

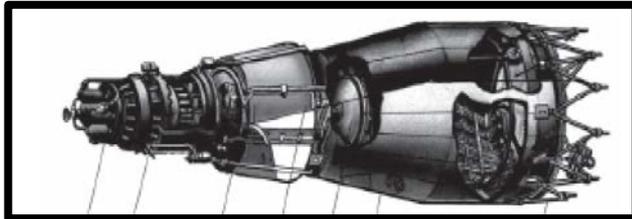


# *ARCTIC EAGLE 18*

## *CBRN Response Enterprise*

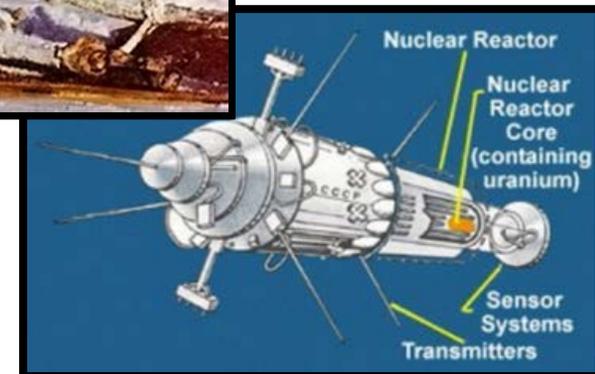


# AE18 Scenario - Satellite



Satellite with enriched **U-235 Uranium Core** prematurely re-enters Earth atmosphere

- Kosmos 954 satellite failed in orbit in 1978, breaking up in the atmosphere and dropped radioactive debris over N. Canada
- Some ballistic risk
- **U-235: Alpha & Gamma particle hazard**
  - Insoluble in water
  - Ingestion of high concentrations can cause severe health effects
- Radioactive Debris Field: Few hundred pounds of irradiated chunks of material; debris could spread over land and ocean with a radius of ~ 370 miles.



# AE18: CBRN Response Enterprise (CRE)

**Mission:** Consequence management operations in coordination with city of Valdez AK in order to exercise National Guard CBRN response with USCG assets to a radioactive & Toxic Industrial Chemical (TIC) incident.

**Scenario:** A communications satellite belonging to a foreign nation crashes in Alaska. Crash spreads radioactive material in and around Alaska, causes damage to structures, casualties, and contamination of the area. Port of Valdez impacts cause CONEX HAZMAT release

**Concept:** Satellite crash in Alaska brings in multiple CSTs, elements of the HRF, and USCG Pacific Strike Force on 21 FEB18. City of Valdez, USCG, AK DEC establish a Unified Command (UC); AKNG establishes JTF. Satellite crashes 22 Feb - Valdez/UC response; CRE mobilize 23 Feb + TIC event. All elements conduct AAR and MWR day 25 Feb; recover 26 Feb18.

**Participants**

- Federal: EPA; DOE
- State: AK DEC, AK DHSS
- Valdez: Container Port, Prov. Hospital Valdez
- USCG: MSU Valdez & Pacific Strike Team
- CST: AKNG (103rd); USARAK (95<sup>th</sup> Chem)
- HRF: WANG C2/Decon/Med; UTNG C2, OC/T
- 168 WG – Medical; PERSCO
- 176 WG - Medical
- CONG – Real World Security
- Support: IC Simulation; Role Players
- Situational Awareness: Alaska State Troopers



