



## D-310 Unit 3: Supplies



**Summary:** Introduce the Supply function as it relates to the Expanded Dispatch Support Dispatcher (EDSD). Discuss and explain the different types of supplies. Use reference material to accurately process supply orders.

# Unit 3: Supplies

## Objectives

Students will be able to:

- Mobilize supplies in a cost-effective manner to meet time frames.
- Describe procedures unique to supplies, such as National Fire Equipment Catalog (NFES) items, local procurement, Buying Team (BUYT), etc.
- Utilize the NWCG NFES Catalog to accurately process supply orders specific to the catalog number, the catalog description, and the unit of issue for cache supply items.
- Identify the location of national and local support caches and explain how closest forces and time frames affect mobilization and demobilization.
- Describe the interaction the supply dispatcher must have with other functional areas within the incident support organization.

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### Incident Position Standards Alignment

#### Expanded Dispatch Support Dispatcher



This unit aligns with the following Expanded Dispatch Support Dispatcher (EDSD) Incident Position Standards located at <https://www.nwcg.gov/positions/expanded-dispatch-support-dispatcher/standards-and-references>.

##### EDSD responsibility alignment

- Review and manage existing requests.
- Receive and manage new requests.
- Communicate and manage resources in preparation for reassignment or demobilization.
- Perform effectively in each of the four functional areas.
- Establish and maintain communication with frequent contacts.

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### Responsibilities Addressed in Unit

- Review and manage existing requests.
- Receive and manage new requests.
- Communicate and manage resources in preparation for reassignment or demobilization.
- Perform effectively in each of the four functional areas.
- Establish and maintain communication with frequent contacts.

# Unit 3: Supplies

## Supply Items

Supplies are materials or goods not defined in any other resource or service category.



- NFES items
- Mobile cache vans
- Services
- Locally purchased items

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## Supply Items

- Supplies are materials or goods not defined in any other resource or service category.
- This includes but is not limited to:
  - NFES items.
  - Mobile cache vans.
  - Telecommunications equipment.
  - Some services.
  - Local purchases (equipment and supplies).

## Unit 3: Supplies

### National Resources



- Shared – limited number available
  - Remote Automatic Weather Stations (RAWS)
  - National Interagency Incident Communications Division (NIICD)

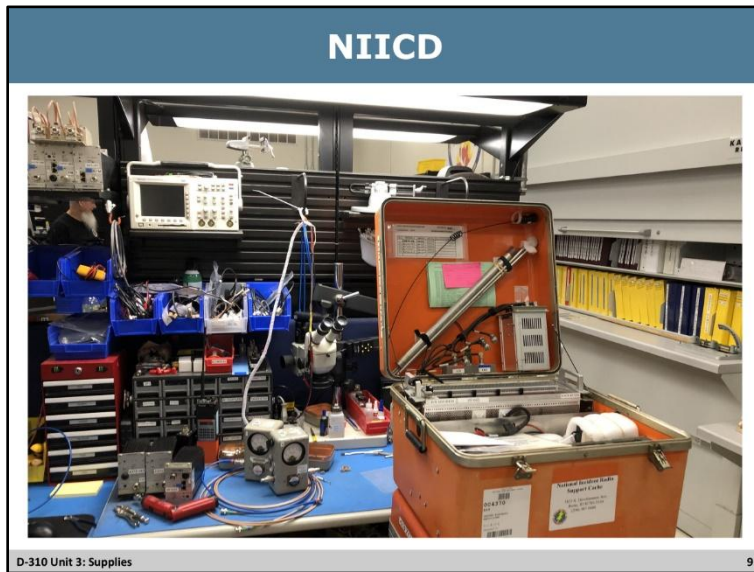
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### National Resources

- Shared national resources, limited number available
  - Remote Automatic Weather Stations (RAWS)
    - ❖ RAWS technicians accompany RAWS units and do not require a separate overhead request (refer to the *National Interagency Standards for Resource Mobilization*).
  - National Interagency Incident Communications Division (NIICD)

## Unit 3: Supplies



### NIICD

- NIICD is a national interagency resource composed of radio systems and kits available for incident communications.
- The priority use of NIICD radio systems and kits is for active incidents.
- The following information is needed to order telecommunication systems:
  - Latitude and longitude of the incident is required on every order.
  - Destination:
    - ❖ Ensure there is a contact name and number.
    - ❖ Delivery address (including zip code) is required.
    - ❖ If a charter is requested, list the closest airport and drop off point at the airport.
- Order by NFES Catalog number and description listed in the NIICD User's Guide or the NFES Catalog's Incident Communications section.
- High demand and dollar value for these systems.
- Work with other functional areas (e.g., Aircraft, Ground Support, Transportation, Overhead).

