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## Collective Protection System Backfit

### CPS BKFT

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#### Description

Collective Protective System Backfit (CPS BKFT) Program was created to provide additional collective protection capabilities to existing amphibious class ships allowing personnel to perform mission critical operations in a Chemical, Biological, and Radiological (CBR) environment. Backfit consists of M98 Gas-Particulate Filter Sets, pre-filter bags, filter housings, vane axial fans, fan rooms, air locks, pressure gauges, zone pressure relief valves, zone alarms, control panels, and a decontamination station.



#### Mission

Provides additional CPS toxic free zones in critical areas including medical, command and control, rest and relief, and casualty collecting areas. Personnel working in these protected areas do not have to wear individual protective equipment during or after a CBR attack.

#### Capabilities

- Allows ship personnel to operate in additional toxic free zones in a CBR environment
- Allows LHA/LHD and LSD class ships to receive and treat casualties in an uncontaminated collectively protected environment

#### Users

US Navy

#### Status

N/A