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# **SEDRIS Organization Comments**

on

# Environmental Data Coding Specification (EDCS) ISO/IEC 18025 Edition 2 DIS 12 September 2012

NOTE: During the review of the ISO/IEC 18025 DIS document and the work to update the corresponding EDCS registry software and content, several defects in the DIS text were uncovered. These include: editorial, grammar, or spelling errors; inconsistent fields in some forms; incorrect or missing HTML constructs (such as hover-over text); discrepancies within the specification text; inconsistencies across definitions, labels, and label-text; corrections to EV information; and inadequate presentation of standardized profiles in various tables. The following comments correct these defects in the DIS text. With the exception of correcting technical inconsistencies, the comments do not change any of the standard's technical concepts or content.

Editorial Comments
Technical Comments

#### **Editorial Comments**

#### Clause 4

**SEDRIS\_E001**: In 4.1.3, first sentence, hyperlink both instances of the term 'HTML' to the appropriate term in table 3.3, with the anchor's title field set to 'HTML'.

Rationale: Consistency in use of 'hover text' for abbreviated terms linked to clause 3.

# Clause 5

**SEDRIS\_E002**: In the definition of EC ABYSS, change "1 800" to "1 800".

Rationale: Correct formatting of number.

**SEDRIS\_E003**: In the definition of EC RUNWAY\_CONICAL\_OIS, change "Runway Conical" to "runway conical".

Rationale: Correct capitalization.

**SEDRIS\_E004**: In the definition of EC RUNWAY\_TOUCHDOWN\_ZONE, change 'the <RUNWAY>' to 'a <RUNWAY>'.

Rationale: Correct grammar.

**SEDRIS\_E005**: In the narrative text of the figures for the following ECs, correct "IACO" to "ICAO":

• STRATOPAUSE, STRATOSPHERE, TROPOPAUSE, TROPOSPHERE

Rationale: Correct typographical error.

**SEDRIS\_E006**: For each of the following ECs, add appropriate label-text before the period in the first sentence of the definition (of the form '; *label-text*').

 AERATION\_STRUCTURE, CADASTRAL\_CONSTRUCTION, CAVE\_NEXUS, EXTERIOR\_WALL\_OPENING, NON\_HUMAN\_ANIMAL, RAILWAY\_STORAGE\_REPAIR\_BUILDING, RAILWAY\_STORAGE\_REPAIR\_FACILITY, SENSOR, SHORE PROTECTION STRUCTURE, WATERBODY

Rationale: Compliance with the label formation rules in Clause 10.

**SEDRIS\_E007**: In the definition of EC ATS\_ROUTE\_COMPONENT, change "; these" to ". These".

Rationale: Compliance with the label formation rules in Clause 10.

#### Clause 6

**SEDRIS\_E008**: For each of the following EAs, add appropriate label-text before the period in the first sentence of the definition (of the form '; *label-text*').

• ACCESSIBILITY\_STATUS,

ACOUSTIC\_NOISE\_MARGINAL\_ICE\_ZONE\_MULTIPLIER,

AERONAUTICAL\_ROUTE\_TYPE, AIR\_TEMPERATURE\_PERIOD,

AIRCRAFT\_ICING\_LEVEL\_BASE\_ALTITUDE,

AIRCRAFT\_ICING\_LEVEL\_TOP\_ALTITUDE,

AIRCRAFT LANDING GEAR DEPLOYED POSITION,

AIRCRAFT TURBULENCE BASE ALTITUDE,

AIRCRAFT\_TURBULENCE\_TOP\_ALTITUDE

• BALEEN WHALE CATCH PER YEAR,

BASEMENT CONSTRUCTION MATERIAL, BEACON PRESENT,

BEARING AND RECIPROCAL, BEARING FROM SEAWARD,

BOTTOM RETURN ALLEGIANCE, BOTTOM RETURN OBSTACLE STATUS,

BOTTOM\_RETURN\_ROCK\_STATUS, BOTTOM\_RETURN\_SEABED\_STATUS,

BOTTOM\_RETURN\_STATUS, BOTTOM\_RETURN\_TYPE,

BOTTOM\_RETURN\_WRECK\_STATUS, BRIDGE\_SPAN\_MOBILE,

BRIDGE STRUCTURE TYPE

- CAMOUFLAGE\_TYPE, CONTROL\_PANEL\_TYPE
- DEPTH\_BELOW\_WATERBODY\_FLOOR,
   DIRECTIONAL\_HEMISPHERICAL\_REFLECTIVITY, DOMINANT\_BREAKER\_TYPE,
   DOOR\_CONSTRUCTION\_TYPE, DOOR\_OPENING\_METHOD
- ELEVATION, EMITTANCE\_AZIMUTH\_GEODETIC, EMITTANCE\_AZIMUTH\_LOCAL, EMITTANCE\_AZIMUTH\_MAGNETIC, EMITTANCE\_ELEV\_ANGLE\_HORIZONTAL, EMITTANCE\_ELEV\_ANGLE\_LOCAL, EMITTED\_DIFFUSE\_LIGHT\_SCALED\_INTENSITY, EMITTED\_SPECULAR\_LIGHT\_SCALED\_INTENSITY, EXTERIOR\_LIGHTING\_INTENSITY, EXTERIOR\_WALL\_CONSTRUCTION\_TYPE,

# EXTERIOR\_WALL\_FORTIFICATION

- FIGHTING\_POSITION\_TYPE, FISHING\_VESSEL\_DENSITY, FOG\_DETECTOR\_LIGHT\_PRESENT
- GENERAL DAMAGE FRACTION, GEOGRAPHIC REGION
- HEIGHT\_ABOVE\_FLOOR, HEIGHT\_ABOVE\_SURFACE\_LEVEL, HEIGHT\_ABOVE\_WATERBODY\_FLOOR, HIGHEST ELEVATION, HOSPITAL BED CAPACITY
- ICE\_DRAFT\_ROOT\_MEAN\_SQUARE, IGNITION\_FLASH\_INTENSITY,
   INCIDENCE\_AZIMUTH\_GEODETIC, INCIDENCE\_AZIMUTH\_LOCAL,
   INCIDENCE\_AZIMUTH\_MAGNETIC,
   INCIDENCE\_ELEV\_ANGLE\_HORIZONTAL,
   INCIDENCE\_ELEV\_ANGLE\_LOCAL, INCIDENCE\_ZENITH\_ANGLE\_LOCAL,
   INTEG\_DIRECTIONAL\_HEMISPHERICAL\_REFLECTIVITY,
   INTEG\_HEMISPHERICAL\_DIRECTIONAL\_REFLECTIVITY,
   INTEG\_HEMISPHERICAL\_HEMISPHERICAL\_REFLECTIVITY, INTEREST\_TYPE,
   INTERIOR\_WALL\_CONSTRUCTION\_TYPE
- LAND\_TRNSP\_MEDIAN\_WIDTH,
  LAND\_TRANSPORTATION\_ROUTE\_SURFACE\_TYPE, LEAF\_AREA\_INDEX,
  LIGHTNING\_LOC\_ERR\_ELLPS\_ANGLE,
  LOAD\_CLASS\_ONE\_WAY\_TRACKED, LOAD\_CLASS\_ONE\_WAY\_WHEELED,
  LOAD\_CLASS\_TWO\_WAY\_TRACKED,
  LOAD\_CLASS\_TWO\_WAY\_WHEELED,
  LUNAR\_RADIANCE\_AZIMUTH\_GEODETIC,
  LUNAR\_RADIANCE\_ELEV\_ANGLE\_HORIZONTAL
- MAGNETIC\_FIELD\_TOTAL, MARINE\_PILOT\_BOARDING\_VEHICLE,
  MAX\_WATERBODY\_TEMP\_1\_STD\_DEV,
  MAX\_WATERBODY\_TEMP\_2\_STD\_DEV,
  MAX\_WATERBODY\_TEMP\_3\_STD\_DEV, MIN\_WATERBODY\_TEMP\_1\_STD\_DEV,
  MIN\_WATERBODY\_TEMP\_2\_STD\_DEV, MIN\_WATERBODY\_TEMP\_3\_STD\_DEV,
  MAXIMUM\_AIR\_TEMPERATURE\_PERIOD,
  MINIMUM\_AIR\_TEMPERATURE\_PERIOD, MEAN\_PRIMARY\_BREAKER\_PERIOD,
  MEAN\_PRIMARY\_WAVE\_PERIOD, MEAN\_SECONDARY\_BREAKER\_PERIOD,
  MEAN\_SECONDARY\_WAVE\_PERIOD, MEAN\_SWELL\_WAVE\_PERIOD,
  MEAN\_WAVE\_PERIOD, MEAN\_WIND\_WAVE\_PERIOD,
  MINE\_CABLELESS\_ACTUATION, MINE\_OTHER\_INFORMATION\_TYPE,
  MULTIPASS\_SURFACE\_DEGRADATION
- NATIVE\_SETTLEMENT\_TYPE, NON\_SUB\_CONTACT\_POSITION\_ACCURACY
- OBJECT\_CONFIGURATION\_QUALITY,
   OBJECT\_ELEMENT\_GEODETIC\_ORIENTATION,
   OBJECT\_VERTICAL\_DISPLACEMENT, OILRIG\_PRESENT,

OPERATING\_RESTRICTIONS\_TYPE, OPERATING\_TIME, ORIENTATION\_ANGLE, OVERALL\_BRIDGE\_HEIGHT

 PEDESTRIAN\_CAPACITY, PEDESTRIAN\_RATE, PERIODIC\_END\_DATE, PERIODIC\_START\_DATE, PIPE\_CONSTRUCTION\_MATERIAL\_TYPE, POTENTIAL\_TEMPERATURE\_LAPSE\_RATE,

POWER\_GENERATION\_RATE, POWER\_PLANT\_TYPE,

PRECIPITATION\_PERIOD, PREDOMINANT\_SURROUND\_TYPE,

PREPARED EXPLOSIVE DESTRUCTION COMPLETION FRACTION,

PRESENT WEATHER TYPE AUTOMATED,

PRESENT WEATHER TYPE MANUAL,

PRESENT\_WEATHER\_TYPE\_SPECIAL, PRESSURE\_ALTIMETER\_SETTING,

PRI\_WEAPON\_DEPLOYED\_POSITION,

PRIMARY\_AERIAL\_DEPLOYED\_POSITION,

PRIMARY\_DOOR\_OPEN\_POSITION, PRIMARY\_SWELL\_WAVE\_PERIOD,

PRIMARY WAVE DIRECTION

RAILING\_HEIGHT, RAILWAY\_MAXIMUM\_AXLE\_LOAD,

RAMP DEPLOYED POSITION,

RECEIVED\_AMBIENT\_LIGHT\_SCALED\_INTENSITY, RECORDING\_DATE,

REFLECTANCE\_AZIMUTH\_GEODETIC, REFLECTANCE\_AZIMUTH\_LOCAL,

REFLECTANCE\_AZIMUTH\_MAGNETIC,

REFLECTANCE ELEV ANGLE HORIZONTAL,

REFLECTANCE\_ELEV\_ANGLE\_LOCAL,

REFLECTANCE\_ZENITH\_ANGLE\_LOCAL,

RELATIVE\_HUMIDITY\_MINIMUM\_TEMPERATURE, RESERVOIR\_TYPE,

 $ROAD\_INTERCHANGE\_TYPE, ROOM\_CEILING\_CONSTRUCTION\_TYPE,$ 

ROUTE WEATHER TYPE

SCND WEAPON DEPLOYED POSITION,

SECONDARY\_DOOR\_OPEN\_POSITION, SEASON,

SHORELINE\_PHYSIOGRAPHY, SIGNIF\_PRIMARY\_BREAKER\_HEIGHT,

SIGNIF SECONDARY BREAKER HEIGHT, SNOW ONLY DEPTH,

SOLAR RADIANCE AZIMUTH GEODETIC,

SOLAR RADIANCE AZIMUTH LOCAL,

SOLAR\_RADIANCE\_AZIMUTH\_MAGNETIC,

SOLAR\_RADIANCE\_ELEV\_ANGLE\_HORIZONTAL,

SOLAR\_RADIANCE\_ELEV\_ANGLE\_LOCAL, SOUND\_SIGNAL\_PRESENT,

SOURCE\_DATA\_SET\_REVISION\_DATE, SPERM\_WHALE\_CATCH\_PER\_YEAR,

STAIR CONSTRUCTION TYPE, SURFACE MATERIAL TYPE,

SURFACE SLOPE ORIENTATION,

SURFACE\_THERMAL\_SUNSHADING\_DOMINANCE,

SURFACE\_THERMAL\_VISUAL\_DOMINANCE

TEMPERATURE LAPSE RATE, TIDE INFLUENCED.

TOTAL\_CLOUD\_COVERAGE, TRANSPORT\_HELICOPTER\_TYPE, TRANSPORTATION\_ROUTE\_LENGTH, TREE\_SPACING

- UNCOVERING\_HEIGHT\_KNOWN, USAGE, UTILITY\_USE
- VECTOR\_AZIMUTH\_GEODETIC, VECTOR\_AZIMUTH\_LOCAL,
   VECTOR\_AZIMUTH\_MAGNETIC, VECTOR\_ELEV\_ANGLE\_HORIZONTAL,
   VEHICLE\_STORAGE\_DOOR\_PRI\_HEIGHT,
   VEHICLE\_STORAGE\_DOOR\_PRI\_WIDTH,
   VENTILATION\_INFILTRATION\_RATE, VIEW\_APERTURE\_PRESENT
- WAKE\_INTENSITY, WATERBODY\_FLOOR\_CLUTTER\_DENSITY,
  WIDTH, WIND\_CATEGORY, WIND\_DIRECTION\_VARIABILITY,
  WIND\_GALE\_FORCE\_RATE\_CLIMATOLOGY,
  WIND\_VARIABLE\_FRACTION\_CLIMATOLOGY,
  WIND\_SPEED\_20\_PERCENTILE\_CLIMATOLOGY,
  WIND\_SPEED\_50\_PERCENTILE\_CLIMATOLOGY,
  WIND\_SPEED\_80\_PERCENTILE\_CLIMATOLOGY, WIND\_WAVE\_PERIOD

Rationale: Compliance with the label formation rules in Clause 10.

**SEDRIS\_E009**: For each of the following EAs, correct the definition by moving the semicolon and label-text from the end of the final sentence to the end of the first sentence.

 CEILING\_AND\_VISIBILITY\_OK, FROUDE\_NUMBER\_TYPE\_2, PLATOON\_ACCOMMODATION\_AVAILABILITY\_COUNT, ROW\_SPACING\_INTERNAL

Rationale: Compliance with the label formation rules in Clause 10.

**SEDRIS\_E010**: For each of the following EAs, correct the definition as specified to comply with label formation rules.

- ALONGSHORE\_CURRENT\_SPEED: Change "alongshore" to "alongshore current speed. Alongshore"
- BIDIRECTIONAL\_REFLECTANCE\_DISTRIBUTION\_FUNCTION: In the first sentence, change "bi-directional" to "bidirectional" and remove "or directional directional reflectance".
- BRIDGE\_SPAN\_TRANSPORT\_VEHICLE\_TYPE: Change 'A <GROUND\_VEHICLE>'
  to 'The type of <GROUND\_VEHICLE>'.
- CONTRAIL LAYER BASE ALTITUDE: Add "(base)" after "bottom".
- FROZEN\_SOIL\_LAYER\_BOTTOM\_DEPTH: Add "(bottom)" after "base".
- INTEG\_BIDIRECTIONAL\_REFLECTANCE\_DISTRIBUTION\_FUNCTION: In the first sentence, change "bi-directional" to "integrated bidirectional" and remove "or directional directional reflectance".

- INTERNALLY\_HEATED: Change "Indication" to "An indication", and add "; internally heated" before the period.
- LIGHT\_RELATIVE\_LOCATION: Change "position" to "location".
- LIGHT\_SECTOR\_ANGLE: Change "limits" to "light sector angle. Limits".
- MAGNETIC\_FIELD\_K: Change "magnetic field K<sub>P</sub>" to "magnetic field K", and in the second sentence change all instances of 'K<sub>P</sub>' to 'K'.
- OBJECT\_TRANSMITTANCE\_FRACTION: Change "; transmittance fraction" to "; object transmittance fraction".
- SECONDARY\_AERIAL\_DEPLOYED\_POSITION: In the first sentence, remove "position" and add "; secondary aerial deployed position" before the period.
- SKY\_GROUND\_LUMINANCE\_RATIO: Change "illuminance" to "luminance".
- TOTAL\_ELECTRON\_CONTENT: Change "count" to "content".

Rationale: Compliance with the label formation rules in Clause 10.

**SEDRIS\_E011**: For each of the following EAs, correct the definition by removing the text after the semicolon, and adding that text as a second sentence, as follows.

