Change Proposal

ID:	**AIXM-155**
target version:	**AIXM 5.1.1**
version:	**1.0**
last updated:	**15 SEP 2015**
status:	**Implemented**

Change Control Board

Corrections and improvements to definitions

Description

Correct and improve definitions of classes and/or attributes in the UML model.

Rationale for change

See https://aixmccb.atlassian.net/browse/AIXM-98 and https://aixmccb.atlassian.net/browse/AIXM-127

Some of the current definitions of AIXM classes and attributes include grammatical and contextual errors, typographical mistakes and undefined acronyms. In order to improve this situation, the current AIXM 5.1 model was used to extract the "data elements". These data elements were registered in the FAA Data Registry and standardized using a formal process. The result of this process is a series of definition corrections and improvements that are now proposed for AIXM 5.1.1.

Other definitions corrections included in this list are based on user feedback, such as a clarification of the VerticalStructurePart.horizontalProjection property, which now explicitly states that the elevation is at the top of the obstacle part.

Impact assessment

AIXM 5.1 Data Providers and Data Users will not be impacted by this proposal since there is no change in the XML schema. The changes are just editorial; they do not affect any values, relationships, associations or the UML model itself.

Change Proposal details

The following table contains the proposed definition corrections and improvements.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AerialRefuelling.bidirectionalUse	An indication that the aerial Refuel track supports simultaneous opposite direction aerial Refuel.	An indication that the aerial ~~R~~refuel track supports simultaneous opposite direction aerial ~~R~~refuelling.	An indication that the aerial refuel track supports simultaneous opposite direction aerial refuelling.
AerialRefuelling.designatorDirection	The general cardinal direction of the Aerial Refuelling procedure, as a category.	~~The~~ An indicator of the general cardinal direction of the ~~Aerial Refuelling~~aerial refuelling procedure~~, as a category~~.	An indicator of the general cardinal direction of the aerial refuelling procedure.
AerialRefuelling.designatorNumber	A number that identifies the Aerial Refuelling route.	A ~~number~~designator that identifies the ~~Aerial Refuelling~~aerial refuelling route.	A designator that identifies the aerial refuelling route.
AerialRefuelling.designatorPrefix	A group of characters that indicate that the designator is for an aerial refuelling route.	~~A group of characters that indicate that the~~An affix placed before a route designator ~~is for~~used to identify an aerial refuelling route.	An affix placed before a route designator used to identify an aerial refuelling route.
AerialRefuelling.designatorSuffix	A group of characters that qualifies the Aerial Refuelling route.	~~A group of characters that qualifies the Aerial Refuelling route.~~An affix placed after a route designator used to qualify an aerial refuelling route.	An affix placed after a route designator used to qualify an aerial refuelling route.
AerialRefuelling.helicopterRoute	An indication that the Aerial Refuelling procedure is designed only for helicopter usage.	An indication that the ~~Aerial Refuelling~~aerial refuelling procedure is designed only for helicopter usage.	An indication that the aerial refuelling procedure is designed only for helicopter usage.
AerialRefuelling.name	A free text identifier by which the Aerial Refuelling route is known.	~~A free text~~An identifier by which the ~~Aerial Refuelling~~aerial refuelling route is known.	An identifier by which the aerial refuelling route is known.
AerialRefuelling.radarBeaconSetting	The setting to be used by the Airborne Navigation Radar beacon during aerial Refuel operations.	The setting to be used by the ~~Airborne Navigation Radar~~airborne navigation radar beacon during aerial ~~R~~refuel operations.	The setting to be used by the airborne navigation radar beacon during aerial refuel operations.
AerialRefuelling.receiverChannel	The Tactical Air Navigation System (TACAN) channel assigned to the aircraft receiving fuel during air Refuel operations.	The Tactical Air Navigation System (TACAN) UHF channel assigned to ~~the~~an aircraft receiving fuel to provide omnidirectional course and distance navigational information during air ~~R~~refuelling operations.	The Tactical Air Navigation System (TACAN) UHF channel assigned to an aircraft receiving fuel to provide omnidirectional course and distance navigational information during air refuelling operations.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AerialRefuelling.reverseDirectionTurn	Once the aircraft reaches the end of aerial refuelling track, it can turn around right or left, which is referred to as the Direction of Course Reversal Turn. Then, it goes back on the same route that it came from. It only applies to bi-directional routes	~~Once~~ An indicator of the ~~aircraft reaches the end of aerial refuelling track, it can~~ turn ~~around right or left, which is~~ direction in an aerial manoeuvre (referred to as the Direction of Course Reversal Turn~~. Then, it goes back on the same route that it came from.~~) performed by aircraft during aerial refuelling, where it can reverse its direction of course by turning around either right or left. It only applies to bi-directional routes	An indicator of the turn direction in an aerial manoeuvre (referred to as the Direction of Course Reversal Turn) performed by aircraft during aerial refuelling, where it can reverse its direction of course by turning around either right or left. It only applies to bi-directional routes
AerialRefuelling.specialRefuelling	An indication that the Aerial Refuelling procedure supports special missions/sortie.	An indication that the ~~Aerial Refuelling~~aerial refuelling procedure supports special missions/sortie.	An indication that the aerial refuelling procedure supports special missions/sortie.
AerialRefuelling.tankerChannel	A code indicating the tanker channel of the TACAN system.	~~A code indicating the tanker channel of the TACAN system.~~The Tactical Air Navigation System (TACAN) UHF channel assigned to the tanker aircraft to provide omnidirectional course and distance navigational information during air refuelling operations.	The Tactical Air Navigation System (TACAN) UHF channel assigned to the tanker aircraft to provide omnidirectional course and distance navigational information during air refuelling operations.
AerialRefuelling.type	The type of the Aerial Refuelling procedure based on its configuration.	The type of ~~the Aerial Refuelling~~aerial refuelling procedure based on its configuration.	The type of aerial refuelling procedure based on its configuration.
AerialRefuelling.xbandRadarSetting	The setting to be used by the Airborne Identification Radar beacon during aerial Refuel operations.	The setting to be used by the Airborne Identification Radar beacon during aerial ~~R~~refuel operations.	The setting to be used by the Airborne Identification Radar beacon during aerial refuel operations.
AerialRefuellingPoint.sequence	This attribute defines the order of points that make up an aerial refuelling track or anchor.	This ~~attribute~~ defines the order of points that make up an aerial refuelling track or anchor.	This defines the order of points that make up an aerial refuelling track or anchor.
AerialRefuellingPoint.usageType	The function(s) of the air Refuel point in relation to the air Refuel anchor pattern or air Refuel track.	The function~~(s)~~ of the ~~air Refuel~~aerial refuelling point in relation to the air ~~R~~refuelling anchor pattern or air ~~R~~refuelling track.	The function of the aerial refuelling point in relation to the air refuelling anchor pattern or air refuelling track.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AircraftCharacteristic	A specific aircraft type, such as airplane, balloon, helicopter, etc., and/or having specific equipment (certification), such as RNAV or RVSM.	~~A specific~~Classification, properties, and equipment capabilities of aircraft~~ type~~, such as airplane, balloon, helicopter, etc~~., and/or having specific equipment (certification), such as RNAV or RVSM~~.	Classification, properties, and equipment capabilities of aircraft, such as airplane, balloon, helicopter, etc.
AircraftCharacteristic.classWingspan	A classification of aircraft by wing span dimensions. It can be used to indicate the size of aircraft that a taxiway can handle.	A classification of aircraft by wing span dimension~~s.~~ It can be used to indicate the size of aircraft that a taxiway can handle.	A classification of aircraft by wing span dimension. It can be used to indicate the size of aircraft that a taxiway can handle.
AircraftCharacteristic.engine	Indicating the type of aircraft engine.	~~Indicating~~ An indication of the type of aircraft engine.	An indication of the type of aircraft engine.
AircraftCharacteristic.numberEngine	A coded indication for the number of engines of an aircraft.	~~A coded~~An indication for the number of engines of an aircraft.	An indication for the number of engines of an aircraft.
AircraftCharacteristic.passengers	The maximum number of passengers	The maximum number of passengers carried on an aircraft.	The maximum number of passengers carried on an aircraft.
AircraftCharacteristic.speed	A speed (IAS) that can be maintained by the aircraft.	~~A speed~~An Indicated Air Speed (IAS) that can be maintained by the aircraft.	An Indicated Air Speed (IAS) that can be maintained by the aircraft.
AircraftCharacteristic.speedInterpretation	Indicates whether the speed is a maximum or minimum imposed value.	Indicates whether the ~~speed~~Indicated Air Speed that can be maintained by an aircraft is a maximum or minimum imposed value.	Indicates whether the Indicated Air Speed that can be maintained by an aircraft is a maximum or minimum imposed value.
AircraftCharacteristic.type	Indicating the type of an aircraft.	~~Indicating~~ An indication of the type of ~~an~~ aircraft.	An indication of the type of aircraft.
AircraftStand.designator	The textual designator of the gate/stand. For example, 13, 84 A, etc..	The ~~textual~~ designator of the gate/stand. For example, 13, 84 A, etc~~..~~.	The designator of the gate/stand. For example, 13, 84 A, etc.
AircraftStand.type	A code identifying the characteristics of a stand. Examples: parking position on the apron, isolated aircraft stand, terminal building gate.	~~A code~~An indicator identifying the characteristics of ~~a~~an aircraft stand. Examples: parking position on the apron, isolated aircraft stand, terminal building gate.	An indicator identifying the characteristics of an aircraft stand. Examples: parking position on the apron, isolated aircraft stand, terminal building gate.
AircraftStand.visualDockingSystem	A device used at the aircraft stands in order to help the pilot align and position the aircraft.	A device used at the aircraft stand~~s~~ in order to help ~~the~~a pilot align and position ~~the~~an aircraft.	A device used at the aircraft stand in order to help a pilot align and position an aircraft.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AircraftStandContamination	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. at an AircraftStand.	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. at an ~~AircraftStand~~Aircraft Stand.	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. at an Aircraft Stand.
AircraftStandContamination.frictionCoefficient	The average friction coefficient.	~~The average friction coefficient.~~The average ratio of the weight of an object being moved along an airport/heliport surface with contamination and the force that maintains contact between the object and that surface.	The average ratio of the weight of an object being moved along an airport/heliport surface with contamination and the force that maintains contact between the object and that surface.
AircraftStandContamination.frictionDevice	The type of equipment used to determine the reported friction coefficient.	The type of equipment used to determine the ~~reported~~ friction coefficient of an airport/heliport surface with contamination.	The type of equipment used to determine the friction coefficient of an airport/heliport surface with contamination.
AircraftStandContamination.frictionEstimation	A qualitative estimate of the friction.	A qualitative estimate of the friction on an airport/heliport surface with contamination.	A qualitative estimate of the friction on an airport/heliport surface with contamination.
AircraftStandContamination.furtherClearanceTime	The date and time (UTC) when it is expected to complete further clearance.	The ~~date and~~ time ~~(UTC)~~ when it is expected to complete further clearance~~.~~ of an airport/heliport surface with contamination.	The time when it is expected to complete further clearance of an airport/heliport surface with contamination.
AircraftStandContamination.furtherTotalClearance	Indicates that the further total clearance is expected.	Indicates that ~~the~~ further total clearance of an airport/heliport surface with contamination is expected.	Indicates that further total clearance of an airport/heliport surface with contamination is expected.
AircraftStandContamination.nextObservationTime	The date and time of the next intended measurement report (UTC).	The date and time of the next intended measurement ~~report (UTC).~~of conditions on an airport/heliport surface.	The date and time of the next intended measurement of conditions on an airport/heliport surface.
AircraftStandContamination.obscuredLights	Indicates that the surface lights are obscured.	Indicates that the surface lights are obscured by surface contamination.	Indicates that the surface lights are obscured by surface contamination.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AircraftStandContamination.observationTime	The date and time of the measurement completion (UTC).	The date and time of ~~the~~surface contamination measurement completion ~~(UTC).~~	The date and time of surface contamination measurement completion.
AircraftStandContamination.proportion	The percentage of the contaminated area from the overall extent of the surface.	The percentage of the contaminated area ~~from~~of the overall extent of the surface.	The percentage of the contaminated area of the overall extent of the surface.
AirportHeliport.abandoned	Indicating that the airport is no longer in operational use, but it's infrastructure is still present and visible from the air.	~~Indicating~~An indicator that the airport/heliport is no longer in operational use, but it's infrastructure is still present and visible from the air.	An indicator that the airport/heliport is no longer in operational use, but it's infrastructure is still present and visible from the air.
AirportHeliport.altimeterCheckLocation	The availability of a point or area designated at an aerodrome where the checking of an altimeter system can be accomplished.	The availability of a point or area designated at an ~~aerodrome~~airport/heliport where the checking of an altimeter system can be accomplished.	The availability of a point or area designated at an airport/heliport where the checking of an altimeter system can be accomplished.
AirportHeliport.certificationDate	The date when the airport certification has been issued by the supervising authority.	The date when the airport/heliport certification has been issued by the supervising authority.	The date when the airport/heliport certification has been issued by the supervising authority.
AirportHeliport.certificationExpirationDate	The date when the airport certification will become invalid.	The date when the airport/heliport certification will become invalid.	The date when the airport/heliport certification will become invalid.
AirportHeliport.certifiedICAO	Indicating that the airport is certified according to the ICAO rules.	Indicating that the airport/heliport is certified according to ~~-~~the International Civil Aviation Organization (ICAO) rules.	Indicating that the airport/heliport is certified according to the International Civil Aviation Organization (ICAO) rules.
AirportHeliport.controlType	The primary organization type in terms of civil or military, which controls the airport.	The primary organization type in terms of civil or military, which controls the airport/heliport.	The primary organization type in terms of civil or military, which controls the airport/heliport.
AirportHeliport.dateMagneticVariation	The date on which the magnetic variation had this value.	The date on which ~~the~~ an associated magnetic variation ~~had this value~~was measured at the airport/heliport.	The date on which an associated magnetic variation was measured at the airport/heliport.
AirportHeliport.designator	A coded designator for an Aerodrome/Heliport.	~~A coded designator for an Aerodrome/Heliport.~~	A designator for an airport/heliport.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
	The rules according to which this identifier should be formed are as follows: 1. If the AD/HP has an ICAO four letter location indicator, then this one will become the CODE_ID for the Aerodrome/Heliport; 2. If the AD/HP does not have an ICAO four letter location indicator, but it has an IATA three letter code, then this one will become the CODE_ID for the Aerodrome/Heliport; 3. If the AD/HP has neither an ICAO four letter location indicator nor an IATA three letter code, then an artificial generated code will be used. This will contain a group of letters and a number. The group of letters could be the 2 letter code of the State being responsible for the Aerodrome/Heliport and the number could be an integer between 0001 and 9999.	~~The rules according to which this identifier should be formed are as follows:~~ ~~1. If the AD/HP has an ICAO four letter location indicator, then this one will become the CODE_ID for the Aerodrome/Heliport;~~ ~~2. If the AD/HP does not have an ICAO four letter location indicator, but it has an IATA three letter code, then this one will become the CODE_ID for the Aerodrome/Heliport;~~ ~~3. If the AD/HP has neither an ICAO four letter location indicator nor an IATA three letter code, then an artificial generated code will be used. This will contain a group of letters and a number. The group of letters could be the 2 letter code of the State being responsible for the Aerodrome/Heliport and the number could be an integer between 0001 and 9999.~~A designator for an airport/heliport.	
AirportHeliport.locationIndicatorICAO	The four letter ICAO location indicator of the aerodrome/heliport, as listed in ICAO DOC 7910.	The ~~four letter~~ International Civil Aviation Organization (ICAO) location indicator of the ~~aerodrome~~airport/heliport, as listed in ICAO DOC 7910.	The International Civil Aviation Organization (ICAO) location indicator of the airport/heliport, as listed in ICAO DOC 7910.
AirportHeliport.lowestTemperature	The mean lowest temperature of the coldest month of the year.	The monthly mean ~~lowest temperature~~ of the daily minimum temperatures for the coldest month of the year at an airport/heliport.	The monthly mean of the daily minimum temperatures for the coldest month of the year at an airport/heliport.
AirportHeliport.magneticVariationAccuracy	The accuracy of the Magnetic Variation in angle degrees.	The accuracy of the Magnetic Variation ~~in angle degrees~~.	The accuracy of the Magnetic Variation.
AirportHeliport.magneticVariationChange	The annual rate of change of the magnetic variation.	The annual rate of change of the magnetic variation at a specified airport/heliport.	The annual rate of change of the magnetic variation at a specified airport/heliport.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirportHeliport.name	The primary official name of an aerodrome as designated by an appropriate authority.	The primary official name of an ~~aerodrome~~airport/heliport as designated by an appropriate authority.	The primary official name of an airport/heliport as designated by an appropriate authority.
AirportHeliport.privateUse	An aerodrome or heliport not open for the public. Only for the use of the owners.	An ~~aerodrome~~airport or heliport not open for the public. Only for the use of the owners.	An airport or heliport not open for the public. Only for the use of the owners.
AirportHeliport.referenceTemperature	The monthly mean of the daily maximum temperatures for the hottest month of the year at an aerodrome.	The monthly mean of the daily maximum temperatures for the hottest month of the year at an ~~aerodrome~~airport/heliport.	The monthly mean of the daily maximum temperatures for the hottest month of the year at an airport/heliport.
AirportHeliport.transitionAltitude	The altitude at or below which the vertical position of an aircraft is controlled by reference to altitudes.	The altitude at or below which the vertical position of an aircraft is controlled by reference to altitudes~~.~~ at the airport/heliport.	The altitude at or below which the vertical position of an aircraft is controlled by reference to altitudes at the airport/heliport.