## Unit 3: Supplies

### Other Radio Systems



- Area communications trailers (non-standard)
- NFES items/numbers unique to the region

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### Other Radio Systems

- Area communications trailers are non-standard; check local resources.
- Areas have similar equipment with local NFES number(s) that are unique in each area (7000-9999).

## Unit 3: Supplies

### Incident Command System (ICS) Starter System (NFES 004390)

Components:

- 3 each Command (CMD)/Tactical (TAC) Radio Kit, 48 radios (NFES 004381)
- 1 each CMD/TAC Repeater Kit (NFES 004312)
- 1 each Ground to Aircraft Radio/Link Kit (NFES 004370)
- 2 each Remote Kit (NFES 004330)
- 1 each Logistics Repeater Kit (NFES 004248)
- 1 each Logistics Radio Kit, 16 radios (NFES 004244)
- 5 each Sealed Lead Acid (SLA) Battery Kit (NFES 004510)

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### Incident Command System (ICS) Starter System (NFES 004390)

- This system includes multiple kits (14 individual boxes) and 7 antenna masts. Components:
  - Command (CMD)/Tactical (TAC) Radio Kit, 3 EA. – 48 radios (NFES 004381)
  - CMD/TAC Repeater Kit, 1 EA. (NFES 004312)
  - Ground to Aircraft Radio/Link Kit, 1 EA. (NFES 004370)
  - Remote Kit, 2 EA. (NFES 004330)
  - Logistics Repeater Kit, 1 EA. (NFES 004248)
  - Logistics Radio Kit, 1 EA. – 16 radios (NFES 004244)
  - Sealed Lead Acid (SLA) Battery Kit, 5 EA. – (NFES 004510)
- Check with the Communications Unit Leader (COML), host unit communications technician, or communication coordinator because frequencies may need to be specified.



### NFES 004390 Starter System Pallet



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### NFES 004390 Starter System Pallet

- Numbering system for each item and component
  - Some kits or systems have a unique identifier, and each component within that kit will have its own identifier. This enables you to identify individual portions of a kit for consolidation purposes.



### NIICD System Kit Issue

- Example NIICD System Kit Issue/Return (refer to the Unit Resources section)
  - The request number is S-3.
  - The NFES is 004390.
    - ❖ 004390 identifies the type (starter system).
    - ❖ 183 identifies the specific system.
  - Component "1" NFES 004381-KD:
    - ❖ 004381 identifies CMD/TAC radio kit.
    - ❖ The trackable ID is 4381 KD-FCK-183.
- Demobilization
  - All NIICD telecommunications components are national resources. Consolidate, release, and return to the National Interagency Fire Center (NIFC) as soon as possible. Demand is high, and supply is limited.

### National Incident Supply Caches

#### Local ordering procedures

- Types of channels
- Consolidate orders
- National resources
  - Telecommunication kits
  - Weather sensing kits
  - Critical item source list



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### National Incident Supply Caches

- National Incident Supply Caches are located throughout the U.S. in all geographic areas:
  - Great Basin
  - Northern Rockies
  - Southwest
  - Northern California
  - Southern California
  - Northwest
  - Alaska
  - Rocky Mountain
  - Eastern
  - Southern
- Local ordering procedures:
  - Types of channels
    - ❖ Through the local cache.
    - ❖ Direct to geographic area cache.
    - ❖ Incident direct to geographic area cache.
    - ❖ Fire caches will generally accept and process incident resource orders within their area of influence directly, except for the critical item source list.
  - Consolidation of orders
    - ❖ Remember to consolidate orders.
    - ❖ Do not let the incident call you every five minutes with another item to add to the order.