- DOMINANT\_BREAKER\_TYPE: The second sentence should read "The dominant breaker type is dependent on the nature of the <WATERBODY\_FLOOR> and on the <<TERRAIN\_SLOPE>> of the <BEACH>."
- GEOMORPHIC\_DEPTH: Remove "; if not obtainable, the mean << DEPTH>> is used", and add as a second sentence "If not obtainable, the mean << DEPTH>> is used."
- NULL: The second sentence should read "This attribute is provided for information processing applications."

Rationale: Correct grammar.

**SEDRIS\_E012**: Correct the grammar and/or punctuation in the definitions of the following EAs which specify constrained string values as follows.

- BEARING\_AND\_RECIPROCAL, CYCLE\_DATE: In the second sentence, change "Formatted" to "The value is formatted".
- CALENDAR\_DATE, LIGHT\_VISIBILITY\_RANGES, TIME\_PERIOD: Change ";" to ". The value is".
- INTERCHANGE\_TRAVERSABILITY: In the fourth sentence, change "Formatted" to "The value is formatted".
- NATIONAL\_PAINT\_SCHEME: In the second sentence, change "The values are specified" to "The format and values are specified".

- PRIMARY\_OPERATING\_AGENCY\_IDENTIFIER, WMO\_STATION\_IDENTIFIER: Change "; formatted" to ". The value is formatted".
- SIGNAL\_LIGHT\_CHARACTER: In the second sentence, change "This information" to "The value".
- SIGNAL\_LIGHT\_PATTERN: In the second sentence, change "The pattern" to "The value".
- VEHICLE\_MARKING: In the second sentence, change "The marking" to "The value".

<u>Rationale</u>: Consistency of style for EAs that specify CONSTRAINED\_STRING values; improved grammar and punctuation.

**SEDRIS\_E013**: Correct the definitions of the following EAs as follows to address issues with semicolon usage.

- COLOURATION: Change "; where" to ". Where".
- DIRECTIONAL\_HEMISPHERICAL\_REFLECTIVITY,
  HEMISPHERICAL\_DIRECTIONAL\_REFLECTIVITY,
  HEMISPHERICAL\_HEMISPHERICAL\_REFLECTIVITY,
  INTEG\_DIRECTIONAL\_HEMISPHERICAL\_REFLECTIVITY,
  INTEG\_HEMISPHERICAL\_HEMISPHERICAL\_REFLECTIVITY,
  SHIPPING\_NOISE\_MEASUREMENT\_STATUS, SHIPPING\_NOISE\_STD\_DEV:
  In the final sentence, replace the semicolon with a comma.
- LARGE\_TANKER\_DENSITY, MERCHANT\_VESSEL\_DENSITY: Change ";" to " and".
- ROW DISTANCE: Change "; " to ". This".

Rationale: Correct grammar.

**SEDRIS\_E014**: In the definition of EA GTRS\_GEOTILE, correct all occurrences of a degree symbol followed by an extraneous lowercase 'o' to the degree symbol. Rationale: Correcting typographical errors.

**SEDRIS\_E015**: For each of the following EEs, add appropriate label-text before the period in the first sentence of the definition (of the form '; *label-text*').

- EE ERR\_CORRECTION\_SUSPECT for EAs ATM\_PRESSURE\_CHANGE\_QUALITY, ATM\_PRESSURE\_QUALITY, DEW\_POINT\_QUALITY, PRESSURE ALTIMETER QUALITY
- EE MISS\_SUBST\_SUSPECT for EAs ATM\_PRESSURE\_CHANGE\_QUALITY, ATM\_PRESSURE\_QUALITY, DEW\_POINT\_QUALITY, PRESSURE\_ALTIMETER\_QUALITY
- EE NONE ADJACENT for EA ROAD LANE ADJACENCY
- EE NONE\_ALLOWED for EAs ROAD\_LANE\_PASSING, ROAD\_LANE\_TURN
- EE NONE\_PRESENT for EAs AIRCRAFT\_ICING\_TYPE,

BELOW\_STATION\_CLOUD\_COVERAGE, CABLE\_TYPE, CAMOUFLAGE\_TYPE, CONTRAIL\_PERSISTENCE, EXTERIOR\_WALL\_FORTIFICATION, EXTERNAL\_WINDOW\_COVERING, HAZARDOUS\_GAS\_TYPE, HIGH\_CLOUD\_GENUS, LOW\_CLOUD\_GENUS, LOWEST\_CLOUD\_COVER\_CATEGORY, MIDDLE\_CLOUD\_GENUS, MOORING\_FACILITY\_TYPE, MULTIPASS\_SURFACE\_DEGRADATION, NAVIGATION\_SYSTEM\_TYPE, OBSCURANT\_TYPE, RAILING\_TYPE, ROOF\_SHEATHING\_TYPE, SEA\_ICE\_TYPE, SNOW\_DEPTH\_CATEGORY, VEHICLE SMOKE TYPE

- EE PARTIAL\_OBSCURATION for EAs BELOW\_STATION\_CLOUD\_COVERAGE, LOWEST\_CLOUD\_COVER\_CATEGORY, TOTAL\_CLOUD\_COVER\_CATEGORY
- EE UNCONSTRAINED for EAs AVIATION\_LOCATION\_ID\_VALUE\_SET, COUNTRY\_ID\_VALUE\_SET, NATIONAL\_PAINT\_SCHEME\_VALUE\_SET
- EE FROM\_WTRBODY\_FLOOR for EA ACOUSTIC\_REFLECTION\_TYPE
- EE CLOUD\_OBSERVATION for EA ATM\_CEILING\_METHOD
- EE STEADY\_PRESSURE\_EQUAL for EA ATM\_PRESSURE\_CHANGE\_TENDENCY\_CATEGORY
- EE STATION\_ALTIMETER\_SETTING for EA ATM\_VERTICAL\_REFERENCE
- EE INDIVIDUAL for EA BALCONY CONFIGURATION
- EE PASSING for EA BRANCH\_RAILWAY\_TYPE
- EE OPENING for EA BRIDGE STRUCTURE TYPE
- EEs COMMERCE, COMMERCE\_OR\_RECREATION, COMMUNITY\_CENTRE, NONE\_IMPORTANT for EA BUILDING\_FUNCTION
- EEs SWIMMING, YACHTING for EAs BUOY TYPE, MARINE MARK TYPE
- EE VARIABLE\_AMOUNT for EA CLOUD\_CHARACTERISTIC
- EEs US\_FIPS\_CTRY\_CODE, US\_FIPS\_CTRY\_NAME,
   US\_FIPS\_PRIN\_ADMIN\_DIVISION\_CODE, UN\_CTRY\_NAME for EA
   COUNTRY\_ID\_VALUE\_SET
- EE ISO for EAs DATE\_FORMAT, DATE\_TIME\_FORMAT, TIME\_FORMAT, TIME\_PERIOD\_FORMAT
- EE NON\_IALA for EAs AID\_TO\_NAVIGATION\_MARK\_SYSTEM, AID\_TO\_NAVIGATION\_SYSTEM\_TYPE
- EEs ALTERNATE, PRIMARY, SUPPLEMENTARY for EA FIGHTING\_POSITION\_TYPE

- EE NO\_FRONT\_PRESENT for EA FRONT\_AND\_AXIS\_REFERENCE
- EE CIRCULATING for EA HALLWAY\_TYPE
- EEs MINEFIELD\_PERIMETER, OVERHEAD\_OBSTRUCTION for EA HAZARD\_MARKER\_TYPE
- EEs CIRRUS\_gt45\_ARC\_DEGREE, CIRRUS\_le45\_ARC\_DEGREE for EA HIGH\_CLOUD\_TYPE\_OBSERVED
- EE POLICE FORCE for EA HUMAN FUNCTION, HUMAN ROLE
- EE MIXED\_CONCRETE\_ASPHALT, UNGRADED for EA LAND TRANSPORTATION ROUTE SURFACE TYPE
- EE CENTRE\_SOLID for EA LANE\_MARKING\_TYPE
- EE INADEQUATELY\_SURVEYED for EA LOCATION\_ACCURACY\_METHOD
- EEs BIRD\_SANCTUARY, DEEP\_DRAFT\_ANCHORAGE, DRILLING\_PRHBT,
   EXPLOSIVE\_ANCHORAGE, UNSURVEYED for EA MARINE\_REGION\_TYPE
- EE ALTERNATE\_1 through EE ALTERNATE\_9 for EAs
- MILITARY\_FORCE\_ALLEGIANCE, MINE\_ALLEGIANCE
- EE BULK\_STORAGE for EA MILITARY\_USE
- EE NEUTRAL for EA MINE ALLEGIANCE
- EE ACOUSTIC\_TRANSPARENCY, AUTOMATIC\_MINE\_BURIAL for EA MINE\_ANTI\_HUNTING\_TYPE
- EE DRIFTING for EA MINE CAPABILITY TYPE
- EE AERIAL\_AND\_ARTILLERY\_DELIVERED for EA MINEFIELD\_DELIVERY\_METHOD
- EE OBSTRUCTOR for EA MINE\_SPECIAL\_CAPABILITY\_TYPE
- EE TROPOSPHERIC for EA OBSCURANT\_TYPE
- EEs TUNNEL\_WITH\_PATH, TUNNEL\_WITHOUT\_PATH for EA PEDESTRIAN\_TRAVERSABILITY
- EEs APRIL\_CLOSED, AUGUST\_CLOSED for EA PERIODIC\_RESTRICTION\_TYPE
- EE VERTICAL STRUCTURE for EA POINT OBJECT TYPE
- EEs SOLAR, TIDAL for EA POWER\_PLANT\_TYPE
- EE OPEN\_TERRAIN for EA PREDOMINANT\_SURROUND\_TYPE
- EEs LIQUID\_PRECIP\_FREEZING, LIQUID\_PRECIP\_NOT\_FREEZING for EA PRECIPITATION\_TYPE
- EEs FOG PRESENT, FOG PREVIOUS HOUR for EA

- PRESENT\_WEATHER\_TYPE\_AUTOMATED
- EE PRECIP\_gt\_5r0\_KM for EA PRESENT\_WEATHER\_TYPE\_MANUAL
- EE BLOWING\_SNOW\_INDETERMINATE for EA PRESENT\_WEATHER\_TYPE\_SPECIAL
- EE FIRST\_YEAR\_ICE for EA PRIMARY\_MATERIAL\_TYPE
- EEs EARTHEN\_WORKS, FROZEN\_WATER for EA RADAR\_SIGNIFICANCE\_FACTOR
- EE LOGGING for EA RAILWAY TYPE
- EEs DIGITIZING, DISTRIBUTED, DRAWN for EA RECORDING\_DATE\_TYPE
- EEs NON\_BUDDHISM, NON\_CHRISTIANITY, NON\_HINDUISM, NON\_ISLAM, NON\_JUDAISM for EA RELIGIOUS\_DESIGNATION
- EE SMOOTH for EA ROOF\_PREDOMINANT\_PATTERN
- EE DOMED for EA ROOF\_STYLE
- EE ARCHED for EA ROOM\_CEILING\_SHAPE
- EE LOCALIZER for EA RUNWAY\_POINT\_ABEAM\_TYPE
- EE SANDY for EA SHORELINE\_TYPE
- EE HOT\_SPRING for EA SPRING\_TYPE
- EE WARMED\_PASSIVELY for EA SECONDARY\_SURFACE\_THERMAL\_CONDITION
- EEs COMPOSITE\_ge\_50\_PCT\_PERMANENT, NON\_TREED\_VEGETATION, SAND\_WAVE, VEGETATED\_WETLAND for EA SURFACE\_MATERIAL\_TYPE
- EEs CUBIC, CYLINDER\_PEAKED, CYLINDER\_PEAKED\_WITH\_TOWER, CYLINDER\_WITH\_DOMED\_TOP, SPHERICAL\_WITH\_COLUMNS, WITH RADOME for EA STRUCTURE SHAPE
- EEs SPHERE\_OVER\_RHOMBUS, TRAPEZIUM\_DOWN, TRAPEZIUM\_UP for EA TOPMARK TYPE
- EE ELECTRICITY for EA TOWER TYPE
- EE WIDELY\_SPACED\_BUILDINGS for EA URBAN\_TERRAIN\_ZONE\_TYPE
- EE OIL EXPLORATION for EA USAGE
- EEs AGRI\_SCATTERED\_FORESTS, AGRI\_SCATTERED\_TREES, MIXED\_TREES, SYSTEMATIC\_MIXED\_PLANTING, WITH\_TREES for EA VEGETATION\_TYPE
- EEs BENCH, CANYON LAND, NONE IDENTIFIED, RISE for EA

# WATERBODY\_FLOOR\_MORPHOLOGY

- EE SEA\_STATE\_NOISE for EA WATERBODY\_PROPERTY\_SET\_ACOUSTIC\_TYPE
- EE MODEL\_BASED for EA
   WATERBODY\_SURFACE\_DATA\_OBSERVATION\_METHOD
- EEs NON\_POTABLE, TREATABLE for EA WATER\_QUALITY
- EE MISSED\_APPROACH\_POINT for EA WAYPOINT\_TYPE

Rationale: Compliance with the label formation rules in Clause 10.

**SEDRIS\_E016**: For each of the following EEs, correct the definition as specified so that the label-text will correspond to the label, and the additional information currently combined with the label-text will appear as a separate sentence.

- The EEs of EA SATELLITE\_NAME The definition of each of these EEs currently ends with label-text of the form "planet-name Roman-numeral, or actual-label". For each definition, remove "planet-name Roman-numeral, or" and add as a second sentence "actual-label is also known as planet-name Roman-numeral".
- EE SQUARED for EA AID\_TO\_NAVIGATION\_COLOUR\_PATTERN:
   Remove " or checker plate" and add as a second sentence "This pattern is also known as checker plate."
- EE LIGHT\_CLAD\_WOOD\_FRAME for EA BUILDING\_CONSTRUCTION\_TYPE: Remove " or balloon frame". Add as final sentence "This type of construction is also known as balloon frame construction."
- EEs UV\_A, UV\_B, UV\_C for EM\_BAND Remove the abbreviation in parentheses, with its parentheses, from the label-text, and add a second sentence of the form 'This band is also known as *abbreviation*.'
- EE STRIP for EA EA EXTRACTION MINE TYPE:
- Remove "or surface". Add as a second sentence, "Strip mining is also known as surface mining."
- EE NEOHINDUISM for EA HINDUISM\_DENOMINATIONAL\_FAMILY: Remove "Reform Hinduism or " and add as a second sentence "This sect of Hinduism is also known as Reform Hinduism."
- For EA ISLAMIC\_DENOMINATIONAL\_FAMILY
  - EE ISMAILI: Remove " or Seveners". Add as a second sentence, "This sect of Islam is also known as the Seveners."
  - EE ITHNA\_ASHARI:
     Remove "Ashari," and "or Twelvers". Add as a second sentence, "This sect of Islam is also known as the Ashari or the Twelvers."
  - o EE NATION OF ISLAM:

Remove ", Black Muslims" from the first sentence. In the second sentence, add ", which is also known as the Black Muslims," after "Islam".

# o EE ZAYDI:

Remove " or Fivers". Add as a second sentence, "This sect of Islam is also known as the Fivers."

# For EA JUDAISM DENOMINATIONAL FAMILY

# o EE ASHKENHAZI:

Remove "; Yiddish-speaking" and ""German-rite" Judaism', and add as a second sentence 'This sect of Judaism, which is also known as "German-rite" Judaism, is Yiddish- speaking.'

#### o EE ORIENTAL

Remove "Arabic speaking, now mostly in Israel". Add as a second sentence "This sect of Judaism is Arabic speaking, and is now mostly in Israel."

#### o EE SEFARDI:

Remove "; speaking Arabic, Persian, and Aramaic" and remove ", Shepardi, or "Spanish-rite" Judaism". Add as a second sentence "This sect of Judaism, which is also known as Shepardi or as "Spanish-rite" Judaism, is Arabic-, Persian-, and Aramaic-speaking."

- EE PRESSURE for EA MINE\_INFLUENCE\_ACTUATION: Remove 'or "hydrostatic actuation", and add as a second sentence 'Pressure actuation is also known as "hydrostatic actuation".'
- EE YORUBA for EA RELIGIOUS\_DESIGNATION: Remove '; includes Santeria and Voodoo', and add as a second sentence 'Yoruba includes Santeria and Voodoo.'
- EE SEA for EA SEA\_ICE\_TYPE: Remove the text after the semicolon, and add as a second sentence 'Sea <ICE> is generally any <ICE> in the sea.'
- EE INDIAN\_SPRING\_LOW\_WATER for EA SOUNDING\_DATUM\_TYPE: Remove 'or Indian tidal plane'. In the second sentence, insert ', which is also known as Indian tidal plane,' after 'This <<TIDAL\_DATUM>>'.
- EEs SYSTEMATIC\_DECIDUOUS\_PLANTING, SYSTEMATIC\_EVERGREEN\_PLANTING for EA VEGETATION\_TYPE: Replace the text after the semicolon with appropriate label-text, and add as a second sentence 'This vegetation type' followed by the text removed from the first sentence.
- EE SALVAGE for EA VESSEL\_FUNCTION: Remove the text after the semicolon, and add as a second sentence 'Such <VESSEL>s are commonly tugboats fitted with special <PUMP>s, lifting gear, and diving gear.'

