

CHAPTER 302

MOBILIZATION AND PRE-DEPLOYMENT ACTIVITIES

A. SOURCE OF MOBILIZATION TRANSPORTATION

Transportation resources are required to support mobilization, deployment, employment, sustainment, redeployment, and demobilization operations. Mobilization activities are supported principally by intra-Continental United States (CONUS) air, rail, highway, pipeline, port facilities, and inland waterway assets of commercial firms. These assets move units and unit-related equipment/supplies (also referred to as accompanying supplies) through the mobilization and deployment process from home stations to mobilization sites and to ports of embarkation (POEs); non-unit personnel from their homes to reception and training sites and then to replacement centers and POEs; and non-unit-related equipment/supplies (also referred to as resupply) from production and storage sites to POEs. Deployment, employment, sustainment, redeployment, and demobilization operations are supported by strategic airlift and sealift, which move units, non-unit personnel, and sustainment (both unit-related and non-unit-related equipment and supplies) from the United States to the theaters of operation. The sources of additional transportation resources for mobilization and the options for mobilizing them are listed in [Table 302-1](#). It is important to note that, in most cases, transportation assets must be mobilized before substantial deployments can be executed.

B. TRANSPORTATION MOBILIZATION OPTIONS

1. A variety of decision options are available for mobilization of strategic and intra-CONUS lift assets. As Air National Guard and Air Force Reserve assets of the Air Mobility Command (AMC) and airlift assets of the Naval Reserve are activated, voluntary and contract AMC charter, Civil Reserve Air Fleet (CRAF), and North Atlantic Treaty Organization (NATO) Allied Pre-committed Civil Aircraft Program airlift (in NATO emergencies) can be called to provide the needed capacity. Limited peacetime sealift, operated by the Military Sealift Command (MSC), can be augmented by voluntary contract charter, activation of the Ready Reserve Force (RRF), chartering, requisition of U.S.-flag and effective U.S.-controlled shipping (U.S.-owned but under foreign registry), and a limited number of NATO ships (in NATO emergencies). Foreign-owned flag ships are also a potential source of additional sealift through chartering. Activation of any ships from the National Defense Reserve Fleet (NDRF) that remain after activation of the RRF would only occur as attrition fillers.
2. Defense priority for the various modes of intra-CONUS transportation resources can be obtained through the United States Transportation Command (USTRANSCOM)/Military Surface Deployment and Distribution Command (SDDC). They provide quick acquisition of domestic surface transportation resources during peacetime, national emergencies, or major military deployments.

C. EFFECT OF TRANSPORTATION MOBILIZATION ON OTHER RESOURCE AREAS

1. Mobilization of transportation resources substantially affect the manpower resource area because highly skilled operators and crews, as well as maintenance and cargo handling personnel, are required at ports and transshipment points. The effect on ports, airfields, highways, pipelines, railroads, and inland waterways; facilities required for activation, maintenance, and storage; and repair parts and Materials Handling Equipment (MHE) may be significant. Legal authorities and funding are required to enable transportation resource expansion. Influence on the training base could be significant in a protracted conflict with high attrition rates of operator or crew personnel.

- a. [Augmenting Strategic Airlift](#). Each additional aircraft affects runway, throughput, marshalling, and temporary storage capacity at airfields; these factors could become constraints at departure, en route, and arrival airfields. Aircrews require subsistence and transient quarters, and aircrew shortages and crew rest considerations could also become constraints. Influence on the military training base will be minimal unless commercial carriers lose their capability to conduct their respective training. Some additional demands will be placed on the industrial base as stocks of repair parts are depleted. Shortages of aviation fuel, lubricants, repair parts, liability insurance, and qualified mechanics could become constraints.
- b. [Augmenting Strategic Sealift \(See Appendix C, Sealift Sources\)](#). In addition to constraints listed above, the charter, requisition, or activation of each additional ship draws on the available pool of licensed officers, and certified merchant seamen. The withdrawal of commercial vessel insurance and war-risk exclusion for crew life insurance may also constrain the use of commercial vessels. To surmount this constraint, the President may authorize the Secretary of Defense (SecDef), acting through the Secretary of Transportation (SECTRANS), to issue war-risk insurance under Title XII of the Merchant Marine Act of 1936, 46 U.S. Code (U.S.C.) Chapter 539, [War Risk Insurance](#). Crew shortages could become a constraint, particularly if market forces and mortality rates result in a reduced pool of available private sector U.S. merchant mariners. Pulling ships from normal commercial service can have adverse long-term impacts on the commercial sealift carrier's business. Ships require berthing and anchorage space at ports, which, together with temporary storage, staging areas, cargo handling capabilities, and transportation mode links, determine throughput capacity. Laws governing the handling of hazardous materials (HAZMAT), such as ammunition, limit the number of ports that can handle such loads. Drydocks, shipyard facilities, and skilled labor are required for activation and periodic refitting. Constraints in the other resource areas should be minimal, except in extreme conditions marked by high attrition. Shortages of stevedores may be experienced if heavy demands are placed on multiple commercial ports within the same geographic area.
- c. [Augmenting Intra-CONUS Transportation Resources](#). The response and assistance of the commercial transportation industry enables the DoD to obtain transportation resources (air, rail, highway, barge, pipeline, and port facilities) not available through normal procurement channels. If the voluntary efforts of the industry result in transportation shortfalls, the DoD can request that the Department of Transportation (DOT) issue priority service or allocation orders to the commercial transportation industry to support the DoD requirements. Demands in the other resource areas should not be significant, except in extreme circumstances. Spot shortages in operator, crew, or maintenance personnel could occur if large numbers of commercial carrier employees are ordered to military duty or if local transportation demands are heavy. Spot shortages of fuel, repair parts, maintenance, and transshipment facilities could also occur during peak periods. At some installations, capacity of railheads and spurs could be a constraint.

D. SOURCES OF MOBILIZED TRANSPORTATION PERSONNEL

1. The mobilization of active duty and Reserve Component (RC) transportation forces is essential to support the deployment from the CONUS; reception, staging, and onward movement operations at the deployed location; and redeployment from the deployed location. The Services and the USTRANSCOM Transportation Component Commands (TCCs) mobilize and deploy active and RC personnel and units. Mobilized forces replace forces deployed from the CONUS; augment forces in the CONUS or at deployed locations, and establish operations in the CONUS and

overseas locations. Mobilized forces include active and RC units and personnel in the following areas:

- a. Aerial port terminal operations at aerial ports of embarkation (APOEs)/debarkation (APODs)
- b. Terminal transportation brigades and battalions at seaports of embarkation (SPOEs)/debarkation (SPODs)
- c. Surface (ocean, rail, highway) movement documentation teams
- d. Contingency Response Element (CRE)
- e. Deployment support brigades
- f. Port security companies at SPOEs/SPODs
- g. Arrival/Departure Airfield Control Group (A/DACG)
- h. Embarkation and debarkation operations.