## Unit 3: Supplies

- National resources
  - ❖ Orders are processed through established dispatch channels. Examples include:
    - ❖ Telecommunications kits.
    - ❖ Weather sensing kits.
- Critical item source list:
  - These are items which have a fixed inventory in the national system.
  - Geographic Area Coordination Centers (GACCs) will closely monitor these cache inventory levels and distribute those items appropriately.



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### NFES

- Refer to the electronic NFES Catalog.

## Unit 3: Supplies

**NWCG NFES Catalog - Part 1: Fire Supplies and Equipment, PMS 449-1**

<https://www.nwcg.gov/publications/pms449-1>

- NFES Catalog Items Excel Workbook
- Kits
- NFES Pandemic Support Items
- NFES National Interagency Support Caches
- Unit of Issue
- National Stock Numbers (NSN)
- Item Pricing
- Item Categorization
- Supply Orders
- Incident to Incident Transfers

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### *NWCG NFES Catalog – Part 1: Fire Supplies and Equipment, PMS 449-1*

- NWCG NFES web page
  - Introduction and general information
    - ❖ Cache locations
    - ❖ NFES numbers
    - ❖ Item categorization
      - ❖ Trackable
      - ❖ Durable
      - ❖ Consumable
    - ❖ Item location identifiers
    - ❖ Unit of issue
    - ❖ Supply order type
  - Digital catalogs that can be downloaded and sorted
    - ❖ *NWCG NFES Catalog – Part 1: Fire Supplies and Equipment, PMS 449-1*
    - ❖ *NWCG NFES Catalog – Part 2: Publications, PMS 449-2*

## Unit 3: Supplies

### Consumable Items



- Items normally expected to be consumed during incident use
  - Examples:
    - Batteries
    - Plastic canteens
    - Cubitainers
    - Meals Ready-to-Eat (MREs)
    - Fusees
    - Hot food containers
    - Medical supplies

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### Consumable Items

- Caches stock three types of goods.
  - Consumable items
    - ❖ Those items are normally expected to be consumed during incident use, such as:
      - ❖ Batteries.
      - ❖ Plastic canteens.
      - ❖ Cubitainers.
      - ❖ Forms.
      - ❖ Meals Ready-to-Eat (MREs).
      - ❖ Fusees.
      - ❖ Hot food containers.
      - ❖ Medical supplies.
    - ❖ Consumable items returned in serviceable condition are credited to the incident. No loss tolerance/use rate percentage has been established.

### Durable Items

- Those cache items considered to have a useful life expectancy greater than one incident
  - Examples:
    - Hoses
    - Clothing
    - Sleeping bags
    - Tools



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### Durable Items

- Those cache items considered to have a useful life expectancy greater than one incident, such as:
  - Hoses
  - Clothing
  - Sleeping bags
  - Tools



## Unit 3: Supplies

### Trackable Items



- Those cache items that have a high dollar value and need to be accounted for from time of issue until they are returned to cache
  - Examples:
    - Chain saws
    - Generators
    - Pumps
    - Radios

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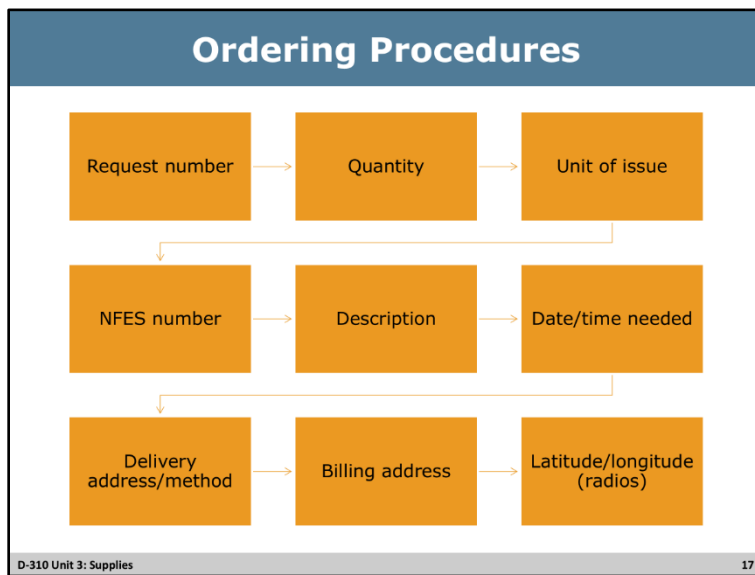
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### Trackable Items

- Items that have high dollar values, sensitive property classifications, limited quantities available, or other criteria set by each geographic area cache.
- Examples include:
  - Chainsaws.
  - Generators.
  - Pumps.
  - Radios.