<u>Rationale</u>: These alternate names were specified as part of the label-text at the end of the definition. These changes preserve that information while complying with the label formation rules of clause 10.

**SEDRIS\_E017**: For each of the following EEs, correct the definition as specified to comply with the label formation rules.

- EEs ELF, ELF, HF, LF, MF, RF, SHF, SLF, UHF, ULF, VHF, VLF for EA EM\_BAND: Remove the abbreviation in parentheses from the label-text.
- EE INTERM for EA HYPSOGRAPHIC\_PORTRAYAL\_TYPE: In the first sentence, change 'intermediate contour' to 'intermediate'.
- EE INTERMITTENT for EA INLAND\_HYDROLOGIC\_PERSISTENCE: Change "non- perennial" to "intermittent".
- EE HANBALITE for EA ISLAMIC\_DENOMINATIONAL\_FAMILY: Change 'Hanabalite' to 'Hanbalite'.
- For EA PRIMARY\_ENTRANCE\_LOCATION, all EEs with labels beginning with "BACK\_": Add "(back)" after "rear".
- For EA MARINE REGION TYPE
  - o ECOLOGICAL\_RESERVE: Change "ecological preserve" to "ecological reserve".
  - o SAFETY ZONE: Change "; special " to "; safety zone. Special".
  - o TRAWLING\_PRHBT: Change "not permitted" to "prohibited".
- EE AMMUNITION\_SUPPLY for EA MILITARY\_USE: Change "ammunition supply point" to "ammunition supply".
- EE ANTI\_RECOVERY, EE ANTI\_WATCHING for EA
   MINE\_SPECIAL\_CAPABILITY\_TYPE: In the label-text, change "anti" to "anti".
- EE TILT\_ROD for EA MUNITION\_FUSE\_TYPE: Change "tile" to "tilt".
- EE CHAIKA for EA NAVIGATION\_SYSTEM\_TYPE: Change 'Chiaka' to 'Chaika'.
- EE MARINE\_ENVIRONMENT for EA OBJECT\_SET\_TYPE: Change "; marine limit" to "; marine environment".
- EE EARTHEN\_WALL for EA PARAPET\_TYPE: Change "; earthen" to "; earthen wall".
- EA PRESENT\_WEATHER\_TYPE\_AUTOMATED: Change the first occurrence of 'past hour' to 'past (previous) hour'.
  - DRZL\_NF\_PREV\_HOUR, FRZ\_RAIN\_DRZL\_PREV, PRECIP\_PREV\_HOUR, RAIN\_NF\_PREV\_HOUR, SNOW\_PREV\_HOUR, THND\_PREV\_HOUR
- EA PRESENT\_WEATHER\_TYPE\_MANUAL: Change the first occurrence of 'past hour' to 'past (previous) hour'.
  - DRZL\_PREV\_HOUR, FOG\_OR\_ICE\_FOG\_PREV\_HOUR, FRZ\_RAIN\_DRZL\_PREV\_HOUR, FUNNEL\_CLD\_PREV\_HOUR\_NO\_PRECIP, HAIL\_OR\_RAIN\_SHOWERS\_PREV\_HOUR, RAIN\_PREV\_HOUR, RAIN\_SHOWERS\_PREV\_HOUR, RAIN\_SNOW\_ICE\_PREV\_HOUR,

# SNOW\_PREV\_HOUR, SNOW\_RAIN\_SHOWER\_PREV\_HOUR, SQUALLS\_IN\_SIGHT\_NO\_PRECIP, THND\_PREV\_HOUR

- EA PRESENT\_WEATHER\_TYPE\_SPECIAL EE
   VOLCANIC\_ASH\_DEPOSITION: Add "deposition" before the period.
- EE NONE\_REPORTED for EA SECONDARY\_MATERIAL\_TYPE: Change 'No secondary material type' to 'None'.
- EEs BRUSH\_LAND\_MEDIUM\_TO\_DENSE, BRUSH\_LAND\_OPEN\_TO\_MEDIUM for EA VEGETATION\_TYPE: Change "brushland" to "brush land".
- EE TUNDRA\_BUSH\_SCRUB for EA VEGETATION\_TYPE: Change 'shrub' to 'scrub'.
- EE WGS\_1984\_GEOID and EE WGS\_1984\_ELLIPSOID for EA
   VERTICAL\_DATUM\_IDENTIFIER: In definitions, change instances of "84" to 1984".
- For EA WATERBODY PROPERTY SET ACOUSTIC TYPE:
  - o ACTIVE\_HIGHLIGHT: Change "active highlights" to "active highlight".
  - o SIGNAL: Change "acoustic signal" to "signal".

Rationale: Compliance with label formation rules in clause 10.

**SEDRIS\_E018**: For each of the following EEs, correct the definition by removing the text between the two semicolons, as well as removing one semicolon, and adding that text to form a second sentence.

- EA BUILDING\_CONSTRUCTION\_TYPE EEs
   AGGREGATE\_CLAD\_STEEL\_FRAME, BOX\_WALL\_CNCRT\_MASS,
   BRICK\_CLAD\_STEEL\_FRAME, BRICK\_CLAD\_WOOD\_FRAME,
   FABRIC\_TENSILE\_FRAME, GEODESIC\_FRAME,
   GLASS\_CLAD\_STEEL\_FRAME, HALF\_TIMBERED\_WOOD\_FRAME,
   HEAVY\_CLAD\_STEEL\_FRAME, LIGHT\_CLAD\_STEEL\_FRAME,
   LIGHT\_CLAD\_WOOD\_FRAME, METAL\_CLAD\_STEEL\_FRAME,
   PLASTIC\_CLAD\_STEEL\_FRAME, STUCCO\_CLAD\_WOOD\_FRAME,
   TILT\_UP\_CNCRT\_MASS, WOOD\_CLAD\_WOOD\_FRAME
- EA DOMINANT\_BREAKER\_TYPE EEs SPILLING, SURGING
- EA EXISTENCE STATUS EEs ALTERNATE, CONTROLLED
- EA\_LAND\_ROUTE\_TYPE EEs PRIMARY\_ROAD, SECONDARY\_ROAD, SUPERHIGHWAY\_TRAIL
- EA NAVIGATION SYSTEM TYPE EE OMEGA
- EA OIL\_BARRIER\_TYPE EE OIL\_RETENTION\_PIPE
- EA THUNDERSTORM\_INTENSITY EEs HEAVY, LIGHT, MODERATE

• EA URBAN\_TERRAIN\_ZONE\_TYPE - EE ATTACHED\_6

Rationale: Compliance with label formation rules in clause 10.

**SEDRIS\_E019**: In the definitions of the following EEs of EA ECOSYSTEM\_TYPE, correct all occurrences of "C3" to "C<sub>3</sub>" and correct all occurrences of "C4" to "C<sub>4</sub>".

 COOL\_GRASSES\_AND\_SHRUBS, DRY\_TROPICAL\_WOODS, HOT\_MILD\_GRASSES\_SHRUBS, RICE\_PADDY\_AND\_FIELD, WOODY\_SAVANNA

Rationale: Use correct formatting for the names of these types of photosynthesis.

**SEDRIS\_E020**: In the definition of EA ECOSYSTEM\_TYPE EE DRY\_TROPICAL\_WOODS, remove the ':='.

Rationale: Correct typographical error.

**SEDRIS\_E021**: In the definition of EA ECOSYSTEM\_TYPE EE

MEDITERRANEAN\_SCRUB, change 'includ:' to 'include'.

Rationale: Correct typographical error.

**SEDRIS\_E022:** For each of the following EEs, correct the definition by moving the semicolon and label-text from the end of the final sentence to the end of the first sentence.

- EE ODALS for EA AERONAUTICAL\_LIGHT\_TYPE
- EE BUOYANT for EA MARINE\_BEACON\_SHAPE

<u>Rationale</u>: Compliance with the label formation rules in Clause 10.

**SEDRIS\_E023**: Correct the definitions of the following EEs as follows.

- EEs HAZE\_VISIB\_ge\_1r0\_KM, VISIB\_ge\_1r0\_KM\_BLOWING\_DRFT\_SNOW\_SAND for EA PRESENT\_WEATHER\_TYPE\_AUTOMATED: Change "equal to, or greater than," to "greater than or equal to".
- EE SNOW\_ge\_64r0\_CMPH for EA PRESENT\_WEATHER\_TYPE\_SPECIAL: Change "64,0 centimetres per hour or more" to "greater than or equal to 64,0 centimetres per hour".
- EE RAIN\_ge\_64r0\_MMPH for EA PRESENT\_WEATHER\_TYPE\_SPECIAL: Change '64,0 millimetres per hour or more' to 'greater than or equal to 64,0 millimetres per hour'.

<u>Rationale</u>: Compliance with the label formation rules of clause 10. Comparison operators are being expressed in the label that are not actually present in the definition, but only implied.

**SEDRIS\_E024**: Correct the definitions of the following EA AIRSPACE\_TYPE EEs and EA ATS\_USE\_TYPE EEs as specified.

- EA\_AIRSPACE\_TYPE EE MLTRY\_CLIMB\_CORRIDOR: Remove supplemental reference [AR310]. In definition, remove insert '[AR310, "military climb corridor"]' before the period.
- EA ATS\_USE\_TYPE

- o EE TRAFFIC\_INZ: Change 'information zone' to '<ABRV>INZ</ABRV>'.
- o EE UPPER\_FLIGHT\_INR: Change "flight INR" to <<< FLIGHT\_INR>>>".

<u>Rationale</u>: Consistency between the definitions of the EEs of EA AIRSPACE\_TYPE and those of EA ATS\_USE\_TYPE. Cite the source of the wording for the definition of 'military climb corridor' in the correct manner.

**SEDRIS\_E025**: Correct the definitions of the following EEs as follows to address issues with punctuation.

- EE UNSPECIFIED\_FIXED for EA BRIDGE\_SPAN\_TYPE: Add a comma after "Fixed".
- EEs ITALIAN\_WW\_I\_MERCHANT\_LOSSES, ITALIAN\_WW\_I\_NAVAL\_LOSSES for EA NON\_SUB\_CONTACT\_SOURCE: Change " ", to ", ".
- EE FIRING\_IN\_HARDSTAND for EA USAGE: Change "Firing in" to "Firing-in". Rationale: Compliance with the label formation rules of clause 10. Correct punctuation.

**SEDRIS\_E026**: In the definition of EA PRESENT\_WEATHER\_TYPE\_MANUAL EE SL\_MOD\_THND\_HAIL, 'Both a' to 'A'.

Rationale: Remove extraneous text.

#### Annex G

**SEDRIS\_E027**: Where applicable, hyperlink the abbreviated terms in the tables of Annex G to terms in table 3.3.

Rationale: The hyperlinks were accidentally removed during the preparation of the draft.

# **Technical Comments**

# Clause 2

**SEDRIS\_T001**: Rename the 'Reference' column to 'Bibliographic entry'.

<u>Rationale</u>: Improved clarity, as this change will result in less overloading of the term 'reference'. There are related comments against I.10 and the Bibliography.

#### Clause 3

**SEDRIS\_T002**: In Table 3.3, correct the following abbreviations' abbreviated terms as specified.

- GCA, Ground Controlled Approach
- GCI, Ground Controlled Intercept

<u>Rationale</u>: The abbreviated term in Table 3.3 was inconsistent with Annex G's abbreviated term for the same abbreviation, and Annex G was using the more common form of the abbreviated term.

**SEDRIS\_T003**: Add the following abbreviations to Table 3.3, and update the concept definitions to hyperlink occurrences of these abbreviations to the appropriate term in clause 3.

- ABS, Acrylonitrile Butadiene Styrene
  In clause 6, EA PIPE\_MATERIAL\_TYPE EE ABS\_PLASTIC, hyperlink 'ABS' to the
  appropriate term in table 3.3.
- PVC, PolyVinyl Chloride In clause 6, EA PIPE\_MATERIAL\_TYPE EE PVC, hyperlink 'PVC' to the appropriate term in table 3.3.
- USS, United States Ship
   In clause 6, in the definitions of EA PATROL\_CRAFT\_TYPE EEs
   ALFEREZ\_SOBRAL\_SOTOYOMO\_CLASS, BARNEGAT\_CLASS, CANNON\_CLASS, IRIGOYEN\_CLASS, MALVAR\_CLASS, RIZAL\_CLASS, hyperlink 'USS' to the appropriate term in table 3.3.

Rationale: Missing abbreviations from table 3.3 that are used in concept definition text.

# Clause 5

**SEDRIS\_T004**: For each of the following ECs, update the definition as follows.

- CURB: Add as a second sentence, "A curb is also known as a kerb."
- MOTEL: Add as second sentence 'A motel is also known as a motor court or motor lodge.'
- RAIL\_WAGON: Add as a second sentence, "In the <ABRV>US</ABRV>, a rail wagon is known as a railroad car."
- RAILWAY: Add as a second sentence, "In the <ABRV>US</ABRV>, a railway is known as a railroad."

<u>Rationale</u>: Edition 1 previously mentioned these alternate names as part of the label-text at the end of the definition. These changes preserve that information while complying with the label formation rules of clause 10.

**SEDRIS\_T005**: In the definitions of the following ECs, change "average" to "mean":

NEAP\_TIDE, SPRING\_TIDE, WATER\_CURRENT\_PROPERTY\_SET

Rationale: Consistency.

**SEDRIS T006**: In the definition of EC ZOO, correct "or" to "and/or".

Rationale: Correct use of conjunctions.

**SEDRIS\_T007**: In the definition of EC STADIUM, change "a <TRACT> used for athletic sports" to "an <ATHLETIC\_FIELD>".

Rationale: Consistency; use of appropriate EDCS concepts.

**SEDRIS\_T008**: In the definitions of the following ECs, change "<FACILITY>s" to "facilities":

• AIRFIELD, AIRSTRIP, SCENIC LOOKOUT, WATER GATHERING REGION

<u>Rationale</u>: The intended sense of the word is more limited, and is not that for which <FACILITY> is defined.

**SEDRIS\_T009**: In the definitions of the following ECs, correct "<SEA>" to "sea":

AIRCRAFT\_CARRIER, SHORE\_PROTECTION\_STRUCTURE

Rationale: The intended sense of the word is not that for which <SEA> is defined.

**SEDRIS\_T010**: In the definition of <MOTOR\_VEHICLE>, remove "and operating principally on <LAND>".

<u>Rationale</u>: Information is already provided by the definition of <GROUND\_VEHICLE>, which is used to define <MOTOR\_VEHICLE>.

**SEDRIS\_T011**: For each of the following ECs, which currently cite FACC, correct the definition as specified in order to reflect corrections made in DFDD (the current reference). Update the definition to reference DFDD, where appropriate, as the source of the wording.