E. PLANNING CONSIDERATIONS FOR DEPLOYMENT, SUSTAINMENT, AND REDEPLOYMENT

1. **General.** Strategic mobility is the capability to deploy and sustain military forces worldwide in support of national strategy. The Defense Transportation System (DTS) is that portion of the Nation's transportation infrastructure that supports the movement of DoD transportation needs in peace and war across the range of military operations including the movement of personnel, cargo, and equipment during the deployment and redeployment process. It is an integral part of the total U.S. transportation system and involves procedures, resources, and interrelationships between the DoD, federal, commercial, and non-U.S. activities to include agreements the U.S. Government has with non-U.S. activities to enter cargo into the DTS (e.g., Canada). (See Joint Publication [JP] 4-09, Distribution Operations, and Army Doctrine Publication [ADP] 3-0, Unified Land Operations.) DoDD 4510.11, DoD Transportation Engineering, outlines the policies and responsibilities associated with the execution of programs for highways, ports, and railroads for national defense, and administration of other modal national defense programs as directed by the SecDef. These services include installation transportation studies, evaluations of marine ports, terminals, and other modal facilities identification and ensurance of important public highways and commercial rail lines, and engineering guidance related to force mobilization and deployment. The information displayed in [Figure 302-1](#) and [Figure 302-2](#) may apply to all phases of mobility. When USTRANSCOM declares the transportation environment is constrained ([Figure 302-1](#)) because of its inability to accommodate taskings levied from multiple locations within the same region, the TO will submit transportation requirements to USTRANSCOM for consolidation, sourcing, and prioritization in accordance with (IAW) the supported Commander's (CDR's) Time-Phased Force and Deployment Data (TPFDD). When USTRANSCOM cancels the consolidation requirement for sourcing of transportation assets, the TO will resume authorized procurement and routing authority in the unconstrained circumstance ([Figure 302-2](#)).
- a. **Transportation Assets for Mobility.**
 - (1) **Airlift.** The two sources for air transport assets are military and civil aircraft. Each has various transport restrictions based on the dimensions, weight, and shapes of the cargo to be moved. To mitigate lift constraints, USTRANSCOM will analyze all transportation resources to efficiently transport the shipper's requirement.
 - (a) **AMC.** As a component command of USTRANSCOM, AMC provides common-user airlift across the range of military operations. The military cargo aircraft

includes C-130, C-5, C-17, KC-135, and KC-10. The majority of these aircraft use the 463L air cargo pallet system to reduce the time required to load and unload bulk air cargo. See Appendix V for aircraft characteristics.

- (b) The CRAF augments unique airlift capability with civil aircraft, aircrews, and support structure during times of national emergency. The legal basis for CRAF is U.S.C Title 50, Defense Production Act of 1950, which empowers the President, during a national defense emergency, to allocate industrial production and services to the DoD. Airlift planners and shippers using CRAF assets must be aware of their unique characteristics. Civil aircraft transporting DoD cargo, passengers, and patients may require increased loading/unloading time and specialized MHE. Many CRAF assets are not configured to support 463L pallets. Unique MHE requirements for loading and unloading civil aircraft may constrain or restrict cargo loading at ports. Units will refer to load planners for specific restrictions. The 618th Air and Space Operations Center (AOC) (Tanker Airlift Control Center [TACC]) and installations must coordinate aircraft requests to ensure the planned aircraft can be handled.
- (2) Sealift Resources. Shipping resources can be classified as belonging to three separate pools of resources: U.S. Government, U.S. flag, and foreign flag assets.
- (a) U.S. Government assets can be found in both the DoD and DOT. In the DoD, MSC is the primary provider and operator of sealift resources. In the DOT, the Maritime Administration (MARAD) is the primary provider of sealift resources.
 - 1 MSC. As a component command of USTRANSCOM, MSC provides common-user sealift across the range of military operations. MSC adjusts and controls the total number of ships under its operational control to meet demand. Under normal peacetime conditions, the MSC force consists of government-owned ships as well as privately owned ships under charter to MSC. When demand increases, MSC can expand its fleet by acquiring additional sealift from a variety of resources and through a number of different acquisition programs. MSC resources available to the DTS beyond the MSC active peacetime fleet are Fast Sealift Ships (FSSs), and Large, Medium-Speed, Roll-on/Roll-off ships (LMSRs). Pre-positioning ships may be available for common-user sealift missions once released by the CDR.
 - a. FSSs. Government-owned Roll-On/Roll-Off (RO/RO) ships that are berthed on the U.S. East and Gulf Coast. These ships are capable of carrying 150,000 square feet of combat, combat support, or combat service support equipment at a speed of 27 knots.
 - b. LMSRs. Ships stationed Outside the Continental United States (OCONUS) that carry Army heavy brigade equipment and others berthed in the CONUS to transport deploying unit equipment and cargo. These ships can maintain a speed of 24 knots. One LMSR operates in the Maritime Prepositioning Ship (MPS) program. LMSRs operate primarily in support of Army and Marine Corps global prepositioning strategies.
 - c. Prepositioned (PREPO) Ships. MSC has a large fleet of PREPO ships that can be used for common-user sealift once they discharge their cargo and have been released by the Supported CDR. PREPO ships are used by the Army and Marine Corps to place immediate use assets near anticipated areas of responsibility (AORs).

- (6) Estimates of transportation requirements that must be fulfilled by common-user lift resources, as well as those requirements that can be fulfilled by assigned or attached transportation resources.

When a plan/TPFDD is executed, the estimates will be deleted and the Mobility Officer (MO) will direct movement of personnel, cargo, and equipment IAW TCC directives. Personnel, cargo, and equipment not in the JOPES TPFDD will be entered into JOPES and the DTS.

- d. Data Documentation Requirements. Data (electronic and hard copy) is required to initiate, monitor, and determine billing requirements for passenger, cargo, and equipment movements. Shippers, users, and port operators must provide accurate transportation data to enhance effectiveness and efficiency of the DTS, provide in-transit visibility (ITV), and ensure proper billing. Movements must be documented IAW with Defense Transportation Regulation (DTR) Part I, Passenger Movement, and Part II, Cargo Movement.
 - (1) All DoD sponsors of non-U.S. activities, to include agreements the U.S. Government has with non-U.S. activities on entering cargo into the DTS (e.g., Canada), must comply with Paragraph d above.
 - (2) Shipments excluded from these regulation data documentation requirements are coal and petroleum products shipped in bulk and annual resupply projects not entering the DTS.
- e. Cargo Moving Within the CONUS under Emergency Conditions. Plans for national and civil emergencies to manage specific national resources under conditions of international tension, natural and environmental disaster, and limited or general war are outlined in DTR Part II. Transportation emergencies may occur under any of these conditions.
 - (1) USTRANSCOM, through its TCCs, will issue instructions to activate emergency procedures that are not self-triggering.
 - (2) SDDC will provide traffic management guidance under emergency conditions. In addition, Transportation Offices (TOs) may execute emergency routing authority.
 - (3) Information on traffic management under emergency conditions is in DTR Part II, Chapter 201, Paragraph H.
- f. Non-Unit Resupply.
 - (1) TO will determine routing and mode selection using best value principles consistent with DoD Component logistic policies, customer requirements, specified customer wait time metrics, and/or Time Definite Delivery (TDD) time standards.
 - (a) Traffic managers, node, and mode operators, will ensure TDD and efficient routing, and will seek to eliminate unnecessary handling and delays in movement of cargo and equipment.
 - (b) Mode selection is based on the best value for the customer or activity paying for movement. Selection criteria will consider visibility reporting billing costs as well as actual cost of services.
 - (2) When it is determined that military or military-contracted transportation cannot meet customer requirements, all efforts to procure commercial transportation will be IAW national defense transportation policy. Commercial and military assets will not be dual committed.
- g. Cargo Movements.
 - (1) Airlift Clearance Authorities (ACAs), Ocean Cargo Clearance Authorities (OCCAs), or Customer Service Branches are designated as the focal points for tracking, tracing,

