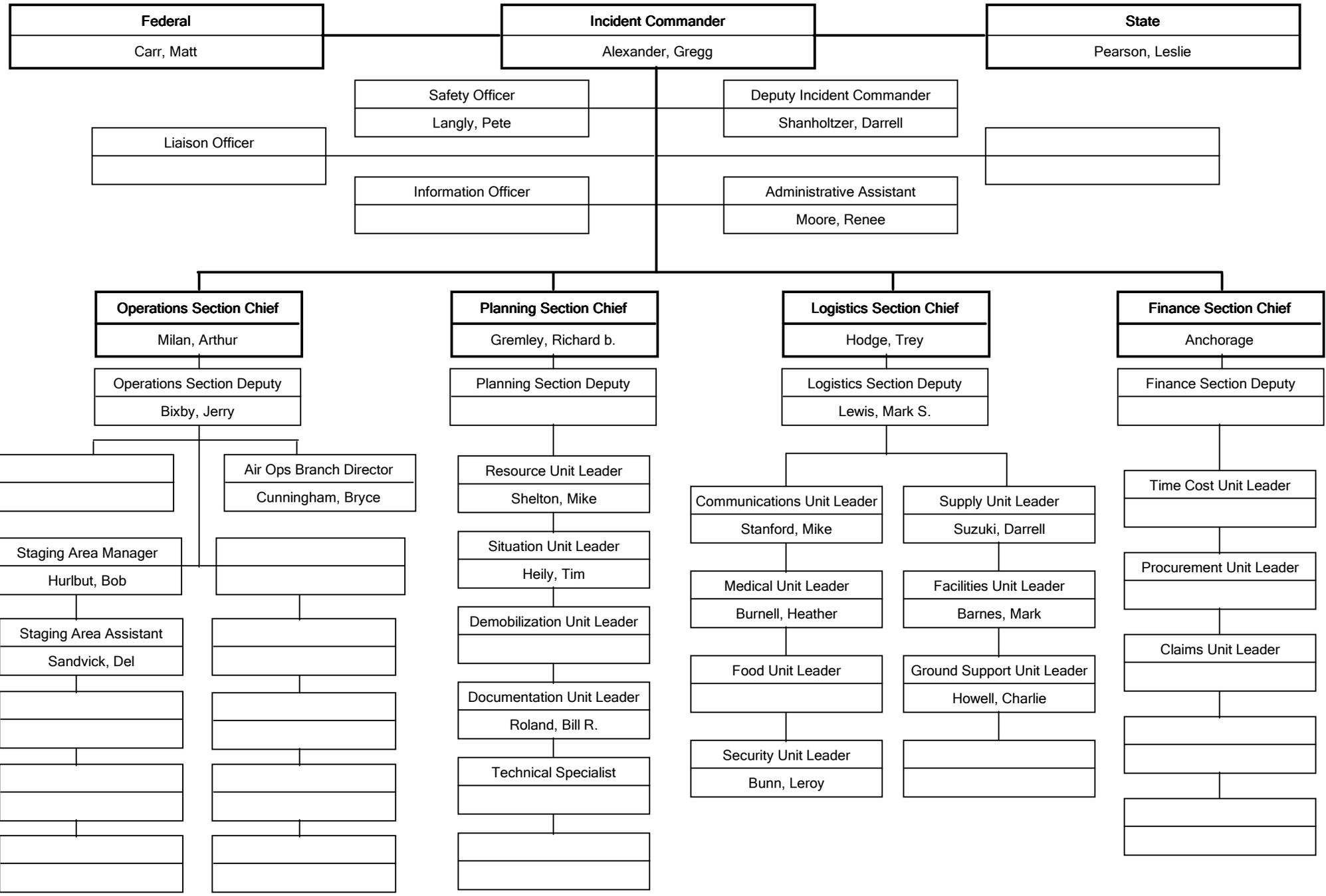
### Special Medical Emergency Procedures

In the event of an emergency call 911. Ambulance call signs - Medic 1, Medic 2 at BOC, Medic 3, Medic 4 at PBOC. Notify supervisor immediately in the event of an injury.