- AVIATION\_WAYPOINT: Change definition to 'A specified geographical <LOCATION> used to define an area navigation <ROUTE> or the flight path of an <AIRCRAFT> employing area navigation; aviation waypoint [IAN4, "waypoint"].'
- CONTACT\_ZONE: Change "on one side" to "on the water side", and change the reference to [DFDD, Feature Dictionary: FA041].
- CULVERT: Change definition to "An enclosed channel for carrying a
   <WATERCOURSE> (e.g. a <RIVER>, a <SEWER>, or a drain) under a <ROUTE> (e.g. a <ROAD>, a <RAILWAY>) or an <EMBANKMENT>; culvert [DFDD, Feature Dictionary: AQ065]. Usually the construction of the <ROUTE> is unaffected."
- PETROLEUM\_FACILITY: Change definition to "A <FACILITY> involved in the production or distribution of <PETROLEUM>, oil, and/or natural gas products [DFDD, Feature Dictionary: AC040]."
- RUNWAY: Change definition to 'A defined rectangular <TRACT>on an
   <AIRPORT>, prepared for the landing and take-off of <AIRCRAFT>; runway
   [IAN14, "runway"].'
- SEAPLANE\_BASE: Change definition to "An <AERODROME> intended to be used either wholly or in part for the arrival, departure, and movement of <SEAPLANE>s on a <WATERBODY\_SURFACE>; seaplane base."
- STORAGE\_DEPOT: Change definition to "A <TRACT> used for the storage of products and/or supplies; storage depot [DFDD, Feature Dictionary: AM010]."
- TAXIWAY: Change definition to 'A defined path on an <AIRPORT> established for the taxiing of <AIRCRAFT> and intended to provide a link between one part of the <AIRPORT> and another; taxiway [IAN14, "taxiway"].'
- VEHICLE\_SCALE: In the definition, change "<GROUND\_VEHICLE>s" to

- "<MOTOR\_VEHICLE>s", remove ", which is usually located alongside a <ROAD>," and insert [DFDD, Feature Attribute Dictionary, TFC:16] before the period.
- VOLCANIC\_DYKE: Change the definition to 'A sheet of <ROCK> filling a fissure, sometimes showing as a <RIDGE>; volcanic dyke [SOED, "dyke", n. 10.b.].'
- VOLCANO: In the definition, change "often conical, formed around a vent in the
- <TERRAIN>" to "situated over one or more openings in the <TERRAIN>". Change "molten <ROCK>, ash" to "lava, cinders, steam". Insert [SOED, "volcano", n1] before the period.
- WATER\_GATE: In definition, change "entrance or <WATERBODY\_ROUTE> on a <WATERBODY>" to "entrance or passageway on a <WATERBODY> (e.g. on a <WATERCOURSE>)", and insert [DFDD, Feature Dictionary: BI041] before the period.
- WATER\_INTAKE: In definition, change "<SITE>" to "place", remove "generally to supply an <AQUEDUCT> or <WATER\_TREATMENT\_FACILITY>" and insert [DFDD, Feature Dictionary: BH011] before the period. Add as a second sentence, "The purpose of a water intake may be to supply an <AQUEDUCT> or <WATER\_TREATMENT\_FACILITY>."
- WATERBODY\_BOOM: Change definition to "A floating <BARRIER> used to protect a <WATERBODY\_REGION> or to create a sheltered
   <WATERBODY\_SURFACE\_REGION> for storage purposes; waterbody boom [DFDD, Feature Dictionary: BD123]."
- WATERBODY\_PARTITION: Change definition to "A solid <MAN\_MADE\_OBJECT> subdividing a <WATERBODY>; waterbody partition [DFDD, Feature Dictionary: FC035]. EXAMPLES An artificial earthen <EMBANKMENT> subdividing a pond or rice paddy."
- WELL: In the definition, change "liquids or gases" to "liquids and/or gases", and before the period, insert [DFDD, Feature Dictionary: AC040].
- WIND\_INDICATOR: Change definition to "A <WIND>-actuated <DEVICE> indicating visually <<WIND\_DIRECTION>> and/or <<WIND\_SPEED> information for the surface <WIND>; wind indicator [DFDD, Feature Dictionary: GB080]".

<u>Rationale</u>: Compliance with the current references and correctness. In the case of SEAPLANE\_BASE, this is the water-specific version of an aerodrome, and the wording is derived from that of the ICAO definition of an aerodrome, which is cited already by <AERODROME>. The concepts citing SOED as the source of the wording do so because DFDD used SOED as the source of their wording.

**SEDRIS\_T012**: Change label of EC ARCHAELOGICAL\_SITE to "ARCHAEOLOGICAL\_SITE".

<u>Rationale</u>: Correct spelling. The label-text in the definition already uses the correct spelling.

**SEDRIS\_T013**: In the definition of EC BAMBOO, change "<PLANT>" to "<GRASS>". Rationale: This kind of plant is not just any kind of plant, but of grass species.

**SEDRIS\_T014**: In the definition of EC BARN, change "hay, grain" to "crops (e.g., hay, grain)".

Rationale: The list is not intended to be exhaustive, but is given as examples of crops.

**SEDRIS\_T015**: In the definition of EC ESCARPMENT, correct "<LAND>" to "<TERRAIN>". Rationale: The concept is not restricted to the context of <LAND>, but is used also for escarpments that are part of a <WATERBODY FLOOR>, e.g. for the enumerants of << WATERBODY FLOOR MORPHOLOGY>> and <<OCEAN\_FLOOR\_REGION\_NAME\_TYPE>>.

**SEDRIS T016**: Add the figure currently referenced by <MARINE LEADING LINE> as a figure for <MARINE LEADING LIGHTS LINE>. Add as its narrative text, in the context of <MARINE\_LEADING\_LIGHTS\_LINE>, 'Man made leading lights line in the Archipelago Sea. Note the solar panels used to fuel the lights. Figure provided courtesy of Wikimedia Commons.'

Rationale: The figure shows both a marine leading line and a marine leading lights line, and helps to clarify the definition of both.

**SEDRIS T017**: In the definition of EC MARINE LEADING LINE, change 'A <LINE> passing through' to 'An imaginary <LINE> connecting'. Rationale: Clarity.

#### Clause 6

**SEDRIS\_T018**: For each of the following EAs, update the definition as follows.

- ANTI\_COLLISION\_LIGHT\_INTENSITY: Add as a new final sentence "Anti-collision light intensity is also known as brake light intensity."
- FORMATION RUNNING LIGHT INTENSITY: Add as a new final sentence, "Formation, or running, light intensity is also known as tail light intensity."
- NAVIGATION\_LIGHT\_INTENSITY: Add as a new final sentence, "Navigation light intensity is also known as headlight intensity."
- SEARCH\_LIGHT\_INTENSITY: Add as a new final sentence "Search light intensity is also known as spotlight intensity or flashlight intensity."

Rationale: Edition 1 previously mentioned these alternate names as part of the label-text at the end of the definition. These changes preserve that information while complying with the label formation rules of clause 10.

**SEDRIS** T019: In the definitions of the following EAs, change "average" to "mean":

MAGNETIC\_FIELD\_A\_DAILY, MAGNETIC\_FIELD\_K\_DAILY, SOIL\_DENSITY\_DRY, SUNRISE\_TIME, SUNSET\_TIME

Rationale: Consistency. Most definitions in EDCS use the term 'mean' rather than 'average'.

**SEDRIS T020**: In the definitions of the following EAs, change "<FACILITY>s" to "facilities":

 AVAILABLE\_FACILITIES\_TYPE, FUEL\_FACILITIES\_AVAILABLE, MATERIAL\_HANDLING\_FACILITIES, STORAGE\_FACILITY\_TYPE, VEHICLE MAINTENANCE AVAILABLE

<u>Rationale</u>: The intended sense of the word is more limited, and is not that for which <FACILITY> is defined.

**SEDRIS\_T021**: In the definitions of the following EEs, correct use of "<FACILITY>s":

- EEs DISCRETE\_CLUST\_6, DISCRETE\_OPEN\_6 for EA URBAN\_TERRAIN\_ZONE\_TYPE: Change "<FACILITY>s" to "facilities".
- EE NONE\_AVAILABLE for EA VEHICLE\_MAINTENANCE\_AVAILABLE: Change 'no maintenance <FACILITY>s for <VEHICLE>s are' to 'None'.

<u>Rationale</u>: The intended sense of the word is more limited, and is not that for which <FACILITY> is defined.

**SEDRIS\_T022**: Correct the grammar in the following EA definitions as specified:

- MINE\_TRACK\_IDENTIFIER:
   Change "an <EXPLOSIVE\_NAVAL\_MINE> track" to "the track of an <EXPLOSIVE\_NAVAL\_MINE>".
- In the definitions of the following EAs, change
   "<STELLAR\_BURST\_RADIO\_FREQUENCY\_EMISSION> noise event" to "noise event associated with a <STELLAR\_BURST\_RADIO\_FREQUENCY\_EMISSION>".
  - STELLAR\_RF\_NB\_MEAN\_FLUX,
     STELLAR\_RF\_NB\_PEAK\_FLUX, STELLAR\_RF\_NB\_PERIOD,
     STELLAR\_RF\_NB\_REMARKS
  - o For the following EAs, also remove "relative to the beginning of the day (midnight)" and add ", relative to the beginning of the day (midnight)," after "time".
    - STELLAR\_RF\_NB\_MAXIMUM\_TIME, STELLAR\_RF\_NB\_START
- WAKE\_INTENSITY:

After 'production rate', insert 'on a <WATERBODY\_SURFACE>,' and change '<WATERBODY\_SURFACE> wakes' to 'wakes'.

Rationale: Compliance with the rule in clause 10 that an EC may not be used as an adjective.

**SEDRIS\_T023**: In the definition of EE SWIMMING for EAs BUOY\_TYPE, MARINE\_MARK\_TYPE, change "<VESSEL> movement" to "the movement of <VESSEL>s". Rationale: Compliance with the rule in clause 10 that an EC may not be used as an adjective.

**SEDRIS\_T024**: In the definition of EA NON\_SUB\_CONTACT\_DATE, add as a second sentence "The date is formatted as specified by <<DATE\_FORMAT>> or by

<<DATE\_TIME\_FORMAT>>."

Rationale: Explicitly specifying the constraints on the CONSTRAINED\_STRING value.

**SEDRIS\_T025**: Several EAs that are intended to specify properties of acoustic scattering layers need corrections to their definitions to explicitly specify that the frequencies they mention are acoustic frequencies. For each of the following EAs, change "frequency" to "acoustic <<FREQUENCY>>".

- HF\_ACOUSTIC\_SCTR\_LAYER\_BOTTOM\_DEPTH, HF\_ACOUSTIC\_SCTR\_LAYER\_TOP\_DEPTH, LF\_ACOUSTIC\_SCTR\_LAYER\_BOTTOM\_DEPTH, LF\_ACOUSTIC\_SCTR\_LAYER\_TOP\_DEPTH
- HF\_BOTTOM\_LOSS\_REGION\_IDENTIFIER, LF\_BOTTOM\_LOSS\_REGION\_IDENTIFIER

<u>Rationale</u>: Compliance with the label formation rules in Clause 10. Explicit specification of context in the definition of concepts.

**SEDRIS\_T026**: Correct the definitions of the following EAs to remove references to 'marine':

- MARINE\_TSS\_COMPONENT: Remove "marine" from the definition. Change the label to WATER\_TSS\_COMPONENT.
- TSS IMO ADOPTED: Remove "marine" from the definition.

Rationale: The concepts are defined in terms of <TSS\_SYSTEM> and <WATER\_TRAFFIC\_SEPARATION\_SCHEME> (TSS) which already give the necessary information.

**SEDRIS\_T027**: Correct the definitions of the following EAs as follows to use appropriate EDCS concepts.

- BUILDING\_CONSTRUCTION\_TYPE: In the second sentence, change "walls" to "<WALL>s".
- INTEG\_BIDIRECTIONAL\_REFLECTANCE\_DISTRIBUTION\_FUNCTION: In the final sentence, change "wavelength" to "<<WAVELENGTH>>" and remove "the units are solid angle, ". (The latter information is given by the EQ to which the EA is bound.)
- INTEG\_DIRECTIONAL\_HEMISPHERICAL\_REFLECTIVITY, INTEG\_HEMISPHERICAL\_HEMISPHERICAL\_REFLECTIVITY: In the final sentence, replace "wavelength" with "<<WAVELENGTH>>".
- LEFT\_TERRAIN\_BANK\_SLOPE, RIGHT\_TERRAIN\_BANK\_SLOPE: Change "bank" to "<WATERBODY BANK>".
- RUNWAY\_END\_BEARING: In the third sentence, replace "runways" with <RUNWAY>s".
- VESSEL\_DENSITY: Change "<REGION> of a <WATERBODY\_SURFACE>" to "<WATERBODY\_SURFACE\_REGION>".

Rationale: Consistency.

**SEDRIS\_T028**: For each of the following real-valued EAs bound to EQ PURE\_NUMBER, add a second sentence as follows clarifying the interpretation of the values.

- TOTAL\_CLOUD\_COVERAGE:
  - Add as a second sentence "Zero means no coverage at all and one means complete coverage."
- WIND\_GALE\_FORCE\_RATE\_CLIMATOLOGY:
   Add as a second sentence "Zero means no <<WIND\_SPEED>>s are of gale force and one means that all <<WIND\_SPEED>>s reported are of gale force."
- WIND\_VARIABLE\_FRACTION\_CLIMATOLOGY:
   Add as a second sentence "Zero means no <<WIND\_SPEED>>s are of 2,575 metres per second and one means that all <<WIND\_SPEED>>s reported are of 2,575 metres per second."

Rationale: Consistency with other EAs that express a pure number value.

**SEDRIS\_T029**: Correct the label of EA ECOSYSTEM\_TYPE to EA OLSON\_ECOSYSTEM\_TYPE. In the definition, insert 'in the Global Ecosystem Framework,' after 'ecosystem', and insert '; Olson ecosystem type' before the period. Add reference type and reference IR [GEF1].

In addition, correct the definitions and references of each of its EEs, except for EE DECIDUOUS\_TREE\_CROP and EE EVERGREEN\_TREE\_CROP, as follows:

- Update the reference with the information given in the last sentence of the definition.
- Remove the last sentence from the definition.
- Add appropriate label-text to the end of the first sentence of the definition.

In the case of EE DECIDUOUS\_BROADLEAF\_WOODS, also add the word 'Olson' to the updated reference.

Change the labels of the following EEs as specified to align with Olson ecosystem type:

- COOL\_S\_HMISPH\_MIXED\_FORESTS, DECID\_BROADLEAF\_WOODS, EVERGREEN\_FOREST\_FIELDS, S\_HMISPH\_CONIFER, SEMI\_DESERT\_SHRUBS: Change label to drop the final 'S'.
- COLD\_IRRIGATED\_CROPLAND, COOL\_IRRIGATED\_CROPLAND: In label, change
- 'CROPLAND' to 'CROPS'.
- COOL\_FOREST\_AND\_FIELD, FOREST\_AND\_FIELD,
   LAND\_WATER\_AND\_SHORE, MIXED\_FOREST\_AND\_FIELD,
   POLAR\_AND\_ALPINE\_DESERT, RICE\_PADDY\_AND\_FIELD: Change label to drop the 'AND'.
- CONIFER BOREAL FOREST, COOL CONIFER FOREST: In label, change 'FOREST'

- to 'FOREST\_WOOD'.
- BAMBOO: Change to 'BAMBOO\_WOOD\_SCRUB'.
- BARE\_COASTAL\_DUNES: Change to 'BARE\_COAST\_DUNE'.
- BEACHES\_AND\_DUNES: Change to 'BEACH\_FORE\_DUNE'.
- DECID\_BROADLEAF\_FOREST: Change to 'BROADLEAF\_FOREST'.
- COASTLINE FRINGE: Change to 'COAST HINTERLAND'.
- COMPOUND\_COASTLINES: Change to 'COMPOUND\_COAST'.
- COOL\_RAIN\_FOREST: Change to 'CONIFER\_COOL\_RAINFOREST'.
- DECID\_CONIFER\_FOREST: Change to 'CONIFER\_DECID\_WOOD'.
- CONIFER FOREST: Change to 'CONIFER EVERGREEN FOREST'.
- COOL\_CROPS\_AND\_TOWNS: Change to 'COOL\_CROP\_TOWN'.
- COOL\_BROADLEAF\_FOREST: Change to 'COOL\_DECID\_FOREST'.
- COOL\_FIELDS\_AND\_WOODS: Change to 'COOL\_FIELD\_WOOD\_SHRUB'.
- COOL\_GRASSES\_AND\_SHRUBS: Change to 'COOL\_GRASS\_HERB\_SHRUB'.
- CROPS GRASS SHRUBS: Change to 'CROP GRASS SHRUB'.
- CROPS AND TOWN: Change to 'CROP TOWN'.
- CROP\_AND\_WATER\_MIXTURES: Change to 'CROP\_WATER\_MIX'.
- CORN AND BEANS CROPLAND: Change to 'CROPS CORN BEAN'.
- DRY\_TROPICAL\_WOODS: Change to 'DRY\_TROPICAL\_WOOD\_SHRUB'.
- EVERGREEN\_BROADLEAF: Change to 'EVERGREEN\_BROADLEAF\_WOOD'.
- FIELDS\_AND\_WOODY\_SAVANNA: Change to 'FIELD\_WOOD\_SAVANNA'.
- GRASS\_CROPS: Change to 'GRASS\_AND\_CROP'.
- HOT\_MILD\_GRASSES\_SHRUBS: Change to 'HOT\_MILD\_GRASS\_HERB\_SHRUB'.
- HOT\_IRRIGATED\_CROPLAND: Change to 'HOT\_MILD\_IRRIGATED\_CROP'.
- IRRIGATED\_GRASSLAND: Change to 'IRRIGATED\_CROP\_GRASSLAND'.
- LAND\_AND\_WATER\_RIVERS: Change to 'LAND\_WATER\_RIVER'.
- LAND\_WATER\_AND\_SHORE: Change to 'LAND\_WATER\_SHORE'.
- MANGROVE: Change to 'MANGROVE\_FOREST\_SCRUB'.
- MARSH\_WETLAND: Change to 'MARSHY\_WETLAND'.
- MEDITERRANEAN\_SCRUB: Change to 'MEDITERRANEAN\_SCRUB\_WOOD'.

