Change ID: 5.1-38

Additional UOM values

It is proposed to add a few additional units of measurement, such as "FT" for depth values, "ATM" for pressure, etc. This will mainly improve the coherence between the AIXM and WXXM models, in areas that are common.

Rationale for the change

In order to facilitate the integration of the aeronautical information with the MET information, it is desirable to have a good coherence between the AIXM and WXXM models, in the areas where the two models have overlap. Units of measurement are such an area. There are a few discrepancies between list of values and the following corrective actions are proposed in AIXM 5.1:

- Add the value "FT" - "Feet." into the enumeration UomDepthType
- Add the value "ATM" - "Standard Atmosphere." into the enumeration UomPressureType
- Add the value "HPA"- "Hectopascal." into the enumeration UomPressureType
- Add the value "MPH" - "Miles per hour." into the enumeration UomSpeedType
- Add the value "K" - "Kelvin." into the enumeration UomTemperatureType

In addition, the value "CM" is proposed to be added in the UomDistanceType enumeration, to facilitate the encoding of values such as horizontal and vertical accuracy, which can be in the centimetre range.

Change proposal details

In the data type UomDepthType add the value:

- FT = " *Feet*"

In the data type UomPressureType add the values:

- ATM = " *Standard Atmosphere*"
- HPA = " *Hectopascal*"

In the data type UomSpeedType add the value:

- MPH = " *Miles per hour*"

In the data type UomTemperatureType add the value:

- K = " *Degrees Kelvin*"

In the data type UomDistanceType add the value:

- CM = " *Centimetre*"