AirportHeliport.transitionLevel	The lowest flight level available for use above the transition altitude.	The lowest flight level available for use above the transition altitude at the airport/heliport.	The lowest flight level available for use above the transition altitude at the airport/heliport.
AirportHeliport.type	A code specifying the type of aerodrome. For example, aerodrome only, combined aerodrome/heliport or simple landing site.	~~A code specifying the~~The type of ~~aerodrome.~~airport/heliport. For example, aerodrome only, combined aerodrome/heliport or simple landing site.	The type of airport/heliport. For example, aerodrome only, combined aerodrome/heliport or simple landing site.
AirportHeliport.verticalDatum	A reference surface with respect to which elevations and/or depths are specified.	A reference surface with respect to which elevations and/or depths are specified at the airport/heliport.	A reference surface with respect to which elevations and/or depths are specified at the airport/heliport.
AirportHeliport.windDirectionIndicator	The availability of a device that indicates the direction and the intensity of the wind.	The availability of a device, at the airport/heliport, that indicates the direction and the intensity of the wind.	The availability of a device, at the airport/heliport, that indicates the direction and the intensity of the wind.
AirportHeliportAvailability.operationalStatus	Indicates the availability of the facility for specific flight operations.	Indicates the availability of the ~~facility~~airport/heliport for specific flight operations.	Indicates the availability of the airport/heliport for specific flight operations.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirportHeliportAvailability.warning	A reason for caution when operating at the facility.	A reason for caution when operating at the ~~facility~~airport/heliport.	A reason for caution when operating at the airport/heliport.
AirportHeliportCollocation.type	A code indicating the extent of the collocation situation of the two aerodrome/heliports.	~~A code indicating~~An indication of the extent of the collocation situation of the two ~~aerodrome~~airport/heliports.	An indication of the extent of the collocation situation of the two airport/heliports.
AirportHeliportContamination	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. on the airport surfaces.	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. on ~~the~~ airport/heliport surfaces.	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. on airport/heliport surfaces.
AirportHeliportProtectionArea	An area situated in the vicinity of a runway, FATO or TLOF, provided to protect aircraft during manoeuvring, take-off and/or landing operations.	An area situated in the vicinity of a runway, Final Approach and Take-Off Area (FATO) or Touchdown and Liftoff Area (TLOF~~,~~), provided to protect aircraft during manoeuvring, take-off and/or landing operations.	An area situated in the vicinity of a runway, Final Approach and Take-Off Area (FATO) or Touchdown and Liftoff Area (TLOF), provided to protect aircraft during manoeuvring, take-off and/or landing operations.
AirportHeliportProtectionArea.length	The value of the physical length of the protection area.	The ~~value of the~~ physical length of the protection area.	The physical length of the protection area.
AirportHeliportProtectionArea.lighting	The availability of a lighting system that visually identified the Protection Area in low visibility conditions.	The availability of a lighting system that visually identifie~~d~~s the Protection Area in low visibility conditions.	The availability of a lighting system that visually identifies the Protection Area in low visibility conditions.
AirportHeliportProtectionArea.width	The value of the physical width of the protection area.	The ~~value of the~~ physical width of the protection area.	The physical width of the protection area.
AirportHeliportResponsibilityOrganisation	Characterises the role of the organisation or authority which is responsible for the AirportHeliport	Characterises the role of the organisation or authority which is responsible for the ~~AirportHeliport~~airport/heliport	Characterises the role of the organisation or authority which is responsible for the airport/heliport
AirportHeliportUsage	A rule governing the usage of an AirportHeliport.	A rule governing the usage of an ~~AirportHeliport~~airport/heliport.	A rule governing the usage of an airport/heliport.
AirportHeliportUsage.operation	A type of activity for which a usage rule is specified.	A type of activity for which ~~a~~an Airport/Heliport usage rule is specified.	A type of activity for which an Airport/Heliport usage rule is specified.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirportHeliportUsage.priorPermission	For a Conditional Permission, this indicates that a prior permission is required. Positive values indicate prior permission required before using the airport movement area. Note: this can only be specified for limitations of type "conditional permission".	For a Conditional Permission, this indicates that a prior permission is required. ~~-~~Positive values indicate prior permission required before using the airport/heliport movement area. Note: this can only be specified for limitations of type ~~"conditional permission".~~'conditional permission'.	For a Conditional Permission, this indicates that a prior permission is required. Positive values indicate prior permission required before using the airport/heliport movement area. Note: this can only be specified for limitations of type 'conditional permission'.
AirportHeliportUsage.type	A code indicating whether the limitation is a permission or an interdiction.	~~A code indicating whether~~The nature of the limitation ~~is~~(such as a permission or an interdiction) which determine rules for usage of an airport/heliport or one of its surfaces.	The nature of the limitation (such as a permission or an interdiction) which determine rules for usage of an airport/heliport or one of its surfaces.
AirportHotSpot.designator	A coded identifier by which the hot spot is labelled on airport maps.	~~A coded~~An identifier by which the hot spot is labelled on airport maps.	An identifier by which the hot spot is labelled on airport maps.
AirportHotSpot.instruction	Action to be taken by the crew and/or vehicle drivers when approaching the hot spot.	Action to be taken by the crew and/or vehicle drivers when approaching ~~the~~a hot spot at the airport/heliport.	Action to be taken by the crew and/or vehicle drivers when approaching a hot spot at the airport/heliport.
AirportProtectionAreaMarking	A symbol or group of symbols displayed on the edge of the landing protection area.	A symbol or group of symbols displayed on the edge of the landing protection area at an airport/heliport.	A symbol or group of symbols displayed on the edge of the landing protection area at an airport/heliport.
AirportProtectionAreaMarking.cONDITION	The quality of the marking such as good, fair, poor and other.	The quality of ~~the~~airport/heliport protection area surface marking such as good, fair, poor and other.	The quality of airport/heliport protection area surface marking such as good, fair, poor and other.
AirportProtectionAreaMarking.markingICAOStandard	Indicates if the marking is ICAO standard as described in Annex 14.	Indicates ~~if~~ the airport/heliport protection area surface marking is in accordance with International Civil Aviation Organization (ICAO) standard as described in Annex 14.	Indicates the airport/heliport protection area surface marking is in accordance with International Civil Aviation Organization (ICAO) standard as described in Annex 14.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirportProtectionAreaMarking.markingLocation	The location of the marking.	The location of the marking on the airport protection area.	The location of the marking on the airport protection area.
Airspace.controlType	The primary organization type in terms of civil or military, providing air traffic services within a designated airspace.	The primary organization type in terms of civil or military, providing air traffic services within a designated airspace. Where airspace is a defined three dimensional region of space relevant to air traffic.	The primary organization type in terms of civil or military, providing air traffic services within a designated airspace. Where airspace is a defined three dimensional region of space relevant to air traffic.
Airspace.designator	A published sequence of characters allowing the identification of the airspace. Description: Typical examples are the ID of the Danger, Prohibited, Temporary segregated Areas, etc.	A published sequence of characters allowing the identification of the airspace. ~~Description: Typical examples are the ID~~ Where airspace is a defined three dimensional region of ~~the Danger, Prohibited, Temporary segregated Areas, etc~~space relevant to air traffic.	A published sequence of characters allowing the identification of the airspace. Where airspace is a defined three dimensional region of space relevant to air traffic.
Airspace.designatorICAO	A code indicating the Airspace designator is recorded in ICAO Doc. 7910.	~~A code indicating the~~An indicator of whether an Airspace ~~d~~Designator is recorded in ICAO Doc. 7910, 'Location Indicators'. Where airspace is a defined three dimensional region of space relevant to air traffic.	An indicator of whether an Airspace Designator is recorded in ICAO Doc. 7910, 'Location Indicators'. Where airspace is a defined three dimensional region of space relevant to air traffic.
Airspace.localType	A type designator used locally (inside a State or a Region) for a particular airspace sub-category.	A type designator used locally (inside a State or a Region) for a particular airspace sub-category. Where airspace is a defined three dimensional region of space relevant to air traffic.	A type designator used locally (inside a State or a Region) for a particular airspace sub-category. Where airspace is a defined three dimensional region of space relevant to air traffic.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Airspace.name	The name given to an airspace by a responsible authority. Description: It should be written as published, with no significance to upper or lower case letters.	The name given to an airspace by a responsible authority. ~~Description:~~ It should be written as published, with no significance to upper or lower case letters. Where airspace is a defined three dimensional region of space relevant to air traffic.	The name given to an airspace by a responsible authority. It should be written as published, with no significance to upper or lower case letters. Where airspace is a defined three dimensional region of space relevant to air traffic.
Airspace.type	A code indicating the general structure or characteristics of a particular airspace.	~~A code indicating~~An indicator of the general structure or characteristics of a particular airspace. Where airspace is a defined three dimensional region of space relevant to air traffic.	An indicator of the general structure or characteristics of a particular airspace. Where airspace is a defined three dimensional region of space relevant to air traffic.
Airspace.upperLowerSeparation	A flight level that indicates the division of airspace defined as lower and upper.	A flight level (e.g., 18000 feet MSL) that indicates the division of airspace ~~defined as~~between lower and upper airspace.	A flight level (e.g., 18000 feet MSL) that indicates the division of airspace between lower and upper airspace.
AirspaceActivation.activity	The primary situation or reason on the ground or in the air, which may have an impact on air traffic.	The primary situation or reason on the ground or in the air, which may have an impact on ~~air traffic~~airspace usage.	The primary situation or reason on the ground or in the air, which may have an impact on airspace usage.
AirspaceActivation.status	The activation status of the airspace block.	The activation status of the airspace ~~block~~.	The activation status of the airspace.
AirspaceGeometryComponent.operation	A code indicating how the component participates in the aggregation, such as addition, subtraction or intersection.	~~A code indicating~~An indicator of how the component participates in the aggregation, such as addition, subtraction or intersection.	An indicator of how the component participates in the aggregation, such as addition, subtraction or intersection.
AirspaceGeometryComponent.operationSequence	A number indicating the order of the component in the aggregation.	~~A number indicating~~An indicator of the order of the component in ~~the~~an aggregation.	An indicator of the order of the component in an aggregation.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirspaceLayer.lowerLimit	Lower limit of the block. The data type also allows a special non-numerical value "FLOOR" meaning "the bottom of the airspace". This can useful in the case of Airspace that have a non-constant lower limit.	~~Lower limit of the block. The data type also allows a special non-numerical value "FLOOR" meaning "the bottom of the airspace". This can useful in the case of Airspace that have a non-constant lower limit.~~The vertical distance, measured relative to a separately specified lower limit reference, of the lower bound of an airspace layer or block. Where airspace layer is the portion of airspace between two specified vertical levels.	The vertical distance, measured relative to a separately specified lower limit reference, of the lower bound of an airspace layer or block. Where airspace layer is the portion of airspace between two specified vertical levels.
AirspaceLayer.lowerLimitReference	A code indicating the reference for a vertical distance. Two series of values exist: 1) real distance: from GND, from the MSL, from the WGS-84 ellipsoid 2) pressure distance: QFE, QNH, STD.	~~A code indicating the reference for a vertical distance. Two series of values exist: 1) real distance: from GND, from the MSL, from the WGS-84 ellipsoid 2) pressure distance: QFE, QNH, STD.~~The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the lower limit of an airspace Layer or block. Where airspace layer is the portion of airspace between two specified vertical levels.	The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the lower limit of an airspace Layer or block. Where airspace layer is the portion of airspace between two specified vertical levels.
AirspaceLayer.upperLimit	Upper limit of the block. The data type also allows a special non-numerical value "CEILING", meaning "the top of the airspace. This can useful in the case of Airspace that have a non-constant upper limit.	~~Upper limit of the block. The data type also allows a special non-numerical value "CEILING", meaning "the top of the airspace. This can useful in the case of Airspace that have a non-constant upper limit.~~The vertical distance, measured relative to a separately specified upper limit reference, of the upper bound of an airspace layer or block. Where airspace layer is the portion of airspace between two specified vertical levels.	The vertical distance, measured relative to a separately specified upper limit reference, of the upper bound of an airspace layer or block. Where airspace layer is the portion of airspace between two specified vertical levels.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirspaceLayer.upperLimitReference	A code indicating the reference for a vertical distance. Two series of values exist: 1) real distance: from GND, from the MSL, from the WGS-84 ellipsoid 2) pressure distance: QFE, QNH, STD.	~~A code indicating the reference for a vertical distance. Two series of values exist: 1) real distance: from GND, from the MSL, from the WGS-84 ellipsoid 2) pressure distance: QFE, QNH, STD.~~The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the lower limit of an airspace Layer or block. Where airspace layer is the portion of airspace between two specified vertical levels.	The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the lower limit of an airspace Layer or block. Where airspace layer is the portion of airspace between two specified vertical levels.
AirspaceLayerClass	The airspace class for an airspace level block.	The airspace class for ~~an~~a portion of airspace ~~level block~~between two specified vertical levels.	The airspace class for a portion of airspace between two specified vertical levels.
AirspaceLayerClass.classification	A categorisation of airspace which determines the operating rules, flight requirements, and services provided. According to Annex 11, Appendix 4.	A ~~categorisation~~classification of airspace which determines the operating rules, flight requirements, and services provided. ~~-~~According to ICAO Annex 11 'Air Traffic Services', Appendix 4 : 'ATS Airspace Classes -- Services Provided and Flight Requirements'.	A classification of airspace which determines the operating rules, flight requirements, and services provided. According to ICAO Annex 11 'Air Traffic Services', Appendix 4 : 'ATS Airspace Classes -- Services Provided and Flight Requirements'.
AirspaceVolume.lowerLimit	The vertical position of the airspace floor.	~~The vertical position of the airspace floor.~~The vertical distance of the lower bound (floor) of an airspace volume. The vertical distance is measured relative to a separately specified lower limit reference. An airspace volume is a defined volume in air described as horizontal projection with vertical limits.	The vertical distance of the lower bound (floor) of an airspace volume. The vertical distance is measured relative to a separately specified lower limit reference. An airspace volume is a defined volume in air described as horizontal projection with vertical limits.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirspaceVolume.lowerLimitReference	The reference surface used for the value of the lower limit. For example, Mean Sea Level, Ground, standard pressure, etc..	The reference surface ~~used for the value of the lower limit. For example,~~ (Mean Sea Level, Ground, standard pressure, ~~etc..~~etc.) used for determining the value of the lower limit of an airspace volume. Where airspace volume is a defined volume in air described as horizontal projection with vertical limits.	The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the lower limit of an airspace volume. Where airspace volume is a defined volume in air described as horizontal projection with vertical limits.
AirspaceVolume.maximumLimit	When specified, the maximum limit overrides the upper limit, in those parts of the airspace where the upper limit is situated below the maximum limit.	~~When specified, the~~The vertical distance of the maximum limit of an airspace volume. The vertical distance is measured relative to a separately specified maximum limit reference. An airspace volume is a defined volume in air described as horizontal projection with vertical limits. The maximum limit overrides the upper limit, in those parts of the airspace where the upper limit is situated below the maximum limit.	The vertical distance of the maximum limit of an airspace volume. The vertical distance is measured relative to a separately specified maximum limit reference. An airspace volume is a defined volume in air described as horizontal projection with vertical limits. The maximum limit overrides the upper limit, in those parts of the airspace where the upper limit is situated below the maximum limit.
AirspaceVolume.maximumLimitReference	The reference surface used for the value of the maximum limit. For example, Mean Sea Level, Ground, standard pressure, etc..	The reference surface ~~used for the value of the maximum limit. For example,~~ (Mean Sea Level, Ground, standard pressure, ~~etc..~~etc.) used for determining the value of the maximum limit of an airspace volume. Where airspace volume is a defined volume in air described as horizontal projection with vertical limits.	The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the maximum limit of an airspace volume. Where airspace volume is a defined volume in air described as horizontal projection with vertical limits.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirspaceVolume.minimumLimit	When specified, the minimum limit overrides the lower limit, in those parts of the airspace where the lower limit is situated below the minimum limit. For example, an airspace that has "Upper FL 245, Lower 11 500 FT MSL but at least 2 000 FT GND'.	~~When~~The vertical distance of the minimum limit of an airspace volume. The vertical distance is measured relative to a separately specified~~, the~~ minimum limit reference. An airspace volume is a defined volume in air described as horizontal projection with vertical limits. The minimum limit overrides the lower ~~l~~limit, in those parts of the airspace where the lower limit is situated below the minimum limit. ~~For example, an airspace that has "Upper FL 245, Lower 11 500 FT MSL but at least 2 000 FT GND'.~~	The vertical distance of the minimum limit of an airspace volume. The vertical distance is measured relative to a separately specified minimum limit reference. An airspace volume is a defined volume in air described as horizontal projection with vertical limits. The minimum limit overrides the lower limit, in those parts of the airspace where the lower limit is situated below the minimum limit.