Contact at MCC will be Heather Burnell. pager is 5100 X 2292. If after hours emergency clinic phones roll over to security and they will page medical staff.

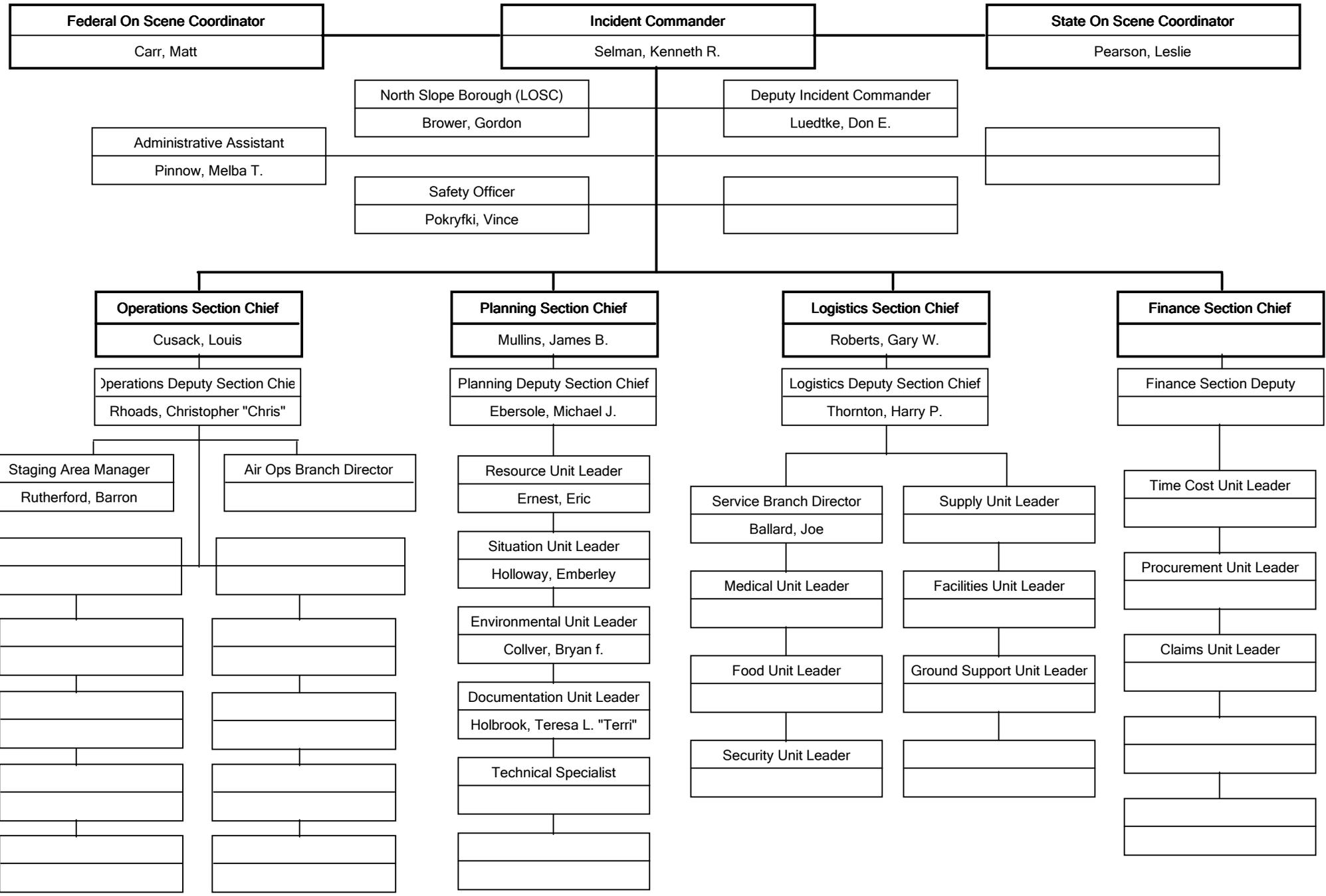
# ICS 207 - Organization Chart

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Prepared By:</b> Section, Planning <span style="float: right;"><b>at</b> 3/3/2006 03:01</span>
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Version Name:</b> Day Shift 3/3/06 0700 to 1900



