



TRAINING PLAN

Subject		
Rack, Pulley, Mariner Review		
Instructors		
<u>A</u>	<u>B</u>	<u>C</u>
Logistics		
<u>Time Required</u> 2 hrs (2 Companies per drill, 1 hr. ea.)	<u>Equipment Needed</u> Truck Hardware / Software incl. RPMs from Truck Life Safety & Utility Rope	

DESCRIPTION

Objectives:

1. Review the purpose of the Rack-Pulley-Mariner (RPM) rigging system
2. Review the process of rigging an RPM for lowering and raising
3. Review switching the RPM between raising and lowering configurations

Description / Outline:

1. Review the operation & benefit of the RPM
 - Review the CMC Load-Releasing Hitch, brake bar rack
 - Review rigging a complete RPM
2. Review the set-up of the RPM in a lowering system, and conversion to a hauling system.
 - Practice conversion from lowering to raising
3. Perform a dynamic evolution to include each of the following skills:
 - Split into two groups, setting up two complete RPM rigs (in opposing positions for this evolution)
 - Using a tug-of-war-type setup, alternately raise and lower an object across the ap bay floor. One side will “raise” the object as the other side is “lowering”.
 - Restore RPMs to pre-rig configurations, with load-releasing hitches correctly tied.

4. References: LARRO Instructor and Student Manual (May 2007), Chs 8-12

Prepared By:	Date / Date Revised:
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