AirspaceVolume.minimumLimitReference	The reference surface used for the value of the minimum limit. For example, Mean Sea Level, Ground, standard pressure, etc.	The reference surface ~~used for the value of the minimum limit. For example, (~~Mean Sea Level, Ground, standard pressure, ~~etc~~etc.) used for the value of the minimum limit of an airspace volume. Where airspace volume is a defined volume in air described as horizontal projection with vertical limits.	The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for the value of the minimum limit of an airspace volume. Where airspace volume is a defined volume in air described as horizontal projection with vertical limits.
AirspaceVolume.upperLimit	The vertical position of the airspace ceiling.	~~The vertical position of the airspace ceiling.~~The vertical distance of the upper bound (ceiling) of an airspace volume. The vertical distance is measured relative to a separately specified upper limit reference. An airspace volume is a defined volume in air described as horizontal projection with vertical limits.	The vertical distance of the upper bound (ceiling) of an airspace volume. The vertical distance is measured relative to a separately specified upper limit reference. An airspace volume is a defined volume in air described as horizontal projection with vertical limits.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AirspaceVolume.upperLimitReference	The reference surface used for the value of the upper limit. For example, Mean Sea Level, Ground, standard pressure, etc..	The reference surface ~~used for the value of the upper limit. For example,~~ (Mean Sea Level, Ground, standard pressure, ~~etc..~~etc.) used for the value of the upper limit of an airspace volume. Where airspace volume is a defined volume in air described as horizontal projection with vertical limits.	The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for the value of the upper limit of an airspace volume. Where airspace volume is a defined volume in air described as horizontal projection with vertical limits.
AirspaceVolumeDependency	An association class that defines the dependency between the geometry of an AirspaceVolume and the geometry of another (parent) Airspace.	~~An association class that defines the dependency~~The relationship between the geometry of an AirspaceVolume and the geometry of another (parent) Airspace.	The relationship between the geometry of an AirspaceVolume and the geometry of another (parent) Airspace.
AirspaceVolumeDependency.dependency	A code indicating how the geometry of the AirspaceVolume depends on the geometry of the contributor Airspace.	~~A code indicating how~~An indicator of the type of dependency between the geometry of the AirspaceVolume ~~depends on~~and the geometry of the contributor Airspace.	An indicator of the type of dependency between the geometry of the AirspaceVolume and the geometry of the contributor Airspace.
AltimeterSource.isPrimary	Indicates if the Altimeter is Primary or Secondary.	Indicates if the ~~A~~altimeter is ~~Primary or Secondary~~primary.	Indicates if the altimeter is primary.
AltimeterSource.isRemote	Indications if the Altimeter is Remote or Local.	Indicat~~ion~~es if the ~~A~~altimeter is ~~Remote or Local~~remote.	Indicates if the altimeter is remote.
AltimeterSourceStatus.operationalStatus	Operational status.	~~Operational status.~~The temporal description of the real-time state of an altimeter source.	The temporal description of the real-time state of an altimeter source.
ApproachLightingSystem.alignmentIndicator	A code indicating whether a runway alignment indicator is available for the approach lighting system.	~~A code indicating whether~~An indication that a runway alignment indicator is available for the approach lighting system.	An indication that a runway alignment indicator is available for the approach lighting system.
ApproachLightingSystem.classICAO	Classification of the approach lighting system using as criteria the ICAO Annex 14 standards and recommended practices	Classification of the approach lighting system using as criteria the International Civil Aviation Organization (ICAO) Annex 14 standards and recommended practices.	Classification of the approach lighting system using as criteria the International Civil Aviation Organization (ICAO) Annex 14 standards and recommended practices.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
ApproachLightingSystem.colour	A code indicating the global colour of the lighting system.	~~A code indicating the global colour of the lighting system.~~An indication of the global colour of the airport lighting facility which provides visual guidance to landing aircraft by radiating light beams in a directional pattern by which the pilot aligns the aircraft with the final approach path for landing.	An indication of the global colour of the airport lighting facility which provides visual guidance to landing aircraft by radiating light beams in a directional pattern by which the pilot aligns the aircraft with the final approach path for landing.
ApproachLightingSystem.emergencyLighting	The availability of a back-up lighting system to be used in case of failure of the main lighting system.	The availability of a back-up lighting system to be used in case of failure of the main airport lighting ~~system~~facility which provides visual guidance to landing aircraft by radiating light beams in a directional pattern by which the pilot aligns the aircraft with the final approach path for landing.	The availability of a back-up lighting system to be used in case of failure of the main airport lighting facility which provides visual guidance to landing aircraft by radiating light beams in a directional pattern by which the pilot aligns the aircraft with the final approach path for landing.
ApproachLightingSystem.intensityLevel	A code indicating the relative intensity of the lighting system.	~~A code indicating the relative intensity of the lighting system.~~An indication of the relative intensity of the airport lighting facility which provides visual guidance to landing aircraft by radiating light beams in a directional pattern by which the pilot aligns the aircraft with the final approach path for landing.	An indication of the relative intensity of the airport lighting facility which provides visual guidance to landing aircraft by radiating light beams in a directional pattern by which the pilot aligns the aircraft with the final approach path for landing.
ApproachLightingSystem.sequencedFlashing	A code indicating whether sequenced flashing is available for the approach lighting system.	~~A code indicating whether~~An indication that sequenced flashing is available for the approach lighting system.	An indication that sequenced flashing is available for the approach lighting system.
ApproachLightingSystem.type	A regional or organisation specific classification of the approach lighting system equipment. Could also be a brand name	A regional or organisation specific classification of the approach lighting system equipment. ~~Could also be a brand name~~	A regional or organisation specific classification of the approach lighting system equipment.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Apron.abandoned	Indicating that the surface is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	~~Indicating~~An indicator that ~~the surface~~an apron is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	An indicator that an apron is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.
Apron.name	The full textual name or designator used to identify an apron at an aerodrome/heliport which has more than one.	The ~~full textual~~ name or designator used to identify an apron at an ~~aerodrome~~airport/heliport which has more than one apron.	The name or designator used to identify an apron at an airport/heliport which has more than one apron.
ApronAreaAvailability	Information about the operational status of an element situated in the apron area.	Information about the operational status of an element situated in ~~the~~an airport/heliport apron area.	Information about the operational status of an element situated in an airport/heliport apron area.
ApronAreaAvailability.operationalStatus	Indicates the availability of the facility for specific flight operations.	Indicates the availability of the ~~facility~~apron area for specific flight operations.	Indicates the availability of the apron area for specific flight operations.
ApronAreaAvailability.warning	A reason for caution when operating at the facility.	A reason for caution when operating at the ~~facility~~apron area.	A reason for caution when operating at the apron area.
ApronElement	Parts of a defined apron area. ApronElements may have functional characteristics defined in the ApronElement type. ApronElements may have jetway, fuel, towing, docking and groundPower services.	Parts of a defined apron area. ApronElements may have functional characteristics defined in the ApronElement type. ~~—~~ApronElements may have jetway, fuel, towing, docking and ~~groundPower~~ground power services.	Parts of a defined apron area. ApronElements may have functional characteristics defined in the ApronElement type. ApronElements may have jetway, fuel, towing, docking and ground power services.
ApronElement.dockingAvailability	Availability of docking station system	~~Availability~~An indicator of the availability of docking station system at an apron element.	An indicator of the availability of docking station system at an apron element.
ApronElement.groundPowerAvailability	Availability of ground power	~~Availability~~An indicator of the availability of ground power at an apron element.	An indicator of the availability of ground power at an apron element.
ApronElement.jetwayAvailability	Availability of jet-way	~~Availability of jet-way~~An indicator of the availability of jetway at an apron element.	An indicator of the availability of jetway at an apron element.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
ApronElement.length	The length of the runway element.	The length of the ~~runway~~apron element.	The length of the apron element.
ApronElement.towingAvailability	Availability of towing service	Availability of towing service at an apron element.	Availability of towing service at an apron element.
ApronElement.width	The width of the runway element.	The width of the ~~runway~~apron element.	The width of the apron element.
ApronLightSystem	The lighting system provided for an apron.	The lighting system provided for ~~an~~illuminating apron areas of an airport/heliport.	The lighting system provided for illuminating apron areas of an airport/heliport.
ApronLightSystem.position	A code indicating the part of the apron served by the lighting system.	~~A code indicating~~An indication of the part of the apron served by the lighting system.	An indication of the part of the apron served by the lighting system.
ApronMarking	A symbol or group of symbols displayed on the surface of the apron.	A symbol or group of symbols displayed on the surface of ~~the~~an apron of an airport/heliport.	A symbol or group of symbols displayed on the surface of an apron of an airport/heliport.
ApronMarking.markingLocation	A code indicating the location of the marking relative to the surface.	~~A code indicating~~An indication of the location of the marking relative to the surface of an apron.	An indication of the location of the marking relative to the surface of an apron.
ArrestingGear.absorbType	The type of energy absorber (for example: a rotary brake) by which the arresting gear system rapidly dissipates the kinetic energy of a moving aircraft that engages the arresting system, bringing the aircraft to a stop.	The type of energy absorber ~~(for example: a rotary brake)~~ by which ~~the~~a runway's arresting ~~gear~~ system rapidly dissipates the kinetic energy of a moving aircraft that engages the arresting system, bringing the aircraft to a stop.	The type of energy absorber by which a runway's arresting system rapidly dissipates the kinetic energy of a moving aircraft that engages the arresting system, bringing the aircraft to a stop.
ArrestingGear.bidirectional	A boolean describing whether the arresting gear is utilised from both runway directions or not.	~~A boolean describing~~An indicator of whether ~~the arresting gear is utilised from~~or not both runway directions ~~or not~~utilize arresting gear which, consists of a series of devices used to stop an aircraft by absorbing its momentum.	An indicator of whether or not both runway directions utilize arresting gear which, consists of a series of devices used to stop an aircraft by absorbing its momentum.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
ArrestingGear.engageDevice	The type of device (for example: a hook) that is used to engage an aircraft upon landing in order to immediately stop it.	The type of device ~~(for example: a hook)~~ that is used to engage an aircraft upon landing on a runway in order to immediately stop ~~it~~the aircraft by absorbing its momentum.	The type of device that is used to engage an aircraft upon landing on a runway in order to immediately stop the aircraft by absorbing its momentum.
ArrestingGear.length	Overall length of the feature.	~~Overall length of the feature.~~The overall length of a runway's arresting system, which consists of a series of devices used to stop an aircraft by absorbing its momentum.	The overall length of a runway's arresting system, which consists of a series of devices used to stop an aircraft by absorbing its momentum.
ArrestingGear.location	The distance of the arresting system from the closest threshold of the runway /landing area.	The distance ~~of~~ from an identified runway's threshold to the runway's arresting system ~~from the closest threshold~~ , which consists of a series of ~~the runway /landing area~~devices used to stop an aircraft by absorbing its momentum.	The distance from an identified runway's threshold to the runway's arresting system, which consists of a series of devices used to stop an aircraft by absorbing its momentum.
ArrestingGear.status	The operational status of the arresting gear device.	The operational status of ~~the~~an runway's arresting ~~gear device~~system movement area, as a category. For example: serviceable, unserviceable, closed, or work-in-progress.	The operational status of an runway's arresting system movement area, as a category. For example: serviceable, unserviceable, closed, or work-in-progress.
ArrestingGear.width	Overall width of the feature.	~~Overall width of the feature.~~The physical width of a runway's arresting system, which consists of a series of devices used to stop an aircraft by absorbing its momentum.	The physical width of a runway's arresting system, which consists of a series of devices used to stop an aircraft by absorbing its momentum.
AuthorityForAerialRefuelling	Provides details about the kind of authority that the Organisation has over the Aerial Refuelling route.	~~Provides details about the kind~~The type of authority that the Organisation has over the Aerial Refuelling route.	The type of authority that the Organisation has over the Aerial Refuelling route.
AuthorityForAerialRefuelling.type	A categorisation of the role that one organisation has for an Aerial Refuelling route.	A categorisation of the role that one organisation has for an ~~Aerial Refuelling~~aerial refuelling route.	A categorisation of the role that one organisation has for an aerial refuelling route.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
AuthorityForAirspace	The responsibility that one organisation has for an airspace. Description: For example, this entity will indicate which State is de jure and which State is de facto responsible for the airspace.	The responsibility that one organisation has for an airspace. ~~Description:~~ ~~For example, this~~ This entity will indicate which State is de jure and which State is de facto responsible for the airspace.	The responsibility that one organisation has for an airspace. This entity will indicate which State is de jure and which State is de facto responsible for the airspace.
AuthorityForAirspace.type	A categorisation of the role that one organisation has for an airspace Description: For example, the airspace is under the jurisdiction of Organisation/Authority, the airspace is delegated to the Organisation/Authority for the provision of air traffic services.	A categorisation of the role that one organisation has for an airspace ~~Description:~~ ~~For example, the airspace is under the jurisdiction of Organisation/Authority, the airspace is delegated to the Organisation/Authority for the provision of air traffic services~~.	A categorisation of the role that one organisation has for an airspace.
City.name	The full free text name of the city or town the aerodrome/heliport is serving.	The ~~full free text~~ name of the city or town the ~~aerodrome~~airport/heliport is serving.	The name of the city or town the airport/heliport is serving.
ConditionCombination	A set of filter criteria used to determine the subset of flights, environmental conditions and times for which the usage is specified.	A set of filter criteria used to determine the subset of flights, environmental conditions and times for which ~~the~~airport/heliport usage is specified.	A set of filter criteria used to determine the subset of flights, environmental conditions and times for which airport/heliport usage is specified.
ContactInformation	Information required to enable contact with the responsible person and/or organisation. This model is derived from ISO19115-2003:Geographic Information-Metadata	Information required to enable contact with the responsible person and/or organisation.~~ This model is derived from ISO19115-2003:Geographic Information- Metadata~~	Information required to enable contact with the responsible person and/or organisation.
Curve	An AIXM curve derived from GM_Curve and extended to include Horizontal Accuracy Properties	~~An AIXM curve derived from GM_Curve and extended to include Horizontal Accuracy Properties~~A one-dimensional geometric primitive, representing the continuous image of a line.	A one-dimensional geometric primitive, representing the continuous image of a line.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Curve.horizontalAccuracy	The difference between the recorded horizontal coordinates of a feature and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.	The difference between the recorded horizontal coordinates of a ~~feature~~curve and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.	The difference between the recorded horizontal coordinates of a curve and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.
ElevatedCurve	An AIXM elevated curve derived from, which extends curve with properties that represent the vertical position (elevation, datum, accuracy).	~~An AIXM elevated curve derived from,~~A one-dimensional geometric primitive, representing the continuous image of a line which ~~extends curve~~is extended with properties that represent the vertical position (elevation, datum, accuracy).	A one-dimensional geometric primitive, representing the continuous image of a line which is extended with properties that represent the vertical position (elevation, datum, accuracy).
ElevatedCurve.verticalAccuracy	The difference between the recorded elevation of a feature and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.	The difference between the recorded elevation of a ~~feature~~curve and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.	The difference between the recorded elevation of a curve and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.
ElevatedCurve.verticalDatum	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements are made as basis for measuring elevations.	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements of a curve, are made as basis for measuring elevations.	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements of a curve, are made as basis for measuring elevations.
ElevatedPoint	An AIXM Point derived from GM_Point that includes properties for describing a point with elevation and vertical extent. Used in obstacles, navaids, etc.	~~An AIXM Point derived from GM_Point~~A zero-dimensional object that specifies geometric location which includes ~~properties for describing a point with~~ elevation and vertical extent~~. Used~~ and is used in obstacles, navaids, etc.	A zero-dimensional object that specifies geometric location which includes elevation and vertical extent and is used in obstacles, navaids, etc.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
ElevatedPoint.verticalAccuracy	The difference between the recorded elevation of a feature and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.	The difference between the recorded elevation of a ~~feature~~point and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.	The difference between the recorded elevation of a point and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.
