

MANAGING YOUR BOAT LIKE A PRO

Outline

PART 1

Section 1—Introduction 0900 to 0920

What does it mean to “Manage your boat like a Pro”?

Managing your boat like a pro...

- Risk Management
- Safety Management
- Maintenance Management
- Leadership
- Passage Planning
- Situational Awareness
- Managing Traffic
- Management of Consumables
- Articulation and Documentation

Section 2— The Refit Cycle 0920 to 0930

Maintenance Management

Managing a Lay-up and Refit Cycle

Managing a Refit List (Appendix A-1)

Section 3—Preparing Your Boat for a Season of Cruising 0930 to 1010

Seasonal Maintenance Inspection and Checklist (Appendix A-5)

Annual Testing and Maintenance of Safety Equipment

Seasonal Checklist (Appendix A-5)

Section 4—Spares and Stores (Appendix A-11) 1010 to 1035

Spare parts and hardware should include (for complete checklists see Appendix A):

Electrical

Engine Parts

Toolkit

First Aid Kit

Break 1035 to 1050

Section 5—Boat Documentation (Appendix A-1 and A-3) 1050 to 1110

The Ship's Notebook

Logbook

Managing a Log Book

Entries to be made in the Logbook

Radio Station License and Restricted Operator's Certificate 1030

Section 6 Pre-Season Shakedown Cruise (Appendix A-9) 1110 to 1130

Systems Testing

Secondary Steering

Monthly Safety Equipment Inspection

With Main Engine(s) operating (secured to the dock)

At Sea Operational Testing

The Shakedown Cruise

Critical Drills

Section 7—Planning Your Trip (Appendix A-14) 1130 to 1200

Appraisal

Planning

The Cruise Plan (Appendix A-15)

Safety of Guests and Crew

Preparedness:

Four Rules for a Captains and Crews

San Juan Islands Story

The Daily Plan (Appendix A-15)

Lunch 1200 to 1230

PART 2

Section 8—Passage Making Underway (Appendix A-16) 1230 to 1310

Loading the Boat

Fuelling the Vessel (Appendix A-10)

Getting Underway—Daily Procedures and Checklists

Weather

Procedures for Getting Underway (Appendix A-16)

Engines

Wheelhouse

Galley/Accommodation

On Deck

En Route Procedures—Executing and Monitoring the Plan (Appendix A-17)

Dead Reckoning

Monitoring your Progress along the Course Line

Situational Awareness (Appendix A-17)

Placing Too Much Reliance on Radar

Am I Going Crazy?

Use Your Equipment

A Tragedy

Section 9—Watchkeeping 1310 to 1350

Radio Procedures and Frequencies (Appendix A-18)
Distress, Urgency and Safety Communications
The Global Maritime Distress and Safety System
Digital Selective Calling (See Appendix N)
Radio Tips (Appendix A-18)
Watchkeeping (See Appendix A-18 and Appendix E)
Staying on Course
Collision between the *Mondisy* and the *Canada Senator*
Standing Orders (Appendix E)
Passing Distances
Weather (Appendix A-19)

Section 10—Managing Traffic (Appendices F and G) 1350 to 1430

Rule 2 (The General Prudential Rule)

Rule 5

Rule 6

Rule 7

Rule 8

“Not To Impede”

Rule 16 Action by Give-way Vessel

Rule 17 Action by Stand-on Vessel

Collision Avoidance

Rule 13 Overtaking

Rule 34

Restricted Visibility

Permitted Turns in Restricted Visibility

Radar Collision Avoidance

The Andrea Doria

Watching your wake

Naval Vessel Protection Zones

Section 11—Mooring, Docking and Anchoring (Appendix A-21) 1430 to 1450

Docking—A Systematic Approach

The Zen of Docking

On coming to a dock

First principles

Standard Operating Procedures for Docking

- Planning Phase
- Preparation Phase
- Arrival Phase

Special Docking Techniques

Use of Spring Lines

Working with lines and fenders for extreme conditions

Modes of Propulsion

- Single Conventional Propeller
- Variable Pitch Propeller
- Outdrive
- Jet-drive
- Twin Drive Units
- Twin Conventional Propellers
- Bow Thruster

Anchoring or Using a Mooring Buoy (Appendix A-22) 1450 to 1500

Principles of anchorage

Choosing an anchor spot

Coming to Anchor

Procedures

Alternate method

Securing the anchor

Anchor Watch (Appendix A-24)

Break 1500 to 1520

Anchoring or Using a Mooring Buoy (continued) 1520 to 1545

Weighing Anchor

Fouled Anchors

Using Kelleets and Buoys

Mooring to Two Anchors

- Anchoring Bow and Stern
- Bahamian Moor
- Lying to Two Anchors

Securing to a Buoy (Appendix A-25)

Alternate Method

Shore-lines (Appendix A-26)

- Using a shore-line where there is limited swinging room
- Using a shore-line in a remote location

Mooring Your Dinghy

Section 12—When Things Go Wrong (Appendix A-27) 1545 to 1615

Attitude

When to call for help

Grounding

Fire

Towing and Salvage (Appendix A-28)

The Legal Concept of Salvage

Towing and Being Towed (Appendix A-28)

- When accepting a tow
- When taking another vessel in tow

Section 13—Laying-up and Winterizing your Boat 1615 to 1645

General considerations for laying-up your vessel

Red Tag Procedures

Worst-case Temperature

In-Water Storage??

Configuring the Boat for In-Water Storage

Off-season Prevention While Stored in the Water

Storage Ashore??

Configuring the Boat for Storage Ashore

Preparation for Storage Whether Ashore or Afloat

Review the Refit List

Wrap up and Discussion 1645 to 1700