- DECID\_MIXED\_BOREAL\_FOREST: Change to 'MIXED\_DECID\_BOREAL'.
- MIXED\_FOREST: Change to 'MIXED\_FOREST\_WOODLAND'.
- MOIST\_EUCALYPTUS: Change to 'MOIST\_EUCALYPT\_FOREST'.
- MONTAINE\_TROPICAL\_FORESTS: Change to 'MONTAINE\_TROPICAL\_COMPLEX'.
- NARROW\_CONIFERS: Change to 'NARROW\_CONIFER\_MIX'.
- RESIDUAL\_DUNES\_BEACHES: Change to 'RESIDUAL\_DUNES\_BEACH'.
- ROCKY\_CLIFFS\_AND\_SLOPES: Change to 'ROCK\_CLIFF\_SLOPE'.
- SALT\_PLAYAS: Change to 'SALT\_SODA\_PLAYA\_BASIN'.
- SANDY\_GRASSLAND\_SHRUBS: Change to 'SAND\_GRASS\_SHRUB'.
- SAVANNA\_WOODS: Change to 'SAVANNA\_TREE\_SHRUB'.
- DRY\_WOODY\_SCRUB: Change to 'SCRUB\_WOOD\_DRY'.
- SEMI\_DESERT: Change to 'SEMI\_DESERT\_SHRUB\_TREE'.
- SMALL\_LEAF\_MIXED\_WOODS: Change to 'SMALL\_LEAF\_MIX\_WOOD'.
- SPARSE\_DUNES\_AND\_RIDGES: Change to 'SPARSE\_DUNE\_BUILDER'.
- TALL\_GRASSES\_AND\_SHRUBS: Change to 'TALLGRASS\_HERB\_SHRUB'.
- TROPICAL\_DEGRADED\_FOREST: Change to 'TROPICAL\_DEGRADED\_WOOD\_SHRUB'.
- BARREN\_TUNDRA: Change to 'TUNDRA\_BARREN\_ARCTIC'.
- UPLAND\_TUNDRA, WOODED\_TUNDRA: Change label to add suffix '\_PARAMO'.
- URBAN: Change to 'URBAN\_SUBURBAN'.
- VOLCANIC\_ROCK: Change to 'VOLCANIC\_ROCK\_ASH'.
- INLAND\_WATER: Change to 'WATER\_INLAND'.
- WATER\_AND\_ISLAND\_FRINGE: Change to 'WATER\_ISLE\_FRINGE'.
- SEA\_WATER: Change to 'WATER\_SEA'.
- WET\_SCLEROPHYLIC\_FOREST: Change label to drop 'IC'. In reference, correct spelling of 'scherophyl' to 'sclerophyl'.
- DRY EVERGREEN WOODS: Change to 'WOOD DRY EVERGREEN BROADLEAF'.
- WOODED\_WET\_SWAMP: Change to 'WOODY\_WETLAND\_SWAMP'.

<u>Rationale</u>: Clarity, and for the EEs correctness of references and compliance with label formation rules. The EA and its EEs are defined in terms of Olson ecosystem type. There are multiple ways of defining types of ecosystems which are distinct from the Olson ecosystem type, and for clarity

they should not be confused with the Olson ecosystem type.

**SEDRIS\_T030**: For each of the following EAs, which currently cite FACC or FAD, make the corrections specified in order to reflect corrections made in DFDD (the current reference). Where FAD (an older version of DFDD) is referenced, update the reference from FAD to DFDD. Update the definition to reference DFDD, where appropriate, as the source of the wording.

# EA AERODROME\_ELEVATION

Change definition to 'The <<ELEVATION>>, relative to the <ABRV>MSL</ABRV> <SURFACE\_DATUM>, of the <AERODROME\_ELEVATION\_POINT> of an <AERODROME>; aerodrome elevation [IAN14, "aerodrome elevation"]'.

At the same time, for EC <AERODROME\_ELEVATION\_POINT>, update the definition to "The highest <LOCATION> of the landing area [IAN14, "landing area"] of an <AERODROME>; aerodrome elevation point."

# • EA EDUCATIONAL\_BUILDING\_TYPE

In the definition, change "<BUILDING>" to "<FACILITY>". Change the label to 'EDUCATIONAL FACILITY TYPE'. Update reference to DFDD.

- EAs that reference FAD
  - EA ACCESS\_DIRECTION\_TYPE
     Update reference to [DFDD, Feature Attribute Dictionary: ADT].
  - EA ACCESSIBILITY\_STATUS
     Update reference to [DFDD, Feature Attribute Dictionary: ACS].
  - EA AERONAUTICAL\_FUNCTION
     Update reference to [DFDD, Feature Attribute Dictionary: AMC].

# EA AERONAUTICAL\_POINT\_FUNCTION

Update reference type and reference to [DFDD, Feature Attribute Dictionary: APC], and in definition insert "related to air traffic control" before the period.

- EA APRON\_HARD\_STANDING\_FUNCTION
   Update reference to [DFDD, Feature Attribute Dictionary: HAC].
- o EA BIDIRECTIONAL

Update reference to [DFDD, Feature Attribute Dictionary: BDS].

#### EA CONTROLLED

Change reference to [DFDD, Feature Attribute Dictionary: CNS].

# EA CONTROLLING AUTHORITY

Change definition to "The controlling authority responsible for an <OBJECT>. Controlling authorities may be distinguished by organizational level (for example: national, sub-national, or military district) and/or type (for example: private or public)." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary: CAA].

# o EA DISPLAY\_SIGN\_TYPE

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary: SIA]. In definition, insert "based on its function and/or structure" before the period.

# o EA DWELLING TYPE

Update reference to [DFDD, Feature Attribute Dictionary:DDC].

# o EA FACILITY\_COMMISSIONED\_STATUS

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary: CMS], and update definition to "The status of a <FACILITY> based on test, operation, and commissioning; facility commissioned status."

# o EA FUNCTIONAL USE

Update reference to [DFDD, Feature Attribute Dictionary: FUC]. In definition, insert "categories of" after "general", change "of an" to "that an", and insert " serves or may serve; functional use" before the period.

# o EA HISTORICAL SIGNIFICANCE

Update reference to [DFDD, Feature Attribute Dictionary:HSS]. In definition, change "historical" to "recognized historic", insert "<REGION>, <FACILITY>, and/or " before "<STRUCTURE>", and insert label-text "; historical significance" before the period.

# o EA ISOLATED

In definition, update "<OBJECT> is isolated" to "material <OBJECT> is in the open by itself, isolated from other <OBJECT>s of a similar type." Update reference to PR [DFDD, Feature Attribute Dictionary: ISS].

# o EA MARINE\_USE

Change reference to [DFDD, Feature Attribute Dictionary: MUC].

#### o EA MINE SWEPT

Change reference to [DFDD, Feature Attribute Dictionary: MSS].

#### EA MONITORED

Update reference to [DFDD, Feature Attribute Dictionary: MOS].

# EA NAVIGABLE\_STATUS

Update definition to "Information about the navigability of a <WATERBODY> by ocean-going and/or large <VESSEL>s; navigable status." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary: NVS].

# o EA PROTECTION\_SHED\_TYPE

Change reference to [DFDD, Feature Attribute Dictionary: SUC].

# EA PUBLIC ACCOMMODATION TYPE

Update definition by removing "normally" and changing "is not" to "not as". Update reference to [DFDD, Feature Attribute Dictionary: PAF].

# o EA RECOMMENDED\_TRACK

Update reference to [DFDD, Feature Attribute Dictionary: RTS].

#### EA SHORELINE DELINEATED

Update reference to [DFDD, Feature Attribute Dictionary: SHD].

# o EA SONAR\_CONFIRMATION

Update reference to [DFDD, Feature Attribute Dictionary: SCS].

# EA SURVEY\_QUALIFIER

Change label to 'SURVEY\_COVERAGE\_QUALITY'. Update definition to "A general evaluation of the coverage quality of a survey, as a category." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary: SUR].

# EA SYNCHRONIZED

Update definition to "An indication that a periodic behaviour of an <OBJECT> is synchronized with that of another <OBJECT>. EXAMPLE The members of a <SET> of flashing <LIGHT>s may flash in unison." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary: SYC].

EA UTILITY\_USE
 Update reference to [DFDD, Feature Attribute Dictionary: UUC], and remove
 'primarily' from the definition.

<u>Rationale</u>: Clarity, and consistency with FACC and DFDD. For EA EDUCATIONAL\_BUILDING\_TYPE, DFDD corrected the concept to indicate that it specifies types of facilities (e.g. EE UNIVERSITY) rather than buildings.

**SEDRIS\_T031**: For EA NON\_SUB\_CONTACT\_WRECK\_IDENTIFIER, change label to "NON SUB CONTACT IDENTIFIER".

<u>Rationale</u>: The identifier applies to any <NON\_SUBMARINE\_CONTACT> and is not defined in terms of wrecks.

**SEDRIS\_T032**: For the following EAs, change their labels to replace 'ROAD' with 'ROUTE'.

 ROAD\_LANE\_ADJACENCY, ROAD\_LANE\_CONTROL\_TYPE, ROAD\_LANE\_LIGHT\_STATE, ROAD\_LANE\_PASSING, ROAD\_LANE\_TURN

<u>Rationale</u>: The EAs are defined in terms of, and are applicable to, <ROUTE\_LANE>, which is not specific to a <ROAD> but a <ROUTE>.

**SEDRIS\_T033**: For EA SOIL\_TYPE, change the label to USCS\_SOIL\_TYPE.

Rationale: Clarity. The EA is already defined as USCS soil type.

**SEDRIS\_T034**: Update the definition of EA VEGETATION\_RESTRICTED\_SPEED to the following:

A number between 0 and 1 inclusive representing the linearly-scaled fractional restriction, due to the impact of <VEGETATION> on trafficability, of the <<SPEED>> of <GROUND\_VEHICLE>s as a fraction of maximum <<SPEED>>. Zero means no restriction (maximum <<SPEED>> on a <VEGETATION>-free <SURFACE>) and one means completely restricted.

<u>Rationale</u>: Clarity. The reference and the label mentioned the relationship with <VEGETATION>, but it was not explicit in the definition.

**SEDRIS\_T035**: Correct the label of EA WAYPOINT\_TYPE to AVIATION\_WAYPOINT\_TYPE.

<u>Rationale</u>: Clarity. The EA does not specify the type of a <WAYPOINT>, but of an <AVIATION WAYPOINT>.

**SEDRIS\_T036**: In the definitions of EEs DENSE\_FOG\_30\_60\_METRE\_VISIB, DENSE\_FOG\_60\_90\_METRE\_VISIB for EA PRESENT\_WEATHER\_TYPE\_SPECIAL, change 'greater than' to 'greater than or equal to'.

<u>Rationale</u>: These two EEs and the EE DENSE\_FOG\_lt\_30\_METRE\_VISIB should between them fully cover the range from zero metres to 90 metres.

**SEDRIS\_T037**: Change the labels of the following EEs to use the correct abbreviation(s) for the term(s) being abbreviated, as follows.

- AIRSPACE\_LIMITATION
  - o LOW\_FLY\_AVOIDANCE: Change to "LFLY\_AVOIDANCE".
  - o LOW\_FLY\_DEDICATED\_USER: Change to "LFLY\_DEDICATED\_USER".
  - o LOW\_FLY\_TACTICAL\_TRAINING: Change to "LFLY\_TACT\_TRAINING".
- AIRSPACE\_TYPE MLTRY\_RADAR\_SERVICE\_AREA: Change to 'MDTRY\_RADAR\_SERVICE\_AREA', and add 'mandatory, MDTRY' to table G.5.
- ATS\_USE\_TYPE DEW\_IDZ: Change to 'DEWIZ', and in definition change 'DEW IDZ' to the equivalent single abbreviation 'DEWIZ'.
- BUOY\_TYPE RESTRICT\_HORIZ\_CLEAR: Change to "RSTRCT\_HORIZ\_CLEARANCE".
- BUOY\_TYPE RESTRICT\_VERT\_CLEAR: Change to "RSTRCT\_VERT\_CLEARANCE".
- GEODETIC\_DATUM\_IDENTIFIER
  - o OBSERV\_METEORO\_1939: Change to "OBS\_METEORO\_1939".
  - o N\_AM\_1927\_NORTHWEST\_TERR: Change to "N\_AM\_1927\_NW\_TERRITORIES".
  - o RECONN\_TRIANG\_MOROCCO: Change to 'RECONN\_TRI\_MOROCCO'.
- MARINE\_STATION\_ACTIVITY UNMANNED\_OCEAN: Change label to "UNMANNED\_OCEANOGRAPHIC".
- MILITARY\_ASSET\_TYPE:
  - LARGE\_TRACK\_UTILITY\_VEHICLE
     Change to "LRG\_TRACKED\_UTILITY\_VEHICLE".
  - LARGE\_WHEEL\_UTILITY\_VEHICLE
     Change to "LRG\_WHEELED\_UTILITY\_VEHICLE".
  - SMALL\_TRACK\_UTILITY\_VEHICLE:
     Change to "SML\_TRACKED\_UTILITY\_VEHICLE".
  - SMALL\_WHEEL\_UTILITY\_VEHICLE
     Change to "SML\_WHEELED\_UTILITY\_VEHICLE".

- OBJECT\_SET\_TYPE HYDRO\_AID\_TO\_NAVIGATION: Change to 'MARINE\_AID\_TO\_NAVIGATION'.
- OBSERVED VISIBILITY REPORT TYPE
  - TOWER\_VAR\_HIGH:
     In definition label-text, change "control tower" to "tower". Change EE label to TOWER\_PRVL\_HIGH.
  - TOWER\_VAR\_LOW:
     In definition label-text, change "control tower" to "tower". Change EE label to TOWER\_PRVL\_LOW.
- PRESENT\_WEATHER\_TYPE\_AUTOMATED NO\_SIG\_WEATHER:
   Change to "NO\_SIGNIF\_WEATHER".
- PRESENT\_WEATHER\_TYPE\_MANUAL
  - o DUST\_OR\_SAND\_STORM\_NO\_PRECIP: Change to "DSSS\_NO\_PRECIP".
  - o THND\_SAND\_DUST: Change to "THND\_DSSS".
- PRESENT\_WEATHER\_TYPE\_SPECIAL SUB\_0\_DUST\_STORM\_SANDSTORM: Change EE label to "lt\_0\_DSSS", and in the definition change "below" to "less than".
- In the labels of the following EEs, change 'REFUELING' to 'REFUELLING':
  - EA APRON\_HARD\_STANDING\_FUNCTIONEE REFUELING\_HARD\_STANDING
  - o EA ATS\_USE\_TYPE EEs REFUELING, REFUELING\_OR\_TRACK
- In the labels of the following EEs of EA USAGE, change 'HARDSTAND' to 'HARD\_STANDING':
  - ALERT\_APRON\_OR\_HARDSTAND, COMPASS\_ROSE\_HARDSTAND, DISPERSAL\_HARDSTAND, ENGINE\_RUN\_UP\_HARDSTAND, FIRING\_IN\_HARDSTAND, MAINTENANCE\_HARDSTAND, PAD\_HARDSTAND, PARKING\_HARDSTAND, REFUELLING\_HARDSTAND

Rationale: Compliance with label formation rules in clause 10.

**SEDRIS\_T038**: Change the labels of the following EEs as specified to correct the use of underscores:

- For EA COLOURATION, all EEs beginning with 'BRICKRED': Change 'BRICKRED' to 'BRICK\_RED'.
- For EA COLOURATION, all EEs beginning with 'DARK': Change 'DARK' to 'DARK'.
- For EA COLOURATION, all EEs beginning with 'LIGHT': Change 'LIGHT' to 'LIGHT\_'.
- EE MIDCANADA\_IDZ EAs AIRSPACE\_TYPE and ATS\_USE\_TYPE: Change to 'MID\_CANADA\_IDZ'.
- EE NEOHINDUISM for EA HINDUISM\_DENOMINATIONAL\_FAMILY: Change to

'NEO\_HINDUISM'.

- EE MIDSENSITIVE EA MINE\_MAGNETIC\_SENSITIVITY: Change to 'MID SENSITIVE'.
- EE WINDMOTOR for EA STRUCTURE\_SHAPE: Change to 'WIND\_MOTOR'.

Rationale: Correctly reflect the definition.

**SEDRIS\_T039**: For EA TOWER\_TYPE, change the label of EE WIRELESS\_RADIO to 'WIRELESS TELEPHONE'.

Rationale: The definition is defined entirely in terms of telephone signals, not radio.

**SEDRIS\_T040**: In the labels of the following EEs, change 'DRAFT' to 'DRAUGHT', and in their definitions, where it occurs, change 'draft' to 'draught':

- EE DEEP DRAFT ANCHORAGE for EA MARINE REGION TYPE
- EE MAXIMUM\_VESSEL\_DRAFT for EAs BUOY\_TYPE, MARINE\_MARK\_TYPE
- EEs TRACK\_DEEP\_DRAFT, TRACK\_NOT\_DEEP\_DRAFT for EA WATERBODY\_ROUTE\_TYPE

<u>Rationale</u>: Consistent use of International English, and consistency throughout between label and definition. Some EDCS definitions use 'draught' and some use 'draft' for this concept.

