R/V MANTA
Engine Room Fire

LT Melissa M. Trede, NOAA Corps
Timeline of Events

0000:  Shift change
  Captain reports smoke from port engine room
  Collected fire extinguishers to back deck

0040:  Smelled Electrical Burning
  Turned off engine & Sounded general alarm
  Explored space & found port generator on fire
0000: Shift change

Captain reports smoke from port engine room

Collected fire extinguishers to back deck

Secured space & fuel; used fixed fire system

0040: Smelled Electrical Burning

Turned off engine & Sounded general alarm

FUEL SHUT OFF AND FIRE SUPPRESSION

NOAA
Timeline of Events

0000: Shift change
Captain reports smoke from port engine room
Collected fire extinguishers to back deck
Secured space & fuel; used fixed fire system
Knocked on doors
Full muster of personnel

12 MINUTES

0040: Smelled Electrical Burning
Turned off engine & Sounded general alarm
Explored space & found port generator on fire
Set up fire hoses, donned life jackets, and called USCG on VHF 16
Started home on one engine

0052: Called Sanctuary Superintendent
Timeline of Events

0000: Shift change
Captain reports smoke from port engine room
Collected fire extinguishers to back deck
Secured space & fuel; used fixed fire system
Knocked on doors
Full muster of personnel
0225: Back at the pier; Called Fire Department
0340: Ship cleared; crew left except 2 people
0040: Smelled Electrical Burning
Turned off engine & Sounded general alarm
Explored space & found port generator on fire
Set up fire hoses, donned life jackets, and called USCG on VHF 16
Started home on one engine
0052: Called Sanctuary Superintendent
0244: Fire Department arrived and inspected the ship
Lessons Learned

- Tell visiting personnel to “check on their buddy” when responding to the general alarm
- Always call the fire department on your way in
- Review life expectancy of equipment
- Consider emergency lighting on the back deck
- Unfortunately, Labor Day was the deadly fire aboard Conception. Since then we also physically show passengers in the lower berths how to use the hatch and have them operate it
- We are purchasing personal emergency breathing units for berths