The Intermediate File Format C3S311a Lot 2 read me document version.02

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First row contains the column headers see below for explanation:

Source\_ID = Source identifier which will be issued by C3S Lot2

Station\_ID = Station Identifier - record number based on station configurations. e.g - WMO10002-1

Station\_name = station name

Alias\_station\_name = Alias station name (if more than one separate with a comma)

Year = Year (GMT) of the observation record

Month = Month (GMT) of the observation record

Day = Day (GMT) of the observation record

Hour = Hour (GMT) of the observation record

Minute = Minute (GMT) of the observation record

Latitude = Latitude coordinate of a geophysical observation (-90.00 to 90.00)

Longitude = The longitude coordinate of a geophysical observation (-180.00 – 180.00)

Elevation = The elevation of a geophysical observation in meters relative to Mean Sea Level

Observed\_value = The observed value (see variable units below)

Source\_QC\_flag = Quality Flags from source for observed value(see qc\_look\_up\_table for definitions)

Original\_observed\_value = original observed value (if available)

Original\_observed\_value\_units = original observed value units

Report\_type\_code = this code corresponds to the Geophysical Report e.g FM-12 FM-13 etc

Measurement\_code\_1 = Codes for additional source information about the observation (see measurement code table for definitions)

Measurement\_code\_2 = Codes for additional source information about the observation (see measurement code table for definitions)

Units (all variables should be in the following units for the IFF):

temperature = (degrees C)

dew\_point\_temperature = (degrees C)

wind\_direction = (degrees)

wind speed = (meters per second)

sea level pressure = (hPa hectopascals)

station\_level\_pressure = (hPa hectopascals)

Saving and file naming convention:

Save as a pipe [|] separated file ext = [.psv] one single variable per file.

Save the files in Level1/Land/ directory on the JASMIN workspace in the relevant Level1a timescale sub-directory, in the relevant variable specific sub-directory,

in the relevant source sub-directory. e.g /gws/nopw/j04/c3s311a\_lot2/data/Level1/Land/level1a\_sub\_daily\_data/sea\_level\_pressure/245

Name the IFF using the station ID - record number (for multiple station configurations) combined with the variable name (exactly as defined below) combined with source ID using \_ separators e.g IE9999-1\_sea\_level\_pressure\_245.psv

temperature

dew\_point\_temperature

wind\_direction

wind\_speed

sea\_level\_pressure

station\_level\_pressure