

The measurements and simulations of the ship thermal signature

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The paper presents the ship thermal signature comparison between the measurement and simulations made in the NTCS program. In September 2001 I was participated in the SIMVEX trial in Halifax – Canada.

The SIMVEX trial had two objectives:

- the comparison of radiometric measurements from the various participating NATO countries in order to validate their methodology;
- the collection of high quality UNCLASSIFIED radiometric data on a test ship for subsequent collaborative validation of the ShipIR programme.

During the trial, comparisons were performed on the ship CFAV Quest. The ship was made available by Canada for this trial.