expediting (green sheeting), and diverting of cargo currently in the DTS. For Navy, the ACA performs the expediting (green sheeting) and diverting functions as well as the other standard ACA functions; however, the tracking and tracing function is performed by the Global Distance Support Center (GDSC). The GDSC contact numbers are 877-418-6824, DSN 510-428-6824, and fax 757-443-1655 (DSN 646), and the contact e-mail is GDSC@navy.mil.

- (2) When moving oversized or overweight cargo by commercial carrier, the TO is responsible for ensuring the commercial carrier is aware of excess weight and/or dimensional requirements. The commercial carrier is responsible for obtaining all local, state, and national or Host Nation (HN) permits. Units using military-owned vehicles are required to obtain all permits necessary for convoy or motor shipments. When moving hazardous or dangerous cargo by commercial carrier, the TO will ensure all local, state, national, international, or HN permits are obtained and procedures followed. (See Appendices F, J, and K.)
- (3) TOs and MOs will not free-flow cargo and/or equipment into APOEs, SPOEs, or channel hubs without prior clearance. Unit move cargo validated for movement on JOPEs-assigned air missions does not require ACA clearance; all other unit move cargo air shipments offered for movement from Appendix M-designated aerial ports (e.g., channel air) require ACA clearance.
- (4) Provisions of Chapters 204 and 205 of DTR Part II remain in effect during mobility operations when moving HAZMAT, classified, and sensitive cargo.
 - (a) The unit will provide the TO/MO information verifying arms, ammunition, explosives, and other HAZMAT are properly classified, packaged, marked, labeled, and documented IAW directives such as 49 CFR, Transportation (go to <https://www.govinfo.gov/app/collection/cfr/> and select the year desired) or Air Force Manual (AFMAN) 24-204_IP, Preparing Hazardous Materials for Military Air Shipments (go to <http://www.e-publishing.af.mil> and select “Departmental”, “24-Transportation”, and “AFMAN 24-204_IP”).
 - (b) TOs/MOs arranging shipment of arms, ammunition, explosives, and other HAZMAT will ensure compliance with local, state, and federal laws, DoD regulations, and United Nations standards. Additionally, for overseas movement, Status of Forces Agreements (SOFA), DoD Foreign Clearance Guide (FCG) (<https://www.fcg.pentagon.mil/>), and HN requirements for shipments into, through, or over foreign nations will be complied with. USTRANSCOM will provide information to DoD Components for all special foreign nation requirements not identified in the FCG. The Deployment Distribution Operations Center (DDOC) will serve as the USTRANSCOM POC for information concerning special certification requirements.
 - (c) The owning unit will provide escorts, coordinate clearances, and identify security requirements needed for movement of classified or sensitive cargo to POEs.
 - (d) Port operators will provide or coordinate for security and obtain clearance for onward movement of non-unit classified or sensitive cargo.
- (5) MHE, Containers, and 463L Assets. Units are responsible for identifying pallets, nets, containers, and other special equipment requirements to the TO or MO. DTR Part VI, Management and Control of Intermodal Containers and System 463L Equipment, provides specific procedures for management and authorized use of the DoD intermodal container system and 463L assets.

- (6) **Opportune Lift (OPLIFT).** OPLIFT capability is space via air (also referred to as Space Available Traffic) or surface modes that may be available for use after planned requirements are met. Units are encouraged to use or release excess space aboard aircraft, ships, or other transportation assets to move passengers, cargo, and equipment. The addition of cargo and passengers must be authorized before OPLIFT can be offered. Billing for OPLIFT is IAW regulations.
- h. **Passenger Movements.** TOs/MOs have responsibility for arranging travel of mobilized units/non-units located within their AOR to designated POEs. Units will electronically submit complete passenger manifests to the supporting TO. Clearance requirements for overseas movements will be as stipulated in the DoD FCG or as directed by the supported CDR. TOs/MOs will ensure passengers meet entry requirements and have documentation.
- i. **Reporting and Visibility.**
 - (1) Joint Publication (JP) 4-01, Joint Doctrine for the Defense Transportation System, Chapters I and IV, requires that an effective ITV capability must be established to provide efficient global transportation management. Integrated Data Environment (IDE)/Global Transportation Network (GTN) Convergence (IGC) is the designated DoD system for ITV. The ITV process consists of a large number of participants who must follow designated business procedures to provide accurate source data, prompt nodal updates, shipment status information, and shipment receipt notices and employ various Automated Information System (AIS)s and Automatic Identification Technology (AIT)s in both peace and war. Those participants include, but are not limited to, deploying units, node and port operators, commercial transportation service providers, installations, and depots. Each has a key role in ensuring seamless ITV by providing passenger, cargo, schedule, and movement information to IGC. The ITV process is the ability to track the identity, status, and location of DoD units, non-unit cargo (excluding bulk Petroleum, Oils, and Lubricants [POL]), passengers, patients, and personal property from origin to consignee or destination across the range of military operations. ITV of assets moving through the DTS or in support of DoD operations is essential to the DoD warfighting capability and is required by the supported CDRs.
 - (2) **Unit Cargo Movement ITV.** Unit cargo includes all unit equipment, accompanying supplies, Military Service pre-positioned forces and afloat pre-positioned equipment, and war reserve stocks. IGC receives unit movement data from various systems, from the point of origin, through a POE and a POD, and within the CONUS and theater. Generation of this regulation compliant deployment data is a unit responsibility. The Global Air Transportation Execution System (GATES) Surface and GATES are the primary POE and POD systems for sealift and air mobility, respectively. Where there is not a GATES capability readily available, alternative unit data capture solutions are coordinated by the lift provider and the moving organization and tailored to meet ITV requirements. Service deployment systems, such as the Cargo Movement Operations System (CMOS), also provide data to IGC. AIT protocols will also be employed anywhere along the movement pipeline to provide more timely, accurate movement updates. When capability exists, the Transportation Control Number (TCN) and the Transportation Tracking Number (TTN) are the unique alphanumeric 17-character identifiers assigned to a unit move shipment unit; they enable linkage of unclassified unit move shipment data to the classified JOPES force requirement without compromising Operations Security supporting operational-level ITV of force moving in support of joint operations. The Integrated Computerized Deployment System (ICODES) is the single DoD system to complete load plans for sealift, airlift, and rail.