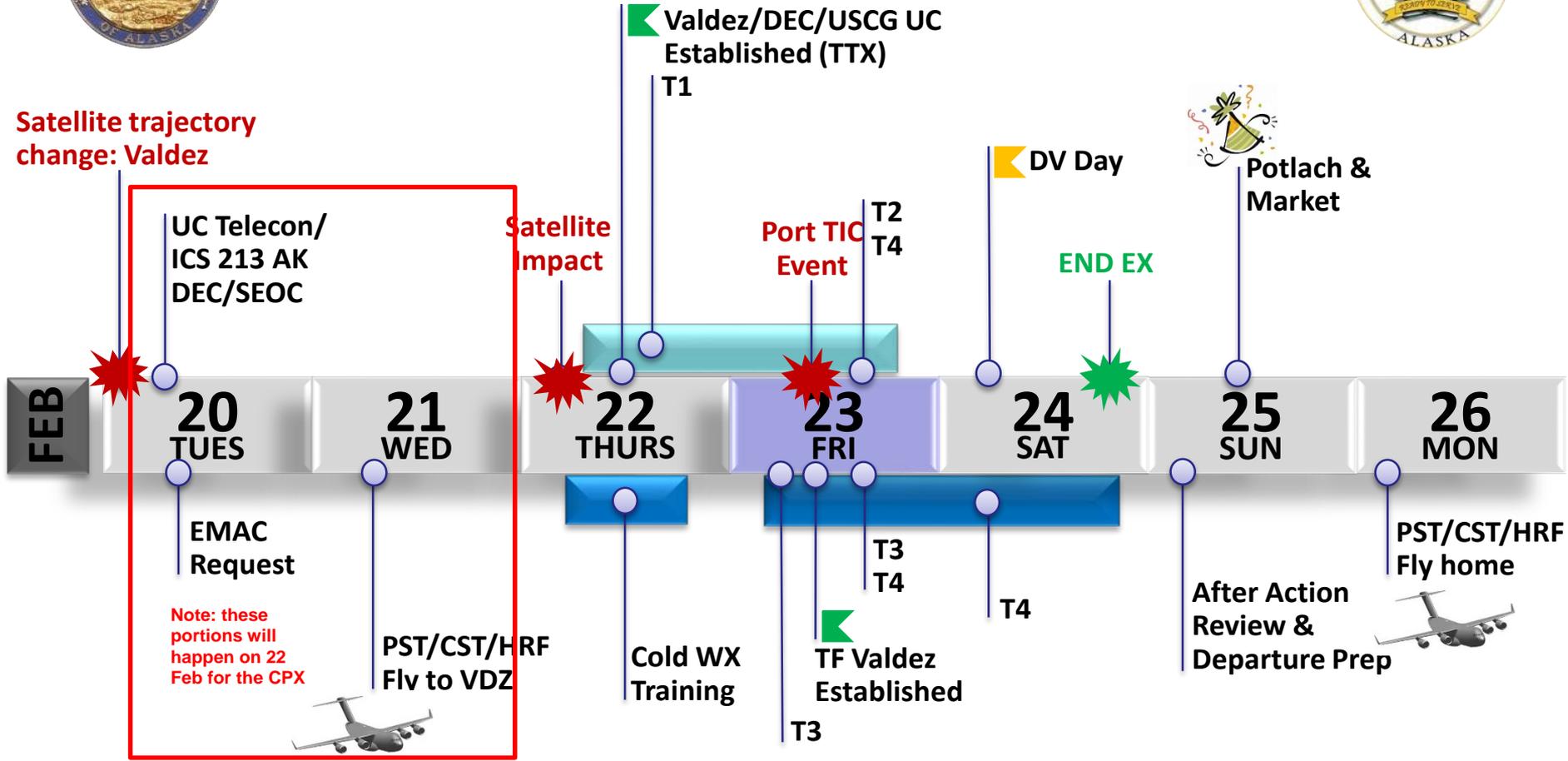
**Tentative Timeline:**

Sun 18-Feb	Mon 19-Feb	Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb
	Pres Day	JRSOI/Travel		Impact CRE Cold Wx Trng	TIC Event Exercise	DV Day CRE
25-Feb	26-Feb	27-Feb	28-Feb	1-Mar	2-Mar	3-Mar
AAR						
MWR Day	Return to HS					

# Detailed Timeline



Satellite trajectory change: Valdez



CBRN = Chemical, Biological, Radiological, Nuclear

PST = Pacific Strike Team (USCG)

T1: Port - small scale debris

CST = Civil Support Team (AKNG)

TF = Task Force

T2: Hospital - Ambulatory contaminated small injuries

DV = Distinguished Visitor

UC = Unified Command

T3: 95<sup>th</sup>/CST/PST Sampling & Identification of Hazard Zones

EX = Exercise

WX = Weather

T4: Medical/Decon

HRF = Homeland Response Force (AKNG)

# AE18 Valdez: Ferry

AK DOT is sourcing two ferry departures from Whittier to Valdez on 21 FEB 18 and returning from Valdez to Whittier on 26 FEB 18. This is the primary transportation for multiple agencies and alternate transportation for the 10th HRF.

Due to limited space, only those organizations that have pre-coordinated for space with AKNG J37 will be able to utilize the Ferry for transportation.