**SEDRIS\_T041**: In the label of EE ARTIFACT\_REMOVAL\_PRHBT for EA MARINE\_REGION\_TYPE, change 'ARTIFACT' to 'ARTEFACT'.

<u>Rationale</u>: Consistent use of International English, and consistency throughout between label and definition.

**SEDRIS\_T042**: In the definition of EA USAGE – EE TERMINUS\_OR\_TERMINAL, change "or" to "and/or".

Rationale: Correct grammar.

**SEDRIS\_T043**: Correct the definitions of the following EEs as follows to use appropriate EDCS concepts.

- EA AID\_TO\_NAVIGATION\_SYSTEM\_TYPE EE US\_INTRACOASTAL: Change both instances of "coast" to "<COAST>"
- EA APRON\_HARD\_STANDING\_FUNCTION EE
   AIRCRAFT\_HANGAR\_APRON: Change "Apron" to "<APRON>".
- EA BRIDGE\_DESIGN EE GIRDER: Change both occurrences of "spans" to "<BRIDGE\_SPAN>s".
- EA BUILDING\_FOUNDATION\_PILE\_TYPE EE PILE: Change "piles" to "<STRUCTURAL PILE>s".
- For EA ECOSYSTEM\_TYPE, in every sentence but the reference:
  - o EEs COOL GRASSES AND SHRUBS, DRY TROPICAL WOODS,

- HOT\_MILD\_GRASSES\_SHRUBS, WOODY\_SAVANNA: Change "grass" to "<GRASS>".
- EE COOL\_CROPS\_AND\_TOWNS: Change 'Olson Ecosystem Type 35' to '<<<CORN\_AND\_BEANS\_CROPLAND>>>'.
- EE MEDITERRANEAN\_SCRUB: Change "grassland" to "<GRASSLAND>".
- EE CROP\_AND\_WATER\_MIXTURES: Change "river" to "<RIVER>" and "wetland" to "<WETLAND>".
- o EE GLACIER\_ROCK: Change 'glacier' to '<GLACIER>'.
- o EE LAND\_WATER\_AND\_SHORE: Change "wetland" to "<WETLAND>".
- o EE LOW\_SPARSE\_GRASSLAND: Change "hummock" to "<HUMMOCK>".
- EES BAMBOO, CONIFEROUS\_FOREST, COOL\_GRASSES\_AND\_SHRUBS, FOREST\_AND\_FIELD, HOT\_MILD\_GRASSES\_SHRUBS, SEMI\_DESERT\_SAGE, SUCCULENT\_THORN\_SCRUB: Change "shrub" to "<SHRUB>".
- EA DOMINANT\_BREAKER\_TYPE EE SURGING:
   Change "<SURFACE> of the water" to "<WATERBODY\_SURFACE>".
- EA FIGHTING\_POSITION\_TYPE EE SUPPLEMENTARY:
   Change "location" to "<LOCATION>", and change "terrain" to "<TERRAIN>".
- EA FUNCTIONAL\_USE EE CABLE\_PIPE\_SIGN: Change "sign" to "<DISPLAY\_SIGN>".
- EA HYPSOGRAPHIC\_PORTRAYAL\_TYPE: Change "contour" to
   "<CONTOUR>", and change "contours" to "<CONTOUR>s" for the following EEs:
- APPROX\_INDEX, INTERM, INTERM\_DEPR, INTERM\_MOUND, SUPP\_DEPR, SUPP\_ONE\_HALF, SUPP\_ONE\_QUARTER
- EA LAND\_ROUTE\_TYPE EE SUPERHIGHWAY: Change 'superelevations' to '<<SUPERELEVATION>>s'.
- EA MARINE REGION TYPE
  - o EE MARINE FARM: Change 'farm' to '<FARM>'.
  - EE SEAPLANE\_ANCHORAGE and EE TANKER\_ANCHORAGE: Change "A <REGION> of <ANCHORAGE>" to "An <ANCHORAGE>".
  - o EE SUB\_GUNNERY\_EXERCISE: Change "region" to "<REGION>".
- EA MARINE\_WRECK\_STATUS –EE SHOWING\_MAST: Change "masts" to "<MAST>s".
- EA MARINE\_WRECK\_TYPE EE CARGO: Change 'cargo' to '<CARGO>'.
- EA MILITARY\_USE EE BULK\_STORAGE: Change "containers" to

- "<CONTAINER>s".
- EA MINE\_ANTI\_RECOVERY\_TYPE EE STRIPPING\_EQUIPMENT: Change "equipment" to "<EQUIPMENT>".
- EA NAVIGATION\_SYSTEM\_TYPE
  - o EE OMEGA: Change "frequency" to "<<FREQUENCY>>".
  - o EE RADAR\_AERIAL: Change "aerial" to "<AERIAL>".
- EA OBJECT\_ASPECT EE EMBANK: Change "land" to "<TERRAIN>".
- EA OBJECT\_SET\_TYPE EE MARINE\_OBSTRUCTION: Change "wrecks" to "<MARINE\_WRECK>s".
- EA PRESENT\_WEATHER\_TYPE\_AUTOMATED EE HAZE\_VISIB\_ge\_1r0\_KM: Change "visibility" to "<<VISIBILITY\_DISTANCE>>". (EE HAZE\_VISIB\_lt\_1r0\_KM already uses similar language.)
- EA PRIMARY\_RAW\_MATERIAL EE NO\_RAW\_MATERIAL: Change "materials" to "<MATERIAL>s".
- EA RADIO\_STATION\_TYPE EE COASTAL\_PROVIDING\_QTG: Change "station" to "<COMMUNICATION STATION>".
- EA SNOW\_DEPTH\_CATEGORY EE ANY: Change "thickness" to "<<THICKNESS>>".
- EA TOWER\_TYPE EE ELECTRICITY: Change "Electrical power pole" to "<POWER\_TRANSMISSION\_LINE\_PYLON>".
- EA UNDERLYING\_MATERIAL\_TYPE EE GRASS: Change "grass" to "<GRASS>".
- EA WATER\_GATE\_TYPE EE LOCK: Change "doors" to "<DOOR>s".

Rationale: Consistency.

**SEDRIS\_T044**: Change the definition of EA AIRSPACE\_LIMITATION EE BIRD\_SANCTUARY to "A <REGION> where <BIRD>s are bred and protected; bird sanctuary."

Rationale: Consistency with EA MARINE REGION TYPE EE BIRD SANCTUARY.

**SEDRIS\_T045**: In the definition of EA BOTTOM\_RETURN\_TYPE – EE ROCK, change "<ROCK>" to "mass of <ROCK>".

<u>Rationale</u>: Correctness. The intent is to express not the material of which the object is made (<ROCK>), but the object itself.

**SEDRIS\_T046**: In the definition of EA WATER\_TYPE – EE ALKALINE, change the definition from 'With a pH of 4,5 or less; alkaline' to 'With a << PH>> greater than 7,0; alkaline [SOED, "alkaline"]'.

Rationale: Correctness, and consistency with SOED and with DFDD.

**SEDRIS\_T047**: For each of the following EEs, which currently cite FACC or FAD, correct the definition as specified in order to reflect corrections made in DFDD (the current reference).

Update the definition to reference DFDD, where appropriate, as the source of the wording. Where FAD (an older version of DFDD) is referenced, update the reference from FAD to DFDD.

# EA MARINE\_REGION\_TYPE

# o EE RESERVED ANCHORAGE:

Update definition to "An <ANCHORAGE> designated by appropriate authority within which <VESSEL>s anchor or may anchor in accordance with certain specified conditions; reserved anchorage [DFDD, Feature Attribute Dictionary, ACH:11]."

# o EE SMALL\_CRAFT\_ANCHORAGE:

In the definition, Update 'and' to 'and/or', and before the period add '[DFDD, Feature Attribute Dictionary, ACH:7]'. Update the reference type from PR to IR.

# • EE UNRESTRICTED ANCHORAGE:

To distinguish this from a simple <ANCHORAGE>, update the definition to "An <ANCHORAGE> where <VESSEL>s may anchor without restriction; unrestricted <ANCHORAGE> [DFDD, Feature Attribute Dictionary, ACH:1]." and Update the reference type to IR [S57A, Attribute, CATACH:1].

- EA WALL\_TYPE EE RETAINING: In definition, insert 'or <WATER>' after '<SOIL>', and add supplemental reference [SOED, "retaining wall"].
- EEs that reference FAD
  - o EA ACCESS\_DIRECTION\_TYPE
    - EE END

Update reference to DFDD, Feature Attribute Dictionary, ADT:3].

EE ENTRY

Update reference to DFDD, Feature Attribute Dictionary, ADT:1].

■ EE EXIT

Update reference to DFDD, Feature Attribute Dictionary, ADT:2].

■ EE START

Update reference to DFDD, Feature Attribute Dictionary, ADT:4].

# EA ACCESSIBILITY STATUS

# EE CLOSED

Update definition to "Access is officially prohibited; closed. The <OBJECT> may be covered and/or blocked by a <BARRIER>." Update reference to [DFDD, Feature Attribute Dictionary, ACS:7].

# ■ EE CLOSED LOCKED

Update definition to "Access is officially prohibited and is restricted by a <BARRIER>, requiring special means to pass (e.g. a key); closed locked." Update reference to [DFDD, Feature Attribute Dictionary, ACS:3].

# ■ EE LIMITED

Update definition to "A limitation on access, but not function, has been imposed; limited. The limitation is not necessarily enforced by a <BARRIER>." Update reference to [DFDD, Feature Attribute Dictionary, ACS:6].

# EE LOCKED

Update definition to "Access is prevented by a <BARRIER>, requiring special means to pass (e.g., a key); locked." Update reference to [DFDD, Feature Attribute Dictionary, ACS:1].

# EE OPEN

Update definition to "Access is officially allowed; open. The <OBJECT> may be covered and/or blocked by a <BARRIER> that is temporarily passable." Update reference to [DFDD, Feature Attribute Dictionary, ACS:2].

# EE OPEN LOCKED

Update definition to "Access is officially allowed, although restricted by a <BARRIER> that is currently open, requiring special means to close and prevent future passage (e.g. a key); open locked." Update reference to [DFDD, Feature Attribute Dictionary, ACS:4].

#### EE RESTRICTED

Update definition to "Access is officially allowed, although a limitation on function has been imposed; restricted. The limitation is not necessarily enforced by a <BARRIER>." Update reference to [DFDD, Feature Attribute Dictionary, ACS:5].

# EA AERONAUTICAL\_FUNCTION

- EE AERODROME\_TERMINAL
  - Add supplemental reference to [DFDD, Feature Attribute Dictionary, AMC:4].
- EE AID\_TO\_NAVIGATION\_CHANGEOVER
   Update reference to [DFDD, Feature Attribute Dictionary, AMC:9].
- EE ALTIMETER\_CHANGE
   Update reference to [DFDD, Feature Attribute Dictionary, AMC:10].
- EE DECOY

Update reference to [DFDD, Feature Attribute Dictionary, AMC:2].

EE FEEDER

Update reference to [DFDD, Feature Attribute Dictionary, AMC:6].

EE MILEAGE\_BREAK\_DOWN

Update reference to [DFDD, Feature Attribute Dictionary, AMC:8].

EE RADAR

Update reference to [DFDD, Feature Attribute Dictionary, AMC:7].

EE SEAPLANE\_RUN

Update reference to [DFDD, Feature Attribute Dictionary, AMC:12].

EE TERMINUS, TERMINUS\_OR\_TERMINAL

Update reference to [DFDD, Feature Attribute Dictionary, AMC:4].

EE TRANSACTION

Update reference to [DFDD, Feature Attribute Dictionary, AMC:5].

EE UNIDENTIFIED AIRSTRIP

Update reference to [DFDD, Feature Attribute Dictionary, AMC:1].

## EA AERONAUTICAL\_POINT\_FUNCTION

## EE AERODROME\_REFERENCE

Update reference type and reference to [DFDD, Feature Attribute Dictionary, APC:11].

#### EE ARCP CONTROL

Update reference type and reference to [DFDD, Feature Attribute Dictionary, APC:6].

#### ■ EE ARIP INITIAL

Update reference type and reference to [DFDD, Feature Attribute Dictionary, APC:5].

## EE COMPULSORY REPORT

Update reference type and reference to [DFDD, Feature Attribute Dictionary, APC:3].

## EE MISSED\_APPROACH

Update reference type and reference to [DFDD, Feature Attribute Dictionary, APC:2].

#### EE NAVIGATION CHECK

Update reference type and reference to [DFDD, Feature Attribute Dictionary, APC:7].

#### ■ EE NON\_COMPULSORY\_REPORT

Update reference type and reference to [DFDD, Feature Attribute Dictionary, APC:4].

#### ■ EE VISUAL DESCENT

Update reference type and reference to [DFDD, Feature Attribute Dictionary, APC:1].

## o EA APRON\_HARD\_STANDING\_FUNCTION:

#### EE ALERT

Update definition to "A military <APRON> or <HARD\_STANDING>, usually collocated with a <TAXIWAY> with rapid access to one end of a <RUNWAY>, used by combat-ready <AIRCRAFT> prepared to take off on short notice; alert." Update reference to [DFDD, Feature Attribute Dictionary, APU:5].

## EE BASE\_FLIGHT\_APRON

Update definition to "An <APRON> on a military <AERODROME> that is used for support <AIRCRAFT>; base flight apron." Update reference to [DFDD, Feature Attribute Dictionary, HAC:4].

## EE COMPASS\_ROSE\_HARD\_STANDING

Change label to COMPASS\_ROSE. Update definition to "A painted compass rose is present on the <SURFACE>, and is used as a reference to calibrate onboard compasses on <AIRCRAFT>." Update reference to [DFDD, Feature Attribute Dictionary, APU:5].

## EE DEPOT\_APRON

Update definition to "An <APRON> collocated with airport cargo handling

facilities; depot apron." Update reference to [DFDD, Feature Attribute Dictionary, HAC:7].

## EE DISPERSAL HARD STANDING

Update definition to "A <HARD\_STANDING> for a single military <AIRCRAFT> designed to isolate the damage suffered by one <AIRCRAFT> from spreading to others during an attack; dispersal hard standing." Update reference to [DFDD, Feature Attribute Dictionary, HAC:9].

#### EE ENGINE RUN UP HARD STANDING:

Change label to ENGINE\_RUN\_UP. Update definition to "An <APRON> or <HARD\_STANDING> where aircraft engines are occasionally pre-flight tested at high <ABRV>RPM</ABRV>; engine run-up." Update reference to [DFDD, Feature Attribute Dictionary, APU:6].

# EE ENGINE\_TEST\_PAD Update reference to [DFDD, Feature Attribute Dictionary, HAC:5].

## EE FIRING IN HARD STANDING

Change label to FIRING\_IN. Update definition to "Designed for the use of a single <FIGHTER\_WINGED\_AIRCRAFT> for zeroing-in and aligning forward-firing <WEAPON>s, located in a protected <REGION> opposite an <AERODROME\_REVETMENT>; firing-in." Update reference to [DFDD, Feature Attribute Dictionary, APU:9].

#### EE MAINTENANCE\_HARD\_STANDING

Change label to MAINTENANCE. Update definition to "An <APRON> or <HARD\_STANDING> where maintenance on <AIRCRAFT> is performed." Update reference to [DFDD, Feature Attribute Dictionary, APU:7].

#### EE OPERATIONAL APRON

Change label to OPERATIONAL. Update definition to 'Used for the parking, marshalling, temporary storage, loading, or unloading of <AIRCRAFT>; operational.' Update reference to [DFDD, Feature Attribute Dictionary, HAC:2].

## ■ EE PAD\_HARD\_STANDING

Change label to PAD. Update definition to 'Has been designated for aircraft engine run-up, tabbing, or power checks and that is usually situated near the ends of <RUNWAY>s; pad.' Update reference to [DFDD, Feature Attribute Dictionary, HAC:10].

#### ■ EE PARKING HARD STANDING

Change label to PARKING. Update definition to "Used for parking of <AIRCRAFT>." Update reference to [DFDD, Feature Attribute Dictionary, APU:1].

#### ■ EE STUB APRON

Update definition to "An <APRON> located on the short end of an abandoned <TAXIWAY>, <RUNWAY> or <RAMP>, or an <APRON> connected to a <RUNWAY> without the benefit of a <TAXIWAY>; stub." Update reference

to [DFDD, Feature Attribute Dictionary, HAC:8].

#### ■ EE TRANSIENT\_APRON:

Update definition to "An <APRON> where space has been set aside for use by visiting <AIRCRAFT>; transient apron." Update reference to PR [DFDD, Feature Attribute Dictionary, APU:4].