- (3) Non-Unit Cargo Movement ITV. Non-unit-related cargo includes all equipment and supplies requiring transportation to an operational area, other than those identified as the equipment or accompanying supplies of a specific unit (e.g., resupply, military support for allies, and support for nonmilitary programs such as civil relief). IGC receives source shipment information from Defense and commercial vendor shippers, transportation node updates from key Defense and commercial logistic activities (consolidation points, aerial and seaports, and theater onward movement locations), and shipment status information from commercial carriers. The origin shipping activity is responsible for generating the movement documentation. IGC receives this regulation compliant source shipment information from the Distribution Standard System for DLA shipments. As shipments arrive and depart from USTRANSCOM seaports and aerial ports, IGC receives updates from GATES Surface and GATES, respectively. IGC also receives shipment status information from commercial carriers and vendors using industry EDI standards. AIT protocols are also employed to facilitate timely, accurate data capture. IGC links the TCN to the Military Standard Requisitioning and Issue Procedure (MILSTRIP) number to maintain ITV. (See Chapter 304 for additional information.)
- (4) Passenger Movement ITV.
 - (a) Unit Personnel. Unit move personnel include all civilian and military passengers directly attached to, and moving with, a deploying unit. IGC receives unit passenger data from source systems, POE and POD systems, and CONUS and theater consignee transportation systems. Generation of this regulation compliant deployment data is a unit responsibility. As passengers move through AMC aerial ports, GATES updates the manifest information in IGC. In turn, IGC offers inbound passenger manifest data to the APOD and other receiving activities for planning and joint reception, staging, onward movement, and integration management activities. Upon passengers' arrival at the APOD, information about their onward movements will be passed to IGC. Where there is not a GATES capability readily available, alternative unit data capture solutions are coordinated by the lift provider and the moving organizations and tailored to meet ITV requirements. The use of the common access card will meet enhanced data accuracy while expediting passenger manifesting and processing procedures.
 - (b) Non-Unit-Related Personnel (NRP). Non-unit passengers include all personnel requiring transportation to or from an operational area, other than those assigned to a specific unit (e.g., filler personnel; replacements; temporary duty or temporary additional duty personnel; civilians; medical evacuees; and retrograde personnel). GATES serves as the primary information collection point for reservations and booking of non-unit passengers. The originating installation transportation office electronically requests airlift through GATES, which provides schedules and seat confirmation to the requester. GATES also prepares passenger manifests for departing aircraft and transmits that information to IGC. For non-unit personnel traveling from other than GATES-supported locations, passenger manifesting is accomplished and forwarded to IGC. The DoD does not track passengers moving on scheduled commercial transportation (i.e., GSA Airline City Pair contracts), as a robust commercial capability currently exists.
- (5) ITV Timeliness Evaluation Criteria. ITV timeliness evaluation criteria are contained in [Table 302-2](#), Evaluation Criteria. The timeliness evaluation criteria specify the timeliness requirements for the transmission of manifests to IGC.

- (6) **ITV of Lift Assets.** ITV also provides visibility of airlift, sealift, and surface lift assets (aircraft, ships, and road and rail conveyances). Visibility of lift assets in transit or scheduled for movement is key to the C2 of those assets, port management, and scheduling the movement of unit and non-unit cargo and personnel. USTRANSCOM port software programs feed status of shipments to IGC, Services, and DLA software programs. AMC schedules and manages the execution of unique and AMC-chartered strategic airlift through the Global Decision Support System (GDSS). GDSS passes airlift schedules and arrival and departure information to IGC. Similarly, MSC provides sealift schedules and updates for unique and chartered lift assets to IGC via the MSC integrated command, control, and communication system, while commercial carriers pass arrival and departure event information via EDI. There is no single DoD system for tracking all road and rail schedules; however, there are some DoD AISs and AITs that monitor portions of road and rail moves. While these surface modes are critical to the movement of DoD assets, nearly 90 percent of DTS surface lift is provided by commercial carriers.
- j. **Radio Frequency Identification (RFID).** As active RFID technology is fielded throughout the DTS, unit move shipments of unit-related cargo in RFID Layer 4 freight containers (e.g., 20- and 40-foot ISO containers, 463L air pallets, and large engine containers), as well as unit move shipments of unit-related major organizational equipment not in RFID Layer 4 freight containers, must have active RFID license plate tags commissioned or data-rich tags written IAW Appendix H criteria with content level detail (e.g., TCN; a TTN; and the when capability exists, nomenclature, stock number, quantity, unit of issue, and Transportation Control and Movement Document [TCMD] record level). The tags will be attached at shipment origin by all activities (including vendors/contractors) stuffing containers or building air pallets. Shipments with a human escort or requiring signature service do not require an active RFID tag. Self-deploying aircraft and ships and the organic materiel they carry are exempt. Ammunition stocks to be consumed while afloat must not be tagged.
- NOTE:** See the DTR Definitions document for “RFID Layers.”
- k. **Reception, Staging, and Onward Movement.** Reception, staging, and onward movement are the supported CDR’s responsibility. Duties generally include ensuring the health, welfare, and life support of arriving forces and assisting with their onward movement. The DDOC coordinates onward movement to ensure a smooth flow of personnel, equipment, and supplies through PODs and Lines of Communication. Unit personnel will arrive at the APOD to coincide with equipment draw.
- (1) Planning will focus on moving units and cargo through PODs without delay. Marshalling areas are planned to allow rapid clearing of PODs and make staging areas (SAs) available for offloading. This reduces port congestion and potential for work slowdowns or stoppages in discharge operations. Electronic capture of arrival and onward movement processing is critical to accurately depicting current status and location.
- (2) Theater-based reception begins with arrival of forces and their sustainment at the POD. The primary transportation challenge of this process is port clearance. Except in the case of forcible entry, port opening forces will precede arrival of combat forces. Other supporting and enabling forces may precede or arrive concurrently with combat forces to conduct force reception and onward movement operations, establish theater distribution infrastructure, or conduct security operations.

