

## MUTUAL AID TANKER SHUTTLE PRACTICAL EXERCISE

The purpose of this 4 hour practical session is to familiarize the students with actual tanker shuttle operations. They will need to setup a portable water dump tank and draft from it. A tanker, or tankers, will be utilized to demonstrate the operations at a dump site; a fill site; and how to time a tanker's "cycle time". The students should be split into two groups so that they can participate at both the fill and dump sites. They will be rotated as a group once they have accomplished at least one tanker cycle.

Equipment Required:

Minimum of 1 tanker (2 or more is preferred)

Two pumpers capable of drafting (one can be substituted with 2 or more portable pumps if necessary)

Minimum of one portable tank (two are preferred)

All participants/instructors must be in full TOG

### **FILL SITE:**

The fill site can use water from any source. If a hydrant is used, it must be at least 1/2 mile from the dump site. The students will be responsible for setting up a portable tank and then taking it back down during this evolution. If a portable tank is NOT used at the fill site, they must set one up and take it back down during their time at the dump site.

- The location must allow for safe operations. ICS shall be utilized.
- It will not interfere with local traffic if at all possible
- All operations will be in a non-emergency mode
- One pumper will be assigned to the fill site and configured to supply in-coming tankers with water
- The students will work under ICS and will setup the fill site to fill incoming tankers the most efficiently.

### **DUMP SITE:**

The dump site will utilize at least one dump tank. The students will be responsible for setting up a portable tank and then taking it back down during this evolution.

- The location must allow for safe operations. ICS shall be utilized.
- It will not interfere with local traffic if at all possible.
- One pumper will be assigned as the attack pumper. If this is a two pumper evolution, this pumper will also be responsible for drafting from the portable tank.
- If a third pumper is utilized, the drafting pumper will supply a water supply line to the attack pumper, which will be located nearby.
- The students will calculate the GPM from at least one tanker using the TDR formula.

### **POSSIBLE ADDITIONS TO THE PRACTICAL EXERCISE:**

Consider adding the following to the practical exercise if time and equipment allows:

- Set up two fill sites (different locations)
- Set up two portable tanks at the dump site and create a siphon between the two.
- Set up one pumper as an attack pumper. When the signal is given, this pumper will begin discharging at least 250 GPM. The students must ensure that this discharge is not interrupted at any time. This exercise will challenge the students to incorporate the information obtained during the classroom portion.