ElevatedPoint.verticalDatum	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements are made as basis for measuring elevations.	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements of a point, are made as basis for measuring elevations.	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements of a point, are made as basis for measuring elevations.
ElevatedSurface	An AIXM elevated surface derived from, which extends Surface with properties that represent the vertical position (elevation, datum, accuracy).	~~An AIXM elevated~~A 2-dimensional primitive and is composed of one or more surface ~~derived from~~patches as specified in ISO 19107:2003, 6.3.17.1, which ~~extends Surface~~is extended with properties that represent the vertical position (elevation, datum, accuracy).	A 2-dimensional primitive and is composed of one or more surface patches as specified in ISO 19107:2003, 6.3.17.1, which is extended with properties that represent the vertical position (elevation, datum, accuracy).
ElevatedSurface.verticalAccuracy	The difference between the recorded elevation of a feature and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.	The difference between the recorded elevation of a ~~feature~~surface and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.	The difference between the recorded elevation of a surface and its true elevation referenced to the same vertical datum expressed as a linear error at 95 percent probability.
ElevatedSurface.verticalDatum	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements are made as basis for measuring elevations.	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements of a surface, are made as basis for measuring elevations.	The set of reference points or a mathematical model of the Earth's surface (a datum) against which vertical position measurements of a surface, are made as basis for measuring elevations.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
FlightCharacteristic	A specific flight type, such as IFR/VFR, national/international, OAT/GAT, etc.	A specific flight type, such as Instrument Flight Rules(IFR~~/~~)/Visual Flight Rules(VFR~~,~~), national/international, Operational Air Traffic(OAT~~/~~)/General Air Traffic(GAT~~,~~), etc.	A specific flight type, such as Instrument Flight Rules(IFR)/Visual Flight Rules(VFR), national/international, Operational Air Traffic(OAT)/General Air Traffic(GAT), etc.
FlightCharacteristic.military	A code indicating whether it is a military flight.	~~A code indicating whether it is a~~ An indication of the military and/or civilian status of a flight.	An indication of the military and/or civilian status of a flight.
FlightCharacteristic.origin	A code indicating the origin of the flight with regard to the national borders.	~~A code indicating~~An indication of the origin of the flight with regard to the national borders.	An indication of the origin of the flight with regard to the national borders.
FlightCharacteristic.purpose	A code indicating the purpose of the flight.	~~A code indicating~~An indication of the purpose of the flight.	An indication of the purpose of the flight.
FlightCharacteristic.rule	A code indicating a specific flight rule, such as IFR or VFR.	~~A code indicating~~An indication a specific flight rule, such as ~~IFR~~Instrument Flight Rule or ~~VFR~~Visual Flight Rule.	An indication a specific flight rule, such as Instrument Flight Rule or Visual Flight Rule.
FlightCharacteristic.status	The designation of a special status for a flight (e.g. ""HEAD"" for Head of State, ""STATE"" for State aircraft other than that of the Head of State).	The designation of a special status for a flight (e.g~~. ""HEAD"" for~~., Head of State, ~~""STATE"" for~~ State aircraft other than ~~that of the~~ Head of State~~).~~, etc.)	The designation of a special status for a flight (e.g., Head of State, State aircraft other than Head of State, etc.)
FlightCharacteristic.type	A code indicating a specified type of a flight, such as OAT/GAT.	~~A code indicating~~An indication of a specified ~~–~~type of a flight, such as Operational Air Traffic(OAT~~/~~)/General Air Traffic(GAT~~-~~).	An indication of a specified type of a flight, such as Operational Air Traffic(OAT)/General Air Traffic(GAT).
FloatingDockSite	Floating facility which can serve as a mooring place for vessels or as a floating dry dock	Floating facility which can serve as a mooring place for vessels or as a floating dry dock.	Floating facility which can serve as a mooring place for vessels or as a floating dry dock.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
GeoBorder.name	The name of the common border. If the two countries (States) have more than one common border, each one will have a different name. For example, France-Germany, France-Switzerland, Croatia-Serbia-north, Croatia-Serbia-south, etc..	~~The name of the common~~A label for a physical or political border. If the two countries (States) have more than one common border, each one will have a different name. ~~For example, France-Germany, France-Switzerland, Croatia-Serbia-north, Croatia-Serbia-south, etc..~~ In general, it will be the border between two countries or States but could also be a coastline, the description of the bank of an important river, or any other geographical shape which can be named and used to describe the border of an airspace. If two countries/States have more than one common border, each one will be an occurrence of this entity.	A label for a physical or political border. If the two countries (States) have more than one common border, each one will have a different name. In general, it will be the border between two countries or States but could also be a coastline, the description of the bank of an important river, or any other geographical shape which can be named and used to describe the border of an airspace. If two countries/States have more than one common border, each one will be an occurrence of this entity.
GeoBorder.type	A code indicating the type of geographical border. The most common situation is the political boundary between two countries.	~~A code indicating~~ An indicator of the type of physical or political border. In general, it will be the border between two countries or States but could also be a coastline, the description of the bank of an important river, or any other geographical ~~border.~~ shape which can be named and used to describe the border of an airspace. If two countries/States have more than one common border, each one will be an occurrence of this entity. The most common situation is the political boundary between two countries.	An indicator of the type of physical or political border. In general, it will be the border between two countries or States but could also be a coastline, the description of the bank of an important river, or any other geographical shape which can be named and used to describe the border of an airspace. If two countries/States have more than one common border, each one will be an occurrence of this entity. The most common situation is the political boundary between two countries.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
GroundLightingAvailability.operationalStatus	An indication of the operational status of the lighting system. The list of values include: "in construction", "operational", "unavailable".	An indication of the operational status of the ground lighting system. ~~The list of values include: "in construction", "operational", "unavailable".~~For example, normal, downgraded, unserviceable, etc.	An indication of the operational status of the ground lighting system. For example, normal, downgraded, unserviceable, etc.
GroundLightSystem	One or more light sources located on the ground and that provide visual assistance for air and ground navigation.	One or more light sources located on the ground ~~and~~ that provide visual assistance for air and ground navigation.	One or more light sources located on the ground that provide visual assistance for air and ground navigation.
GroundLightSystem.colour	A code indicating the global colour of the lighting system.	~~A code indicating~~An indication of the global colour of the ground lighting system.	An indication of the global colour of the ground lighting system.
GroundLightSystem.intensityLevel	A code indicating the relative intensity of the lighting system.	~~A code indicating~~An indication of the relative intensity of the ground lighting system.	An indication of the relative intensity of the ground lighting system.
GuidanceLine.designator	The free-text identifier of the Guidance Line.	The ~~free-text~~ identifier of ~~the Guidance Line~~a guidance line on a taxiway.	The identifier of a guidance line on a taxiway.
GuidanceLine.maxSpeed	Maximum speed on Taxiway	~~Maximum~~The maximum ground speed permitted on ~~Taxiway~~a taxiway	The maximum ground speed permitted on a taxiway
GuidanceLine.type	The type of guidance line.	The type of guidance line on a taxiway.	The type of guidance line on a taxiway.
HoldingPattern.inboundCourse	The course of the inbound leg.	The radial, course or bearing of the inbound leg as it pertains to a holding pattern.	The radial, course or bearing of the inbound leg as it pertains to a holding pattern.
HoldingPattern.instruction	Operational instructions that must be observed when flying the HoldingPattern.	Operational instructions that must be observed when flying the ~~HoldingPattern~~holding pattern.	Operational instructions that must be observed when flying the holding pattern.
HoldingPattern.lowerLimit	Minimum altitude allowed for all aircraft categories at all defined speeds	~~Minimum altitude~~The minimum vertical distance (measured from a specified reference) allowed for all aircraft categories, at all defined speeds~~,~~ operating in a holding pattern.	The minimum vertical distance (measured from a specified reference) allowed for all aircraft categories, at all defined speeds, operating in a holding pattern.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
HoldingPattern.lowerLimitReference	A code indicating the reference for a vertical distance. Two series of values exist: 1) real distance: from GND, from the MSL, from the WGS-84 ellipsoid 2) pressure distance.	~~A code indicating the reference for a vertical distance. Two series of values exist: 1) real distance: from GND, from the MSL, from the WGS-84 ellipsoid 2) pressure distance.~~ The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the lower limit of a holding pattern.	The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the lower limit of a holding pattern.
HoldingPattern.nonStandardHolding	Indicates whether the HoldingPattern is non-standard, for example because it uses left-hand turns.	~~Indicates whether~~An indication that the ~~HoldingPattern~~holding pattern is non-standard~~,~~ (for example, because it uses left-hand turns~~.~~)	An indication that the holding pattern is non-standard (for example, because it uses left-hand turns.)
HoldingPattern.outboundCourse	The radial, course, bearing or magnetic directional course (if navaid is a localizer) from the facility or waypoint on which holding is based.	The ~~radial,~~outbound course~~, bearing or~~ (for example, true track, magnetic ~~directional course (if navaid is a localizer~~track, heading, VOR radial, true bearing, magnetic bearing) from the facility or waypoint on which holding is based.	The outbound course (for example, true track, magnetic track, heading, VOR radial, true bearing, magnetic bearing) from the facility or waypoint on which holding is based.
HoldingPattern.outboundCourseType	The type of course to be observed. E.g. true track, magnetic track, heading, VOR radial, true bearing, magnetic bearing	The type of outbound course to be observed~~. E.g.~~ (for example, true track, magnetic track, heading, VOR radial, true bearing, magnetic bearing) on which holding is based.	The type of outbound course to be observed (for example, true track, magnetic track, heading, VOR radial, true bearing, magnetic bearing) on which holding is based.
HoldingPattern.speedLimit	Restricted speed for containment in a smaller pattern	Restricted speed for containment in a smaller pattern during holding operations.	Restricted speed for containment in a smaller pattern during holding operations.
HoldingPattern.turnDirection	Direction of the turn	~~Direction of the turn~~An indicator of the turn direction (such as left, right or either) in an aerial manoeuvre performed by aircraft during holding operations.	An indicator of the turn direction (such as left, right or either) in an aerial manoeuvre performed by aircraft during holding operations.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
HoldingPattern.type	A code indicating the type of holding procedure. E.g. en-route holding, terminal area holding.	~~A code indicating~~ An indicator of the type of holding procedure~~. E~~ (e.g~~.~~., en-route holding, terminal area holding~~.~~.)	An indicator of the type of holding procedure (e.g., en-route holding, terminal area holding.)
HoldingPattern.upperLimit	Max altitude allowed for all aircraft categories at all defined speeds	~~Max altitude~~The maximum vertical distance (measured from a specified reference) allowed for all aircraft categories, at all defined speeds~~—~~, operating in a holding pattern.	The maximum vertical distance (measured from a specified reference) allowed for all aircraft categories, at all defined speeds, operating in a holding pattern.
HoldingPattern.upperLimitReference	A code indicating the reference for a vertical distance. Two series of values exist: 1) real distance: from GND, from the MSL, from the WGS-84 ellipsoid 2) pressure distance.	~~A code indicating the reference for a vertical distance. Two series of values exist: 1) real distance: from GND, from the MSL, from the WGS-84 ellipsoid 2) pressure distance.~~ The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the upper limit of a holding pattern.	The reference surface (Mean Sea Level, Ground, standard pressure, etc.) used for determining the value of the upper limit of a holding pattern.
HoldingPatternDistance	Representation of the span for a holding pattern that is defined using a distance	~~Representation of the~~The span for a holding pattern that is defined using a distance	The span for a holding pattern that is defined using a distance
HoldingPatternDistance.length	Length of the holding pattern outbound leg.	~~Length~~The length of the holding pattern outbound leg.	The length of the holding pattern outbound leg.
HoldingPatternDuration	Representation of the span for a holding pattern that is defined using a time	~~Representation of the~~The span for a holding pattern that is defined using a time	The span for a holding pattern that is defined using a time
HoldingPatternDuration.duration	Duration of the holding pattern outbound leg.	~~Duration~~The duration of the holding pattern outbound leg.	The duration of the holding pattern outbound leg.
LightActivation	The result and the intensity of the lighting system when activated by the pilot.	The ~~result~~status and the intensity of ~~the~~an airborne controlled lighting system when activated by the pilot.	The status and the intensity of an airborne controlled lighting system when activated by the pilot.
LightActivation.activation	The status of the system (on or off) as result of the number of clicks.	The status of ~~the~~ an airborne controlled lighting system ~~(on or off)~~when activated as the result of the number of clicks.	The status of an airborne controlled lighting system when activated as the result of the number of clicks.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
LightActivation.clicks	The number of clicks on the microphone required for activation of the lights at a particular intensity step.	The number of clicks on the microphone required for activation of ~~the~~airborne controlled lights at a particular intensity step.	The number of clicks on the microphone required for activation of airborne controlled lights at a particular intensity step.
LightActivation.intensityLevel	The intensity step of the lighting system activated by the pilot, depending on the number of clicks.	The intensity step of the airborne controlled lighting system activated by the pilot, depending on the number of clicks.	The intensity step of the airborne controlled lighting system activated by the pilot, depending on the number of clicks.
LightElement.colour	A code indicating the colour of the lights in the group.	~~A code indicating~~An indication of the colour of the lights in ~~the~~a light element group.	An indication of the colour of the lights in a light element group.
LightElement.intensity	The exact value of the intensity of the lights in the group.	The exact value of the intensity of the lights in ~~the~~a light element group.	The exact value of the intensity of the lights in a light element group.
LightElement.intensityLevel	A code indicating the relative intensity of the lights in the group.	~~A code indicating~~An indication of the relative intensity of the lights in ~~the~~a light element group.	An indication of the relative intensity of the lights in a light element group.
LightElement.type	A code indicating the type of light source.	~~A code indicating~~ An indication of the type of light source.	An indication of the type of light source.
LightElementStatus	The description of the operational status of the LightElement.	The description of the operational status of the ~~LightElement~~Light Element.	The description of the operational status of the Light Element.
ManoeuvringAreaAvailability.operationalStatus	Indicates the availability of the facility for specific flight operations.	~~Indicates~~An indicator of the availability of the facility for specific flight operations.	An indicator of the availability of the facility for specific flight operations.
ManoeuvringAreaUsage.operation	A type of activity for which a usage rule is specified.	~~A~~The type of activity for which ~~a usage rule~~an area under Air Traffic Control is specified.	The type of activity for which an area under Air Traffic Control is specified.
Marking	A group of symbols displayed on an aerodrome or heliport surface in order to convey aeronautical information.	A group of symbols displayed on an ~~aerodrome or~~ airport/heliport surface in order to convey aeronautical information.	A group of symbols displayed on an airport/heliport surface in order to convey aeronautical information.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
MarkingBuoy	Floating marker which is moored to the bottom at a specific known location, which is used as an aid to navigation or for other special purpose	~~Floating~~A floating marker, for a seaplane landing area, which is moored to the bottom at a specific known location, which is used as an aid to navigation or for other special purposes.	A floating marker, for a seaplane landing area, which is moored to the bottom at a specific known location, which is used as an aid to navigation or for other special purposes.
MarkingBuoy.colour	Colour of the buoy	Colour of the marking buoy at a seaplane landing area.	Colour of the marking buoy at a seaplane landing area.
MarkingBuoy.designator	Official number of the buoy	Official number of the marking buoy at a seaplane landing area.	Official number of the marking buoy at a seaplane landing area.
MarkingBuoy.type	The type of the buoy	The type of the marking buoy at a seaplane landing area.	The type of the marking buoy at a seaplane landing area.
MarkingElement	A symbol displayed on an aerodrome or heliport surface.	A symbol displayed on an ~~aerodrome or~~ airport/heliport surface.	A symbol displayed on an airport/heliport surface.
MarkingElement.colour	The colour of the marking.	The colour of the marking element on an airport/heliport surface.	The colour of the marking element on an airport/heliport surface.
MarkingElement.style	The style of the marking line, such as continuous, dotted, etc.	The style of the marking element line, such as continuous, dotted, etc. on an airport/heliport surface.	The style of the marking element line, such as continuous, dotted, etc. on an airport/heliport surface.
MarkingExtent	A link class that allows selecting between a point, a curve or a surface to define the geometry of a Marking Element	A link class that allows selecting between a point, a curve or a surface to define the geometry of a Marking Element.	A link class that allows selecting between a point, a curve or a surface to define the geometry of a Marking Element.
Meteorology.runwayVisualRangeInterpretation	Indicates whether the RVR is a minimum or maximum value.	Indicates whether the ~~RVR~~Meteorology Runway Visual Range is a minimum or maximum value.	Indicates whether the Meteorology Runway Visual Range is a minimum or maximum value.
Meteorology.visibility	The greatest distance at which lights of 1,000 candelas can be seen and identified against an unlit background (as reported by the airport).	The greatest distance at which lights of 1,000 candelas can be seen and identified against an unlit background (as reported by the airport/heliport).	The greatest distance at which lights of 1,000 candelas can be seen and identified against an unlit background (as reported by the airport/heliport).