Trackable items need to be accounted for from issue until they are returned to the cache.



### Ordering Procedures

- To order cache items, you must have the following information:
  - Request number
  - Quantity
  - Unit of issue/standard pack
  - NFES number
  - Description
  - Date/time needed
  - Delivery address and method of transport
  - Billing address
  - Latitude and longitude for communication equipment, etc.

## Unit 3: Supplies

### Cache Ordering and Potential Problems

- Substitution
- NFES items that really should be procured locally
- Cost effectiveness – combined order
- Non-available items

Make sure you know what you are ordering.

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### Cache Ordering and Potential Problems

- Caches sometimes substitute items with like items if necessary.
- NFES items that really should be procured locally through the BUYT (e.g., office supplies). Use common sense regarding the cost effectiveness of each order.
- Depending on the size of an order, it may be more cost effective to order everything from the cache, even those NFES items that could be procured locally (one-stop shopping).
- Some items are not available from each cache; local vendors could fill those requests (e.g., ice, fruit, juice, bottled water).
- If you are unsure of the items being ordered – ASK!
  - Example: A request for ping pong balls could be misconstrued as an order for recreational equipment instead of aerial ignition devices (NFES 003411).
- Check your catalog to be sure the proper unit of issue is used.
  - Example: Orders have been received for hose using feet (FT) as the unit of issue instead of length (LG).
  - Errors could result in a shipment of hose stretching for miles if filled as ordered.
- Order in multiples of the standard package for an item.
  - Standard package information can be found in the NFES Catalog.
  - Examples:
    - ❖ Shovels, NFES 000171 – The unit of issue is each (ea.) with a standard pack of 10 per box. It would be appropriate to order in multiples of 10 with the unit of issue remaining ea.
    - ❖ Battery, size AA NFES 00030 – The unit of issue is package (PG), and there is a standard pack (Std Pk) of 24 batteries in each package.

## Unit 3: Supplies

### Activity: NFES Catalog



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### Activity: NFES Catalog

**Purpose:** Familiarize yourself with the NFES Catalog.

**Material:** Laptop with internet access.

**Instructions:** Use the NFES Catalog to identify the information needed for the items below.


1. Canteen, 1 qt. w/ cover
  - NFES#:
  - Unit of issue:
  - Wt./Cubes:
  - Standard pack:
2. Shovel, w/ plastic sheath, size #1
  - NFES#:
  - Unit of issue:
  - Wt./Cubes:
  - Standard pack:
3. High pressure portable pump
  - NFES#:
  - Unit of issue:
  - Weight:
4. High pressure pump kit
  - NFES#:
  - Unit of issue:

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- Wt./Cubes:
- 5. Warm weather sleeping bag
  - NFES#:
  - Unit of issue:
  - Standard pack:
- 6. Battery for radio repeater
  - NFES#:
  - Unit of issue:
- 7. Fire Pants – 34-38" x 34"
  - NFES#:
  - Unit of issue:
  - Weight:
- 8. MREs
  - NFES#:
  - Unit of issue:

## Unit 3: Supplies

### Mobile Cache Vans



**Ordering**

- Cache vans may be ordered from the Geographic Area Coordination Center (GACC), or the order may be directly placed to the cache. Check your local policy.

**Using the cache van**

- Initial supplies support 250 people.

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### Mobile Cache Vans

- Purpose of mobile cache vans
  - Mobile cache vans can provide the preliminary essentials for the initial support needs of a Type 2 or larger incident for one to two operational periods.
  - They are not intended to be used in multiple initial or extended attack situations.
- Ordering a cache van
  - Cache vans may be ordered from the GACC, or the order may be directly placed to the cache.
  - Check your local procedures prior to ordering.
- Using the cache van
  - Each mobile cache van contains initial supplies for 250 people.
  - These vans are sealed. If the seal is broken, or any items are missing, the van is considered used. Any replacement items and/or the use of the van will be charged to the incident.
  - Additional quantities of component items may be ordered separately on a supply order.
  - Most mobile cache vans are pre-positioned on host units.
  - If you use your local cache van, notify the GACC. If there are no local cache vans available, follow established ordering procedures.
  - Generally, upon arrival to an incident, mobile cache vans are to be unloaded and returned to the issuing cache without delay. Some geographic areas allow the cache van to stay at the incident.