1. Human Remains. Human remains will normally be moved IAW DTR Part VII. Theater/contingency CDRs will determine the type of transportation to meet requirements and expedite movement of human remains. Human remains will not be offloaded from transportation assets at en route stations, except as a military necessity or to expedite their onward movement.
 - (1) Movement by aircraft under DoD control. Each responsible activity must include the following information in its departure message: Name, grade, escort, CONUS destination, and mode of onward transportation desired.
 - (2) Movement by commercial airlift. The activity making travel arrangements notifies the military installation nearest the en route or arrival point. Each en route installation notifies all later en route points and arrival point of any change in itinerary.
 - (3) Include as information addressees on the message when travel is sponsored by:
 - (a) Army. Chief of Staff, United States Army (USA); Chief, Casualty Branch, DA (AGPB-CN); Chief, Support Division, DA-1; and CDR of each major command in whose AOR the final destination and each intermediate landing point are located.
 - (b) Navy. Chief of Naval Personnel.
 - (c) Air Force. Office of Mortuary Affairs (AFSVA/SVOMT Randolph AFB, Texas).
 - (d) Marine Corps. Commandant of the Marine Corps (Code DN).
 - (4) CDRs will establish policies on movement of mass casualties.
 - (5) In the case of a member of the Armed Forces who dies in a combat theater of operations and whose remains are returned to the United States through the mortuary facility at Dover AFB, Delaware, the Secretary concerned under regulations prescribed by the SecDef, will provide transportation of the remains of that member from Dover AFB to the applicable escorted remains destination IAW 10 U.S.C, § 1482, Expenses Incident To Death, and the John Warner National Defense Authorization Act for Fiscal Year 2007, Section 562.
 - (6) If the transportation of remains includes transportation by air, such transportation will be made by military aircraft or military-contracted aircraft unless the person designated to direct disposition of the remains directs alternative transportation (i.e., scheduled commercial lift).
 - (7) See Service regulations and DoDD 1300.22E, Mortuary Affairs Policy, for specific guidance on movement of remains.
- m. Range of Military Operations (ROMO). ROMO includes arms control, combating terrorism, DoD support to counterdrug operations, enforcement of sanctions/maritime intercept operations, enforcing exclusion zones, ensuring freedom of navigation and overflight, humanitarian assistance, military support to civil authorities, nation assistance/support to counterinsurgency, noncombatant evacuation operations, peace operations, protection of shipping, recovery operations, show of force operations, strikes and raids, and support to insurgency. In most cases, taskings are routed via the Joint Chiefs of Staff (JCS) to the CDR. These operations can vary widely in scope and purpose and may cross Service, national, and geographical lines. During ROMO, DTS documentation requirements do not change. When DoD transportation assets are used to support ROMO missions, pertinent JPs, DoD regulations, unified command regulations, command-to-command agreements, and memorandums of understanding (MOUs) with the Departments of State or Health and

Human Services will specify the DoD role. Additional implementing guidance may be contained in Operations Plans (OPLANs), OPLANs in concept format, or execution orders.

- (1) Humanitarian cargo moving in the DTS usually is not considered DoD cargo; however, this cargo may be absolutely critical to mission success. All approved humanitarian freight movements will be managed to the same standards as DoD freight and be documented IAW Part II of this regulation and will comply with guidance as found in Part III, Appendix G.
 - (2) Prior to entry into the DTS, shippers must obtain movement authorization from the Defense Security Cooperation Agency (DSCA-HA/D) (<http://www.dsca.mil/>) and move IAW this regulation.
- n. Noncombatant Evacuation Operations (NEO). After the State Department has authorized NEO operations and the SecDef has approved the use of military forces, the senior U.S. military on-scene CDR, in coordination with the U.S. Ambassador may initiate NEO any time it is deemed critical to remove civilians from a given area of operations (AO). NEO must involve the U.S. Ambassador, the Charge d' Affaires, or the Deputy Chief of Mission, working in close coordination with the HN to minimize civil unrest. Although these operations normally occur in a hostile or potentially hostile environment, they can occur during national unrest or natural disasters. NEO movements involve evacuation of U.S. nationals, designated HN civilians, and third-country nationals, as designated by the U.S. State Department. NEOs may require movement to a secure holding area within the HN or the withdrawal and delivery of evacuees to a secure holding area outside the HN, as designated by the senior military on-scene CDR following coordination with the U.S. Embassy. (For detailed guidance, see JP 3-68, Noncombatant Evacuation Operations; Field Manual 3-07, Stability; and DoDD 3025.14, Evacuation of U.S. Citizens and Designated Aliens from Threatened Areas Abroad). The Defense Manpower Data Center has developed and supports the Noncombatant Tracking System (NTS). Units that have the NTS will deploy it in the event of an evacuation, thus providing the ability to accurately track the evacuees' movement throughout the NEO operations. Manifest documentation data can be transferred to IGC via secure File Transfer Protocol for ITV.
- o. Security. In coordination with other DoD activities:
- (1) Individual Services will develop and administer a transportation security program to provide standardized transportation security procedures. Refer to DTR Part II, Chapter 205, for procedures pertaining to movement of classified and sensitive shipments.
 - (2) CDRs are responsible for security of their units and equipment/supplies throughout movement, and may arrange for supercargo personnel to escort equipment/cargo.
 - (3) Host installation will coordinate security within port areas.
 - (4) Security training assistance is available from the Services.
- p. Safety. Increased potential for accidents during deployment, sustainment, and redeployment operations demand extra emphasis and continuous focus by all personnel. CDRs will enforce safety requirements and when HN and U.S. standards differ, stricter requirements prevail.
- q. Foreign Customs and Border Clearance. IAW DTR Part V, Department of Defense Customs and Border Clearance Policies and Procedures, Chapter 509, the DoD must comply with foreign customs and border clearance laws and regulations without unnecessarily limiting the effectiveness and efficiency of the DTS or placing unnecessary and costly restrictions on individual DoD members/employees. Additionally, the DoD must exercise vigilance in preventing the export of agricultural pests to HNs. Generally, the same responsibilities of

DoD activities for the prevention of agricultural pest movements apply to export shipments from the United States to foreign countries, as well as on imports to the United States (clean, free of soil, and free of pest infestations).

2. Deployment Planning.

- a. General. Deployment is the movement of forces and their accompanying supplies to designated areas of operations. Deployment planning involves movement of personnel, initial sustainment cargo, and equipment assets from origin to theater SAs and to final destination (see Chapter 303). Final destination is defined as the physical location where unit employment operations are conducted. TPFDD movement requirements are identified and prioritized for all DoD Components during the joint operation planning cycle for operational plans and crisis action planning. These prioritized requirements are validated by the respective CDRs at execution. Airlift and sealift are coordinated to synchronize the arrival of personnel, cargo, unit equipment, and sustainment in theater. Planning covers deployment operations from point of origin to POD. (Also see JP 3-35, Joint Deployment and Redeployment Operations.)
- b. JOPES. Deployment planning and execution generally begin, and are continued, through the use of JOPES. This system provides a foundation for conventional C2 by national and theater-level CDRs and their staffs.
- c. Passenger Movements.
 - (1) Deploying units will ensure all personnel meet current eligibility requirements, which may include, but are not limited to:
 - (a) Immunizations.
 - (b) Prescription medicines.
 - (c) Dog tags and identification card.
 - (d) Current DD Form 93, Record of Emergency Data ([Figure 302-3](#)).
 - (e) Combat arms training.
 - (f) Chemical warfare defense training.
 - (2) TOs/MOs will verify personnel have the documentation required to effect entry into their final destinations (i.e., travel orders or passports).
 - (3) TOs are POC for deploying passengers via commercial transportation. DTR Part I provides additional information on movement of individual travelers or small units deploying via commercial air.
 - (a) The Commercial Ticketing Program (CTP) (Chairman Joint Chiefs of Staff Manual 3500.03E, Joint Training Manual for the Armed Forces of the United States, Appendix B to Enclosure M), established by the JCS J-7, is a funding source for individually-ticketed passengers moving commercially in support of JCS-directed training movements. CTP funds transportation from the APOE to the APOD only.
 - (b) Services control funds for CTP. Deploying units will obtain CTP funding appropriation data per Service guidance. Requirements are reviewed by AMC and the USTRANSCOM DDOC. The DDOC will issue an authorization message to JCS J-7, Service HQ supporting commands, and the scheduling command authorizing the use CTP funds.

