PRELIMINARY RESULTS

On-going analysis

- ➔ In Free-Route, conflicts near sector boundaries yield specific flight separation issues and question the responsibility of the resolution

- ➔ Improved coordination tools are needed to control a free-route traffic

- ➔ In Free-Route, COS service is helpful and considered as mandatory by participants

CONTACT

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VP797 DSNA Team

FROM INNOVATION TO SOLUTION

Exercise VP797 – DSNA leg

ATC TOOLS IN FREE ROUTE ENVIRONMENT

October-November 2015

member of **FABEC**

dgac DSNA

MEMBER OF **SESAR** JOINT UNDERTAKING

FREE-ROUTE

- → User-defined routes with published waypoints
- → Free-Route available for Flight Levels > FL305
- → Companies can file Free-route flight plan all over the ECAC area

COS: CONFLICT ORGANIZER AND SIGNALLER

- → MTCD tool integrated in a manual agenda
- → Detects only the most probable conflicts in the next 20 minutes ➜ minimize false detection
- → Designed for the Planning Controller
- → Complemented by another detection tool at tactical time horizon (TCT)
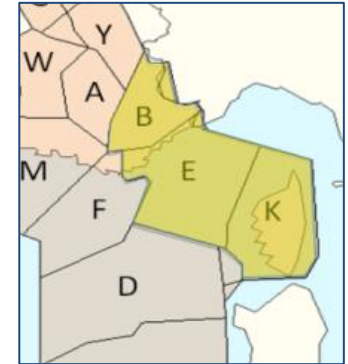
EAP: EXTENDED ATC PLANNER

- → A new ATC role, to decomplexify the traffic in advance without changing the crossed sectors.

V2 Exercise on the DSNA Research Platform

- → **3** measured sectors from Aix-Marseille ACC (South-East of France)
- → FL305 to ILL
- → Free-Route traffic generated by NEST tool

PARTICIPANTS

- → 6 controllers from DFS & Aix ACC
- → 1 FMP (EAP role)
- → 3 controllers as feeders
- → 3 pseudo-pilots

Week #1: 26–30/10/2015

Week #2: 16-20/11/2015