## Unit 3: Supplies

### Procurement

- Non-cache items are available through local vendors.



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### Procurement

- Procurement of non-cache items
  - Non-cache items are available through local vendors.
  - In some cases, local vendors can be depleted quickly. It may be necessary to set up alternatives in other nearby towns or cities and monitor local vendors. When local vendors are restocked, start local procurement again.

## Unit 3: Supplies

### Non-Cache Items Usually Available Locally

#### Common items

- Ice
- Fruit
- Juice

#### Uncommon items

- Golf carts
- Horse feed
- Carpet
- Lumber



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### Non-Cache Items Usually Available Locally

- Examples of common items:
  - Ice
  - Fruit
  - Juice
- Examples of uncommon items:
  - Tires
  - Horse feed
  - Cooling fans
  - Lumber
  - Carpet remnants
- Local agency items may include:
  - Fax machines.
  - Printers.
  - Computers.
  - Copy machines.
  - Phone lines.



## Unit 3: Supplies

### Services

- Portable toilet services
- Trash removal
- Land use agreements
- Mobilization center activation
- Meals (pre-caterer)
- Lodging

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### Services

- Portable toilet services
- Trash removal
- Land use agreements
- Mobilization center activation
- Meals (pre-caterer)
- Lodging

## Unit 3: Supplies

### BUYTs

- Dealing directly with the incident
- Procuring supplies for expanded dispatch
- Purchasing food and hotel accommodations
- Procuring services, supplies, land, and equipment rentals



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### Buying Teams

- A BUYT is ordered when purchasing requirements go beyond local capabilities and is ordered by the Overhead function.
  - The BUYT assists the host agency administrative officer.
  - The BUYT has the capability to work closely with expanded dispatch.
  - BUYT functions include:
    - ❖ Dealing directly with the incident.
    - ❖ Procuring supplies for expanded dispatch.
    - ❖ Purchasing food and hotel accommodations.
    - ❖ Procuring services, supplies, land, and equipment rentals.
- Service and Supply Plans provide basic information required to procure non-cache items locally.
  - Service and Supply Plans outline procedures for procurement without a BUYT.
  - The Service and Supply Plan lists:
    - ❖ Current and local vendors.
    - ❖ Contracts/agreements.
    - ❖ Method of payment (e.g., Blanket Purchase Agreements [BPAs], purchase orders, credit cards).
    - ❖ Information about ordering directly from General Services Administration (GSA).
- Refer to the *NWCG Standards for Interagency Incident Business Management*, PMS 902, Chapter 20.

### Shipping and Receiving Methods

#### Methods

- Air freight – Contract/call-when-needed, agency-owned, commercial
- Ground freight – Commercial, agency-owned, private/rental

#### Considerations

- Timeframes (date and time needed)
- Cost – quantity, cubic ft., weight

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### Shipping and Receiving Methods

- Air freight
  - Contract/call-when-needed
  - Agency-owned
  - Commercial air freight companies
- Ground freight
  - Commercial freight companies
  - Agency-owned
  - Private-equipment rental agreement
- Considerations
  - Timeframes – date and time needed
  - Cost – ground versus air, holiday and weekend deliveries, quantity/cubic ft./weight

## Unit 3: Supplies

### Shipping Status Information

- Number of pieces
- Date shipped
- Shipping mode
- Actual time of departure (ATD)/estimated time of arrival (ETA)
- Shipping document numbers



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### Shipping Status Information

- Number of pieces
- Date shipped
- Shipping mode
- Actual time of departure (ATD)/estimated time of arrival (ETA)
- Shipping document numbers (e.g., Bill of Lading [BOL], airbill number)

