

**MILES RIVER SAIL & POWER SQUADRON (MRSPS)
SAFE BOATING PROGRAM FOR KIDS
2010 LESSON PLAN**

SESSION TOPIC: EMERGENCY RESPONSE – FIRE EMERGENCIES

OBJECTIVES: KNOW ABOUT FIRE EMERGENCY ABOARD A BOAT

PERFORM CORRECT USE OF A RADIO TO MAKE EMERGENCY CALL TO COAST GUARD

TIME: CBMM = 35 MINUTES; EMS = 25-27 MINUTES

**LOCATION: CBMM = NAVY POINT & BALCONY OF ‘PLAY ON THE BAY’ BLDG; EMS = GYM & CURTAINED STAGE
(Simulated Coast Guard Station)**

INSTRUCTORS: LEAD INSTRUCTORS = 2; FIRE EMERGENCY = 1/DAY; CALL TO COAST GUARD = 5/DAY (TOTAL = 11)

NUMBER OF STUDENTS: 10-12

EQUIPMENT: POSTERS: Fire Triangle, A,B,C, Fighting Fire, Pan, Securite, Mayday; 4 8 ft tables, 3 chairs (CG); 4 charts with 6 ‘disaster’ scenario positions marked; 10 PFD’s; 4 pair family radios; “SIGN” at CG; Hand-outs: scenarios; CG responses; bucket with water; flares; Fire Extinguishers: “empty” dry powder, “boat” dry powder, CO₂, pressurized water; Simulation equipment: fire fighting (USPS)

CONTENT	NEED TO KNOW FOR SAFETY	PRACTICE DRILL	REFERENCE
Response to fire emergency	Classes of fires: * A * B * C Combustible material on boat: Fire triangle: * Fuel * Oxygen * Spark Types of extinguishers: * Pressurized water * CO ₂ * Dry powder Mounted or built in extinguishers Response to fire:	Student Q & A: What can burn on a boat? What do you need to have a fire? What do you have to do to put out a fire? How long does a ‘boat’ extinguisher last? Check charge & date Shake dry powder	Equipment: Fire Triangle poster A, B, C, Poster Fight fire poster Fire extinguishers Flares Bucket with water 1 Table

<p>Use of flares as emergency signal</p>	<ul style="list-style-type: none">* 1st = people safety* 2nd = call to CG* 3rd = fight fire <p>Actions:</p> <ul style="list-style-type: none">* Turn boat into the wind* Cut off fuel* Fight fire* Operate extinguisher* Sweep base of fire <p>When to use Danger: Burns; Start fire</p>	<p>Practice lighting flares</p>	
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CONTENT	NEED TO KNOW FOR SAFETY	PRACTICE DRILL	REFERENCE
<p>EMERGENCY CALL TO COAST GUARD</p>	<p>Equipment:</p> <ul style="list-style-type: none"> * VHF radio <p>Types of emergencies</p> <ul style="list-style-type: none"> * MAYDAY: a request for immediate assistance. LISTEN! DO NOT TRANSMIT!! Determine if you’re in a position to help. If not, maintain radio silence. MAYDAY identifies an imminent, life-threatening emergency * PAN-PAN: (pronounced pahn-pahn) is used when the safety of a boat or person is in jeopardy. Man-overboard messages are sent with the PAN-PAN signal. * SECURITE (pronounced say-cur-e-tay) is used to pass navigation information or weather warnings 	<p>Discussion equipment:</p> <ul style="list-style-type: none"> VHF Radio Charts <p>List examples of emergencies and categorize</p> <p>Practice calling the Coast Guard using radio and printed scenarios</p> <p>1-6</p>	<p>Poster: PAN-PAN, SECURITE, MAYDAY</p> <p>Hand-outs: 6 scenarios</p> <ul style="list-style-type: none"> 2 student tables 2 CG tables 2 CG chairs <ul style="list-style-type: none"> 2 marked charts students <ul style="list-style-type: none"> Eastern Bay Choptank River 2 marked charts CG <ul style="list-style-type: none"> Eastern Bay Choptank River 10 PFD’s <ul style="list-style-type: none"> 4 pair family radios <p>“SIGN” at CG station</p>

EMERGENCY RESPONSE SESSION SCENARIOS

SITUATION 1

BOAT RAN AGROUND

LOCATION: MILES RIVER

PEOPLE ON BOARD:

TYPE OF BOAT: RUN-ABOUT, OUTBOARD

BOAT LENGTH: 18 FT

BOAT COLOR: WHITE

THINK PASSENGER HAS A BROKEN ARM

SITUATION 2

BOAT ON FIRE

LOCATION: EASTERN BAY

PEOPLE ON BOARD:

TYPE OF BOAT: CRUISER, INBOARD

BOAT LENGTH: 26 FT

BOAT COLOR: LIGHT BLUE TOP, WHITE HULL

FIRE EXTINGUISHER DIDN'T WORK

SITUATION 3

BOAT SINKING

LOCATION: CHOPTANK RIVER

PEOPLE ON BOARD:

TYPE OF BOAT: PARTY FISHING BOAT

BOAT LENGTH: 32 FT

BOAT COLOR: WHITE

SITUATION 4

LOST PERSON OVERBOARD

LOCATION: CHOPTANK RIVER

PEOPLE ON BOARD:

TYPE OF BOAT: SKIPJACK, UNDER SAIL

BOAT LENGTH: 38 FT

BOAT COLOR: WHITE

NO PFD ON

NO WHISTLE

NO STROBE LIGHT

THROW OUT MARKER

SITUATION 5

RAN OUT OF GAS

LOCATION: CHOPTANK RIVER

PEOPLE ON BOARD: _____

TYPE OF BOAT: FISHING SKIFF, OUTBOARD (JON BOAT)

BOAT LENGTH: 17FT

BOAT COLOR: CAMAFLOUGE

NO ANCHOR

WIND BLOWING OUT OF THE NORTH WEST, 15-20 KNOTS

IN 15-20 MINUTES WHERE WILL YOU BE?

SITUATION 6

COLLISION

LOCATION: MILES RIVER

PEOPLE ON BOARD: _____

TYPE OF BOAT: CRUISER, OUTBOARD

BOAT LENGTH: 21 FT

BOAT COLOR: WHITE

COMING INTO ST. MICHAELS HARBOR, JUST PAST RED MARKER #4, A BOAT IN FRONT OF US SWERVED TO MISS A PWC JUMPING A WAKE IN FRONT OF HIM AND COLLIDED WITH ANOTHER BOAT.

ONE BOAT IS SINKING AND PEOPLE ARE IN THE WATER.
WHAT SHOULD WE DO?

EMERGENCY CALL TO COAST GUARD	Equipment: <ul style="list-style-type: none">* VHF radio* Cell phone Types of emergencies <ul style="list-style-type: none">* MAYDAY: a request for immediate assistance. LISTEN! DO NOT TRANSMIT!! Determine if you're in a position to help. If not, maintain radio silence. MAYDAY identifies an imminent, life-threatening emergency* PAN-PAN: (pronounced pahn-pahn) is used when the safety of a boat or person is in jeopardy. Man-overboard messages are sent with the PAN-PAN signal.* SECURITE (pronounced say-cur-e-tay) is used to pass navigation information or weather warnings
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