



Boat Crew Seamanship Manual

Forward and Introduction

PURPOSE. The Boat Crew Seamanship Manual presents the approved methods and procedures for the conduct of Division boat crewmembers and operators. This Manual incorporates and standardizes the current best practices employed within the Division boat operations community. It is intended to be the primary reference for the Boat Crew Training Program. The standard methods and procedures presented in this Manual apply to all boat operations, crew training and certification.

SOURCE MATERIAL. Source material for this manual came from the following:
Boat Crew Seamanship Manual, "Train, Maintain, Operate," 9COMDTINST M16114.5C) written for the United States Coast Guard.

Chapman Piloting Seamanship & Boat Handling (63rd Edition)

Utah State Parks Policy and Guidelines.

The structure of the Manual closely mirrors the *Boat Crew Seamanship Manual* of the United States Coast Guard. Much of the material in each chapter is verbatim from that manual. Material was edited for content with Division practices, as well as the bodies of waters that Division Boat Crewmembers operate on, in mind. The manual was written by Dave Shearer, Harbor Master of Great Salt Lake State Marina.

Introduction

Seamanship plays an important role in safe and efficient operations for personnel assigned to Division vessels. While local parks will govern which methods of achieving certain operations are the best for their area of operations, there are certain basic principles and subject matter areas that form a firm background of good seamanship. The purpose of this Manual is to explain good seamanship principals, subject matter areas, and how they apply to boat operations. The subjects and principles include boat crew duties and responsibilities, first aid, boat handling, communications, weather and oceanography, boat characteristics and other subjects, theories, and techniques learned over time by skilled mariners. Above all, it is the goal of this Manual to provide the safest, most efficient methods, techniques and informational guidance possible for boat crewmembers executing some of the most challenging and potentially dangerous missions performed in the Division.

Warnings, Cautions, Notes

The following definitions apply to Warnings, Cautions, and Notes found throughout this Manual.

WARNING: Operating procedures or techniques that must be carefully followed to avoid personal injury or loss of life.

CAUTION: Operating procedures or techniques that must be carefully followed to avoid equipment damage.

NOTE: An operating procedure or technique essential to emphasize.

Blue Text

All text in Blue is specific to operations on the Great Salt Lake. The Division recognizes that the Great Salt Lake is the most unique boating environment in Utah, let alone in North America. Certain considerations and understanding must be undertaken for safe and effective operations on Great Salt Lake.

Chapter 19

Chapter 19 is for each boat crewmember's Area of Operation. For boat crewmembers operating on Great Salt Lake, Chapter 19 will be specific to that area of operation. If a boat crewmember will be operating at Utah Lake, Bear Lake or Jordanelle, as examples, Chapter 19 will be written for each of those bodies of water. If you do not have Chapter 19 for your Area of Operation please ask your park manager for a copy.

Boat Crew Member Certification Manual

This manual is designed to be a reference source to personnel working towards their Boat Crew Member Certification as well as Boat Operator certification. It is also designed to be a reference to expand on one's knowledge even after certification. The Boat Crew Certification Manual can be obtained by requesting a copy from the Division Boating Program. The Boat Crew Member Certification Manual contains the skill sheets that must be checked off by a certified instructor for each discipline. This manual and the Boat Crew Member Certification Manual are designed to work with each other in achieving knowledge, discipline and certification goals.

Last Updated August 2014