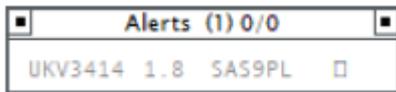# Short-Term Conflict Alert (STCA)

General

A Short Term Conflict Alert (STCA) is a system to warn the ATCO of any situation where user-defined minimum separation distances between any pair of surveillance tracks is, or is predicted to be, violated within a short look-ahead time.

Function

The STCA will be triggered if the predicted minimum separation is less than the defined minimum separation. The warning will appear at least 50-90 seconds before the less separation.

Any STCA will be shown by colouring the aircraft's label in an urgency colour (mostly red). Additionally, a one-minute-long prediction line is displayed, and an Alert List will be opened, showing the aircraft's callsign and the minimum predicted horizontal separation.

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