



NBC Reconnaissance Vehicle Sensor Suite

NBCRV

Description

The NBCRV is in extended low rate initial production (LRIP) and has the capability to detect and collect chemical and biological contamination in its immediate environment on the move through point detection (CBMS II and JBPDs), and at a distance through the use of a stand off detector (JSLSCAD Increment I). The NBCRV Sensor Processing Group (SPG) automatically integrates contamination information from detectors with input from on-board navigation and meteorological systems and automatically transmits digital NBC warning messages through the Vehicle Command and Control (C2) Systems to warn follow-on forces.

Mission

Perform NBC Reconnaissance. Locate, identify, mark, sample and report NBC contamination on the battlefield.

Capabilities

- On-the-move point and stand-off chemical vapor detection
- On-the-move meteorological sensor
- Automatic transmission of digital NBC warning messages through the Vehicle C2 Systems to warn follow-on forces

Users

US Army

Status

N/A

Stryker NBCRV Technology



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