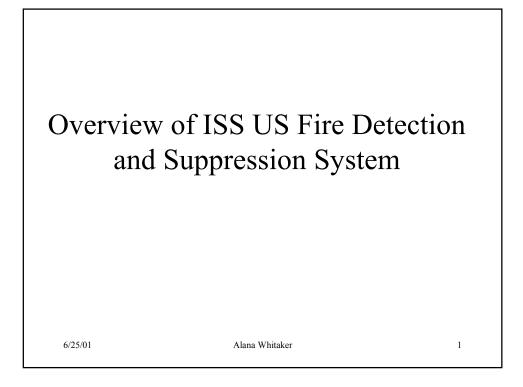
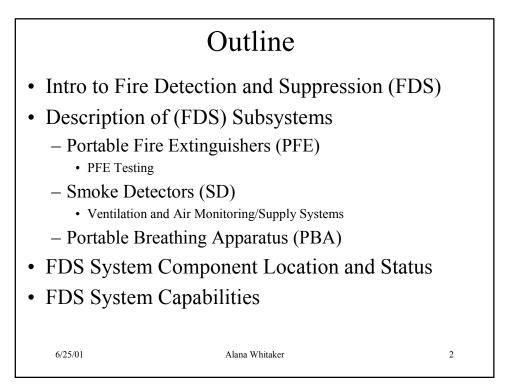
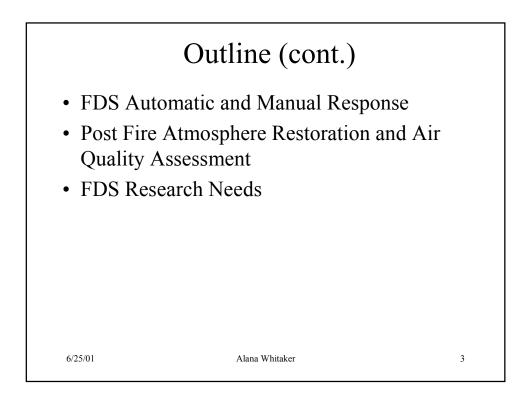
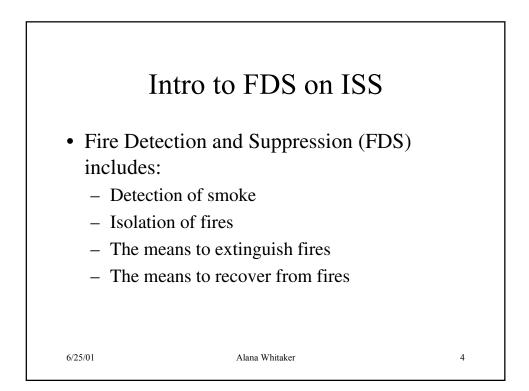
Overview of ISS U.S. Fire Detection and Suppression System

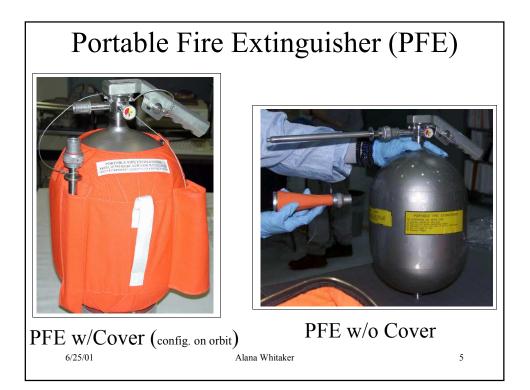
Alana Whitaker ISS ECLS Subsystem Manager Fire Detection and Suppression Systems NASA Johnson Space Center