3. Sustainment Planning and Preparations.
 - a. General. Sources of sustainment stocks include force-held stocks, prepositioned materiel, defense depots and Service maintenance depots, vendors, and Service supply support activities. Unified CDRs will identify key theater nodes and hubs to USTRANSCOM, who will provide all supporting/unified commands and their component consolidation staging points (hubs) used for sustainment. Initial sustainment requirements, in the form of unit-related cargo or accompanying supplies, which are identified for a specified initial period of operations, are integral to force deployments and will be identified as unit line numbers (ULNs) in the TPFDD, with tracking of sourcing and movement in JOPES. Such accompanying supply requirements may be sourced from force-held stocks, prepositioned materiel, HN support, or through supply requisitions. Later, non-unit-related cargo and material being shipped as resupply (for delivery after the initial sustainment period) generally will be moved and tracked using TCN without requiring JOPES deployment ULNs. (See Chapter 304.)
 - b. Movement Standards. The required delivery date (RDD), TDD, or the TPFDD latest-arrival date for TPFDD material is the standard for determining the success of transportation in meeting mission requirements.
 - c. Mode Availability. Several modes of transportation are available to support sustainment. These include military and commercial aircraft; barge; ferry; rail; commercial and organic trucks and pipeline; and sealift via MSC charter, commercial, or Navy vessels. Land transportation outside the United States is usually performed under a Common-User Land Transportation (CULT) system normally managed by the USA.
 - d. HN Customs Requirements. TOs will ensure cargo transiting through foreign commercial ports complies with HN customs requirements. Every effort will be made to route cargo shipments through to final customer destination. When using commercial companies, use only those that can affect HN customs clearances.
 - e. Movement of Morale and Welfare Items. The postal system will normally move morale, welfare, and gift items from individuals; private and public organizations; and DoD Morale, Welfare, and Recreational Services. However, supported CDRs may elect to use the DTS and establish the priority for movement, in conjunction with State Department approval. USTRANSCOM will inform all supporting commands in the event consolidation points are established for movement of high priority mail and other morale items. Army and Air Force Exchange Service items will be shipped IAW CDR priorities and be, at a minimum, coordinated and tracked.

F. MILITARY INSTALLATION MATERIEL OUTLOADING AND RECEIVING CAPABILITY REPORT

1. Purpose. This section prescribes procedures for submitting data on the capabilities of designated CONUS and OCONUS military installations to outload and receive materiel. This includes movement by rail, motor, and container under peacetime and mobilization conditions. This data will be used by the SDDC to plan and analyze the capability of installations to support DoD contingency requirements.
2. Applicability. This report applies to CONUS and OCONUS military installations, camps, bases, and depots of the Army, Navy, Marine Corps, Air Force, Coast Guard, Service Reserve Components, and DLA.

3. Supplementation. Local supplements to this report are permitted. If supplements are issued, a copy will be furnished to:
 - a. Commander, SDDC, ATTN: AMSSD-SPP, 1 Soldier Way, Building 1900 West, Scott AFB, IL 62225-5006.
 - b. The Service or Agency HQ.
4. Interim Changes. Interim changes to this report will not be issued. All valid changes will be reflected in Defense Transportation Regulations.
5. Suggested Improvements. The proponent Agency of this report is SDDC. Users are invited to send comments and suggested improvements directly to SDDC, ATTN: AMSSD-SPP, 1 Soldier Way, Building 1900 West, Scott AFB, IL 62225-5006.
6. Responsibilities.
 - a. The Heads of the Army, Navy, Marine Corps, Air Force, Coast Guard, and Service Reserve Components and the Director DLA will:
 - (1) Identify a Service/Agency level POC to SDDC at usarmy.scott.sddc.mbx.omb-for-g5-plans@mail.mil
 - (2) Select the CONUS and OCONUS military installations for which capability data will be developed and reported to SDDC (criteria for selection are based on the installations' roles in supporting DoD contingency operations and IAW [Paragraph F.7](#) below)
 - (3) Include all active and inactive installations that will have a mobilization mission during the first 180 days of a contingency operation or mobilization
 - (4) Direct the selected installations to report and provide a list of those Installations to SDDC
 - (5) Monitor the submissions of installations directed to report.
 - b. SDDC will use the reported data to:
 - (1) Plan mobility movements for the Services and DLA, such as:
 - (a) OPLAN transportation feasibility analyses
 - (b) Mobilization movements
 - (c) Programmatic studies for deployment and sustainment of forces
 - (2) Report Installation capacity shortfalls back to the Services, DLA.
7. Submission Instructions. Completion of the Military Installation Materiel Outloading and Receiving Capability Report will be accomplished online at the Installation Outloading Collection Capability system (IOCC) through SDDC's Electronic Transportation Acquisition System (ETA) at <https://eta.sddc.army.mil>.
 - a. Secure an ETA/IOCC account.
 - b. If the user is familiar with the IOCC data submission process, data can be manually entered into the IOCC system.
 - c. If the user is not familiar with the IOCC process, it is recommended that the user consult and utilize the IOCC estimator tools, with their supporting User's Manuals and a "How To" instruction sheet located in the IOCC "Documents" tab. The purpose of the estimator tools is to create a more consistent out loading/receiving capability data set across DoD Service components. In the design of the estimator, many differing variables are considered, as

installation and depot operational processes often differ depending on location. These differences can be in manpower, efficiency of operations, MHE availability, railcar switching, commercial carrier, response time, or other areas.

