Change ID: 5.1-45

Flight restrictions of type "allowed"

Summary

It is proposed to add an additional type "ALLOWED", which would overrule any general FlightRestriction (FORBID or MANDATORY), for flights that fulfil the same conditions.

Background

The concept of FlightRestrictions is used to model rules meant to regulate the use of the route network. A FlightRestriction applies by identifying a set of flights which fulfil a combination of elementary conditions, such as departure airport, an intermediate point, a type of aircraft, etc. Then, it either forbids or mandates a particular routing.

Rationale for the change

The current list of values for CodeFlightRestrictionType does not allow to specify an explicit permission. This is necessary for example in the case of "Direct" (DCT) restrictions: DCT may be in general forbidden in a specified airspace or above a an altitude, but some particular direct flights are permitted.

To explicitly model such exceptions from a restriction, it is proposed to add an additional type of restriction "ALLOWED", which would overrule any general restriction (FORBID or MANDATORY) for flights that fulfil the same conditions.

Change proposal details

In the CodeFlightRestrictionType, add the value:

- ALLOWED = " *Flight that comply with the condition are explicitly permitted to use the associated routings, even if other more general flight restrictions forbid the routings (for the same flight conditions)*"