# ICS 207 - Organization Chart

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Prepared By:</b> Section, Planning <span style="float: right;"><b>at</b> 3/3/2006 00:22</span>
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Version Name:</b> Night Shift - 03/02/06 22:30



## SITUATION STATUS SUMMARY (IAP) – ICS 209

Incident Name:	Date Prepared:	
Incident Location:	Operational Period:	
<p>(1) STATUS OF SOURCE CONTROL OPERATIONS: The line is no longer leaking. Still trying to identify the exact location of the leak along the pipeline. Insulation removed and the pipeline is being buffed to discover exact location.</p>		
<p>(2) STATUS OF RESPONSE OPERATIONS: Delineation has been completed. No visual evidence of oil movement. Manual recovery operations being conducted utilizing vac trucks. Amount of recovered liquids as of 0700 on 3/3/2006: 390 bbls Liquids being transported to FS2. In process of building ice road and ice pad to improve access at site.</p>		
<p>(3) MAJOR SAFETY CONSIDERATIONS: Slippery walking and working surfaces. Watch for pedestrians in congested areas where heavy equipment is working. Benzene detected above action limit (0.3 ppm) at culvert, requiring the use of half-face respirators with organic vapor cartridges. No respiratory protection necessary in the rest of the response area. Periodic monitoring conducted.</p>		
<p>(4) MAJOR ENVIRONMENTAL CONSIDERATIONS: Waste Management Plan completed and verbal approval received. Tundra travel permit approved. Ice road and ice pad construction approved under Tundra Travel Permit.</p>		
<p>(5) MAJOR PUBLIC INFORMATION/COMMUNITY CONSIDERATIONS: Communicated to CMT to prepare press release through JIC in Anchorage emphasizing the response objectives.</p>		
Prepared By: Gravis, Christopher	ICS Position:	Phone:

# **GC2 Oil Transit Line Incident**

## **Site Safety and Health Plan**

### **Emergency Response & Post-Emergency Response Operations**

**Prepared by:  
BP HSE**

**March 2, 2006**

# Site Safety and Health Plan

## Emergency Response & Post-Emergency Response Operations

### General

The Alaska Department of Labor (ADOL) has established the Hazardous Waste Operations and Emergency Response rule to protect the safety and health of workers involved in emergency response to hazardous substance releases. It also includes requirements for worker protection during post-emergency clean-up operations, if it is necessary to remove hazardous substances and materials contaminated with them (e.g., soil contaminated with oil).

This is an emergency plan and post-emergency clean-up plan to comply with these ADOL requirements. Attached to this plan are the ERT/SRT/HAZMAT team operation procedures describing the roles, procedures, and communications of the emergency response teams.

This document is intended for both contractors and BPXA personnel performing the post-emergency clean-up operations, or for off-site post-emergency clean-up operations (e.g., a transportation release) involving BPXA or contractor employees. The document will be made available to any contractor or subcontractor, to employees and their designated representatives, and to OSHA or other regulatory personnel with jurisdiction at the post-emergency clean-up operation.

Contractors are responsible for conducting the clean-up operation in accord with the Site Safety and Health Plan; training of their employees; informing any subcontractors of the provisions and requirements of the Site Safety and Health Plan; and for compliance with all appropriate laws and regulations. Workers are responsible for following the work practices and procedures established in the Site Safety and Health Plan.

## Emergency & Post-Emergency Response Operations

Response Name: GC2 Oil Transit Line Date: 3-2-2006

### A. Site Characterization and Analysis

**Initial Briefing - Map Sketch (Attachment 1).** The affected area of the GC2 Transit line event includes areas east of Q and H pads and west of D-pad Lake.