8. Instructions for Submitting Military Installation Outloading and Receiving Capability Report.
 - a. Annual report. The Military Installation Materiel Outloading and Receiving Capability Report will:
 - (1) Be prepared each calendar year. Annual reports are due by 10 February of each year. If 10 February falls on a non-duty day, the report is due the next duty day. A copy will also be furnished to the Service or Agency.
 - (2) Cover the period ending 31 December of the previous year.
 - (3) Addition and change reports are required for an installation whose existing capability exceeds a 10-percent variance, plus or minus, in any reporting block from the previous report.
 - b. For additional information, concerning IOCC requirements submission, contact SDDC, ATTN: AMSSD-SPP, 1 Soldier Way, Building 1900 West, Scott AFB IL 62225-5006. The contact numbers are 618-220-5085 and DSN 770-5085, and the contact e-mail is usarmy.scott.sddc.mbx.omb-for-g5-plans@mail.mil.
 - c. For additional information concerning ETA accounts and IOCC technical support, contact the ETA Administration Support Group at e-mail <https://eta-teams.transport.mil/teams/login>.
 - d. For additional information concerning IOCC Installation and Depot Estimator Tools, contact the Military Surface Deployment and Distribution Command Transportation Engineering Agency, ATTN: SDTE-SAI, 1 Soldier Way, Scott AFB, IL 62225-5006. The contact numbers are 618-220-5183 or DSN 770-5183 (for the Installation Estimator) and 618-220-5138 or DSN 770-5138 (for the Depot Estimator), and the contact e-mail is usarmy.scott.sddc.list.tea-sai-team@mail.mil.