• EA CONTROLLING\_AUTHORITY – for each of these EEs, also update the reference type to PR.

#### EE CITY

Change label to MUNICIPAL. Update definition to "Administered by the civic authorities of a borough, town, or city; municipal." Update reference to [DFDD, Feature Attribute Dictionary, CAA:6].

#### EE COMMUNAL

Update definition to "The smallest administrative district of several European countries; communal. EXAMPLE A French territorial division." Update reference to [DFDD, Feature Attribute Dictionary, CAA:14].

#### EE FEDERAL

Update reference to [DFDD, Feature Attribute Dictionary, CAA:9], and deprecate (it has been superceded by EE NATIONAL).

## EE INSULAR

Update definition to "An administrative division encompassing one or more islands; insular." Update reference to [DFDD, Feature Attribute Dictionary, CAA:10].

#### EE INTERNATIONAL

Update definition to "A joint administrative unit that is agreed on by many nations; international. An international controlling authority is usually of limited scope of responsibility and authority. EXAMPLE The United Nations." Update reference to [DFDD, Feature Attribute Dictionary, CAA:8].

#### ■ EE INTERSTATE

Update definition to "A joint administrative body that is agreed on by many principal sub-national bodies; interstate. An interstate controlling authority is usually of limited scope of responsibility and authority. EXAMPLE An interstate commerce commission." Update reference to [DFDD, Feature Attribute Dictionary, CAA:12].

#### EE JOINT

Update definition to "An administrative body composed of both military and civil authorities; joint." Update reference to [DFDD, Feature Attribute Dictionary, CAA:7].

#### ■ EE MILITARY

Update definition to "An armed force constituted under the laws of a State; military." Update reference to [DFDD, Feature Attribute Dictionary, CAA:5].

#### ■ EE MILITARY DISTRICT

Update definition to "A principal administrative unit of an armed force based on territorial responsibility; military district. A military district controlling authority is distinct from the operational command structure of the armed force." Update

reference to [DFDD, Feature Attribute Dictionary, CAA:15].

#### ■ EE NATIONAL

Update definition to "Administered by an independent political State; national." Update reference to [DFDD, Feature Attribute Dictionary, CAA:1].

## EE NON MILITARY

Deprecate NON\_MILITARY, which has been superceded by CIVILIAN and PUBLIC in the reference. Add EE CIVILIAN, with PR reference [DFDD, Feature Attribute Dictionary, CAA:16] and definition "An administrative unit not associated with an armed force; civilian."

#### ■ EE PRIVATE

Update definition to "Administered by an individual or corporation, rather than a State or a public body; private." Update reference to [DFDD, Feature Attribute Dictionary, CAA:3].

## ■ EE PROVINCIAL

Update definition to 'A principal administrative division of certain countries or States; provincial. Historically, a province is a principal division of a kingdom or empire, especially one that is historically and/or linguistically distinct [SOED, "province", I.3].' Update reference to [DFDD, Feature Attribute Dictionary, CAA:11].

## ■ EE REGIONAL

Update definition to "A joint administrative body that is agreed on by many, relatively small (e.g. municipal), sub-national bodies; regional. A regional controlling authority is usually of limited scope of responsibility and authority. EXAMPLE A port authority." Update reference to [DFDD, Feature Attribute Dictionary, CAA:13].

#### EE STATE

Update definition to "A sub-national administrative division of a federal republic (e.g. the <ABRV>US</ABRV>); state." Update reference to [DFDD, Feature Attribute Dictionary, CAA:4].

#### EE TRIBAL

Update definition to "An administrative division based on the tribal unit; tribal. In the <ABRV>US</ABRV>, a tribal controlling authority exercises powers of sovereignty." Update reference to [DFDD, Feature Attribute Dictionary, CAA:4].

## EA DISPLAY SIGN TYPE

#### EE ADVERTISING BILLBOARD

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, SIA:1], add supplemental reference [SOED, "billboard"], and update definition to "A large outdoor <DISPLAY\_SIGN> for advertisements; advertising billboard. An advertising billboard is usually elevated so as to be seen for a significant distance, and may either be attached to another <STRUCTURE> or self-supporting."

#### ■ EE SCOREBOARD

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary,

SIA:2], add supplemental reference [SOED, "scoreboard"], and update definition to "A large outdoor <DISPLAY\_SIGN> for publicly displaying the score in an athletic event; scoreboard. A scoreboard is usually associated with a <STADIUM> or major <ATHLETIC\_FIELD>."

#### EE HIGHWAY

Change label to 'TRAFFIC'. Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, SIA:3], add supplemental reference [SOED, "traffic sign"], and update definition to "A <DISPLAY\_SIGN> situated beside a <ROAD> and conveying information (e.g. navigation directions or hazard warnings) to drivers of <MOTOR\_VEHICLE>s; traffic."

## EA DWELLING\_TYPE

#### ■ EE APARTMENT

Update definition to 'A suite of <ROOM>s forming one residence in a <BUILDING> containing a number of these; apartment [SOED, "apartment", 1.b]. An apartment (North America) is also known as a flat.' Update reference to [DFDD, Feature Attribute Dictionary, DDC:8].

## EE COTTAGE

Update definition to 'A private summer and/or weekend holiday residence; cottage [SOED, "cottage", 4].' Update reference to [DFDD, Feature Attribute Dictionary, DDC:7].

#### EE DORMITORY

Update supplemental reference to [DFDD, Feature Attribute Dictionary, DDC:5].

#### EE HOUSE

Update supplemental reference to [DFDD, Feature Attribute Dictionary, DDC:1].

#### ■ EE MOBILE HOME

Update supplemental reference to [DFDD, Feature Attribute Dictionary, DDC:3].

#### ■ EE MOUNTAIN HUT

Change label to "HUT". In definition, remove "Mountain", and remove reference type and reference to comply with 10.5.3.f in clause 10. Add supplemental reference [DFDD, Feature Attribute Dictionary, DDC:6].

## ■ EE MULTI\_UNIT\_DWELLING

Update supplemental reference to [DFDD, Feature Attribute Dictionary, DDC:2].

## EE OUTBUILDING

Update supplemental reference to [DFDD, Feature Attribute Dictionary, DDC:10].

## ■ EE SENIOR\_CITIZENS\_HOME

Update supplemental reference to [DFDD, Feature Attribute Dictionary, DDC:4].

## ■ EE TEMPORARY RESIDENCE

Update supplemental reference to [DFDD, Feature Attribute Dictionary, DDC:9].

## EA FACILITY\_COMMISSIONED\_STATUS

#### EE ON TEST COMMISSIONED

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, CMS:2], and update definition to "Admitted to active service and on test period; on test commissioned."

## ■ EE ON\_TEST\_NOT\_COMMISSIONED

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, CMS:5], and update definition to "Not admitted to active service but on test period; on test not commissioned."

## EE OPERATIONAL\_COMMISSIONED

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, CMS:1], and update definition to "Admitted to active service and operational; operational commissioned."

## EE OPERATIONAL NOT COMMISSIONED

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, CMS:4], and update definition to "Not admitted to active service but operational; operational not commissioned."

## EE OUT\_SERVICE\_COMMISSIONED

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, CMS:3], and update definition to "Admitted to active service but not in service; out service commissioned."

#### EE OUT SERVICE NOT COMMISSIONED

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, CMS:6], and update definition to "Not admitted to active service and not in service; out service not commissioned."

## o EA FUNCTIONAL USE

#### ■ EE AGRICULTURE

Update reference to [DFDD, Feature Attribute Dictionary, FUC:5] and add supplemental reference [SOED, "agriculture"].

#### EE ANIMAL SANCTUARY

Remove reference type and reference, add supplemental reference [DFDD, Feature Attribute Dictionary, FUC:10], and update definition to '<ANIMAL\_SANCTUARY>.'

## EE AVALANCHE

Update reference to [DFDD, Feature Attribute Dictionary, FUC:7]. Deprecate.

## ■ EE CABLE PIPE SIGN

Update reference to [DFDD, Feature Attribute Dictionary, FUC:30].

## ■ EE CAUSEWAY

Update supplemental reference to [DFDD, Feature Attribute Dictionary, FUC:18].

#### EE COMMERCE

Update reference to [DFDD, Feature Attribute Dictionary, FUC:2] and add supplemental reference [SOED, "commerce", 2].

#### EE CONTAINER

Update reference to [DFDD, Feature Attribute Dictionary, FUC:22]. Deprecate.

#### ■ EE DRAG STRIP

Update reference to [DFDD, Feature Attribute Dictionary, FUC:27]. Deprecate.

#### EE DUGOUT

Update reference to [DFDD, Feature Attribute Dictionary, FUC:29].

#### ■ EE DYKE, LEVEE

Update supplemental reference to [DFDD, Feature Attribute Dictionary, FUC:11].

## ■ EE FILTRATION\_POND

Update reference to [DFDD, Feature Attribute Dictionary, FUC:28].

#### EE FIREBREAK

Update reference to [DFDD, Feature Attribute Dictionary, FUC:14].

## ■ EE FLOOD BARRAGE

Update supplemental reference to [DFDD, Feature Attribute Dictionary, FUC:21].

#### EE FLOOD CONTROL

Update reference to [DFDD, Feature Attribute Dictionary, FUC:25].

#### ■ EE FOREST PRESERVE

Update supplemental reference to [DFDD, Feature Attribute Dictionary, FUC:24].

#### ■ EE INDUSTRY

Update reference to [DFDD, Feature Attribute Dictionary, FUC:1], add supplemental reference [SOED, "industry", 2], and update definition to "Manufacturing and/or production; industry."

#### ■ EE INSTITUTION

Update reference to [DFDD, Feature Attribute Dictionary, FUC:3] and update definition to 'Of or pertaining to a society or organization for the promotion of a purpose (e.g. a charitable or social purpose); institution [SOED, "institutional", 3].'

#### ■ EE IRRIGATION

Update reference to [DFDD, Feature Attribute Dictionary, FUC:16].

#### EE LEVEE\_OR\_DYKE

Update reference to [DFDD, Feature Attribute Dictionary, FUC:11].

#### ■ EE MARINE

Update reference to [DFDD, Feature Attribute Dictionary, FUC:6] and update

definition to 'Connected with the sea in relation to navigation and/or commerce; marine [SOED, "maritime", A.3].'

## ■ EE MEDICAL

Update reference to [DFDD, Feature Attribute Dictionary, FUC:23], add supplemental reference [SOED, "medicine", n1.1], and update definition to "The science or practice of medicine; medical."

## ■ EE MIXED URBAN

Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, FUC:19]. Update definition to 'Of or pertaining to concentrations of <BUILDING>s and/or other <STRUCTURE>s that may have a variety of uses; mixed urban.'

#### EE PRISONER

Change label to 'CORRECTION'. Update reference to [DFDD, Feature Attribute Dictionary, FUC:9] and update definition to "Of or pertaining to the incarceration of prisoners serving terms of punishment detention, awaiting trial or other judiciary proceedings, or awaiting further processing by authorities (e.g. illegal immigrants awaiting deportation); correctional."

#### EE RECREATION

Update reference to [DFDD, Feature Attribute Dictionary, FUC:13] and add supplemental reference [SOED, "recreation", n1.2].

## EE REFUGEE

Update reference to [DFDD, Feature Attribute Dictionary, FUC:8] and add supplemental reference [SOED, "refugee", n.1].

#### ■ EE RESERVE

In definition, remove "or reservation", and remove reference type and reference. Add supplemental reference [DFDD, Feature Attribute Dictionary, FUC:12].

#### ■ EE RESIDENCE

Update reference to [DFDD, Feature Attribute Dictionary, FUC:4], add supplemental reference [SOED, "residential", A.1.b], and update definition to "Suitable for or characterized by residences (e.g. private <HOUSE>s)."

## ■ EE RETAINING

Update reference to [DFDD, Feature Attribute Dictionary, FUC:17]. Deprecate, as this has been superceded by <<WALL\_TYPE>> EE RETAINING.

## ■ EE SCHOOL

Change label to 'EDUCATION'. Update reference to [DFDD, Feature Attribute Dictionary, FUC:26], add supplemental reference [SOED, "education", 3], and update definition to 'Of or pertaining to education.'

## EE TOURIST

Update reference to [DFDD, Feature Attribute Dictionary, FUC:15].

#### ■ EE TRANSPORTATION

Update reference to [DFDD, Feature Attribute Dictionary, FUC:20] and add supplemental reference [SOED, "transportation", 1].

## o EA HISTORICAL\_SIGNIFICANCE

#### EE ANCIENT

Update reference to [DFDD, Feature Attribute Dictionary, HSS:1], add supplemental reference [SOED, "ancient", adj. 1.a], and update definition to

"Belonging to, and dating from, times long past; ancient. An <OBJECT> of ancient historic significance is generally of many hundreds, if not thousands, of years of age."

#### ■ EE HISTORIC

Update reference to [DFDD, Feature Attribute Dictionary, HSS:2], and update definition to "Designated as historic by a recognized authority. An <OBJECT> of 'historic' historical significance is generally of only a few hundred years of age or less."

■ EE NOT\_SIGNIFICANT (new EE) Add EE NOT\_SIGNFICANT, with definition "Not of historic significance; not significant." and IR reference [DFDD, Feature Attribute Dictionary, HSS:3].

## o EA MARINE\_USE

- EE ALTERNATE\_ENTRY
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:4].
- EE ALTERNATE\_ENTRY\_EXIT
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:6].
- EE ALTERNATE\_EXIT
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:5].
- EE ANCHOR\_POINT Update reference to [DFDD, Feature Attribute Dictionary, MUC:3].
- EE BUTTS
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:16].
- EE CLOCK Update reference to [DFDD, Feature Attribute Dictionary, MUC:11].
- EE COMPASS\_ADJUSTMENT Update reference to [DFDD, Feature Attribute Dictionary, MUC:8].
- EE MANDATORY
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:13].
- EE MARINE\_STATION
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:14].
- EE PROHIBITED\_REGION
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:9].
- EE RESERVED
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:12].
- EE SINGLE\_POINT\_MOORING
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:2].
- EE TIMEBALL Update reference to [DFDD, Feature Attribute Dictionary, MUC:10].
- EE TURNING
   Update reference to [DFDD, Feature Attribute Dictionary, MUC:7].

## ■ EE VESSEL BERTH

Update supplemental reference to [DFDD, Feature Attribute Dictionary, MUC:1].

# EE ROLLON\_ROLLOFF\_BERTH

Update reference to [DFDD, Feature Attribute Dictionary, MUC:15].

## o EA NAVIGABLE\_STATUS

#### ■ EE NAVIGABLE

Update definition to "Affording passage to <VESSEL>s; capable of being navigated; navigable [S32, "navigable (adj.)]." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, NVS:3].

## EE NAVIGABLE ABANDONED

In definition, change "and abandoned" to "but operational support has been abandoned. EXAMPLE A <WATER\_CHANNEL> that remains <<<<NAVIGABLE>>> but may no longer be maintained at stated depth". Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, NVS:2].

#### ■ EE NAVIGABLE OPERATIONAL

In definition, change "and operational" to "and is operating in accordance with stated schedule and/or stated depth and clearance; navigable operational. EXAMPLES A <WATER\_CHANNEL> maintained at stated depth, a <HYDROGRAPHIC\_LOCK> manned on a regular schedule". Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, NVS:1].

## ■ EE NOT NAVIGABLE

Change reference type and reference to PR [DFDD, Feature Attribute Dictionary, NVS:5].

## ■ EE NAVIGABLE PERIODIC RESTRICTION

In definition, change "with periodic restrictions" to "but periodic restrictions apply; navigable periodic restriction. EXAMPLES <<<NAVIGABLE>>> but seasonally restricted due to <ICE>, <<<NAVIGABLE>>> but only manned at irregular intervals." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, NVS:4].

## o EA PROTECTION\_SHED\_TYPE

#### EE OUTBUILDING

Change supplemental reference to [DFDD, Feature Attribute Dictionary, SUC:3].

#### EE ROCK SHED

Change supplemental reference to [DFDD, Feature Attribute Dictionary, SUC:2].

#### ■ EE SNOW SHED

Change supplemental reference to [DFDD, Feature Attribute Dictionary, SUC:1].

## o EA PUBLIC\_ACCOMMODATION\_TYPE

#### ■ EE HOSTEL

Update Supplemental Reference to [DFDD, Feature Attribute Dictionary, PAF:4].

## ■ EE HOTEL

Update Supplemental Reference to [DFDD, Feature Attribute Dictionary, PAF:3].

## ■ EE MOTEL

Update Supplemental Reference to [DFDD, Feature Attribute Dictionary, PAF:5].

## ■ EE OUTBUILDING

Update Supplemental Reference to [DFDD, Feature Attribute Dictionary, PAF:7 (Outbuilding)]. (The DFDD attribute value has been both retired and redefined with a different meaning, so the name as well as the code must be specified in the reference to identify which version of the concept is being referenced.) Deprecate.