**Site Characterization and Analysis form (Attachment 2).** Air monitoring data is included in a field form for the safety plan. Maximum readings have been 5% LEL and 0.2 ppm for benzene during initial readings. Recent values as the material has cooled have shown 0% LEL and 0.0 for benzene.

### B. Organizational Structure

On Scene Commander: Shawn Groghan/ Henry Harrington

Incident Commander: Greg Alexander/ Randy Selman

Incident Deputy Commander: Darrell Shanholtzer/ Don Luedtke

IMT Safety Officer: Pete Langley/ Vince Pokryfki

Site Safety & Health Officers: Mike Kisse/ Al Koenig/ Mike Adams/ ACS Randy Pittman

Industrial Hygienist: Laura Dickie/ Jeff Carpenter

The On Scene Commander is responsible for directing all post emergency clean-up operations. The Site Safety Officer is a member of the BPXA Safety Department or Environmental Department who is responsible for developing and implementing the Site Safety & Health Plan and inspecting for compliance.

### C. Workplan

Initial operations have focused on source control by shutting down operations and closing in GC2 and the associated well pads. ACS initial efforts include containment, free product recovery, and vacuum truck operations. A crew of approximately 20 personnel has been mobilized for the initial efforts. Vacuum trucks are being used in the initial cleanup efforts. Future efforts are anticipated to include a wide variety of heavy equipment including front end loaders, trackhoes, etc. Hand tools of a wide variety will also be used to clean affected tundra areas.

### D. Safety and Health Hazards

The primary chemical hazard associated with the GC2 Oil Transit Line incident is crude oil. An

MSDS for crude oil is available onsite and at the IMT. Because of the cold temperature, respiratory hazards are minimized and emphasis will be placed upon preventing skin contamination

Other potential hazards include:

1. Slips trips and falls
2. Uneven walking surfaces
3. Heavy lifting
4. Snow Cave (Drifting of Snow) and oil undermining snow and permafrost.

Water/boat hazards

**Inhalation hazards**

Heat stress/heat exhaustion

Hydrogen Sulfide

Hypothermia/Frostbite

Carbon Monoxide

Hazards to the eye

Benzene

Fire/explosion hazards

Total Hydrocarbons

Cuts and abrasions

Others:

Vehicular/equipment traffic

Others:

**E. Training Program:**

Employees involved with site work will comply with appropriate levels of hazardous waste operations training. If respiratory equipment is required, training will comply with 29CFR 1910.134.

**F. Pre-entry Briefing:**

The Site Safety Officer or the On Scene Commander will conduct pre-entry briefings before commencing work to ensure that workers are informed of the contents of the Site Safety & Health Plan.

**G. Effectiveness of Site Safety & Health Plan:**

The Site Safety Officer will conduct periodic inspections to determine the effectiveness of the Plan. Any deficiencies will be corrected by the On Scene Commander. Safety (bp) will monitor the project throughout the work shifts, to include monitoring of the atmosphere.

## **H. Site Control**

Response zones will be set up and marked in field locations. As the information becomes available the approximate zones will be outlined in an attached site map. No one will work alone (out of sight) within the cleanup site. If necessary, a buddy system will be established.

Workers will be alerted to an emergency by radio communication, siren or telephone. Medical assistance will be summoned from the Medical Department if necessary. Site radios provide a field communication method for this response effort. A field first aid station has been established and staffed by North Slope medical personnel

**I. Engineering Controls:** As possible, preference will be placed upon clean up methods such as vacuum trucks and other heavy equipment that will minimize the possibility of skin or other exposure to site cleanup personnel.

## **J. Work Practices:**

Special Work practice instructions will be given as necessary by each site supervisor during site orientation and will be indicated below or appended to this document.

1. All activities will be done in accordance with ASH.
2. Entry guidelines.
3. Benzene Standards as set in bp SOP.
4. Proper Hydration for all field personnel will be stressed at all tool box meetings.
5. Crew Rotations will follow ASH Cold Weather Protection Guidelines.