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Meteorology.visibilityInterpretation	Indicates whether the visibility is a minimum or a maximum value.	Indicates whether the meteorology visibility is a minimum or a maximum value.	Indicates whether the meteorology visibility is a minimum or a maximum value.
NavaidEquipmentDistance.distanceAccuracy	Accuracy of the measured or calculated distance between a Runway Centreline Point and a Navaid Equipment piece.	~~Accuracy~~The accuracy of the ~~measured or calculated~~ distance between a ~~Runway Centreline Point~~runway's centreline point and a specified Navaid ~~E~~equipment piece.	The accuracy of the distance between a runway's centreline point and a specified Navaid equipment piece.
NonMovementArea	Area where aircraft cannot be seen by a control tower and therefore are restricted to move	Area where aircraft cannot be seen by a control tower and therefore are restricted to move.	Area where aircraft cannot be seen by a control tower and therefore are restricted to move.
ObstacleArea	An area defined by ICAO for the purpose of collecting obstacle data in electronic format, as necessary to satisfy requirements of air navigation systems or functions.	An area ~~defined by ICAO~~used for the purpose of collecting obstacle data ~~in electronic format~~, as necessary ~~to satisfy requirements of~~for air navigation systems or functions.	An area used for the purpose of collecting obstacle data, as necessary for air navigation systems or functions.
ObstacleArea.obstructionIdSurfaceCondition	Obstruction identification surface that obstructing area represents	~~Obstruction identification~~An indicator of the type of obstacle assessment surface that obstructing area represents.	An indicator of the type of obstacle assessment surface that obstructing area represents.
ObstacleArea.type	Indicates the type of the obstacle coverage area. Examples: Area 1, 2, 3 or 4.	Indicates the type of ~~the~~ obstacle coverage area~~. Examples~~ (for example: Area 1, Area 2, Area 3~~ or 4.~~, Obstacle Limitation Surfaces, etc.)	Indicates the type of obstacle coverage area (for example: Area 1, Area 2, Area 3, Obstacle Limitation Surfaces, etc.)
OnlineContact.linkage	Location (address) for on-line access using a Uniform Resource Locator address or similar addressing scheme such as http://www.statkart.no/isotc211	~~Location~~A contact's location (address) for on-line access using a Uniform Resource Locator address or similar addressing scheme such as http://www.statkart.no/isotc211	A contact's location (address) for on-line access using a Uniform Resource Locator address or similar addressing scheme such as http://www.statkart.no/isotc211
OnlineContact.network	The official name telecommunication network on which the resource is located.	The official name of the telecommunication network on which ~~the~~ a contact's online resource is located.	The official name of the telecommunication network on which a contact's online resource is located.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
OnlineContact.protocol	The connection protocol to be used.	The connection protocol to be used for accessing an contact's online resource.	The connection protocol to be used for accessing an contact's online resource.
OrganisationAuthority	A feature used to model various Organisations and Authorities. For example: ATS Organisations, Aircraft Operating Agencies, States, Groups of States, etc.	A ~~feature used to model various Organisations~~group of people, businesses, administrative concerns, or other entities that are systematically structured and ~~Authorities.~~managed to meet a need or to pursue collective goals on a continuing basis. This group has the ability to delegate roles, responsibilities, and authority over cognizant areas. For example: ATS Organisations, Aircraft Operating Agencies, States, Groups of States, ~~etc.~~companies, government entities, etc.	A group of people, businesses, administrative concerns, or other entities that are systematically structured and managed to meet a need or to pursue collective goals on a continuing basis. This group has the ability to delegate roles, responsibilities, and authority over cognizant areas. For example: ATS Organisations, Aircraft Operating Agencies, States, Groups of States, companies, government entities, etc.
OrganisationAuthority.designator	A coded identifier of the organisation, authority, agency or unit. Description: CA= Canada, FAA= Federal Aviation Administration, UK = United Kingdom, ICAO = International Civil Aviation Organization	A ~~coded identifier of the~~ distinguishing label, term, abbreviation or acronym used to identify an organisation, authority, agency or unit. ~~Description~~For example: CA~~=~~ for Canada, FAA~~=~~ for the Federal Aviation Administration, ~~UK = United Kingdom,~~ ICAO ~~=~~for the International Civil Aviation Organization.	A distinguishing label, term, abbreviation or acronym used to identify an organisation, authority, agency or unit. For example: CA for Canada, FAA for the Federal Aviation Administration, ICAO for the International Civil Aviation Organization.
OrganisationAuthority.military	Information on the type of operations allowed.	~~Information on~~ An indicator of the type of operations ~~allowed.~~under the authority of the State, Organisation, aircraft operating agency, handling agency etc.	An indicator of the type of operations under the authority of the State, Organisation, aircraft operating agency, handling agency etc.
OrganisationAuthority.name	The full official name of the State, Organisation, Authority, aircraft operating agency, handling agency etc.	The full official name of the State, Organisation, Authority, aircraft operating agency, handling agency, etc.	The full official name of the State, Organisation, Authority, aircraft operating agency, handling agency, etc.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
OrganisationAuthority.type	A code indicating the nature of an authority in terms of its status or business role in ATM. For example: State, group of States, organisation within a State, aircraft operating agency, etc.	~~A code indicating~~An indicator of the nature of an authority in terms of its status or business role in ~~ATM.~~air traffic management. For example: State, group of States, organisation within a State, aircraft operating agency, etc.	An indicator of the nature of an authority in terms of its status or business role in air traffic management. For example: State, group of States, organisation within a State, aircraft operating agency, etc.
OrganisationAuthorityAssociation	This entity type serves to realise the different 'two-way associations' which may exist between 'organisations/authorities' of the same and/or different types. Example: - an organisation/authority/agency may consist of any number of other organisations/au	~~This entity type serves to realise the different 'two-way associations' which may exist between 'organisations/authorities' of the same and/or different types. Example: - an organisation/authority/agency may consist of any number of other organisations/au~~A type of hierarchical or associative relationship between two organizations or authorities showing ownership, supervision or membership.	A type of hierarchical or associative relationship between two organizations or authorities showing ownership, supervision or membership.
OrganisationAuthorityAssociation.type	The kind of association between two Organisations/Authorities.	The kind of association between two Organisations/Authorities.	The kind of association between two Organisations/Authorities.
PassengerLoadingBridge.type	Type of bridge used passengers to board and deplane	Type of bridge used by passengers and crew to board and deplane an aircraft.	Type of bridge used by passengers and crew to board and deplane an aircraft.
PilotControlledLighting	Service providing airborne control of lights by keying the aircraft's microphone. Often available at locations without specified hours for lighting and where there is no control tower or Flight Service Station (FSS); or when the tower or FSS is closed (locations with part-time tower or FSS).	Service providing airborne control of lights by keying the aircraft's microphone.~~—~~ Often available at locations without specified hours for lighting and where there is no control tower or Flight Service Station (FSS); or when the tower or FSS is closed (locations with part-time tower or FSS).	Service providing airborne control of lights by keying the aircraft's microphone. Often available at locations without specified hours for lighting and where there is no control tower or Flight Service Station (FSS); or when the tower or FSS is closed (locations with part-time tower or FSS).

