

#1 Boiler Room 1-63-1-E

From: Damage Control Training Team (DCTT)
 To: Commanding Officer, USCGC HEALY (WAGB-20)
 Subj: Drill Date: 08 Jun 05

Used This Drill	Prop / Simulation	Simulated Casualty
X	Black Flag	Black Smoke
X	Yellow Rag	Fuel Oil Leak
X	Red Flag and Black Flag combined	Bravo Fire
X	Green and Red peanuts	AFFF

The following safety issues / simulations will **ALWAYS** be in effect onboard *HEALY*:

- A. Activation of installed CO₂ Flooding System / AFFF flooding system / Salt water flooding system.
- B. Charging of fire hoses in any machinery space.
- C. Discharge of portable fire extinguishers without specific direction from a DCTT/ECCTT member.
- D. Destructive access or clearance of equipment for simulated DC efforts.
- E. Spraying water on Helo's.
- F. Dumping the Flume tank.

Plant Status:

Inport	Underway	Ice	Hove-To
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MDG #1	Stby	Cyclo 1CC1	O/L	#1 MG Set	Stby	#1 F/P	SEC
MDG #2	O/L	Cyclo 1CC2	O/L	#2 MG Set	O/L	#2 F/P	SEC
MDG #3	O/L	Cyclo 2CC1	O/L	#1 SSTF	O/L	#3 F/P	SEC
MDG #4	OOC	Cyclo 2CC2	O/L	#2 SSFT	Stby		
ADG	Stby	Bow Thruster	Stby	Steering Gear	O/L		

OBJECTIVES THIS DRILL:

A. MOB-E-110 Combat a class 'B' Main Machinery Space Fire

- .3 Fight a Class Bravo fire (MOB-D-9-SF)
- .4 Evacuate space (MOB-D-9-SF)
- .5 Isolate affected space (MOB-D-9-SF)
- .6 Control smoke dispersal (MOB-D-9-SF)
- .7 Establish and maintain fire boundaries (MOB-D-9-SF)
- .8 Reenter effected space. (MOB-D-9-SF)
- .9 Conduct post fire actions (MOB-D-9-SF)

DCTT Members & Assignments:

Member Name	Assignment	Tasking Sheet
EO	Bridge	.3, .5 , .6, .7, .8, .9
1 st LT	Repair Locker	.5, .6, .7
	ECC/P100	
DCC	On Scene	.3 , .4, .8, .9
dcc	Boundaries	.7
EMC	Repair electrician	.5
BMC	On Scene Leader	.3 , .6, .8, .9
	AFT Investigator	
	FWD Investigator	
DCC	Team Leader	.3 , .8 , .9
HSC	Stretcher Bearer	As per Medical Drill Sheet

DCTT Mode of training: Training

Watch standers level: Training

Risk assessment

Number 25

Green

Amber

Red

SAFETY WALK THROUGH: Completed by ALL DCTT in perspective areas.
Complete ½ hour prior to drill.

SCENERIO:

HEALY is underway. The EOW gets a BOILER #1 MALFUNCTION ALARM on MPCMS. EOW sends TOW to investigate. When TOW arrives he finds that the F/O piping going into the burner has cracked spilling F/O. TOW reports and starts to take initial action. As TOW starts unreeling AFFF hose reel the F/O ignites around the burner assembly, TOW starts fighting fire until it gets out of control and he/she evacuates. TOW (as per ETT Drill Sheet) will collapse after leaving due to smoke inhalation. EOW should dump CO2 and AFFF. AFFF will fail to operate. CO2 will be effective. Fire Team will enter space after 15 min soak time and overhaul. Desmoking will be used via installed ventilation; drill will end after request for atmospheric testing. ETT will take care of initial actions; DCTT will handle the F/F team portion.

Training Time Out: A training time out may be called by training team members if a situation arises that requires more time to train than allowed in the timeline. Additionally, training time out may be called if watchstander(s) is performing procedures incorrectly and corrective action and/or on scene training by the training team member will disrupt the timeline. Training time out may be called in the training team loses control of the drill.

Training Time In shall be given by the training team leader when situation is corrected or proper training has been completed.

Safety time out: Safety is the primary concern when training. A safety time out may be called by any crewmember or training team member if a watchstander places themselves or equipment in an unsafe environment or condition. In a safety time out the drill will be stopped and corrective action will be taken to correct the situation. The **Commanding Officer** has exclusive authority to restart the drill once he is satisfied that the condition to run the drill are safe.