Proposed sailing schedule is:

**21 FEB 18 Whittier - Valdez:**

Ferry 1: Load 0800 - depart 0900 arrive 1445.  
 Ferry 2: Load 2130 - depart 2230 arrive 0415 (22 FEB 18)

**26 FEB 18 Valdez - Whittier:**

Ferry 1: Load 0130 - depart 0230 arrive 0815  
 Ferry 2: Load 1500 - depart 1600 arrive 2145

AK DOT hazardous material policy:  
[http://www.dot.state.ak.us/amhs/doc/policy/hazmat\\_public.pdf](http://www.dot.state.ak.us/amhs/doc/policy/hazmat_public.pdf).

**Toll tunnel.** To Whittier is open for 15 minutes on the 1/2 hour from 0730 to 2245. Tunnel users should be in the staging area at least 10 minutes prior to the scheduled opening to help facilitate their passage.

**Charter Bus.** Alternate charter bus transportation will be coordinated 10th HRF unit from JBER to Whittier on 21 FEB 18 and on the return for 26 FEB 18.

Organization	Vehicles	Organization	Vehicles
Active Duty - 95th Chemical Company	M1165A1 HMMWV	Active Duty - 95th Chemical Company	WRECKER M984A4
	M1165A1 HMMWV		
	M1078A1 LMTV	NG - Washington HRF	Chev 3500 TRK
	M1082 LMTV TRLR		Haulmark Cargo TRLR
	M1078A1 LMTV		Chev 3500 TRK
	M1082 LMTV TRLR		Haulmark Cargo TRLR
	M1078A1 LMTV		Chev 3500 TRK
	M1082 LMTV TRLR		Haulmark Cargo TRLR
	M1078A1 LMTV	Alaksa National Guard, 103rd WMD-CST	F750 TRK
	M1082 LMTV TRLR		Decon TRLR
	M1078A1 LMTV		Load out trailer
	M1095 MTV TRLR		F450 TRK
	M1083A1 MTV		32' trailer
	M1095 MTV TRLR		F450 TRK w/ snow plow
M1083A1 MTV	Connecticut National Guard, 14th CST	F450 TRK	
M1135 STRYKER NBCRV		Truck 1	
M1135 STRYKER NBCRV		Truck 2	
Department of Energy RAP Team 8	3 Suburbans	Colorado National Guard	Trailer
			Truck 3
AKNG Public Affairs	1 Suburban		
176 MED	1 x 15 pax Van		10 Rental SUVs --

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		CRE Cold Wx Trng	TF Stand Up	Coord, Direct & Report	AAR	Depart Valdez
		Satellite Impact	Port TIC Release		MWR Day	
	Arrive Valdez	UC Stand Up	Coord, Direct & Report	DV Day		

# AE18 Valdez: Public Affairs

**Concept:**

- Coordinated notices to advertise the exercise on local newspaper, radio and Facebook.
- Valdez Visitor's Bureau for the Market/Potlatch
- Coordinate lanyards for city VIPs
- Also coordinate the volunteers

**Participants**

Valdez PAO  
 AKNG PAO  
 USCG PAO

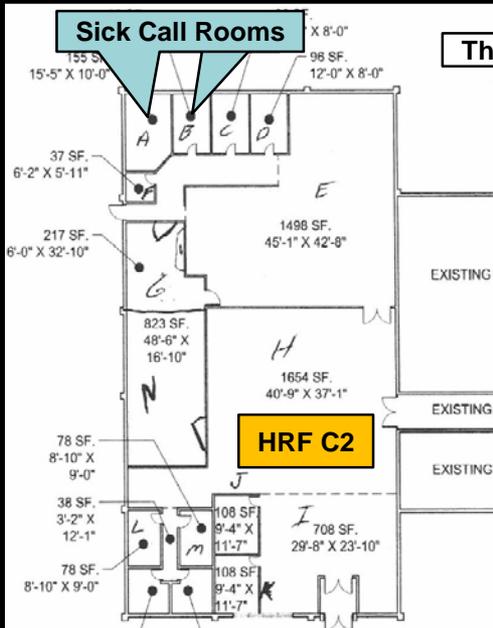
**Action Items:**

- Coordination
- Notices sent out

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		CRE Cold Wx Trng	TF Stand Up	Guard DECON & Medical	AAR	Depart Valdez
	Arrive Valdez	Satellite Impact	Port TIC Release	DV Day	MWR Day	
		UC Stand Up	Coord, Direct & Report			

# AE18 Valdez: Sick Call



**Concept:**  
 \*\*National Guard Medics are required to work under the supervision of a medical provider credentialed by the local medical command.

