

ATTACHMENT 3a

**FUTURE TACTICAL TRUCK SYSTEMS (FTTS)
TRAILERS**

**ACTD Demonstrator Capabilities and
Priorities**

24 May 2004

The following represents the capabilities that must be demonstrated to ensure the success of the Military Utility Assessment.

Demonstrator	
Maneuver Sustainment Vehicle Companion Trailer	Utility Vehicle Companion Trailer
<p>DISTRIBUTION</p> <p>The FTTS MSV CT shall carry any load carried by the MSV. The MSV-CT shall receive loads directly from the MSV either connected to or not connected to the MSV (threshold) or shall self-load/off-load any load carried by the MSV (objective) without additional interface, kits, or MHE.</p>	<p>DISTRIBUTION</p> <p>The FTTS UV CT shall carry any load carried by the UV up to 5,100 pounds (Threshold) or 6,000 pounds (objective). The FTTS UV CT shall be capable of transport of 463L pallets and varied mission modules such as multi-mission radars, UAV launchers, fuel and water pods, ammunition modules, cargo modules, etc.).</p>
<p>MOBILITY</p> <p>The FTTS MSV CT shall meet the FTTS MSV mission profile. The FTTS MSV Companion Trailer while empty or fully loaded shall cause no less than 20% mobility degradation over the OMS/MP of the MSV when towed behind the prime mover and shall follow the track behind the MSV.</p>	<p>MOBILITY</p> <p>The FTTS UV CT shall meet the FTTS UV mission profile. The FTTS UV Companion Trailer while empty or fully loaded shall cause no less than 20% mobility degradation over the OMS/MP of the UV when towed behind the prime mover and shall follow the track behind the UV.</p>
<p>MAINTENANCE</p> <p>The FTTS MSV CT shall utilize the FTTS MSV to automatically collect maintenance and cargo (payload) sustainment data.</p>	<p>MAINTENANCE</p> <p>The FTTS UV CT shall utilize the FTTS UV to automatically collect maintenance and cargo (payload) sustainment data.</p>