

Change ID: 5.1-02

Rename GateStand into AircraftStand

Summary

The class GateStand and associated classes and list of values are modified by eliminating the word "Gate" and renaming the class AircraftStand. The availability of a nose-in guidance system is added as a property of an AircraftStand.

Background

AIXM 5.0 has inherited from AICM 4.5 a feature with name "GateStand" and definition " *a parking position for aircraft/helicopters*".

Rationale for the change

Gates and Stands are two different things. Aircraft are parked at Stands. A "gate" represents the passenger point of view and is attached to a Terminal building.

All the characteristics modelled by the [GateStand](#) class are in reality properties of a Stand, not of a Gate. The current model does not cover Terminals and Gates. It is therefore proposed that the existing AIXM 5.0 class is re-named AircraftStand. The same considerations apply to the list of values [CodeGateStandType](#) and to the related class [GateStandMarking](#) .

The current model is also missing the possibility to indicate if a nose-in guidance system is available at the aircraft stands. A simple Yes/No property is proposed to be added. A description of the system, if applicable, can be provided as an associated Note. A future improvement might consist in a codified list of values for the nose-in guidance system, if applicable. (*Note: see change 5.1-09, which already introduces the list of nose-in guidance systems*)

Change proposal details

- Change the name of the class GateStand into AircraftStand;
- Change the definition of the class into " *A designated area on an apron intended to be used for parking an aircraft*" (source AIHWG);
- Change the name of the "datatype" class CodeGateStandType into CodeAircraftStandType;
- Change the role names in all the associations that are navigable towards the GateStand class to remove the word "Gate";
- Change the name of the class GateStandMarking into StandMarking;
- Add a new property "noseInGuidanceAvailability" with definition " *Indicates if a nose-in guidance system is available*", CodeYesNoType.