- Hold a 1 hour sick call from 0530 – 0630 from 23-26 Feb
- Staffing: 220<sup>th</sup> MP Medics + 103 CST PA & army medical support (on call if needed)
- Location: Offices A & B of the Whitney
- Supplies: Purchased with NGB CRE funds through 103 CST supply sources

**Participants**  
 All National Guard personnel requiring routine care.

Personnel requiring critical or urgent care will be referred to Valdez Hospital

**Action Items:**

- Order supplies
- Medic/PA rally on training day

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		CRE Cold Wx Trng	TF Stand Up	Coord, Direct & Report	AAR	Depart Valdez
		Satellite Impact			MWR Day	
	Arrive Valdez	UC Stand Up	Coord, Direct & Report	DV Day		



**Mission:** Perform JRSOI functions for Valdez participants.

**Concept:**  
 20 Feb  
 - 1 PERSCO to Spokane for remote JRSOI  
 - 4 PERSCO + 1 services from 168<sup>th</sup> WG to Valdez  
 - 1 OPS & 1 Loggie from 10<sup>th</sup> HRF to Valdez  
 - 10<sup>th</sup> /8<sup>th</sup> HRF perform accountability

21 Feb  
 - Set up Deployment reception line in the “Whitney” airport spaces.  
 - Spokane PERSCO travel with 10<sup>th</sup> HRF on C17 to Valdez  
 - JRSOI Line

22 Feb  
 - Training Day

23-24 Feb  
 - Observe HRF C2 to understand how to complement/augment HRF functions in the future

25 Feb  
 - AAR  
 - Reverse JRSOI  
 - Potlatch

26 Feb  
 - Confirm final departure of participants/clear mancamp  
 - RTB



**Participants**  
 168 WG: 5 person PERSCO team plus 1 services  
 10<sup>th</sup> HRF: 1 Ops, 1 Log

**Action Items:**

- Sufficient tables and chairs moved in from Armory

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		Satellite Impact	HAZMAT Response	Guard DECON & Medical	AAR	
UC Telecon ICS-213		UC & Local Ops	Port TIC Releaseon	DV Day	MWR Day	
		CRE Cold Wx Trng	HAZMAT Response			

# AE18 Valdez: JISCC

**Mission:** Provide communications capability to HRF C2 element at the Valdez Airport.

**Concept:** Alaska Organized Militia jointly mans and trains on AK JISCC while providing communications capability to HRF C2 Element.

JISCC will set up outside "The Whitney" and utilize office space inside the building as needed (no tents required).

220<sup>th</sup> MP Company will provide security for the JISCC while it is setup overnight from 23-24 Feb 18.

168 WG deploys JISCC and 2 personnel to Valdez NLT 21 Feb 18.

*Transportation Method:* TBD.



**Participants**

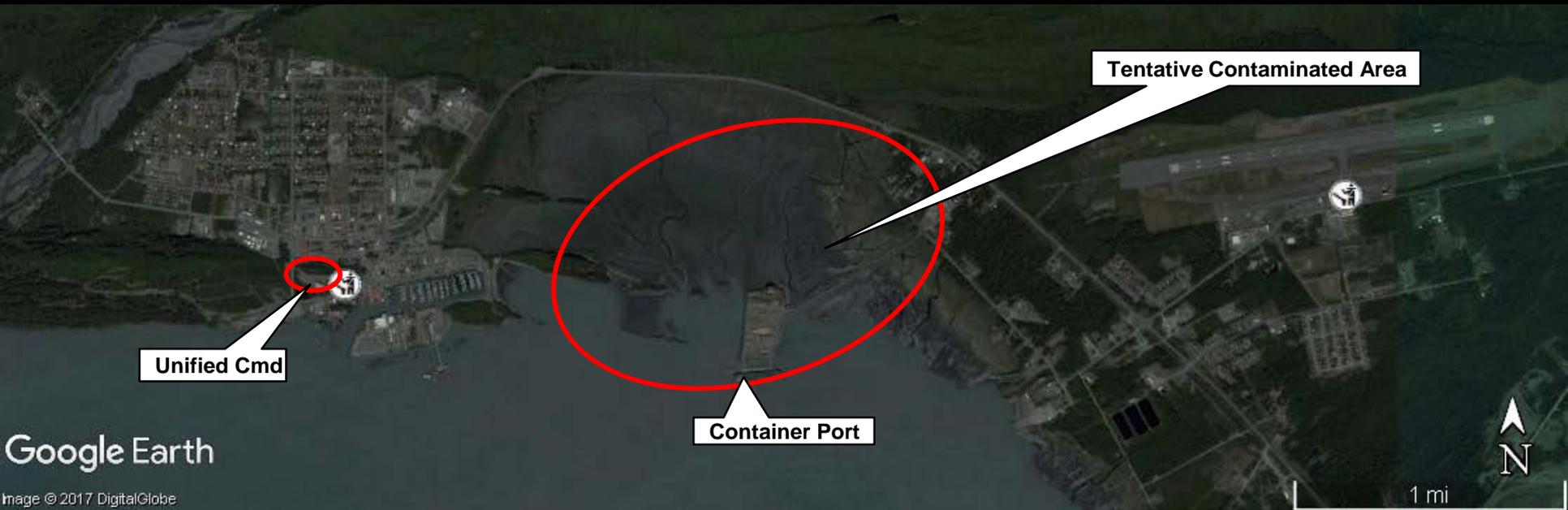
- 168 WG - 2
- AKARNG - 2
- ASDF - 1
- ANM - 1

