



TRAINING PLAN

Subject		
Driver / Operator – Relay Pumping Operations		
Instructors		
<u>A</u>	<u>B</u>	<u>C</u>
Logistics		
<u>Time Required</u> 2 hrs.	<u>Equipment Needed</u> Minimum 2 Engine Companies Water Supply LDH Hose Location to Flow Water	

DESCRIPTION

Objectives:

1. Review the SFT Driver / Operator 1B Topic 5-5: Principles of Relay Pump Operations
2. Review the Purpose and Application of Relay Pumping
3. Demonstrate the ability to establish a Relay Pump Operation to adequately supply an incident

Description / Outline:

1. Review the State Fire Training Driver / Operator 1B Topic 5-5: Principles of Relay Pump Operations:
 - [DrOp 1B Topic 5 5.pdf](#) (attached to Training Plan)
 - *Pumping Apparatus Driver/Operator Handbook*, IFSTA, Second Edition, Pages 395-413 and 583
 - NFPA 1002: Sections 5.2.1, 5.2.2, 5.2.4, 8.2.1, and 8.2.2
2. Purpose & Application of Relay Pumping
 - Purpose:
 - To move water over an extensive distance
 - To augment inadequate pressure from source
 - Application(s):
 - Excessive or “Long” Hose Lays
 - ≥ 600’ (dependent on the diameter of LDH used)
 - Undersized Water Mains or Distribution Lines
 - “Dead End” Hydrants
 - Large Volume Demand
3. Perform a Relay Pumping Operation to establish and Adequately Supply a Simulated Incident:
 - Minimum 2 Engine Co. Relay Pumping Operation
 - Minimum 1200’ Total Distance from Water Source to Attack Pumper
 - Establish & Support Minimum Flow of 500 GPM