## **K. Personal Protective Equipment:**

The initial response effort involved the use of Level C with organic vapor cartridges. Current air monitoring readings have allowed a downgrade to modified level D without the need for respirators. An emphasis has been placed upon skin and cold protection with Tyvek suits over standard arctic clothing.

## **L. Monitoring Program:**

Air Monitoring will be conducted periodically (every two hours) for: Benzene (.3 – 15 ppm), O<sub>2</sub> (19.5-23.5 %), H<sub>2</sub>S (<10% ppm), CO (<25 ppm), and LEL (<10% LEL).

## **M. Decontamination:**

A spill response decontamination trailer has been placed on site just west of the Hot Zone on the

pipeline access road for use during clean up activities. Decon work will be performed by trained Haz Mat Techs in accordance with NFPA regulations.

**N. Emergency Response**

The Mobile Command Center serves as the primary assembly point in the event of an emergency that requires evacuation of site personnel.

**O. Plan Addenda**

As conditions or work operations change this plan shall be amended with updated information. Events such as PPE changes for various operations shall be noted in addenda to this plan.

\_\_\_\_\_  
Incident Commander

March 2, 2006

\_\_\_\_\_  
Incident Safety Officer

March 2, 2006

# **Attachment 1**

## **Site Map**

# **Attachment 2**

## **Field Safety Data**

## ICS 220 - Air Operations

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Prepared By:</b> Section, Planning <span style="float: right;"><b>at</b> 3/3/2006 05:47</span>
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Version Name:</b> Period 3

### Planned Flight Information

Type Of Aircraft	Operating Base	Aircraft Company	Passenger Capacity	Purpose	Scheduled Flights
Otter	Deadhorse	Shared Services	n/a	FLIR Overflight	0900-1100

## ICS 223 - Health and Safety Message

<b>Incident:</b> Response - GC2 Oil Transit Line Release	<b>Prepared By:</b> Section, Planning	<b>at</b> 3/3/2006 00:22
<b>Period:</b> Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)	<b>Version Name:</b> 3/2/06 17:30	

### Major Hazards and Risks

Hazard recognition must be an ongoing process throughout this operation. Be aware of your surroundings at all times.

Be sure to abide by the buddy system and keep a very close eye on each other. ASH Cold Weather Protection Guidelines will be adhered to for all workers on site.

Atmospheric hazard readings have consistently measured zero for LEL and Benzene, ongoing readings will be taken at 2hr. intervals. Proper PPE has been issued to all clean up personnel to prevent direct skin contact with the product. Atmospheric Benzene readings taken at 0100 hrs on 3/3/06 at the east and west culvert openings at the caribou crossing leak site have been 0.4 ppm and 0.6 ppm. Crews have been instructed to be current on individual fit testing and to wear half face respirators with organic vapor cartridges when working in these areas.

Be aware of snow caves and associated hazards. Once again, be aware of your immediate surroundings and footing at all times. Along with the usual hazards associated with walking/working surfaces, the under-current of the product may have washed away the solid surface below your feet hidden by the snow.

Some workers brought up to assist with the recovery effort may be new to our environment and culture. Ensure these personnel are properly supervised and do not display at-risk behaviours.

### Narrative

## ICS 224 - Environmental Unit Summary

**Incident:** Response - GC2 Oil Transit Line Release      **Prepared By:** Section, Planning      **at** 3/3/2006 00:23  
**Period:** Period 3 (3/3/2006 07:00 - 3/4/2006 07:00)      **Version Name:**

### Area Environmental Data

No Wildlife or Archeological sensitive areas in spill zone.

### Priorities for Mitigating Environment and Cultural Impacts

### Wildlife Assessments and Rehabilitation

Un-named lake North of spill site was cored outside the spill area and found to be solid ice to the bottom.

### Permits (Dispersants, Burning, and/or Other

Tundra travel permit approved. Ice road and ice pad construction approved under Tundra Travel Permit.

### Waste Management

Waste Management plan submitted and approved by agencies (DEC, EPA, NSB)

### Other Environmental Concerns

### Logistical Support Needs

No additional logistical support needed.