**Action Items:**

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
UC Telecon ICS-213	Local Emer. & Security Ops	Satellite Impact	HAZMAT Response	Guard DECON & Medical	AAR	
		UC & Local Ops	Port Explosion	DV Day	MWR Day	
		CRE Cold Wx Trng	HAZMAT Response			

# AE18 Valdez: Unified Command



**Concept:**

- 20 Feb: Initial telecom (simulated) ICS forms pre-filled out to request assistance
- 21&22 Feb: Local Emergency & Security ops. as desired (unauth. restricted area access, alarm response, mutual aid activation, LE notification)
- 22 Feb – Satellite Impact; Unified Command
  - **Guided TTX (USCG, AK DEC, DOE, City)**
    - Scripted questions (USCG drafting)
    - Work thru Unified Plan Annex J (What would really happen)
  - **MARSEC Change**
    - Follow on meetings with USCG stakeholders on impact of MARSEC change
- 23/24 Feb – Observe field portions of exercise

**Participants**

- AK DEC
- DOE
- USCG
- City of Valdez (LNO)
- \*\* Guard/Pacific Strike Team

Cold Wx Training

**Action Items:**

- UC Telecom to determine how to set up best
- Public Affairs Coordination

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
UC Telecon ICS-213		Satellite Impact	HAZMAT Response	Guard DECON & Medical	AAR	
		UC & Local Ops	Port TIC Release	DV Day	MWR Day	
		CRE Cold Wx Trng	HAZMAT Response			

# AE18 Valdez: Training Day

**Schedule:** Shortened to 12-1700  
 VPD, VFD and V Port interested in attending some of the classes – Invite once schedule set.

**Large Group @ Civic Center**

- Local Area Orientation (CPT Hale)
- Proper wear of the Extreme Cold Weather Clothing System (ECWCS) (CPT Ratcliff)
- Signs, symptoms and treatment of Frostbite/cold weather injuries (168 MDG)
- Arctic Water Hazards & treatment (USCG)
- Toxic Industrial Chemicals in the Cold (103 CST)
- Dry Decon
- PERSTAT/LOGSTAT due outs to JTF (168 FSF)

**Small Group Breakout**

**MEDICAL**

- CERFP CON-OP and TAC-OP
- Meet and greet Q & A with the 141 folks

**220 MP CO**

- Chemical detection systems (from HRF)?
- Crosstalk with Valdez Police
- Crosstalk with 103<sup>rd</sup> Physician's Assistant