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Point	AIXM Point containing horizontal accuracy data. In AIXM horizontal accuracy is considered a property of the geometry.	~~AIXM Point containing horizontal accuracy data. In AIXM horizontal accuracy is considered a property of the geometry.~~A zero-dimensional object that specifies geometric location. One coordinate pair or triplet specifies the location.	A zero-dimensional object that specifies geometric location. One coordinate pair or triplet specifies the location.
Point.horizontalAccuracy	The difference between the recorded horizontal coordinates of a feature and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.	The difference between the recorded horizontal coordinates of a ~~feature~~point and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.	The difference between the recorded horizontal coordinates of a point and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.
PostalAddress	Physical address at which the organization or individual may be contacted. Derived from ISO19115-2003	Physical address at which the organization or individual may be contacted.~~ Derived from ISO19115-2003~~	Physical address at which the organization or individual may be contacted.
PostalAddress.administrativeArea	The state or province of the location or organisation.	The state or province of ~~the location~~an organisation's or ~~organisation~~individual's physical address.	The state or province of an organisation's or individual's physical address.
PostalAddress.city	The city of the location or organisation.	The city portion of the ~~location or~~ physical address for an organisation or individual.	The city portion of the physical address for an organisation or individual.
PostalAddress.country	The country of the physical address for the location or organisation. Full name, not ISO 3166 abbreviations.	The country name portion of the physical address for ~~the location or~~ an organisation~~. Full name, not ISO 3166 abbreviations~~ or individual.	The country name portion of the physical address for an organisation or individual.
PostalAddress.deliveryPoint	The street address line for the location. More than one address line may be used.	The street address ~~line for~~portion of the ~~location. More than one~~physical address ~~line may be used~~for an organisation or individual.	The street address portion of the physical address for an organisation or individual.
PostalAddress.postalCode	The ZIP or other postal code for the location or organisation.	The ZIP or other postal code portion of the physical address for ~~the location or~~ an organisation or individual.	The ZIP or other postal code portion of the physical address for an organisation or individual.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Ridge.distance	Distance from the edge of the movement area.	Distance of the ridge of deposited material from the edge of the movement area.	Distance of the ridge of deposited material from the edge of the movement area.
Ridge.side	The side of the runway where the deposited material is located.	The side of the runway where the ridge of deposited material is located.	The side of the runway where the ridge of deposited material is located.
Road.abandoned	Indicating that the surface is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	~~Indicating~~An indicator that ~~the surface~~a road is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	An indicator that a road is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.
Road.status	A code indicating the operational status of a service road. For example, serviceable, unserviceable, work in progress, etc.	~~A code indicating~~An indicator of the operational status of a service road. For example, serviceable, unserviceable, work in progress, etc.	An indicator of the operational status of a service road. For example, serviceable, unserviceable, work in progress, etc.
Road.type	Type of road	Type of road at an airport/heliport.	Type of road at an airport/heliport.
Runway.abandoned	Indicating that the surface is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	~~Indicating~~An indicator that the surface is no longer in operational use, but ~~it~~ is still physically present and visible, although usually in a degraded state.	An indicator that the surface is no longer in operational use, but is still physically present and visible, although usually in a degraded state.
Runway.designator	The full textual designator of the runway, used to uniquely identify it at an aerodrome/heliport which has more than one. E.g. 09/27, 02R/20L, RWY 1.	The ~~full textual~~ designator of ~~the~~a runway, used to uniquely identify it at an aerodrome/heliport~~ which has more than one. E.g. 09/27, 02R/20L, RWY 1~~.	The designator of a runway, used to uniquely identify it at an aerodrome/heliport.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Runway.lengthOffset	A value specifying the longitudinal offset of the strip, when it is not symmetrically extended beyond the two runway ends. Notes: The longitudinal offset defines the distance along the centreline from the middle of the runway centreline towards the middle of the strip centreline. An offset in the direction defined from the threshold with the lower runway direction designation number towards the opposite runway threshold is indicated by a positive value. An offset in the opposite sense is indicated by a negative value. Example: a runway oriented 09/27 has a strip that is extending 120 m before the threshold of the runway direction 09 and only 100 m before the threshold of the runway direction 27. The value of the longitudinal offset will be -10 m.	A value specifying the longitudinal offset of the strip, when it is not symmetrically extended beyond the two runway ends. ~~Notes: The longitudinal offset defines the distance along the centreline from the middle of the runway centreline towards the middle of the strip centreline. An offset in the direction defined from the threshold with the lower runway direction designation number towards the opposite runway threshold is indicated by a positive value. An offset in the opposite sense is indicated by a negative value.~~ ~~Example: a runway oriented 09/27 has a strip that is extending 120 m before the threshold of the runway direction 09 and only 100 m before the threshold of the runway direction 27. The value of the longitudinal offset will be -10 m.~~ Where a strip is a defined area including the runway and, if applicable, the stopway.	A value specifying the longitudinal offset of the strip, when it is not symmetrically extended beyond the two runway ends. Where a strip is a defined area including the runway and, if applicable, the stopway.
Runway.lengthStrip	The value of the physical length of the strip. The runway strip is a defined area including the runway and, if applicable, the stop-way. It is intended (a) to reduce the risk of damage to aircraft running off the runway and (b) to protect aircraft flying over the runway during take-off or landing operations.	The ~~value of the~~ physical length of the strip. ~~The runway~~Where a strip is a defined area including the runway and, if applicable, the ~~stop-way. It is intended (a) to reduce the risk of damage to aircraft running off the runway and (b) to protect aircraft flying over the runway during take-off or landing operations~~stopway.	The physical length of the strip. Where a strip is a defined area including the runway and, if applicable, the stopway.
Runway.type	The type can be either runway for airplanes or final approach and take off area (FATO) for helicopters.	The type can be either runway for airplanes or ~~final approach~~Final Approach and ~~t~~Take~~-~~-off ~~a~~Area (FATO) for helicopters.	The type can be either runway for airplanes or Final Approach and Take-off Area (FATO) for helicopters.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Runway.widthOffset	A value specifying the lateral offset of the strip, when it is not symmetrically extended beyond the two runway edges. Note: The lateral offset defines the distance from the runway centreline to the strip centreline in direction perpendicular to the runway centreline. An offset to the right, based on the direction defined from the threshold with the lower runway direction designation number towards the opposite runway threshold, is indicated by a positive value. An offset to the left is indicated by a negative value. Example: a runway oriented 09/27 has a strip that is extending 150 m to the right of the runway direction 09 and 300 m to the left of the same runway direction. The value of the lateral offset will be -75 m.	A value specifying the lateral offset of the strip, when it is not symmetrically extended beyond the two runway edges. ~~Note: The lateral offset defines the distance from the runway centreline to the strip centreline in direction perpendicular to the runway centreline. An offset to the right, based on the direction defined from the threshold with the lower runway direction designation number towards the opposite runway threshold, is indicated by a positive value. An offset to the left is indicated by a negative value.~~ ~~Example: a runway oriented 09/27 has a strip that is extending 150 m to the right of the runway direction 09 and 300 m to the left of the same runway direction. The value of the lateral offset will be -75 m.~~ Where a strip is a defined area including the runway and, if applicable, the stopway.	A value specifying the lateral offset of the strip, when it is not symmetrically extended beyond the two runway edges. Where a strip is a defined area including the runway and, if applicable, the stopway.
Runway.widthShoulder	The value of the runway shoulder width.	The ~~value of the~~ runway shoulder width.	The runway shoulder width.
Runway.widthStrip	The value of the physical width of the strip.	The ~~value of the~~ physical width of the strip. Where a strip is a defined area including the runway and, if applicable, the stopway.	The physical width of the strip. Where a strip is a defined area including the runway and, if applicable, the stopway.
RunwayBlastPad.length	Overall length of the feature	~~Overall length of the feature~~The overall length of a barrier used to divert and/or dissipate jet and/or propeller blast.	The overall length of a barrier used to divert and/or dissipate jet and/or propeller blast.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
RunwayBlastPad.status	Temporal description of the operational state of the feature. This attribute is used to describe real-time status	~~Temporal description of the operational state of the feature. This attribute is used to describe real-time status~~The operational status of an aerodrome movement area, as a category. Where this movement area relates directly to the Runway Blast Pad.	The operational status of an aerodrome movement area, as a category. Where this movement area relates directly to the Runway Blast Pad.
RunwayCentrelinePoint.designator	A code or name by which the point is identified locally at the airport.	~~A code or name by which the point is identified locally at the airport.~~The designator of a runway centreline point, used to uniquely identify it at an aerodrome/heliport.	The designator of a runway centreline point, used to uniquely identify it at an aerodrome/heliport.
RunwayCentrelinePoint.role	The role of the point along the runway direction centreline.	The role of an operationally significant position on the ~~point along the~~centre line of a runway direction ~~centreline~~.	The role of an operationally significant position on the centre line of a runway direction.
RunwayContamination.apronAvailable	An indication whether there are cleared aprons available serving that runway.	An indication ~~whether~~that there are cleared aprons available serving ~~that~~a runway.	An indication that there are cleared aprons available serving a runway.
RunwayContamination.clearedLength	Length of runway cleared of contamination, if less than the total length.	Length of runway cleared of contamination, if less than the total length of the runway.	Length of runway cleared of contamination, if less than the total length of the runway.
RunwayContamination.clearedLengthBegin	The distance from the threshold with the lowest designator number to the point where the cleared portion starts, in case of partial clearance.	The distance from the threshold ~~with~~of the runway direction having the lowest designator number to the point where the cleared portion starts, in case of partial clearance.	The distance from the threshold of the runway direction having the lowest designator number to the point where the cleared portion starts, in case of partial clearance.
RunwayContamination.clearedSide	Indicates that the cleared width is offset left or right of centre line.	Indicates that the cleared width is offset left or right of a runway centre line.	Indicates that the cleared width is offset left or right of a runway centre line.
RunwayContamination.obscuredLightsSide	Indicates the side on which the lights are obscured.	Indicates the side of the runway on which the lights are obscured by contamination.	Indicates the side of the runway on which the lights are obscured by contamination.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
RunwayContamination.taxiwayAvailable	An indication whether there are cleared taxiways available serving that runway.	An indication ~~whether~~that there are cleared taxiways available serving that runway.	An indication that there are cleared taxiways available serving that runway.
RunwayDeclaredDistance	A conventional operational distance declared for a runway direction. For example, TORA, TODA, LDA, ASDA.	A conventional operational distance declared for a runway direction. ~~For example, TORA, TODA, LDA, ASDA.~~	A conventional operational distance declared for a runway direction.
RunwayDeclaredDistance.type	A code indicating the type of a conventional declared distance. For example, TORA, TODA, LDA, RTODAH, etc..	~~A code indicating the~~The type of a conventional operational distance declared ~~distance. For example, TORA, TODA, LDA, RTODAH, etc..~~for a runway direction.	The type of a conventional operational distance declared for a runway direction.
RunwayDeclaredDistanceValue.distance	The value of the declared distance.	The ~~value of the~~conventional operational distance declared ~~distance~~for a runway direction.	The conventional operational distance declared for a runway direction.
RunwayDeclaredDistanceValue.distanceAccuracy	Accuracy of the value of the declared distance.	~~Accuracy~~The accuracy of the value of ~~the~~a conventional operational distance declared ~~distance~~for a runway direction.	The accuracy of the value of a conventional operational distance declared for a runway direction.
RunwayDirection	One of the two landing and take-off directions of a runway for which attributes like TORA, TODA, LDA, etc. may be defined.	One of the two landing and take-off directions of a runway for which attributes like Take-off Run Available (TORA~~,~~), Take-off Distance Available (TODA~~,~~), Landing Distance Available (LDA~~,~~), etc. may be defined.	One of the two landing and take-off directions of a runway for which attributes like Take-off Run Available (TORA), Take-off Distance Available (TODA), Landing Distance Available (LDA), etc. may be defined.
RunwayDirection.approachMarkingCondition	The quality of the runway marking such as good, fair, poor and other.	The quality of the runway direction marking such as good, fair, poor and other.	The quality of the runway direction marking such as good, fair, poor and other.
RunwayDirection.approachMarkingType	Type of marking related to landing categories such as precision, non-precision and basic.	~~Type of~~The type of runway direction marking related to landing categories such as precision, non-precision and basic.	The type of runway direction marking related to landing categories such as precision, non-precision and basic.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
RunwayDirection.classLightingJAR	Classification of the approach lighting system using as criteria JAR-OPS 1 - Subpart E, Appendix 1 to 1.430	~~Classification~~A classification of the approach lighting system for a runway direction using as criteria Joint Aviation Requirements JAR-OPS 1 - Subpart E, Appendix 1 to 1.430.	A classification of the approach lighting system for a runway direction using as criteria Joint Aviation Requirements JAR-OPS 1 - Subpart E, Appendix 1 to 1.430.
RunwayDirection.designator	The full textual designator of the landing and take-off direction. Examples: 27, 35L, 01R.	~~The full textual~~A designator for one of the two possible landing and/or take-off ~~direction. Examples: 27, 35L, 01R.~~directions of a runway or Final Approach and Take-off Area (FATO).	A designator for one of the two possible landing and/or take-off directions of a runway or Final Approach and Take-off Area (FATO).
RunwayDirection.elevationTDZ	Elevation of touch down zone: The value of the highest elevation of the runway Touch Down Zone (TDZ).	~~Elevation of touch down zone: The value of the~~The highest elevation of the runway Touch Down Zone (TDZ~~).~~) for a runway direction.	The highest elevation of the runway Touch Down Zone (TDZ) for a runway direction.
RunwayDirection.elevationTDZAccuracy	The accuracy of the reported Touch Down Zone elevation	The accuracy of the reported Touch Down Zone elevation of runway direction.	The accuracy of the reported Touch Down Zone elevation of runway direction.
RunwayDirection.patternVFR	A code indicating the direction of the VFR flight pattern at an aerodrome/heliport, i.e. left or right.	~~A code indicating the~~The direction, i.e. left or right, of the Visual Flight Rules (VFR) flight pattern at an aerodrome/heliport~~, i.e. left or right~~ for a runway direction.	The direction, i.e. left or right, of the Visual Flight Rules (VFR) flight pattern at an aerodrome/heliport for a runway direction.
RunwayDirection.precisionApproachGuidance	Degree to which navigation aids provide accurate approach guidance. Precision approaches utilize both lateral (course) and vertical (glideslope) information	Degree to which navigation aids provide accurate approach guidance~~. Precision approaches utilize both lateral (course) and vertical (glideslope) information~~ for a runway direction.	Degree to which navigation aids provide accurate approach guidance for a runway direction.
RunwayDirection.slopeTDZ	Touchdown zone longitudinal slope (slope of 1/3 of the runway length from threshold or first 3000 feet for runways longer than 9000 feet)	Touchdown zone longitudinal slope (slope of 1/3 of the runway length from threshold or first 3000 feet for runways longer than 9000 feet) for a runway direction.	Touchdown zone longitudinal slope (slope of 1/3 of the runway length from threshold or first 3000 feet for runways longer than 9000 feet) for a runway direction.
RunwayDirection.trueBearing	The measured angle between the runway direction and True North at a given position. Note : The True North is the north point at which the meridian	The measured angle between the runway direction and True North at a given position. ~~Note : The True North is the north point at which the meridian~~	The measured angle between the runway direction and True North at a given position.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
	lines meet.	~~lines meet.~~	
RunwayDirection.trueBearingAccuracy	Accuracy of the measured angle between the runway direction and True North at a given position.	~~Accuracy~~The accuracy of the measured angle between the runway direction and True North at a given position.	The accuracy of the measured angle between the runway direction and True North at a given position.
RunwayDirectionLightSystem.position	A code indicating the part of the runway the lighting system is serving.	A ~~code indicating~~indication of the part of the runway served by the runway direction lighting system ~~is serving~~.	A indication of the part of the runway served by the runway direction lighting system.
RunwayElement.gradeSeparation	A code that indicates the placement of the element at a different height from another element.	~~A code that indicates~~An indicator of the placement of the element at a different height from another element.	An indicator of the placement of the element at a different height from another element.
RunwayElement.type	The type of element.	The type of runway element.	The type of runway element.
RunwayMarking.markingLocation	A code indicating the location of the marking relative to the surface.	~~A code indicating~~An indication of the location of the marking relative to the surface of a runway.	An indication of the location of the marking relative to the surface of a runway.
RunwayProtectArea.lighting	The availability of a lighting system that visually identified the Protection Area in low visibility conditions.	The availability of a lighting system that visually identifie~~d~~s the ~~Protection Area~~runway protect area in low visibility conditions.	The availability of a lighting system that visually identifies the runway protect area in low visibility conditions.
RunwayProtectArea.obstacleFree	Indicates if the protection area is obstacle free.	Indicates if the ~~protection~~runway protect area is obstacle free.	Indicates if the runway protect area is obstacle free.
RunwayProtectArea.status	Temporal description of the operational state of the feature. This attribute is used to describe real-time status.)	~~Temporal description of the~~The operational ~~state of the feature. This attribute is used to describe real-time~~ status~~.)~~ of an aerodrome movement area, as a category.	The operational status of an aerodrome movement area, as a category.
RunwayProtectArea.type	A code indicating the type of protection area. For example, clearway, obstacle free zone, obstacle free surface, etc..	~~A code indicating the type of protection area.~~ ~~For example, clearway, obstacle free zone, obstacle free surface, etc..~~A type of runway protect area.	A type of runway protect area.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
RunwayProtectArea.width	The value of the physical width of the protection area.	The ~~value of the~~ physical width of the ~~protection~~runway protect area.	The physical width of the runway protect area.
RunwayProtectAreaLightSystem	The lighting for the runway project area.	The lighting for the runway pro~~j~~tect area.	The lighting for the runway protect area.
RunwayProtectAreaLightSystem.position	Location of the lighting.	~~Location~~A indication of the part of the runway served by the runway protect area lighting system.	A indication of the part of the runway served by the runway protect area lighting system.
RunwaySectionContamination.section	Indicates the part of the runway that is affected. This attribute supports the current SNOWTAM practice, which consists in reporting the contamination information on each third of the runway length, starting from the threshold of the runway direction having the lower designation number.	Indicates the part of the runway that is affected. This ~~attribute~~ supports ~~the current SNOWTAM practice, which consists in reporting~~indicating the contamination information on each third of the runway length, starting from the threshold of the runway direction having the lower designation number.	Indicates the part of the runway that is affected. This supports indicating the contamination information on each third of the runway length, starting from the threshold of the runway direction having the lower designation number.
RunwayVisualRange.readingPosition	The position along the runway direction for which the reading is provided.	The position along the runway direction for which the Runway Visual Range (RVR) reading is provided.	The position along the runway direction for which the Runway Visual Range (RVR) reading is provided.
SeaplaneLandingArea	Area specifically designated for take-offs and landings of seaplanes	Area specifically designated for take-offs and landings of seaplanes.	Area specifically designated for take-offs and landings of seaplanes.
SeaplaneRampSite	Ramps specifically designed to transit seaplanes from land to water and vice versa	Ramps specifically designed to transit seaplanes from land to water and vice versa.	Ramps specifically designed to transit seaplanes from land to water and vice versa.
SegmentPoint.RadarGuidance	Radar guidance is possible for reaching this point.	Radar guidance is possible for reaching ~~this~~an associated point.	Radar guidance is possible for reaching an associated point.
SegmentPoint.ReportingATC	Indicating the type of position report required by an ATC Unit. E.g..: compulsory or on request.	~~Indicating~~ An indicator of the type of position report ~~required by an ATC Unit. E~~(e.g~~...~~.. compulsory or on request~~—~~) required by an ATC Unit	An indicator of the type of position report (e.g., compulsory or on request) required by an ATC Unit
SegmentPoint.Waypoint	A point used for RNAV procedures/routes.	A point used for Area Navigation (RNAV) procedures/routes.	A point used for Area Navigation (RNAV) procedures/routes.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Surface	An AIXM surface derived from GM_Surface and extended to include Horizontal Accuracy Properties	~~An AIXM surface derived from GM_Surface and extended to include Horizontal Accuracy Properties~~A 2-dimensional primitive and is composed of one or more surface patches as specified in ISO 19107:2003, 6.3.17.1. The surface patches are connected to one another.	A 2-dimensional primitive and is composed of one or more surface patches as specified in ISO 19107:2003, 6.3.17.1. The surface patches are connected to one another.
Surface.horizontalAccuracy	The difference between the recorded horizontal coordinates of a feature and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.	The difference between the recorded horizontal coordinates of a ~~feature~~surface and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.	The difference between the recorded horizontal coordinates of a surface and its true position referenced to the same geodetic datum expressed as a circular error at 95 percent probability.
SurfaceCharacteristics.pavementSubgradePCN	A categorized indication of the pavement subgrade strength related to the Pavement Classification Number (PCN).	~~A categorized~~An indication of the pavement subgrade strength related to the Pavement Classification Number (PCN).	An indication of the pavement subgrade strength related to the Pavement Classification Number (PCN).
SurfaceCharacteristics.pavementTypePCN	The pavement behaviour (rigid or flexible) used for the Pavement Classification Number (PCN) determination, as a category.	The pavement behaviour (rigid or flexible) used for determining the Pavement Classification Number (PCN~~) determination, as a category.~~).	The pavement behaviour (rigid or flexible) used for determining the Pavement Classification Number (PCN).
SurfaceCharacteristics.surfaceCondition	The quality of the surface, as a category.	The quality of the surface~~, as a category~~ of an airport surface.	The quality of the surface of an airport surface.
SurfaceCharacteristics.tyrePressureSIWL	The maximum aircraft tire pressure that a movement area surface can support.	~~The~~One of the characteristics of a surface that represents the maximum aircraft tire pressure that a movement area surface can support.	One of the characteristics of a surface that represents the maximum aircraft tire pressure that a movement area surface can support.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
SurfaceCharacteristics.weightAUW	The maximum total value of the weight of an aircraft that a movement area surface may support, regardless of the landing gear configuration of the aircraft.	~~The~~One of the characteristics of a surface that represents the maximum total value of the weight of an aircraft that a movement area surface may support, regardless of the landing gear configuration of the aircraft.	One of the characteristics of a surface that represents the maximum total value of the weight of an aircraft that a movement area surface may support, regardless of the landing gear configuration of the aircraft.
SurfaceCharacteristics.weightSIWL	The maximum calculated load on each tire of a landing gear assembly that a movement area surface can support.	~~The~~One of the characteristics of a surface that represents the maximum calculated load on each tire of a landing gear assembly that a movement area surface can support.	One of the characteristics of a surface that represents the maximum calculated load on each tire of a landing gear assembly that a movement area surface can support.
SurfaceContamination	Presence or removal of hazardous conditions on movement areas due to snow, ice, slush, water.	Presence or removal of hazardous conditions on aerodrome/heliport movement areas due to snow, ice, slush, water.	Presence or removal of hazardous conditions on aerodrome/heliport movement areas due to snow, ice, slush, water.
SurfaceContamination.frictionCoefficient	The average friction coefficient.	~~The average friction coefficient.~~The average ratio of the weight of an object being moved along an airport/heliport surface with contamination and the force that maintains contact between the object and that surface.	The average ratio of the weight of an object being moved along an airport/heliport surface with contamination and the force that maintains contact between the object and that surface.
SurfaceContamination.frictionDevice	The type of equipment used to determine the reported friction coefficient.	The type of equipment used to determine the ~~reported~~ friction coefficient of an airport/heliport surface with contamination.	The type of equipment used to determine the friction coefficient of an airport/heliport surface with contamination.
SurfaceContamination.frictionEstimation	A qualitative estimate of the friction.	A qualitative estimate of the friction on an airport/heliport surface with contamination.	A qualitative estimate of the friction on an airport/heliport surface with contamination.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
SurfaceContamination.furtherClearanceTime	The date and time (UTC) when it is expected to complete further clearance.	The ~~date and~~ time ~~(UTC)~~ when it is expected to complete further clearance~~.~~ of an airport/heliport surface with contamination..	The time when it is expected to complete further clearance of an airport/heliport surface with contamination..
SurfaceContamination.furtherTotalClearance	Indicates that the further total clearance is expected.	Indicates that ~~the~~ further total clearance of an airport/heliport surface with contamination is expected.	Indicates that further total clearance of an airport/heliport surface with contamination is expected.
SurfaceContamination.nextObservationTime	The date and time of the next intended measurement report (UTC).	The date and time of the next intended measurement ~~report (UTC).~~of conditions on an airport/heliport surface.	The date and time of the next intended measurement of conditions on an airport/heliport surface.
SurfaceContamination.obscuredLights	Indicates that the surface lights are obscured.	Indicates that the surface lights are obscured by surface contamination.	Indicates that the surface lights are obscured by surface contamination.
SurfaceContamination.observationTime	The date and time of the measurement completion (UTC).	The date and time of ~~the~~surface contamination measurement completion ~~(UTC).~~	The date and time of surface contamination measurement completion.
SurfaceContamination.proportion	The percentage of the contaminated area from the overall extent of the surface.	The percentage of the contaminated area ~~from~~of the overall extent of the surface.	The percentage of the contaminated area of the overall extent of the surface.
SurfaceContaminationLayer.layerOrder	The order of the layer, starting from the uppermost (value "1") towards the movement area surface, in case overlapping contaminants are present.	The order of the layer~~,~~ (starting from the uppermost ~~(value "1"),~~ towards the movement area surface~~,~~), in case overlapping contaminants are present.	The order of the layer (starting from the uppermost, towards the movement area surface), in case overlapping contaminants are present.
SurveyControlPoint	A monumented survey control point	A monumented survey control point. Or A surveying reference point marked by a permanently fixed marker.?	A monumented survey control point. Or A surveying reference point marked by a permanently fixed marker.?