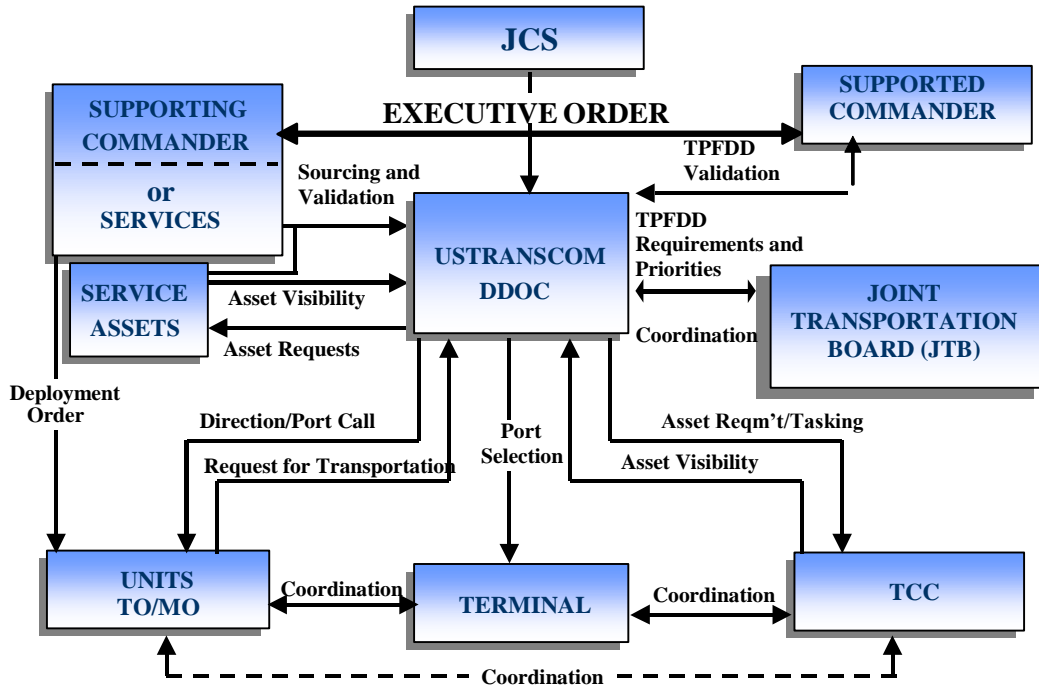


Figure 302-1. Constrained Environment

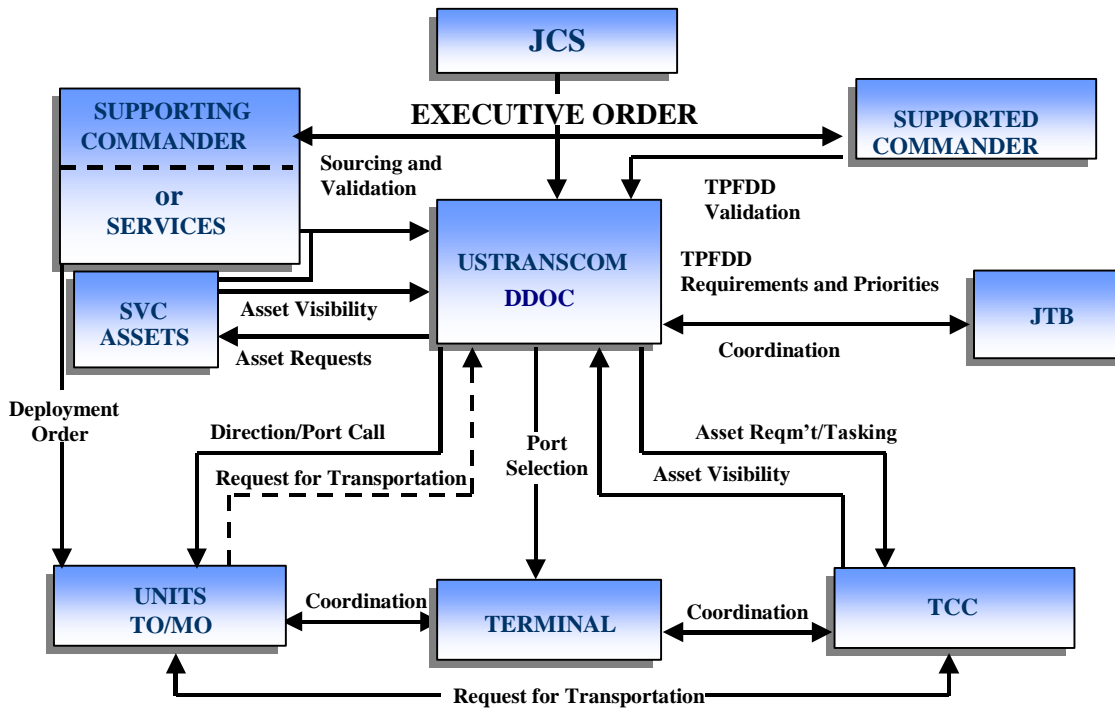


Figure 302-2. Unconstrained Environment

RECORD OF EMERGENCY DATA			
PRIVACY ACT STATEMENT			
<p>AUTHORITY: 5 USC 552, 10 USC 655, 1475 to 1480 and 2771, 38 USC 1970, 44 USC 3101, and EO 9397 (SSN). PRINCIPAL PURPOSES: This form is used by military personnel and Department of Defense civilian and contractor personnel, collectively referred to as civilians, when applicable. For military personnel, it is used to designate beneficiaries for certain benefits in the event of the Service member's death. It is also a guide for disposition of that member's pay and allowances if captured, missing or interned. It also shows names and addresses of the person(s) the Service member desires to be notified in case of emergency or death. For civilian personnel, it is used to expedite the notification process in the event of an emergency and/or the death of the member. The purpose of soliciting the SSN is to provide positive identification. All items may not be applicable. ROUTINE USES: None. DISCLOSURE: Voluntary; however, failure to provide accurate personal identifier information and other solicited information will delay notification and the processing of benefits to designated beneficiaries if applicable.</p>			
<p style="text-align: center;">INSTRUCTIONS TO SERVICE MEMBER</p> <p>This extremely important form is to be used by you to show the names and addresses of your spouse, children, parents, and any other person(s) you would like notified if you become a casualty (other family members or fiancée), and, to designate beneficiaries for certain benefits if you die. IT IS YOUR RESPONSIBILITY to keep your Record of Emergency Data up to date to show your desires as to beneficiaries to receive certain death payments, and to show changes in your family or other personnel listed, for example, as a result of marriage, civil court action, death, or address change.</p>		<p style="text-align: center;">INSTRUCTIONS TO CIVILIANS</p> <p>This extremely important form is to be used by you to show the names and addresses of your spouse, children, parents, and any other person(s) you would like notified if you become a casualty. Not every item on this form is applicable to you. This form is used by the Department of Defense (DoD) to expedite notification in the case of emergencies or death. It does not have a legal impact on other forms you may have completed with the DoD or your employer.</p>	
<p>IMPORTANT: This form is divided into two sections: Section 1 - Emergency Contact Information and Section 2 - Benefits Related Information. READ THE INSTRUCTIONS ON PAGES 3 AND 4 BEFORE COMPLETING THIS FORM.</p>			
SECTION 1 - EMERGENCY CONTACT INFORMATION			
1. NAME (Last, First, Middle Initial)		2. SSN	
3a. SERVICE/CIVILIAN CATEGORY <input type="checkbox"/> ARMY <input type="checkbox"/> NAVY <input type="checkbox"/> MARINE CORPS <input type="checkbox"/> AIR FORCE <input type="checkbox"/> DoD <input type="checkbox"/> CIVILIAN <input type="checkbox"/> CONTRACTOR			b. REPORTING UNIT CODE/DUTY STATION
4a. SPOUSE NAME (If applicable) (Last, First, Middle Initial) <input type="checkbox"/> SINGLE <input type="checkbox"/> DIVORCED <input type="checkbox"/> WIDOWED		b. ADDRESS (Include ZIP Code) AND TELEPHONE NUMBER	
5. CHILDREN		c. DATE OF BIRTH (YYYYMMDD)	
a. NAME (Last, First, Middle Initial)	b. RELATIONSHIP	d. ADDRESS (Include ZIP Code) AND TELEPHONE NUMBER	
6a. FATHER NAME (Last, First, Middle Initial)		b. ADDRESS (Include ZIP Code) AND TELEPHONE NUMBER	
7a. MOTHER NAME (Last, First, Middle Initial)		b. ADDRESS (Include ZIP Code) AND TELEPHONE NUMBER	
8a. DO NOT NOTIFY DUE TO ILL HEALTH		b. NOTIFY INSTEAD	
9a. DESIGNATED PERSON(S) (Military only)		b. ADDRESS (Include ZIP Code) AND TELEPHONE NUMBER	
10. CONTRACTING AGENCY AND TELEPHONE NUMBER (Contractors only)			

DD FORM 93, JAN 2008

PREVIOUS EDITION IS OBSOLETE.

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Figure 302-3. DD Form 93, Record of Emergency Data

Table 302-1. Transportation Mobilization: Sources and Options

Situation	Sources of Transportation Augmentation	Transportation Mobilization Options	Actions Required
Any level of emergency	Strategic Airlift		
	Reserve component airlift assets.	Task AMC; Reserve component, and Naval Reserve assets.	Secretaries of the Air Force and Navy activate units and individuals with call up order.
	Voluntary charter.	Charter available commercial aircraft.	AMC obtains commercial charter airlift.
	CRAF Stage I.	Activate when required to augment capacity.	USTRANSCOM activates and operationally directs CRAF I assets with SecDef approval.
	CRAF Stage II.	Activate when required to augment capacity.	USTRANSCOM activates and operationally directs CRAF II assets with SecDef approval.
Any level of emergency	Strategic Sealift		
	Voluntary charter.	Charter available commercial vessels when required to augment USTRANSCOM controlled fleet.	MSC obtains commercial charter shipping.
	DoD-reduced operational status ships.	Activate when required to augment sealift capacity.	USTRANSCOM requests reduced operational status approval.
	RRF.	Activate when required to augment sealift capacity.	USTRANSCOM requests through Chairman of the JCS (CJCS); SecDef approves (by agreement with the SECTRANS), DOT/MARAD (NDRF) implements.
Any level of emergency	Voluntary Tanker Agreement (VTA).	Augment when required to augment sealift (tanker) capacity.	USTRANSCOM activates.
	Fast Sealift Ships (FSSs) and Large, Medium-Speed, Roll-On/Roll-Off (RO/RO) Ships (LMSRs).	Activate to augment sealift capacity.	MSC obtains commercial charter sealift.
	CONUS Transportation		
	Commercial air, rail, highway, barge, transportation terminal unit.	Activate the Contingency response program. Mobilize SPOE transportation terminal units.	The contingency response program team assembles at the call of USTRANSCOM to prevent or resolve transportation shortfalls. Secretary of the Army publishes call up order for transportation terminal units.
National emergency or war	Strategic Airlift		
	CRAF Stage III.	Activate to augment airlift capacity.	USTRANSCOM activates and commands CRAF III assets with the approval of SecDef.
	Foreign voluntary charters.	Charter available foreign aircraft.	USTRANSCOM enters into agreements with foreign carriers consistent with the Fly American Act.
	North Atlantic Treaty Organization (NATO) Allied Pre-committed Civil Aircraft Program aircraft.	Request NATO resources to augment U.S. airlift capacity.	North Atlantic Council requests reinforcements and responds to requests for airlift.

Situation	Sources of Transportation Augmentation	Transportation Mobilization Options	Actions Required
National emergency or war	Strategic Sealift		
	Requisitioned U.S.-flag and effective U.S. controlled shipping vessels.	Requisitioned to meet sealift requirements.	With declaration of National emergency, SECTRANS requisitions ships at the request of SecDef.
	Naval Inactive Fleet of the NDRF.	Activate to augment sealift capacity.	With declaration of National emergency, USTRANSCOM requests through CJCS; SecDef orders activation.
	NATO vessels.	Request NATO resources to augment U.S. sealift capacity.	North Atlantic Council requests reinforcements and responds to requests for NATO ships.
National emergency or war	CONUS Transportation		
	Air, rail, highway, and barge	Seek priorities and allocations of domestic transportation to augment capacity.	With declaration of National emergency, the President invokes priorities and allocations for DoD.

Table 302-2. Timeliness Evaluation Criteria

Movement Event	Lift Transmission to IGC
1. Ocean shipments	
a. Commercial liner and charter service	Within 24 hours of event (Goal of 4 hours)
b. Exercise and wartime unit and sustainment moves on gray bottom U.S. Naval Ship vessels	Within 24 hours of event (Goal of 4 hours)
2. All intra-theater cargo and passenger movements (all modes)	Within 2 hours of event
3. All air, truck, and rail cargo and passenger inter-theater movements	Within 1 hour of event