**CST/PST/95<sup>th</sup> Chem**

- Crosstalk



**Participants**

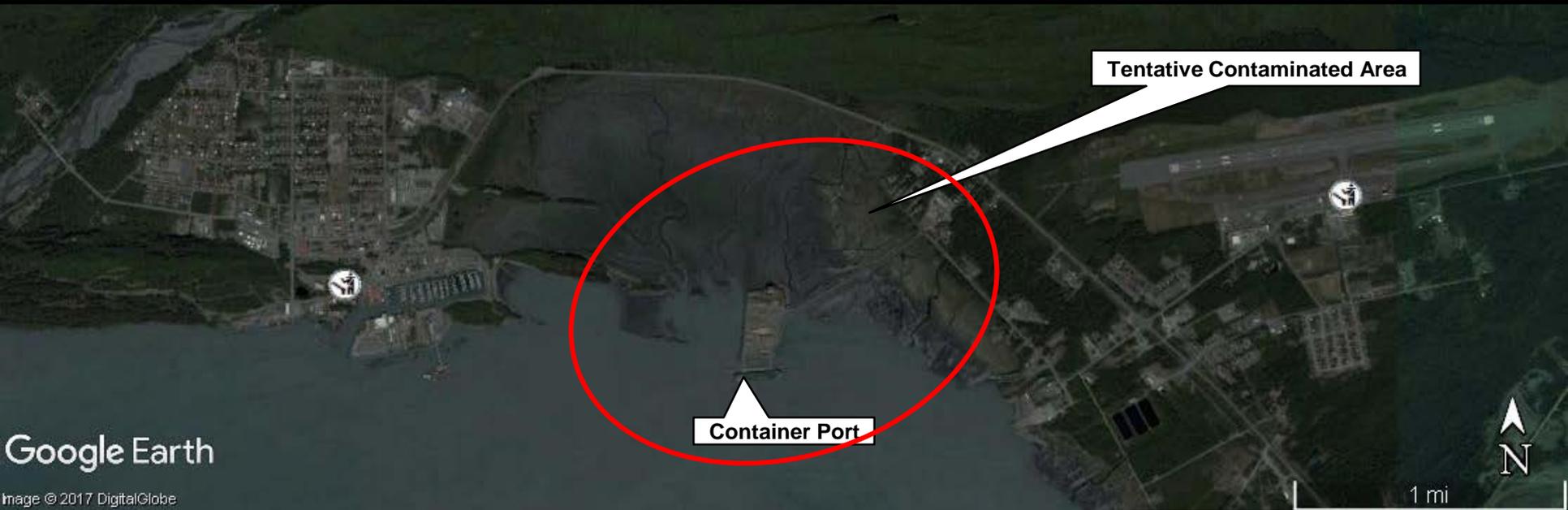
- USCG PST
- AK/CT CST; 95<sup>th</sup> Chem
- WA/UT HRF
- CO 220 MP CO

**Action Items:**

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		Satellite Impact	HAZMAT Response	Guard DECON & Medical	AAR	
UC Telecon ICS-213		UC & Local Ops	Port TIC Release	DV Day	MWR Day	
		CRE Cold Wx Trng	HAZMAT Response			

# AE18 Valdez: Sampling & Identification



Google Earth

Image © 2017 DigitalGlobe

**Concept:**

- CT CST will stage equipment with AK CST @ Kulis, backfill AK.
- 2-3 CST Strike Teams (6-9 psnl each) will deploy to Valdez via Ferry
- Simulated arrival **23 Feb @ 0500**
- 95<sup>th</sup> Chem will perform route clearance & identification
- CST Strike Teams in coordination with PST will rotate in to sample and identify hazard locations.
- Perform battle hand off and rotate personnel between CST Strike Teams.

**Participants**

- Pacific Strike Team (PST), USCG
- 103 CST (AK); 14 CST, (CT)
- 95<sup>th</sup> Chem Company
- Valdez Container Port
- VPD/CONG

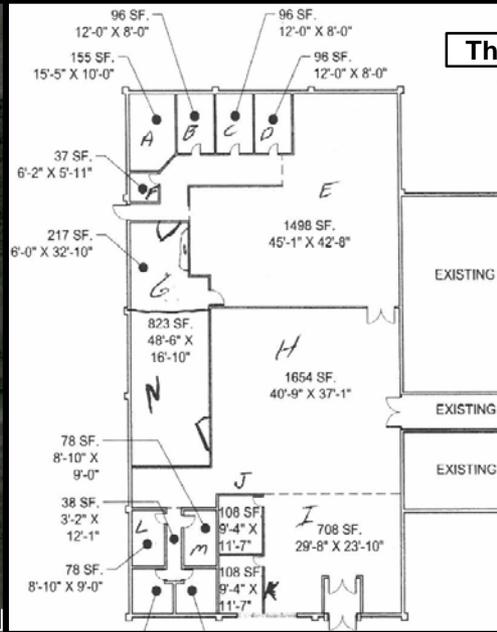
**Action Items:**

- Contract for SIM devices
- PST: mannequins with water proof laminated injury cards ?

