

# Load Handling System Compatible Water Tank Rack (Hippo)

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## MISSION

Enhances and expedites the delivery of bulk potable water into the division and brigade areas, providing the Army with the capability to receive, store, and distribute potable water to units deployed throughout the battlefield.

## DESCRIPTION

The Load Handling System (LHS) Compatible Water Tank Rack (Hippo) represents the latest in bulk water distribution systems technology. It replaces the 3,000 and 5,000 Semi-trailer Mounted Fabric Tanks. The Hippo consists of a 2,000-gallon potable water tank in an International Organization for Standardization frame with an integrated pump, engine, alternator, filling stand, and 70-foot hose reel with bulk suction and discharge hoses. It has the capacity to pump 125 gallons of water per minute.

The Hippo is fully functional, mounted or dismounted, and is air transportable and ground transportable when full, partially full, or empty. It is Heavy Expanded Mobility Tactical Truck (HEMTT)-LHS, Palletized Load System (PLS)- and PLS-Trailer-compatible, and designed to operate in cold weather environments and can prevent water from freezing at -25 degrees Fahrenheit. The Hippo can be moved, set up, and established rapidly using minimal assets and personnel. No site preparation by engineer assets is required, and its modular configuration supports Expeditionary Joint Forces Operations.

## SYSTEM INTERDEPENDENCIES

HEMTT-LHS, PLS, and PLS Trailer

## PROGRAM STATUS

- **2QFY07:** Full materiel release
- **1QFY08:** Production and fielding
- **4QFY08:** Additional quantities placed on contract
- **FY09:** Updated integrated electronic technical manuals
- **FY10:** Continue production and fielding with 625 systems fielded as of July 30, 2010

## PROJECTED ACTIVITIES

- **FY11 and beyond:** Continue production and fielding

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

## Load Handling System Compatible Water Tank Rack (Hippo)

### FOREIGN MILITARY SALES

None

### CONTRACTORS

Mil-Mar Century, Inc. (Miamisburg, OH)