## ■ EE PUBLIC INN

Update Supplemental Reference to [DFDD, Feature Attribute Dictionary, PAF:1].

#### ■ EE RESTAURANT

Update Supplemental Reference to [DFDD, Feature Attribute Dictionary, PAF:2].

#### ■ EE TEMPORARY RESIDENCE

Update Reference to [DFDD, Feature Attribute Dictionary, PAF:6 (Undifferentiated Motel or Hotel)]. (The DFDD attribute value has been both retired and redefined with a different meaning, so the name as well as the code must be specified in the reference to identify which version of the concept is being referenced.) Deprecate.

## o EA SURVEY\_QUALIFIER

## EE INADEQUATE

Update definition to "Surveyed, but not with complete coverage and/or not to established standards; inadequate." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, SUR:2]. Add supplemental reference [S57A, Attribute, QUAPOS:3].

## EE NOT SURVEYED

Update definition to "Survey data either does not exist or is very poor in coverage and/or quality; not surveyed [S57A, Attribute, QUAPOS:2]." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, SUR:3].

## EE SURVEYED

Update definition to "Surveyed with complete coverage and to established standards. Survey implies a regular, controlled survey of any date." Update reference type and reference to PR [DFDD, Feature Attribute Dictionary, SUR:1]. Add supplemental reference [S57A, Attribute, QUAPOS:1].

## o EA UTILITY\_USE

#### ■ EE DRINKING WATER

Update reference to [DFDD, Feature Attribute Dictionary, UUC:7]. Update definition to "A <FACILITY> used in the process of cleaning <WATER> to make it suitable for drinking."

#### ■ EE OUTFALL

Update reference to [DFDD, Feature Attribute Dictionary, UUC:5]. Update definition to "An outlet or structure through which reclaimed <WATER> or treated effluent is finally discharged to a receiving <WATERBODY>; outfall."

#### ■ EE POWER

Update reference to [DFDD, Feature Attribute Dictionary, UUC:6]. Update definition to "A <FACILITY> in which electric power is generated, switched, transformed, and/or converted."

#### EE TELEGRAPH

Update the reference to [DFDD, Feature Attribute Dictionary, CUS:5] and the definition to "Associated with processing and/or controlling telegraph signals."

#### EE TELEPHONE

Update the reference to [DFDD, Feature Attribute Dictionary, CUS:6] and the definition to "Associated with processing and/or controlling telephone signals."

#### EE TRIANGULATION

Update reference to [DFDD, Feature Attribute Dictionary, UUC:8]. Deprecate.

# EE UTILITY\_COMMUNICATION Update reference to [DFDD, Feature Attribute Dictionary, UUC:3]

## EE WATER INTAKE

Update supplemental reference to [DFDD, Feature Attribute Dictionary, UUC:6].

<u>Rationale</u>: Clarity, and consistency with FACC and DFDD. In the cases of the <<APRON\_HARD\_STANDING\_FUNCTION>> entries for which label changes are also included, the function may also apply to an <APRON>, not just a <HARD\_STANDING> as indicated by the label.

**SEDRIS\_T048**: In the definition of EA MIDDLE\_CLOUD\_GENUS EE NONE\_PRESENT, change "middle <CLOUD>s" to "<MIDDLE\_CLOUD>s".

<u>Rationale</u>: Correctness and consistency. The EA is defined in terms of <MIDDLE\_CLOUD>s, which are a specific variety of cloud. The NONE\_PRESENT EEs for EA

HIGH\_CLOUD\_GENUS and EA LOW\_CLOUD\_GENUS already use <HIGH\_CLOUD> and <LOW\_CLOUD>, respectively.

**SEDRIS\_T049**: In the definitions of the following EEs, change the region in which the swimming is taking place to a <WATERBODY\_REGION>:

- EE SWIMMING for EA BUOY\_TYPE Change "<WATERBODY SURFACE REGION>" to "<WATERBODY REGION>".
- EE SWIMMING for EA MARINE MARK TYPE Change "<REGION>" to

"<WATERBODY\_REGION>".

<u>Rationale</u>: Consistency and correctness. The <REGION> will always be a <WATERBODY\_REGION>, since it must be marked for vessels. However, the swimming will not necessarily be restricted completely to the surface of the region.

**SEDRIS\_T050**: Add the following EEs to COUNTRY\_ID\_VALUE\_SET.

- ISO\_4\_CHAR\_CTRY\_CODE:

  Definition: "A specific country code that is formatted in a Basic Latin string as specified in ISO 3166-3:1999; ISO 4 character country code." Reference type and reference: PR [ISO 3166-3:1999]
- ISO\_PRIN\_ADMIN\_DIVISION\_CODE

  Definition: "A specific principal administrative division code that is formatted in a Basic
  Latin string as specified in ISO 3166-2:2007; ISO principal administrative division code.

  Reference type and reference: PR [ISO 3166-2:2007]

Add the following bibliographic entries to clause 2.

- ISO 3166-2:2007, Codes for the representation of names of countries and their subdivisions Part 2: Country subdivision code.
- ISO 3166-3:1999, Codes for the representation of names of countries and their subdivisions Part 3: Code for formerly used names of countries.

<u>Rationale</u>: Consistency with ISO 3166. ISO 3166, the reference for country identifier names, has been updated since the publication of EDCS edition 1 to support 4-character constrained string values for countries that have been removed from the 2-character and 3-character country identifier lists. Consequently, some values previously supported by this EDCS attribute now require the use of 4-character country codes rather than the codes previously supported. In addition, administrative divisions for FIPS are currently supported by this attribute's enumerants but not administrative division codes as specified by ISO 3166.

**SEDRIS\_T051**: In 6.3, after table 6.33, add the following as the new final paragraph:

"Figure 6.1 depicts, for a given EA instance collection, the relationship between the EV values of EVs VALID\_RANGE\_MINIMUM, LOWER\_BOUND, GREATEST\_LOWER\_BOUND, LEAST\_UPPER\_BOUND, UPPER\_BOUND, and VALID\_RANGE\_MAXIMUM."

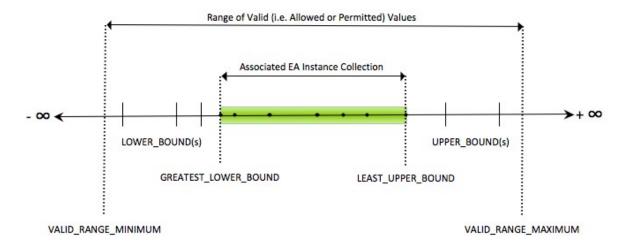


Figure 6.1 – Relationship between the EV values for a given associated EA instance collection"

**SEDRIS\_T052**: Update the entries of the EV dictionary so that they shall no longer have figures.

- In 4.3.5, third sentence, change "EE, and EV" to "and EE".
- In 4.6, 6th paragraph, add 'and' to the end of list item b. In list item c, change 'and' to '.' Remove list item d.
- In table 6.31, remove the 'Figure(s)' row. In tables 6.32 and 6.33, remove the 'Figure(s)' column.

<u>Rationale</u>: Figures are not appropriate for individual EVs. Support for such figures was originally included for the figure in the previous comment, which is shared by several EVs. Therefore, figures are no longer a required field for EV concepts.

#### Clause 10

**SEDRIS\_T053**: In 10.5.4.j, change 'bibliographic citation' to 'bibliographic entry'. Rationale: The use of 'bibliographic citation' was incorrect; the term 'reference' should have been used to refer to what here was referred to as 'bibliographic citation'. However, the term 'reference' is overloaded, so this sense of 'reference' is being changed to 'bibliographic entry' by other comments against clause 2 and the bibliography. The terms in clause 2, 10.5.4.j, and the

bibliography will now be consistent.

## Clause 11

**SEDRIS\_T054**: Change subclause 11.4.1 to read as shown below.

"The EDCS default profile is defined in <u>Table 11.3</u>.

# Table 11.3 — EDCS\_2\_0\_DEFAULT\_PROFILE

Label	Description	Standard edition	Amendment number(s)	Registered concepts	Code	Dictionaries used
EDCS_2_0_DEFAULT_PROFILE	EDCS edition 2 default profile	2	0	No	3	EC, EA, EV, EE, EU, ES, EQ, EO, EG

Dictionaries used	Concept labels	Constraints
EC	All ECs defined in edition 2 of this International Standard	None
EA	All EAs defined in edition 2 of this International Standard	None
EV	All EVs defined in edition 2 of this International Standard	None
EE	All EEs defined in edition 2 of this International Standard	None
EU	All EUs defined in edition 2 of this International Standard	None
ES	All ESs defined in edition 2 of this International Standard	None
EQ	All EQs defined in edition 2 of this International Standard	None
EO	All EOs defined in edition 2 of this International Standard	None
EG	All EGs defined in edition 2 of this International Standard	None

"

**SEDRIS\_T055**: Change subclause 11.4.2 to read as shown below. "The EDCS unit profile is defined in <u>Table 11.4</u>.

## Table 11.4 — EDCS\_2\_0\_UNIT\_PROFILE

Label	Description	Standard edition	Amendment number(s)	Registered concepts	Code	Dictionaries used
EDCS_2_0_UNIT_PROFILE	EDCS edition 2 unit profile	2	0	No	4	EU, ES, EQ
Dictionaries used	Concept labels			Con	straints	
EU	All EUs defined in edition 2 of this International Standard		None			
ES	All ESs defined in edition 2 of this International Standard		None			
EQ	All EQs defined in edition 2 of this International Standard		None			

Rationale: The current presentation is incomplete, and is not in compliance with clause 4.

## Annex A

**SEDRIS\_T056**: Change subclause A.15 to read as shown below.

# "A.15 Deprecated profiles

The use of the profiles in <u>Table A.6</u> is deprecated. Users of these profiles are strongly cautioned that these profiles are expected to be removed in a future version of this International Standard.

## Table A.6 — Deprecated profiles

Table A.7 — EDCS 1 0 DEFAULT PROFILE	
Table A.8 — EDCS_1_0_UNIT_PROFILE	

**SEDRIS\_T057**: Create a new Table A.7 to read as shown below. Place this table in a new file, named \profiles\EDCS\_1\_0\_DEFAULT\_PROFILE.htm

"

# Table A.7 — EDCS\_1\_0\_DEFAULT\_PROFILE

Label	Description	Standard edition	Amendment number(s)	Registered concepts	Code	Dictionaries used
EDCS_1_0_DEFAULT_PROFILE	EDCS edition 1 default profile	1	0	No	1	EC, EA, EV, EE, EU, ES, EQ, EO, EG

Dictionaries used	Concept labels	Constraints
EC	All ECs defined in edition 1 of this International Standard	None
EA	All EAs defined in edition 1 of this International Standard	None
EV	All EVs defined in edition 1 of this International Standard	None
EE	All EEs defined in edition 1 of this International Standard	None
EU	All EUs defined in edition 1 of this International Standard	None
ES	All ESs defined in edition 1 of this International Standard	None
EQ	All EQs defined in edition 1 of this International Standard	None
EO	All EOs defined in edition 1 of this International Standard	None
EG	All EGs defined in edition 1 of this International Standard	None

**SEDRIS\_T058**: Create a new Table A.8 to read as shown below. Place this table in a new file, named \profiles\EDCS\_1\_0\_UNIT\_PROFILE.htm

"

Label	Description	Standard edition	Amendment number(s)	Registered concepts	Code	Dictionaries used
EDCS 1 0 UNIT PROFILE	EDCS edition 1 unit profile	1	0	No	1	EU, ES, EQ

Dictionaries used	Concept labels	Constraints
EU	All EUs defined in edition 1 of this International Standard	None
ES	All ESs defined in edition 1 of this International Standard	None
EQ	All EQs defined in edition 1 of this International Standard	None

..

#### Annex G

**SEDRIS\_T059**: Add the following entries to table G.5.

cumologenitus, CUMULOGEN

england, ENG enterotoxin,

ENTERO extremely high

frequency, EHF extremely low

frequency, ELF

geodeti[c][que], GEOD

height, HGT

hertz, HZ

high frequency, HF

infrared, IR

kilohertz, KHZ

low frequency, LF medium

frequency, MF

meteorolog[ical][ico][y], METEORO

metre[s], M

ordnance survey of great britain, OSGB

publication, PUB radio

frequency, RF

reconnaissance, RECONN

royal canadian navy, RCN

staphylococcus, STAPH

super high frequency, SHF

super low frequency, SLF

ultra-high frequency, UHF

ultra-low frequency, ULF

ultraviolet, UV

united arab emirates, UAE

very high frequency, VHF

very low frequency, VLF

Rationale: Compliance with the label formation rules given in clause 10.

**SEDRIS\_T060**: Correct the following in table G.5.

- For CLD, update the abbreviated term to "cloud[s]".
- For DEC, update the abbreviated term to "decreas[e][ed][ing]".
- For DELIB, update the abbreviated term to "deliberate[ly]".
- For HORIZ, update the abbreviated term to "horizontal[ly]".
- For INC, update the abbreviated term to "increas[e][ed][ing]".
- For ISO, update the abbreviated term to "international organization for standardization" to match table 3.3.
- For MMPH, update the abbreviated term to "millimetre[s] per hour ".
- For NDB, hyphenate the abbreviated term to match table 3.3.
- For OBS, update the abbreviated term to "observ[ed][ation][atorio][atory]".
- For POL, change 'or' to 'and' in the abbreviated term to match table 3.3.
- For REIL, change 'light' to 'lights' in the abbreviated term to match table 3.3.
- For TRI, change 'triangle' to 'triang[le][ulation]'.
- For US, add '[ of america]' to the end of the abbreviated term to match table 3.3.

<u>Rationale</u>: Compliance with the label formation rules given in clause 10, and consistency with table 3.3 where applicable. The abbreviations listed were being used for additional variants of the abbreviated terms which were not explicitly listed in the table.

#### Annex I

**SEDRIS\_T061:** For each table in I.2, I.3 (both tables), I.4, I.5, I.6, I.8 (both tables), and I.9, replace

References:	
Supplemental References:	
with	
References: 1)	
Supplemental References: 1)	

and add the following as a footnote to clause I:

1) If a new reference or a new supplemental reference is being cited, also submit I.10.

Rationale: Clarity.

**SEDRIS\_T062**: Update the tables in subclauses I.2, I.3 (both tables) and I.4 to add the new row shown below immediately following the existing "Definition:" rows.

	re re
Figure(s):	E Yes No
	If Yes, also submit I.11.

"

Rationale: Supply missing field for template.

**SEDRIS\_T063**: In I.10, first paragraph, remove final sentence.

<u>Rationale</u>: It can be desirable to add a new reference to the bibliography or clause 2, together with associated modifications to the references of existing EAs, ECs, EEs, etc. The restriction is not desirable.

**SEDRIS\_T064**: In I.10's template table, rename the 'Reference (bibliographic citation)' row to 'Bibliographic entry'.

Rationale: Improved clarity.

**SEDRIS\_T065**: In I.11's template table, change 'Used with (EC, EA, EV, EE)' to 'Used with (EC, EA, EE):', and change 'EA, EC, or EV label' to 'EA or EC label'.

Rationale: See technical comment removing figures from EVs.

#### Annex J

**SEDRIS\_T066**: Change the title of Annex J from 'Citation acknowledgements' to 'Reference acknowledgements', and update the table of contents accordingly.

<u>Rationale</u>: Consistency with clause 10. These acknowledge the references themselves.

**SEDRIS\_T067**: Add the following paragraph, as the new final paragraph of Annex J, for the acknowledgement of the SOED.

Materials used or derived from the following publication have been used by permission of Oxford University Press: *Shorter Oxford English Dictionary 6th Edition*, edited by Angus Stevenson (2007). ISBN 9780199206872. Also available on CD-ROM as ISBN 9780199231768.

<u>Rationale</u>: Requested by publisher in return for granting permission to quote. Note that the format for this paragraph was stipulated by Oxford University Press, and is different than that of the Bibliography. The format of the EDCS bibliography entry conforms to ISO 690, and uses the ISBN for the combination of the Book & CD, whereas the Oxford University Press requested separate ISBNs for the Book and the CD in the acknowledgement.

## **Bibliography**

**SEDRIS\_T068**: Rename the 'Reference' column to 'Bibliographic entry'.

Rationale: Improved clarity, as this change will result in less overloading of the term 'reference'.

**SEDRIS\_T069**: Update the bibliographic entry for SOED to cite the 6th rather than the 5th edition, so that the text will read as follows:

Stevenson, Angus (editor). *Shorter Oxford English Dictionary*. 6th ed. Oxford (UK): <a href="http://www.oup.com">Oxford University Press</a>, 2007. ISBN 9780199233243.

<u>Rationale</u>: Requested by publisher in return for granting permission to quote.