██████████, DCC

XO____

██████████, CAPT

DCTT Leaders

Commanding Officer

(b)(6)&(7)(c)

Risk Assessment

Evolution:

0- No Risk

10- Max Risk

Planning (Definition, Scope): 3

Supervision (Direct, Level): 3

Crew Selection (Quals): 5

Crew Fitness (Fatigue, Etc.): 3

Environment (Night/Day, Weather, Conflicts): 3

Evolution Complexity (Location, Length): 5

Equipment: 3

Total: 25

Risk Level:

0-25 Low Risk

26-52 Med Risk/ Benefits

53-70 High Risk/ Benefits

FIRE DRILL SCENARIO

ITT TIME COMPARTMENT NUMBER / NOUN NAME **1-63-1-E/#1 Boiler Room**

CLASS OF FIRE: **BRAVO**
DISCLOSURE METHOD: **RED FLAG & BLACK FLAG**
DCTT: **DCC**

SCBA'S **WILL** / WILL NOT BE ACTIVATED.
POSITIONS ASSIGNED TO ACTIVATE: **ALL**
DISCLOSURE METHOD: **ACTUAL**
DCTT: **EO, 1st LT, DCC, EMC, BMC, dcc**

HOSE TEAM RELIEFS: **As required**
SCBA CHANGE-OUT STATION(S): **MESSDECK**
DCTT:

FIRE FIGHTING ENSEMBLE:
WILL BE DONNED / WILL NOT BE DONNED / DON THEN DOFF
DCTT: **1st LT, DCC, EMC, BMC, dcc**

FIREHOSE
DRY / CHARGED & SECURED AT THE PLUG BY DCTT
DISCLOSURE METHOD:
DCTT: **1st LT, DCC, EMC, BMC, dcc**

ELECTRICAL ISOLATION:
SIMULATE / SECURE POWER / EXCEPTION OF _____
LOCATION OF SOURCE:
DISCLOSURE METHOD: _____
DCTT: **EMC**

BOUNDARY HOSE:
DRY / CHARGED & SECURED AT THE PLUG BY DCTT
METHOD OF DISCLOSURE:
DCTT: **BMC, dcc**

FIRE BOUNDARIES REQUIRED AT:
ABOVE: **04-75-1-E (Stack), 02-66-3-E (Air intake)** HOT/ COLD
BELOW: **2-63-0-E (AMR 5), 2-75-0-E (AMR 6)** HOT/ COLD
PRI FWD: **Fr 63** HOT / COLD PRI AFT: **Fr 80** HOT / COLD
SEC FWD: **Fr 48** HOT / COLD SEC AFT: **Fr 105** HOT / COLD
PORT: **1-65-2-E (Boiler Room #2), 4-63-1-T (Escape trunk)** HOT / COLD
STBD: **1-63-3-L (Passageway), 1-65-1-K (CO2 Room)** HOT / COLD
METHOD OF DISCLOSURE: **Actual**
DCTT: **EO, 1st LT, BMC, dcc**

SMOKE BOUNDARIES REQUIRED AT:
SAME AS FIRE BOUNDARIES
SMOKE CURTAINS AND BLANKETS REQUIRED: **YES**
METHOD OF DISCLOSURE: **BLACK RAG**
DCTT: **EO, 1st LT, BMC, dcc**

____ SPACE ACCESS:
INITIAL ACCESS / ALTERNATE ACCESS
INACCESSIBLE FITTING(S): _____
ACCESS EQUIPMENT **REQUIRED** / **NOT REQUIRED**
METHOD OF DISCLOSURE: **Actual**
DCTT: **DCC**

____ FIRE ATTACK:
DIRECT / **FOG ATTACK** / **INDIRECT ATTACK**
METHOD OF DISCLOSURE: **RED FLAGS & BLACK FLAG**
DCTT: **DCC**

____ ACTIVE DESMOKING: **REQUIRED** / **NOT REQUIRED**
EXHAUST FAN: **REQUIRED** / **NOT REQUIRED** AT ACCESS: _____
ROUTE TO BE USED:
MAKE UP AIR ROUTE:
METHOD OF DISCLOSURE:
DCTT:

____ FIRE CONTAINED:
METHOD OF DISCLOSURE: **RED & BLACK FLAGS AT WAIST LEVEL**
DCTT: **DCC**

____ FIRE OUT:
METHOD OF DISCLOSURE: **RED & BLACK FLAGS BEHIND BACK**
DCTT: **DCC**

____ OVERHAUL OF FIRE: **Cover fuel oil with AFFF blanket**
NUMBER OF HOT SPOTS: none
EQUIPMENT REQUIRED: fire hose
METHOD OF DISCLOSURE: Remove yellow rags from deck
DCTT: **DCC**

____ SPACE DESMOKING:
EQUIPMENT: **Installed**
ROUTE:
METHOD OF DISCLOSURE: **Actual**
DCTT: **EO, 1st LT, DCC, EMC, BMC**

__N/A__ ATMOSPHERIC TESTING:
O2 % _____ DISCLOSURE: **ACTUAL** / **SIMULATED**
EXP % _____ DISCLOSURE: **ACTUAL** / **SIMULATED**
T = _____ PEL DISCLOSURE:
DCTT:

AMPLIFYING INSTRUCTIONS: none