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
SurveyControlPoint.designator	The identifier of the control survey point.	The identifier of the survey control ~~survey~~ point~~.~~ (a surveying reference point marked by a permanently fixed marker.)	The identifier of the survey control point (a surveying reference point marked by a permanently fixed marker.)
TaxiHoldingPosition.landingCategory	Type of landing operations for which that holding position is relevant. For example, precision cat I, precision cat II, precision cat III.	Type of landing operations for which that holding position is relevant. For example, precision ~~cat~~instrument approach category I, precision ~~cat~~instrument approach category II, precision ~~cat~~instrument approach category III.	Type of landing operations for which that holding position is relevant. For example, precision instrument approach category I, precision instrument approach category II, precision instrument approach category III.
TaxiHoldingPosition.status	A code indicating the operational status of the holding position. For example, serviceable, unserviceable, closed, work in progress, etc.	~~A code indicating~~An indication of the operational status of the taxi holding position. For example, ~~serviceable~~normal, unserviceable, ~~closed~~downgraded, work in progress, etc.	An indication of the operational status of the taxi holding position. For example, normal, unserviceable, downgraded, work in progress, etc.
TaxiHoldingPositionMarking	A symbol or group of symbols displayed on the surface of a Taxiway indicating the location of the TaxiHoldingPosition.	A symbol or group of symbols displayed on the surface of a Taxiway indicating the location of the ~~TaxiHoldingPosition.~~Taxi Holding Position.	A symbol or group of symbols displayed on the surface of a Taxiway indicating the location of the Taxi Holding Position.
Taxiway	A defined path at an aerodrome/heliport established for the taxiing of aircraft/helicopters and intended to provide a link between one part of the aerodrome and another, including aircraft/helicopter stand taxi-lines, apron taxiways, rapid exit taxiways, air taxiways etc..	A defined path at an aerodrome/heliport established for the taxiing of aircraft/helicopters and intended to provide a link between one part of the aerodrome and another, including aircraft/helicopter stand taxi-lines, apron taxiways, rapid exit taxiways, air taxiways etc~~.~~.	A defined path at an aerodrome/heliport established for the taxiing of aircraft/helicopters and intended to provide a link between one part of the aerodrome and another, including aircraft/helicopter stand taxi-lines, apron taxiways, rapid exit taxiways, air taxiways etc.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Taxiway.abandoned	Indicating that the surface is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	~~Indicating~~An indicator that ~~the surface~~a taxiway is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	An indicator that a taxiway is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.
Taxiway.length	Value for the length of the taxiway	~~Value~~The value for the length of the taxiway.	The value for the length of the taxiway.
Taxiway.type	A code indicating a type of taxiway. For example: air taxiway, ground exit/turnoff, rapid exit/turnoff, stub, turn around, etc.	~~A code indicating~~ An indication of a type of taxiway. For example: air taxiway, ground taxiway, exit/turnoff, rapid exit/turnoff, stub, turn around, etc.	An indication of a type of taxiway. For example: air taxiway, ground taxiway, exit/turnoff, rapid exit/turnoff, stub, turn around, etc.
TaxiwayContamination.clearedWidth	Width of taxiway cleared of contamination.	~~Width~~The width of taxiway cleared of contamination.	The width of taxiway cleared of contamination.
TaxiwayElement	Part of a Taxiway	Part of a Taxiway.	Part of a Taxiway.
TaxiwayElement.gradeSeparation	A code that indicates the placement of the element at a different height from another element.	~~A code that indicates~~An indication of the placement of the taxiway element at a different height from another element.	An indication of the placement of the taxiway element at a different height from another element.
TaxiwayElement.length	The length of the runway element.	The length of the ~~runway~~taxiway element.	The length of the taxiway element.
TaxiwayElement.type	The type of element.	The type of taxiway element.	The type of taxiway element.
TaxiwayElement.width	The width of the runway element.	The width of the ~~runway~~taxiway element.	The width of the taxiway element.
TaxiwayLightSystem.position	A code indicating the part of the TWY surface the lighting system is serving. For example, centre line, edge, etc..	A ~~code indicating~~indication of the part of the ~~TWY~~taxiway surface the lighting system is serving. For example, centre line, edge, etc..	A indication of the part of the taxiway surface the lighting system is serving. For example, centre line, edge, etc..
TaxiwayMarking.markingLocation	A code indicating the location of the marking relative to the surface.	~~A code indicating~~An indication of the location of the marking relative to the surface of a taxiway.	An indication of the location of the marking relative to the surface of a taxiway.
TelephoneContact	Telephone numbers at which the organisation or individual may be contacted. From ISO19115-2003	Telephone numbers at which the organisation or individual may be contacted. ~~From ISO19115-2003~~	Telephone numbers at which the organisation or individual may be contacted.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Timesheet.day	A code indicating the day the timesheet is referring to.	~~A code indicating~~An indicator of the day the timesheet is referring to.	An indicator of the day the timesheet is referring to.
Timesheet.daylightSavingAdjust	Indicates that the startTime and endTime values have to be decreased by one hour when Daylight Saving is in force (summer time).	Indicates that the ~~s~~'StartTime' and ~~e~~'EndTime' values of a timesheet have to be decreased by one hour when Daylight Saving is in force (summer time).	Indicates that the 'StartTime' and 'EndTime' values of a timesheet have to be decreased by one hour when Daylight Saving is in force (summer time).
Timesheet.dayTil	A code indicating the days affected by a timesheet, as follows: - if the value of this attribute is left blank, the "endTime", "endEvent", "endTimeRelativeEvent" and "endEventInterpretation" properties must be considered as occurring on the day specified in the attribute "day" (e.g. MON from 07:30 till 16:00); - if the value of this attribute is not blank, the "endTime", "endEvent", "endTimeRelativeEvent" and "endEventInterpretation" properties must be considered as occurring on the day specified in this attribute and the period described by the timesheet is considered to be a continuous one (e.g. MON 07:30 till FRI 16:00);	~~A code indicating~~An indicator of the days affected by a timesheet, as follows: ~~-~~ if the value of this attribute is left blank, the ~~"endTime", "endEvent", "endTimeRelativeEvent"~~'EndTime', 'EndEvent', 'EndTimeRelativeEvent' and ~~"endEventInterpretation" properties~~ 'endEventInterpretation' values of a timesheet must be considered as occurring on the day specified ~~in the attribute "day" (e.g. MON from 07:30 till 16:00);~~ ~~- if the value of this attribute is not blank, the "endTime", "endEvent", "endTimeRelativeEvent" and "endEventInterpretation" properties must be considered as occurring on the day specified in this attribute and the period described by the timesheet is considered to be a continuous one (e.g. MON 07:30 till FRI 16:00);~~	An indicator of the days affected by a timesheet, as follows: if the value of this attribute is left blank, the 'EndTime', 'EndEvent', 'EndTimeRelativeEvent' and 'endEventInterpretation' values of a timesheet must be considered as occurring on the day specified.
Timesheet.endDate	The end date of the validity of a timesheet. Used together with "startDate" to express repetitive time periods like 15 May to 15 November.	The end date of the validity of a timesheet. Used together with ~~"startDate"~~'a timesheet's 'StartDate' to express repetitive time periods like 15 May to 15 November.	The end date of the validity of a timesheet. Used together with a timesheet's 'StartDate' to express repetitive time periods like 15 May to 15 November.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Timesheet.endEvent	A coded reference to an event (like sunset or sunrise), the occurrence of which indicates when the period described in the Timesheet ends.	A ~~coded~~ reference to an event (like sunset or sunrise), the occurrence of which indicates when the period described in ~~the Timesheet~~a timesheet ends.	A reference to an event (like sunset or sunrise), the occurrence of which indicates when the period described in a timesheet ends.
Timesheet.endEventInterpretation	When both the "endTime" and "endEvent" values are not blank, this attribute explains how the combination of the two attributes should be interpreted, i.e. which of the two moments in time is the end of the period described by the timesheet.	When both the ~~"~~e'EndTime~~"~~ and ~~"~~e'EndEvent~~"~~ values of a timesheet are not blank, this attribute explains how the combination of the two attributes should be interpreted, i.e. which of the two moments in time is the end of the period described by the timesheet.	When both the 'EndTime' and 'EndEvent' values of a timesheet are not blank, this attribute explains how the combination of the two attributes should be interpreted, i.e. which of the two moments in time is the end of the period described by the timesheet.
Timesheet.endTimeRelativeEvent	The number of minutes before or after the event referred to in the "endEvent" attribute when the period described in the Timesheet ends.	The number of minutes before or after ~~the~~an event, referred to ~~in~~by the ~~"endEvent" attribute~~timesheet's 'EndEvent', when the period described in the ~~T~~timesheet ends.	The number of minutes before or after an event, referred to by the timesheet's 'EndEvent', when the period described in the timesheet ends.
Timesheet.excluded	Indicates that the time block indicated by the current Timesheet is excluded (subtracted) from the total schedule.	~~Indicates~~An indicator that the time block indicated by ~~the current Timesheet~~a timesheet is excluded (subtracted) from the total ~~schedule.~~time interval(s) defined by one or more additional timesheet(s).	An indicator that the time block indicated by a timesheet is excluded (subtracted) from the total time interval(s) defined by one or more additional timesheet(s).
Timesheet.startDate	The start date of the validity of a timesheet. Used together with "endDate" to express repetitive time periods like 15 May to 15 November.	The start date of the validity of a timesheet. Used together with ~~"endDate"~~a timesheet's 'EndDate' to express repetitive time periods like 15 May to 15 November.	The start date of the validity of a timesheet. Used together with a timesheet's 'EndDate' to express repetitive time periods like 15 May to 15 November.
Timesheet.startEvent	A coded reference to an event (like sunset or sunrise), the occurrence of which indicates when the period described in the Timesheet starts.	A ~~coded~~ reference to an event (like sunset or sunrise), the occurrence of which indicates when the period described in ~~the Timesheet~~a timesheet starts.	A reference to an event (like sunset or sunrise), the occurrence of which indicates when the period described in a timesheet starts.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Timesheet.startEventInterpretation	When both the "startTime" and "startEvent" values are not blank, this attribute explains how the combination of the two attributes should be interpreted, i.e. which of the two moments in time is the beginning of the period described by the timesheet.	When both the ~~"s~~'S~~tartEvent"~~' and ~~"s~~'S~~tartEvent"~~' values of a timesheet are not blank, this ~~attribute~~ explains how the combination of the two ~~attributes~~values should be interpreted, i.e. which of the two moments in time is the beginning of the period described by the timesheet.	When both the 'StartTime' and 'StartEvent' values of a timesheet are not blank, this explains how the combination of the two values should be interpreted, i.e. which of the two moments in time is the beginning of the period described by the timesheet.
Timesheet.startTime	The time of the day (specified in the "day" attribute) when the period described in the timesheet starts.	The time of the day (specified in the ~~"day"~~timesheet's 'day' attribute) when the period described in the timesheet starts.	The time of the day (specified in the timesheet's 'day' attribute) when the period described in the timesheet starts.
Timesheet.startTimeRelativeEvent	The number of minutes before or after the event referred to in the "startEvent" attribute when the period described in the Timesheet starts.	The number of minutes before or after the event referred to ~~in~~by the ~~"startEvent" attribute~~timesheet's 'StartEvent' when the period described in the ~~T~~timesheet starts.	The number of minutes before or after the event referred to by the timesheet's 'StartEvent' when the period described in the timesheet starts.
Timesheet.timeReference	A code indicating the time reference system (for example, 'UTC').	~~A code indicating~~An indicator of the time reference system or reference system offset (for example, ~~'UTC').~~Coodinated Universal Time (UTC), or UTC minus 7 hours), for time values specified in a timesheet.	An indicator of the time reference system or reference system offset (for example, Coodinated Universal Time (UTC), or UTC minus 7 hours), for time values specified in a timesheet.
TouchDownLiftOff.abandoned	Indicating that the surface is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	~~Indicating~~An indicator that the ~~surface~~touch down and lift-off area is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.	An indicator that the touch down and lift-off area is no longer in operational use, but it is still physically present and visible, although usually in a degraded state.
TouchDownLiftOff.designator	The textual designator of the touch down and lift-off area.	The ~~textual~~ designator of the touch down and lift-off area.	The designator of the touch down and lift-off area.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
TouchDownLiftOff.helicopterClass	The class of a helicopter based on its performance during a critical power unit failure after take-off.	The class of a helicopter (based on its performance during a critical power unit failure after take-off) associated with a touch down and lift-off area.	The class of a helicopter (based on its performance during a critical power unit failure after take-off) associated with a touch down and lift-off area.
TouchDownLiftOff.slope	The slope (rate of upward inclination of the surface from the horizontal) of the surface of a feature.	The slope (rate of upward inclination of the surface from the horizontal) of the surface of a ~~feature~~touch down and lift-off area.	The slope (rate of upward inclination of the surface from the horizontal) of the surface of a touch down and lift-off area.
TouchDownLiftOffContamination	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. on the TLOF surface.	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. on the Touch Down and Lift-Off (TLOF) surface.	The presence or removal of hazardous conditions due to snow, ice, slush, water, etc. on the Touch Down and Lift-Off (TLOF) surface.
TouchDownLiftOffLightSystem	The lighting system provided for a TLOF surface at an aerodrome/heliport.	The lighting system provided for a Touch Down and Lift-Off (TLOF) surface at an aerodrome/heliport.	The lighting system provided for a Touch Down and Lift-Off (TLOF) surface at an aerodrome/heliport.
TouchDownLiftOffLightSystem.position	A code indicating the part of the TLOF surface the lighting system is serving. For example, TDZ, THR, centre line, edge, etc..	A ~~code indicating~~indication of the part of the ~~TLOF~~touch down and lift-off surface the lighting system is serving. For example, ~~TDZ, THR, centre line~~aiming point, edge, etc..	A indication of the part of the touch down and lift-off surface the lighting system is serving. For example, aiming point, edge, etc..
TouchDownLiftOffMarking	A symbol or group of symbols displayed on the surface of the touch down and lift-off area.	A symbol or group of symbols displayed on the surface of the touch down and lift-off area at an airport/heliport.	A symbol or group of symbols displayed on the surface of the touch down and lift-off area at an airport/heliport.
TouchDownLiftOffMarking.markingLocation	A code indicating the location of the marking relative to the surface.	~~A code indicating~~An indication of the location of the marking relative to the surface of a touch down and lift-off area.	An indication of the location of the marking relative to the surface of a touch down and lift-off area.
TouchDownLiftOffSafeArea.length	The value of the physical length of the protection area.	The ~~value of the~~ physical length of the ~~protection~~touch down lift-off safe area.	The physical length of the touch down lift-off safe area.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Unit	A generic term meaning variously all types of 'units' providing all types of services. This includes particularly Air Traffic Management (ATM) Units but also units which are not express verbs included in ATM such as SAR, MET, COM etc.	A generic term ~~meaning variously~~referring to all types of ~~'units'~~entities providing all types of aeronautical related services. This primarily includes ~~particularly~~ Air Traffic Management (ATM) Units but also ~~units which are not express verbs included in ATM~~includes entities such as ~~SAR, MET, COM~~Search and Rescue entities, Meteorological offices, Communications office/centres, etc.	A generic term referring to all types of entities providing all types of aeronautical related services. This primarily includes Air Traffic Management (ATM) Units but also includes entities such as Search and Rescue entities, Meteorological offices, Communications office/centres, etc.
Unit.compliantICAO	A code indicating whether the Unit is setup according to the ICAO SARPS.	~~A code indicating whether~~An indicator that the Unit is setup according to the International Civil Aviation Organisation (ICAO~~.~~) Standards and Recommended Practices (SARPS~~.~~).	An indicator that the Unit is setup according to the International Civil Aviation Organisation (ICAO) Standards and Recommended Practices (SARPS).
Unit.designator	A coded designator associated with the Unit. For example, the ICAO Location Indicator of an ACC, as listed in DOC 7910.	A ~~coded designator~~distinguishing label, term, abbreviation or acronym used to identify, or associated with, the Unit. For example, the International Civil Aviation Organisation (ICAO) Location Indicator of an Area Control Centre (ACC~~,~~), as listed in ICAO DOC 7910.	A distinguishing label, term, abbreviation or acronym used to identify, or associated with, the Unit. For example, the International Civil Aviation Organisation (ICAO) Location Indicator of an Area Control Centre (ACC), as listed in ICAO DOC 7910.
Unit.military	Indicates whether the Unit is civil, military or joint.	~~Indicates whether~~An indicator of the operational nature of the Unit ~~is~~. For example: civil, military or joint operational nature.	An indicator of the operational nature of the Unit. For example: civil, military or joint operational nature.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
Unit.name	The full textual name of a unit. This name must be established according to the rules specified by ICAO, viz.: in the official language of the country, transposed into the Latin Alphabet where necessary.	The full textual name of a unit. This name must be established according to the rules specified by International Civil Aviation Organisation (ICAO~~, viz.:~~), and specifically in the official language of the country, transposed into the Latin Alphabet where necessary.	The full textual name of a unit. This name must be established according to the rules specified by International Civil Aviation Organisation (ICAO), and specifically in the official language of the country, transposed into the Latin Alphabet where necessary.
Unit.type	A type by which the Unit is recognised, usually related to the standard type of services provided by it (e.g. area control centre, advisory centre, aeronautical information services office).	~~A~~ An indicator of the type ~~by which the~~of Unit ~~is recognised~~, usually related to the standard type of services provided by it ~~(e.g.~~. For example: area control centre, advisory centre, aeronautical information services office~~).~~.	An indicator of the type of Unit, usually related to the standard type of services provided by it. For example: area control centre, advisory centre, aeronautical information services office.
UnitAvailability	Unit availability information.	~~Unit availability~~Status and scheduling information about a unit.	Status and scheduling information about a unit.
UnitAvailability.operationalStatus	Operational status information.	~~Operational status information.~~An indicator of the operational status of a Unit in regards to its availability.	An indicator of the operational status of a Unit in regards to its availability.
UnitDependency	This association class describes the operational/functional relation that exists between a Unit and a RelatedUnit.	~~This association class describes~~Describes the operational/functional ~~relation that exists~~relationship between ~~a Unit and a RelatedUnit~~two related units.	Describes the operational/functional relationship between two related units.
UnitDependency.type	The kind of dependency between the Unit and the RelatedUnit.	~~The kind of dependency between the Unit and the RelatedUnit.~~An indicator of the kind of dependency that a related unit has in relation to the unit. For example: the related unit is an owner of the unit, the related unit is a provider of services to the unit, the related unit provides an alternate/replacement service to the unit, etc.	An indicator of the kind of dependency that a related unit has in relation to the unit. For example: the related unit is an owner of the unit, the related unit is a provider of services to the unit, the related unit provides an alternate/replacement service to the unit, etc.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
UsageCondition.priorPermission	For a Conditional Permission, this indicates that a prior permission is required. Positive values indicate prior permission required before using the airport movement area. Note: this can only be specified for limitations of type "conditional permission".	For a Conditional Permission, this indicates that a prior permission is required. ~~-~~Positive values indicate prior permission required before using the airport movement area. Note: this can only be specified for limitations of type ~~"conditional permission".~~'conditional permission'.	For a Conditional Permission, this indicates that a prior permission is required. Positive values indicate prior permission required before using the airport movement area. Note: this can only be specified for limitations of type 'conditional permission'.
UsageCondition.type	A code indicating whether the limitation is a permission or an interdiction.	~~A code indicating whether~~The nature of the limitation ~~is~~(such as a permission or an interdiction) which determine rules for usage of an airport/heliport or one of its surfaces.	The nature of the limitation (such as a permission or an interdiction) which determine rules for usage of an airport/heliport or one of its surfaces.
VerticalStructure	All fixed (whether temporary or permanent) and mobile objects, or parts thereof that extend above the surface of the Earth. Those vertical structures that are located on an area intended for the surface movement of aircraft or that extend above a defined surface intended to protect aircraft in flight are considered obstacles.	All fixed ~~(whether temporary or permanent)~~ and mobile objects, or parts thereof that extend above the surface of the Earth. Those ~~vertical structures that~~objects are considered obstacles and are located on an area intended for the surface movement of aircraft or ~~that~~ extend above a defined surface intended to protect aircraft in flight ~~are considered obstacles~~.	All fixed and mobile objects, or parts thereof that extend above the surface of the Earth. Those objects are considered obstacles and are located on an area intended for the surface movement of aircraft or extend above a defined surface intended to protect aircraft in flight.
VerticalStructure.group	A flag indicating whether the vertical structure consists of a number of closely situated similar objects.	~~A flag indicating whether~~An indication that the vertical structure consists of a number of closely situated similar objects.	An indication that the vertical structure consists of a number of closely situated similar objects.
VerticalStructure.length	Overall length of the obstruction	~~Overall~~The overall length of the ~~obstruction~~vertical structure.	The overall length of the vertical structure.
VerticalStructure.lighted	A simple indication that the obstacle is lighted, when no further details are available.	A simple indication that the ~~obstacle~~vertical surface is lighted, when no further details are available.	A simple indication that the vertical surface is lighted, when no further details are available.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
VerticalStructure.lightingICAOStandard	Indicates if the lighting is ICAO standard as described in Annex 14.	~~Indicates if~~An indication that the lighting ~~is~~ of a vertical structure used as criteria the International Civil Aviation Organization (ICAO) standard as described in Annex 14.	An indication that the lighting of a vertical structure used as criteria the International Civil Aviation Organization (ICAO) standard as described in Annex 14.
VerticalStructure.markingICAOStandard	Indicates if the markings comply with the ICAO standard, as described in Annex 14.	~~Indicates if the~~An indication that vertical structure markings comply with the International Civil Aviation Organisation (ICAO) standard, as described in Annex 14.	An indication that vertical structure markings comply with the International Civil Aviation Organisation (ICAO) standard, as described in Annex 14.
VerticalStructure.name	The name of the vertical structure, if applicable,	The name of the vertical structure, if applicable,	The name of the vertical structure, if applicable,
VerticalStructure.radius	The overall radius of an obstacle that has a relatively circular shape	The overall length of the radius of an obstacle that has a relatively circular shape	The overall length of the radius of an obstacle that has a relatively circular shape
VerticalStructure.synchronisedLighting	Indicates that the flashing light elements that compose the lighting of the vertical structure (could be a group) are synchronised (flash in unison).	~~Indicates~~An Indication that the flashing light elements that compose the lighting of the vertical structure (could be a group) are synchronised (flash in unison).	An Indication that the flashing light elements that compose the lighting of the vertical structure (could be a group) are synchronised (flash in unison).
VerticalStructure.type	A code indicating the type of vertical structure, such as building, tower, cable, etc.	~~A code indicating~~An indication of the type of vertical structure, such as building, tower, cable, etc.	An indication of the type of vertical structure, such as building, tower, cable, etc.
VerticalStructure.width	Overall width of the obstruction	~~Overall~~The overall width of the obstruction.	The overall width of the obstruction.
VerticalStructureLightingStatus.status	A code indicating the operational status of the lighting. For example, serviceable, unserviceable, work in progress, etc.	~~A code indicating~~An indication of the operational status of the lighting~~.~~ for a vertical structure. For example, serviceable, unserviceable, work in progress, etc.	An indication of the operational status of the lighting for a vertical structure. For example, serviceable, unserviceable, work in progress, etc.
VerticalStructurePart.constructionStatus	This property enables the provision of information about the construction of the man-made object that constitutes the vertical structure.	~~This property enables the provision of information about the~~The status of construction of the man-made object that constitutes the vertical structure	The status of construction of the man-made object that constitutes the vertical structure part.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
		part.	
VerticalStructurePart.designator	An alphanumeric code by which the structure is identified locally.	~~An alphanumeric code~~A distinguishing label by which the vertical structure part is identified locally.	A distinguishing label by which the vertical structure part is identified locally.
VerticalStructurePart.frangible	Boolean indicating whether the obstruction is easily broken	~~Boolean indicating whether~~An indicator that the ~~obstruction~~vertical structure part is easily broken.	An indicator that the vertical structure part is easily broken.
VerticalStructurePart.markingFirstColour	The principal colour of the marking.	The principal colour of the marking of the vertical structure part.	The principal colour of the marking of the vertical structure part.
VerticalStructurePart.markingPattern	The general layout of the external paint or another marking element, intended to increase the visibility of the vertical structure.	The general layout of the external paint or another marking element, intended to increase the visibility of the vertical structure part.	The general layout of the external paint or another marking element, intended to increase the visibility of the vertical structure part.
VerticalStructurePart.markingSecondColour	The secondary colour for the marking.	The secondary colour for the marking of the vertical structure part.	The secondary colour for the marking of the vertical structure part.
VerticalStructurePart.mobile	A flag indicating whether the vertical structure is expected to move around its nominal location. The accuracy property of the related Point, Surface or Point can be used to provide the maximum displacement range.	~~A flag indicating whether~~An indicator that the vertical structure part is expected to move around its nominal location. ~~The accuracy property of the related Point, Surface or Point can be used to provide the maximum displacement range.~~	An indicator that the vertical structure part is expected to move around its nominal location.
VerticalStructurePart.type	A code indicating the type of vertical structure, such as building, tower, cable, etc.	~~A code indicating~~ An indicator of the type of vertical structure part, such as building, tower, cable, etc.	An indicator of the type of vertical structure part, such as building, tower, cable, etc.
VerticalStructurePart.verticalExtent	The extent of the vertical structure part.	The vertical extent of the vertical structure part.	The vertical extent of the vertical structure part.
VerticalStructurePart.verticalExtentAccuracy	Accuracy of the value of the declared vertical extent.	Accuracy of the value of the declared vertical extent of the vertical structure part.	Accuracy of the value of the declared vertical extent of the vertical structure part.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
VerticalStructurePart.visibleMaterial	The type(s) of material that compose the load-bearing structure and/or exterior facing of a vertical construction (for example: a building or non-building structure).	~~The~~An indicator of the type(s) of material that compose the load-bearing structure and/or exterior facing of a vertical construction (for example: a building or non-building structure).	An indicator of the type(s) of material that compose the load-bearing structure and/or exterior facing of a vertical construction (for example: a building or non-building structure).
VerticalStructurePart.horizontalProjection	The three different possibilities for describing the horizontal projection of an obstacle: point, line or polygon	~~The three different possibilities for describing the horizontal projection of an obstacle: point, line or polygon~~. The horizontal shape of the VerticalStructurePart, as projected on a horizontal plane situated at the topmost point of the VerticalStructurePart.	The horizontal shape of the VerticalStructurePart, as projected on a horizontal plane situated at the topmost point of the VerticalStructurePart.
VisualGlideSlopeIndicator	A visual guidance system that provides "below/above glidepath" information to an aircraft executing an approach to a specific runway direction.	A visual guidance system that provides "~~"~~below/above glidepath~~"~~" information to an aircraft executing an approach to a specific runway direction.	A visual guidance system that provides 'below/above glidepath' information to an aircraft executing an approach to a specific runway direction.
VisualGlideSlopeIndicator.minimumEyeHeightOverThreshold	The Minimum Eye Height over Threshold (MEHT) value. Also known as the threshold crossing height for the Visual Glide Slope Indicator.	The ~~Minimum Eye Height~~minimum height of the aircraft cockpit over ~~Threshold (MEHT) value. Also known as the~~ the threshold ~~crossing height for the Visual Glide Slope Indicator~~when the aircraft glide slope indicator is showing an on-slope indication.	The minimum height of the aircraft cockpit over the threshold when the aircraft glide slope indicator is showing an on-slope indication.
VisualGlideSlopeIndicator.numberBox	The number of boxes that compose the visual approach slope indicator system.	The number of ~~boxes~~units that compose the visual ~~approach~~glide slope indicator system, which provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.	The number of units that compose the visual glide slope indicator system, which provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
VisualGlideSlopeIndicator.portable	A code indicating whether the visual approach slope indicator system is a portable one.	~~A code indicating~~An indicator of whether ~~the~~or not a runway's visual ~~approach~~glide slope indicator system is ~~a portable one~~capable of being transported or conveyed. Where a visual glide slope indicator system provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.	An indicator of whether or not a runway's visual glide slope indicator system is capable of being transported or conveyed. Where a visual glide slope indicator system provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.
VisualGlideSlopeIndicator.position	A code describing a position, relative to the centreline, of the visual approach slope indicator for a FATO/RWY direction.	A ~~code describing a position~~location, relative to ~~the~~a runway centreline, of the visual approach slope indicator for a final approach and take off area (FATO~~/RWY~~)/runway direction. Where a visual glide slope indicator system provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.	A location, relative to a runway centreline, of the visual approach slope indicator for a final approach and take off area (FATO)/runway direction. Where a visual glide slope indicator system provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.
VisualGlideSlopeIndicator.slopeAngle	The appropriate approach slope angle to be used by an aircraft using the approach.	~~The appropriate approach slope angle to be used by an aircraft using the approach.~~A descent angle determined by a visual glide slope indicator system for visual vertical guidance during the final approach of an aircraft. Where a visual glide slope indicator system provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.	A descent angle determined by a visual glide slope indicator system for visual vertical guidance during the final approach of an aircraft. Where a visual glide slope indicator system provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.

