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# Operational Interface and Capability of a Carborne Survey Instrument Developed for the PTS Under US CiK

The Lawrence Livermore National Laboratory developed an easy to use software interface for the PTS to use with NaI-based survey instruments that also use the Ortec Digibase. Our interface, now operating on two US-loaned 4-L NaI systems with integrated GPS, enables both the rapid detection of radiation anomalies as well as determination of the relative direction of the source. Combined with GPS and producing standard ANSI-formatted file outputs, the LLNL-developed detectors and interface are being evaluated by the PTS for use in mobile survey training. This poster will describe the technical specifications of the interface and the hardware. This work was performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under Contract DE-AC52-07NA27344. Lawrence Livermore National Security, LLC - LLNL-ABS-716591.

**Primary author:** KREEK, Steven (Lawrence Livermore National Laboratory (LLNL))

**Presenter:** KREEK, Steven (Lawrence Livermore National Laboratory (LLNL))

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