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		CRE Cold Wx Trng	Sample & ID		AAR	
	Arrive Valdez	Satellite Impact	Port TIC Release	Sample & ID (If needed)	MWR Day	Return to ANC
			Sample & ID	DV Day		

# AE18 Valdez: Command & Control



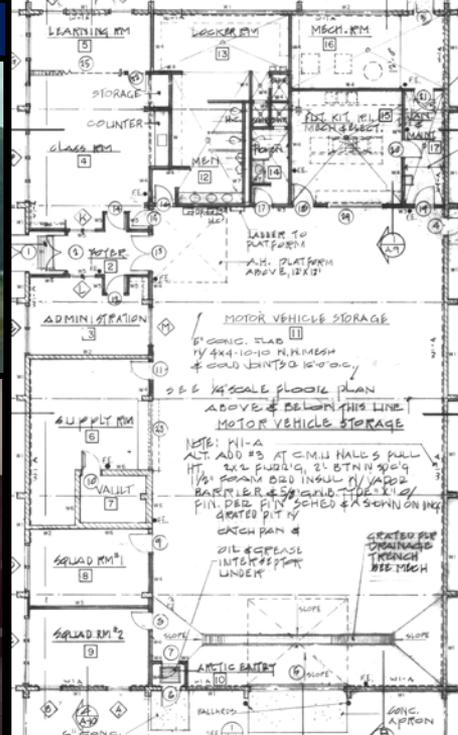
- Concept:**
- CBRN Task Force (TF) will establish at the Whitney (6000 sq ft annex @ airport)
  - CBRN TF will deploy liaisons to UC (simulated – UC will be stood down to monitor tactical activities)
  - CBRN TF will report to JTF-AK in Anchorage
  - Communications:
    - AK JISCC
    - 168 DC3 Flyaway Kit
    - Backup: 103 CST Unified Command Suite (UCS)

- Participants**
- CBRN Task Force:
- WA/UT HRF

- Action Items:**
- DTRA Modelling
  - Plowing of Armory area
  - Communications

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		CRE Cold Wx Trng	TF Stand Up	Coord, Direct & Report	AAR	Depart Valdez
		Satellite Impact	Port Explosion		MWR Day	
	Arrive Valdez	UC Stand Up	Coord, Direct & Report	DV Day		



# AE18 Valdez: DECON

- Concept:**
- Set up utilizing specialized trailer; establish 1 DECON lane
  - Work in conjunction with Medical to receive, triage, and decon contaminated victims
  - Process ~ 20 ambulatory & 20 non-ambulatory moulaged volunteers
  - ~10 on 23 Feb; 30 on 24 Feb + contaminated waterproof mannequins
  - 4-5 patients per hour, that are critical/ non-amb after the initial 4-5
  - Day 1: ~4 patients fast tracked through d-con to get to medical

- Participants**
- 10 HRF DECON & Medical Team
  - 168<sup>th</sup> WG Medical
  - 176<sup>th</sup> WG Medical
  - USCG HSI (corpsman)

- Action Items:**
- Clean out Armory
  - Moulage contract
  - Victim volunteers
  - Transportation to DECON
  - [Water source in Armory \(fire hydrant\)](#)

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		CRE Cold Wx Trng	Set up	DECON	AAR	Depart Valdez
		Satellite Impact	Port Explosion		MWR Day	
	Arrive Valdez		DECON	DV Day	Vehicle Inspection	

# AE18 Valdez: Medical



**Concept:**

- Decon of lightly contaminated (radiological) personnel by Hospital
- Coord. with Public Health Nurse & Unified Command;
- Coord. between hospital & HRF medical - handoff
- 176 & 168 Medical: observe and participate in 10 HRF procedures to prepare for increasing mission

**CPT Cheryl Dilgard will touch base to fully design the medical elements to meet the needs of the civilian and military personnel**

- Participants**
- Providence Hospital Valdez
  - Public Health Nurse Valdez
  - DHSS
  - 10th HRF Medical
  - 176 & 168 Medical
  - USCG HSI (corpsman)

- Action Items:**
- Transportation to Hospital
  - Volunteer waiver - DHS&EM
  - Specialty class(s) for Hospital Staff?

