

### ART 4.1.2.3.1 Move by Surface

Transport cargo, equipment, and personnel by waterways, railroads, highways, or other means, such as organic transportation. ART 4.1.2.3.1 includes the performance of logistic convoys. (FM 55-30) (CASCOM)

NO.	Scale	Measure
01	Yes/No	Delay in surface transportation did not degrade, delay, or modify unit operations.
02	Time	To refine theater distribution plan for area of operations (AO) after receipt of warning order.
03	Time	To establish comprehensive surface movement plan after AO is assigned.
04	Time	For AO movement control battalion or team to begin operation after AO is assigned.
05	Percent	Of difference between planned theater distribution requirements and actual requirements in AO.
06	Percent	Of planned surface transport support completed in AO.
07	Percent	Of scheduled surface transport movements completed on schedule.
08	Percent	Of operations degraded, delayed, or modified due to delays in moving or evacuating personnel, supplies, and equipment.
09	Percent	Of surface cargo in AO transported by waterways.
10	Percent	Of surface cargo in AO transported by railroad.
11	Percent	Of bulk fuel in AO transported by pipeline.
12	Percent	Of surface cargo in AO transported by wheeled or tracked vehicles.
13	Percent	Of personnel, supplies, and equipment in AO that arrive at their destination on schedule.
14	Percent	Of passengers stranded in transit for more than one day.
15	Percent	Of surface transport capacity in AO utilized per day.
16	Percent	Of required surface transport provided by host nation.
17	Number	Of tons per day of supplies and equipment in AO moved by surface transport.
18	Number	Of tons per day of supplies and equipment in AO moved

		by organic units.
19	Number	Of passengers per day transported by surface means in AO.

**Supporting Collective Tasks:**

<b>Task No.</b>	<b>Title</b>	<b>Proponent</b>	<b>Echelon</b>
10-2-0012	Set Up Pipeline/Hoseline Operational Areas	10 - Quartermaster (Collective)	Company
55-2-0011	Transport Personnel and Cargo	55 - Transportation (Collective)	Company
55-2-0024	Transport Crew Members and Overweight Vehicles or Oversized Cargo	55 - Transportation (Collective)	Company
55-2-0038	Transport Dry and Refrigerated Containerized Cargo	55 - Transportation (Collective)	Company
55-2-0069	Conduct Shuttle Operations	55 - Transportation (Collective)	Company
55-2-4560	Transport Personnel and Light General Cargo	55 - Transportation (Collective)	Company
55-2-4573	Transport Palletized or Containerized Medium General Cargo	55 - Transportation (Collective)	Company
55-3-0007	Set Up Truck Platoon	55 - Transportation (Collective)	Platoon
55-3-0010	Direct Truck Platoon Operations	55 - Transportation (Collective)	Platoon