

National Nuclear Security Administration / Remote Sensing Laboratory

Consequence Management Logistics Requirements Form

Upon activation of CM assets, this form can be used to help meet the logistical requirements of the deployment.

General Information

Name of Response Asset: **CMRT Phase II**

The logistical considerations behind a NNSA CM response are considerable. For a Phase II deployment, ~25,000 lbs. of equipment is moved in addition to the personnel required for the response. The CM phases will bring their own scientific and communications equipment to fulfill the mission, but other logistical needs must be met in order for the mission to be a success. This form outlines the personnel, equipment, and method of transportation that will be used to respond to a given location, as well as the logistical needs required to facilitate the response. Local authorities need not provide all of the following items, but should be able to supply information to the CMHT to ensure the necessary items are in place once the CM deployable teams arrive. Sections are denoted where local procurement would be most beneficial.

This phase consists of 38 personnel. It is assumed that all accommodations, meals, and rental cars will be arranged through the CMHT and all information regarding local accommodations and rental agencies should be directed to the Home Team Contact during initial activation.

Transportation

Deployment mode of transportation (**CMRT Phase II will arrive via**):

- Commercial Air (for passengers)
- Charter Air (for passengers/equipment)
- Military Air (for passengers/equipment)
- Ground (for equipment)

Whatever mode of transportation is made available that will ensure the most rapid

Additional information:

Special airstrip requirements:

Military Airlift:

90 ft. X 5000 ft. (C-5 or C-17)

90 ft. X 4000 ft. (C-130)

147 ft. X 5000 ft. (KC-135*)

departure will be utilized.

Commercial / Charter Airlift:

100 ft. X 7400 ft. (747-200F)

100 ft. X 6000 ft. (727-XXX)

***A shoulder of 10-50 ft. is required on either side of the runway for this type aircraft.**

If deployed via airlift, equipment will require ground transportation from its point of debarkation to the response site. Transportation for this equipment should be arranged through local channels and be made available when the Phase II Team arrives at the airfield.

Number of flatbeds required: **Two 53' open-sided flatbed trucks**

Weight of incoming load: **~25,000 lbs. loaded on six 463L (88" X 108") military pallets**

It is assumed that if ground transportation is utilized, no assistance from local authorities will be required to relocate to the response site.

Load/Equipment Handling

Material handling equipment required: This equipment should be arranged for through local channels and be on hand when the Phase II Team arrives at the airfield.

- One 20K forklift (with a 36" load center) for on/off-loading of pallets**
- One K-Loader* (if pallet is transported via air)**

***A K-Loader is a large military-style vehicle used to off-load palletized equipment from military aircraft.**

Operations Center Communication Requirements

Communications requirements: The facility selected should, at a minimum, contain the following:

- a. Number of phone lines: **10**
- b. Number of high speed data lines: **2**

The CMRT deploys with telephones, portable radios, and a satellite capability.

Space Requirements

Required warehouse storage space (square footage and height): **1,000 sq. ft. up to 96" high**

Footprint of equipment while in use (square footage needed): **5,500 sq. ft.**

Required office space:

- a. FRMAC **5,000 sq. ft. minimum (10,000 recommended)**
- b. Forward staging areas **5,000 sq. ft. minimum (if necessary)**

Power/Electrical Requirements

Number of electrical outlets (if needed): **(12) 20 amp AC outlets (recommended). This converts to 12,000 watts.**

Generators deployed with the team would be utilized to supplement power requirements.

Fuel required for deployed generators (**CMRT Home Team will obtain a fuel source, but may require local assistance**).

- a. Amount: **40 gallons**
- b. Type: **20 gallons each of diesel and unleaded per 24-hour shift**

Additional requirements:

- 1. Parking for 30 vehicles**
- 2. Latrines for 75 people**

Miscellaneous Requirements

Where practicable, provide the following information to the CM Home Team, as well as have ready to provide to arriving team.

1. Local medical facilities and/or hospitals
2. Vendors for liquid nitrogen and fuels
3. Personnel for facility security

Contact Information

Deployed Point of Contact:

- a. Name:
- b. Cell Phone Number:
- c. Pager:
- d. Fax

Non-Deployed (Home Team) Point of Contact:

- a. Name:
- b. Phone Number:
- c. Fax:

Additional Information – (other needs as discussed situation dependant)

Considerations for a full FRMAC:

1. Parking for 100 vehicles
2. Latrines for 100 people
3. Personnel for facility security