

ANNEX A - Detector Performance Summaries

This annex presents, in a concise form, the results for each detector type that was measured in the International Pilot Project for Technology Co-operation.

At the top of the first page of each detector summary, information is given about the main characteristics of the detector. This is based on manufacturer provided data¹. Following this, the test results are summarised, starting with extracts from the Human Factors assessment intended to highlight the major findings from this part of the project.

Performance tests are then presented starting with the field tests for Cambodia and Croatia. For each field test two charts are presented showing:

- the number of detection declarations classified by soil type made for each detector compared with the spread of results from all the detectors tested; and
- the number of detections declared, classified by mine type, again overlaid on a bar indicating the full range of detections declared from all the detectors.

On the second page the results of the In-soil test (conducted at the TNO test site in the Netherlands on four example soils) are presented as:

- Number of detections classified by soil type, and
- Number of detections by mine type viewed over all the test soils.

As on page 1 the results of the detector under discussion are shown against a background that depicts the range of detections achieved by the whole range of detector types tested.

The In-air test results are presented finally as:

- Maximum detection distance, classified by mine target,
- Detection distance in air determined under the conditions specified for the Calibration, and the effects of:
 - drift,
 - moisture,
 - sweep speed.

Where, during the tests it had been possible to record results from two samples of the detector type, both values are shown.

A fuller description of each measurement process is given in the appropriate section of this report. Also in those sections the reference to the full report of that aspect of the project is identified.

¹ Telephone numbers are given in the form +NN___. The + signifies the number to be dialed to make an international call, which varies according to the country where the call originates. In EU, Canada and USA + signifies 00 - however there are exceptions.