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
		CRE Cold Wx Trng	HRF MED/ Hospital Coord	HRF MED DECON	AAR	Depart Valdez
	Arrive Valdez	Satellite Impact	Port Explosion	DV Day	MWR Day	
		Hospital Response	HRF MED DECON			

# AE18 Valdez: Security



**Concept:**

- Perform real world security around exercise areas to ensure no un-necessary injuries or hazards exist to participants.
  - CBRN TF location
  - DECON location
  - Port / Hazard area checkpoints

• Receive training from WA HRF on utilizing chemical detection systems.

- MARSEC 3 Security rqmts provided by Port
- Handoff from VPD 23 Feb AM
- List of training topics to VPD (Clandestine Lab Awareness, Field Training Observation (FTO), Shoot and No Shoot and de-escalation, High Risk Vehicle Stops and Pedestrian Contacts)

**Participants**

- 220 MP Co, COARNG
- Valdez Container Port
- VPD

**Action Items:**

- VPD training desires (if any)

**Tentative Timeline:**

Tue 20-Feb	Wed 21-Feb	Thur 22-Feb	Fri 23-Feb	Sat 24-Feb	Sun 25-Feb	Mon 26-Feb
Arrive ANC	Arrive Valdez	CRE Cold Wx Trng	Secure CST area	Secure Armory	AAR	Depart Valdez
		Satellite Impact	Port Explosion	DV Day	MWR Day	
			Secure CST & Armory			



# OBJECTIVES



# AK DEC Tentative Objectives



- Establish Unified Command with USCG and City of Valdez



# USCG MSU Valdez Objectives



- Deploy strike team via air or ferry system
- Integrate down range operations with local / state / federal response agencies
- Conduct joint entry operations with the 103 CST
- Establish partnership with follow on NG CRE assets



# USCG D17 Tentative Objectives



- Local Command Post establishment in Valdez – USCG; ADEC; City of Valdez
- Initial Assessment/ Pre-impact assessment (includes port area facilities/ CI-KR)
- Pacific Strike Team Deployment to Valdez to work alongside CST/City Fire Dept.
- Hazmat/Oil response operations
- Radiation training (Include DOE;DNDO)
- Sector Anchorage LNO's to SEOC/JOC
- OPCON of Station Valdez transferred to MSU Valdez



# Port of Valdez Objectives

- Smooth and timely integration of National Guard Military Police, Alaska State Troopers and United States Coast Guard into Port security roles to allow for police force dedication to public safety and evacuation.
- Satisfy federal Port security requirements (fulfills annual exercise requirement)
  - Restrict access to port facilities
  - Response to alarms
  - Response to increased MARSEC levels
  - Response to cyber security breach
- Utilize V.P.D. robot to monitor unsafe scenes (fulfills EOD exercise requirement)

\*\* The Port plans on using Arctic Eagle to fulfill federally mandated annual exercise requirements.



# 103 CST Objectives



- Deploy strike team via air or ferry system
- Integrate down range operations with local / state / federal response agencies
- Conduct joint entry operations with the USCG Pacific Strike Team
- Establish partnership with follow on NG CRE assets



# 84<sup>th</sup> CST Tentative Objectives



- Integrate 84th WMD-CST with CRE Elements
- Validate 84<sup>th</sup> CST C2 relationship with JFHQ-AK, Joint Staff, JTF-AK, JFHQ-WY and NGB while in Gold Cycle
- Assess 84<sup>th</sup> CST Cold Weather Operations and Down-Range Capabilities
- Exercise 100% air-load of 84<sup>th</sup> CST on fixed wing assets (must be able to move entire team w/ equipment; in Gold Cycle in February)



# WA HRF Objectives



- Integrate HRF mission command strike package with Alaska structure
- Execute Tailored DECON MRP
- Send Deployable Medical Capability to remote location to work with local hospital and State DHSS
- Exercise Mission Command over distributed operations involving multiple events/scenarios
- Exercise logistics support to cold-weather CBRN response operations
- Rehearse and validate air load of one tailored MRP (minimum), to include equipment and personnel
- Cold weather training



# UT HRF Objectives



- Integrate into the WA HRF for C2 command post operations
- Provide 2 OC/Ts for CBRN operations



# 168 ARW Tentative Objectives



- **MDG:**
  - Test Mass Casualty response capability
  - Execute Public Health Emergency response
  - Provide C2 and patient tracking
- Conduct mortuary affairs
- Support local hospital in response



# 220 MP Co Tentative Objectives



- Perform police operations
- Assist in DSCA response