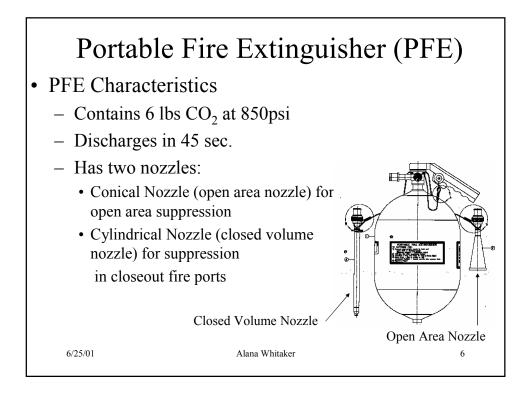


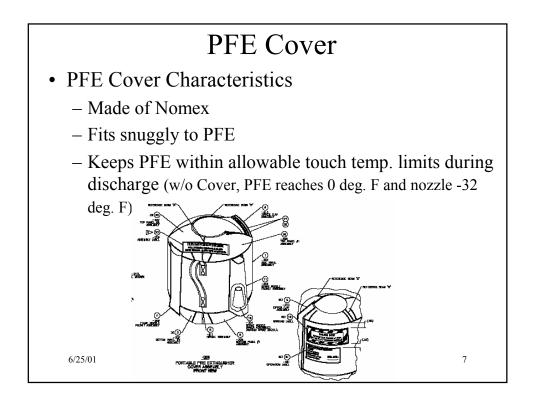


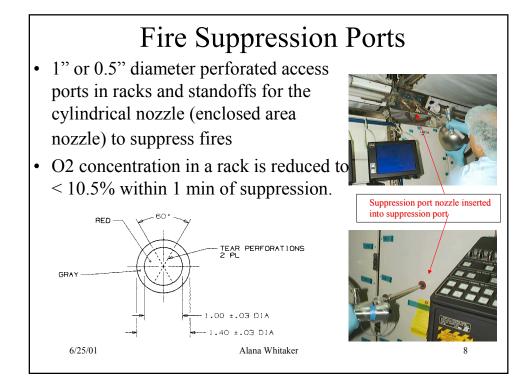


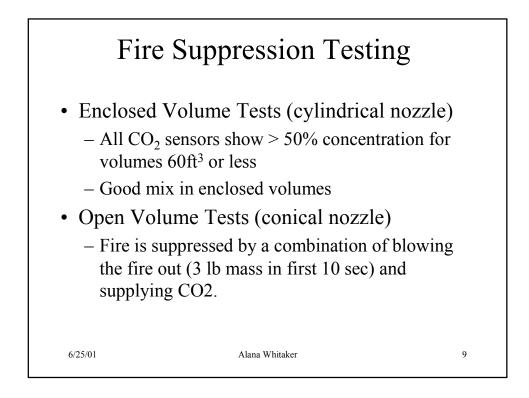


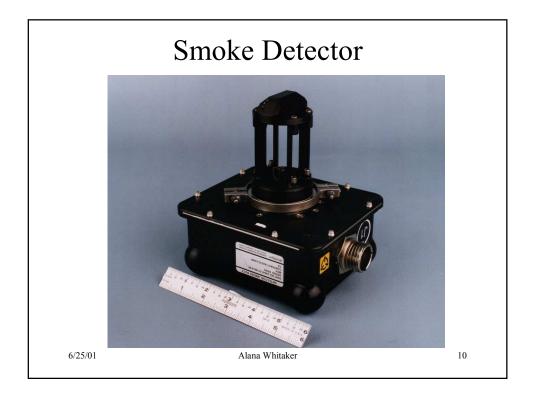


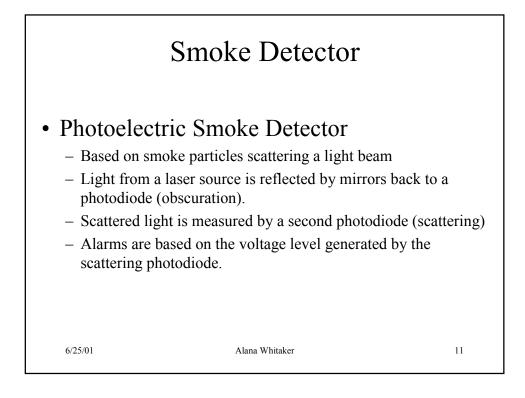


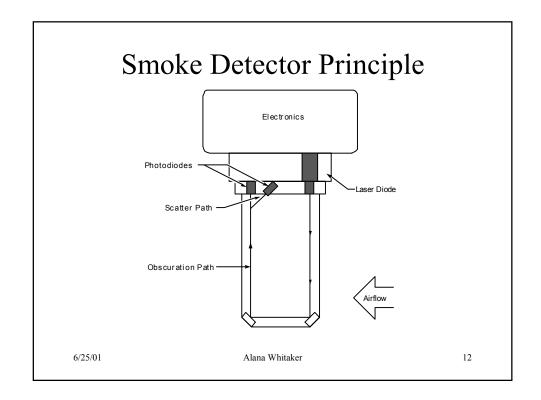


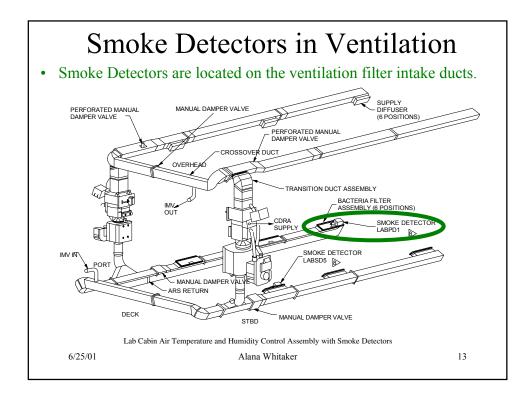


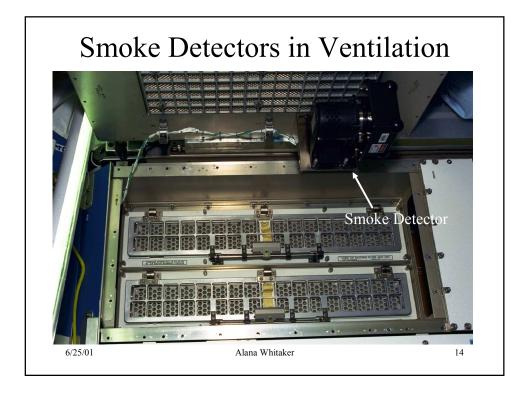


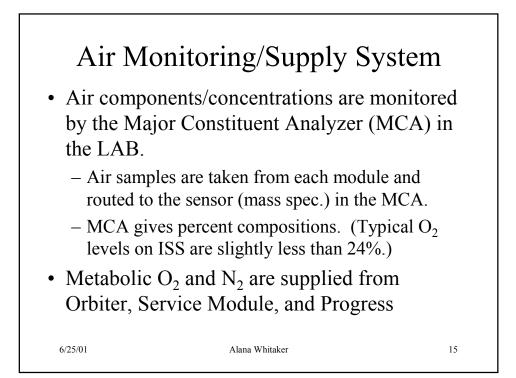


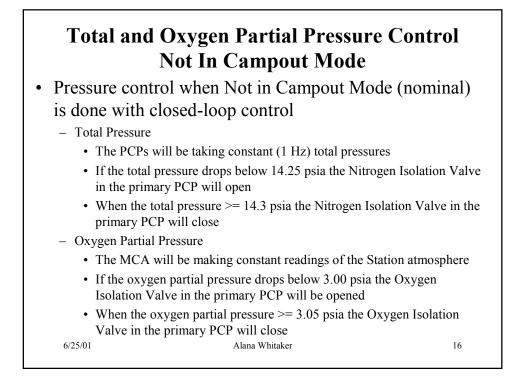












## Total and Oxygen Partial Pressure Control In Campout Mode

- While in Campout Mode, the ppO2 in the Airlock will be controlled by the following:
  - If ppO2 < 2.7 psia in the Airlock, the Airlock PCA will open the PCP OIV for 4 minutes +/- 10 seconds
  - If the ppO2 > 2.85 psia in the Airlock, the Airlock PCA will open the PCP NIV for 2 minutes +/- 2 seconds
  - If either the PCP NIV or OIV was opened, wait 11 minutes after the valve closes
  - Repeat
- Total pressure control is via manual operation of the Depress Pump
- The rest of Station will continue to control total and oxygen partial pressures in the standard method

6/25/01

Alana Whitaker

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