## Unit 3: Supplies

### Shipping Status Report

ICBS		SHIPPING STATUS REPORT		DATE: 04-10-2013
ISSUE NUMBER: 0000676489		SHIPMENT NUMBER: 0000676489-01		PAGE: 1 OF 1
INCIDENT NUMBER: UI-NWS-000782		YEAR: 2012		
INCIDENT NAME: WHISKY				
SHIPPING ACT CODE: LILFA241000.LF2000000.HU0000.LFSGGKT00				
SA OVERRIDE CODE:		TOTAL ISSUE COST: \$35,813.99		
TOTAL SHIPPING COST: \$0.00		PIECES:		
SHIPPING MODE: CACHR DELIVER		WEIGHT: 2845.73 LBS		
CARRIER: ALL CACHES		CUBES: 220.4731 CUPERT		
EST DEPARTURE DATE: 2012-09-07T00:00:00		EST ARRIVAL DATE: 2012-09-07T00:00:00		
DATE SHIPPED: 2012-09-07T00:00:00		EST DELIVERY DATE: 2012-09-06T23:00:00		
BOL NUMBER:		SHIPPING TRACKING NO: SEE BELOW		
VEHICLE ID: I425554		DRIVER NAME: JERRY NEWBERN		
TRAILER NO:		SEAL NO:		
PRO NO:				
ROUTING INFORMATION:				
DRIVER = JERRY NEWBERN / TRUCK I425554 / ETD BOL 9-7 @ 0600 ETA SIC @ 1200				
COMMENTS:				

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### Shipping Status Report

- Forms (refer to the Unit Resources section)
  - Great Basin Cache Shipping Status (with FedEx)
  - Great Basin Cache Shipping Status (with ground transport)
  - Aircraft Flight Request/Flight Schedule
- Unable to fill (UTF), partial fill, back orders
  - The cache system does not back order for emergency incidents. If it is unable to fill a particular item, the item will be UTF.
  - This information needs to be passed back to the ordering unit so they are aware that items need to be re-ordered.

## Unit 3: Supplies

### Hazardous Materials

- Liquid fuels
- Petroleum oil
- Fusees
- Batteries/battery fluid
- Explosives
- Compressed gas
- Small-arms ammunition
- Aerial ignition devices/materials



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### Hazardous Materials

- Hazardous materials are defined in this section using the definition provided by the Department of Transportation (DOT).
- Hazardous materials are any substance or material designated by the Secretary of Transportation as capable of posing an unreasonable risk to health, safety, or property when transported in commerce.
  - The definition includes hazardous materials as defined in Title 49 Code of Federal Regulations (CFR), Parts 171 to 180.
  - Under extreme circumstances, some federal agencies may be exempt from DOT compliance.
- Examples of hazardous materials:
  - Liquid fuels
  - Petroleum oils
  - Fusees
  - Batteries/battery fluid
  - Explosives
  - Compressed gas
  - Small-arms ammunition
  - Aerial ignition devices/materials

### Demobilization

- Requests are usually closed out after all transport information is passed.
  - Exception: Trackable items
- Recycling.

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### Demobilization

- Usually supply orders are closed after shipping and travel information is passed.
- The exceptions to this are trackable items (e.g., radio kits, cache vans, electronics). The ordering unit is responsible for the return of these items to the geographical caches.
- Recycling is encouraged, but it is the incident's responsibility to process.
- A cache demobilization specialist may be available from your local cache. They will help facilitate the demobilization of the supplies from the incident.

## Unit 3: Supplies

### Summary

- Caches stock three types of goods:
  - Consumable
  - Durable
  - Trackable
- NIICD is a national interagency resource composed of radio systems and kits available for incident communications.
- The NFES Catalog contains information about incident fire supplies and equipment stocked by and ordered from the National Interagency Support Caches.
- Non-cache items can be procured through local vendors.
- BUYTs procure supplies when purchasing requirements go beyond local capabilities.
- Shipping and receiving methods include air freight and ground freight.
- Reference Hazardous Material Guides, when appropriate.
- Usually supply orders are closed after shipping and travel information is passed.

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## Unit 3: Supplies

### Unit Resources:

- NIICD System/Kit Issue/Return
- Great Basin Cache Shipping Status (with FedEx)
- Great Basin Cache Shipping Status (with ground transport)
- Aircraft Flight Request/Flight Schedule