

3.2-P11. Developing a Easily Deployable Airborne MSIR Suite for On-Site Inspections

The CTBTO has used airborne remote sensing suites to collect MSIR data relevant to an OSI during several exercises and field tests: notably a suite was deployed during IFE14. These systems have been used for proof-of-concept tests and to develop operating principles and therefore are not optimized for use in an actual OSI. For example, the system used in IFE14 was technically very capable but had a significant number of cables to connect and took a relatively long time to install and remove from the aircraft. During this talk options for progressing from a development system to an operational system suitable for use in an On-Site inspection (OSI) will be discussed including the work is required to construct such a system. To that end, critical questions that must first be answered such as, “What data should an MSIR suite collect?” and “How should an OSI system collect that data?”, and “How will that data be analysed and used to support the OSI.”, these questions will be addressed during the talk.

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