AIXM Class.Attribute	AIXM Current Definition	Definition Redlines	Proposed New Definition
VisualGlideSlopeIndicator.type	A code indicating the type of the visual approach slope indicator system. For example, VASIS, A-VASIS, PAPI, A-PAPI, etc..	~~A code indicating the type of the visual approach slope indicator system. For example, VASIS, A-VASIS, PAPI, A-PAPI, etc..~~The type of visual glide slope indicator system installed, based upon the number, colour, and/or position of various components. Where a visual glide slope indicator system provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.	The type of visual glide slope indicator system installed, based upon the number, colour, and/or position of various components. Where a visual glide slope indicator system provides 'below/above glide path' information to an aircraft executing an approach to a specific runway direction.
WorkArea	Part of a movement area under construction	Part of ~~a~~an airport/heliport movement area that is under construction.	Part of an airport/heliport movement area that is under construction.
WorkareaActivity	Work area activity information.	~~Work~~Airport/heliport work area activity information.	Airport/heliport work area activity information.
WorkareaActivity.isActive	Work area is active or not.	~~Work~~An indication that an airport/heliport work area is active ~~or not~~.	An indication that an airport/heliport work area is active.

Mapping AIXM 5.1 to AIXM 5.1.1 (forward)

NIL (Not applicable)

Mapping AIXM 5.1.1 to AIXM 5.1 (backward)

NIL (Not applicable)

- END -