## **Change Log**

### **KEY**

* Issue#: Issue in GitHub
* PR#: Pull Request in GitHub (or commit number if no PR was made)
* Type:
  + A=Administrative
  + S=Substantive
  + C=Critical

See [[Clause\_Critical]](https://github.com/ogcscotts/ogc16-126/blob/master/clause-4-change-log.adoc#Clause_Critical) for more information on critical changes and [[Clause\_Substantive]](https://github.com/ogcscotts/ogc16-126/blob/master/clause-4-change-log.adoc#Clause_Substantive) for more information on substantive changes.

* Section: Section number in the updated document
* Description: Brief text describing the change
* Purpose: the reason for the change, such as:
  + Clarity
  + Consistency
  + Interoperability
  + Perfunctory
  + Readability
  + Usability

### **Change Table**

Table 1. Change Log

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issue#** | **PR#** | **Type** | **Section** | **Description** | **Purpose** |
| [209](https://github.com/opengeospatial/geopackage/pull/209) | [91006d3](https://github.com/jyutzler/geopackage/commit/91006d3d61d46ba5d7e01336da7d444882fa2791) | A | 1.1.1.1.1 | Clarify that GeoPackage header is null-terminated | Clarity |
| [213](https://github.com/opengeospatial/geopackage/issues/213) | [227](https://github.com/opengeospatial/geopackage/pull/227) | A | Annex B.2 | Add new terms and definitions | Clarity |
| [214](https://github.com/opengeospatial/geopackage/issues/214) | [219](https://github.com/opengeospatial/geopackage/pull/219) | A | Annex B.11-13 | Update UML diagrams to show DATETIME where appropriate | Consistency |
| [221](https://github.com/opengeospatial/geopackage/issues/221) | [251](https://github.com/opengeospatial/geopackage/pull/251) | S | 2.4 | Adding "attributes" section to describe use of non-spatial data | Addition |
| [222](https://github.com/opengeospatial/geopackage/issues/222) | [224](https://github.com/opengeospatial/geopackage/pull/224) | A | 1.1.3 | Rewrite description of gpkg\_contents table | Clarity |
| [228](https://github.com/opengeospatial/geopackage/issues/228) | [240](https://github.com/opengeospatial/geopackage/pull/240) | A | Annex F.8 | Simplify triggers to avoid failures on row-level entries | Usability |
| [231](https://github.com/opengeospatial/geopackage/issues/231) | [236](https://github.com/opengeospatial/geopackage/pull/236) | A | Annex F.9 | Correct wording in Table #42 | Clarity |
| [234](https://github.com/opengeospatial/geopackage/issues/234) | [239](https://github.com/opengeospatial/geopackage/pull/239) | S | Annex F.1 | Deprecate Requirement #69 | Usability |
| [235](https://github.com/opengeospatial/geopackage/issues/235) | [239](https://github.com/opengeospatial/geopackage/pull/239) | S | Annex F.2,4,5 | Deprecate extensions F.2, F.4, F.5 | Interoperability |
| [237](https://github.com/opengeospatial/geopackage/issues/237) | [236](https://github.com/opengeospatial/geopackage/pull/236) | A | 2.2.7.1.2 | Rewrite Requirement #53 | Clarity |
| [238](https://github.com/opengeospatial/geopackage/issues/238) | [236](https://github.com/opengeospatial/geopackage/pull/236) | A | Various | Typography | Readability |
| [241](https://github.com/opengeospatial/geopackage/issues/241) | [244](https://github.com/opengeospatial/geopackage/pull/244) | A | 2.3.2.1.1 | Update description for definition column | Usability |
| [242](https://github.com/opengeospatial/geopackage/issues/242), [257](https://github.com/opengeospatial/geopackage/issues/257) | [248](https://github.com/opengeospatial/geopackage/pull/248), et. al. | S | F.11-12 | Add Elevation extension to standard | Addition |
| [243](https://github.com/opengeospatial/geopackage/issues/243) | [ef2a9a0](https://github.com/jyutzler/geopackage/commit/ef2a9a086c581d75ffe2f0a021d37b56a5eee25b) | A | F.8 | Add default to SQL DDL | Consistency |
| [245](https://github.com/opengeospatial/geopackage/issues/245) | [267](https://github.com/opengeospatial/geopackage/pull/267) | A | Annex B.5-6 | Change Log | Perfunctory |
| [249](https://github.com/opengeospatial/geopackage/issues/249) | [259](https://github.com/opengeospatial/geopackage/pull/259) | A | Various | Typography | Readability |
| [254](https://github.com/opengeospatial/geopackage/issues/254) | [268](https://github.com/opengeospatial/geopackage/pull/268) | A | 2.3.2.1.1 | Updating rules for extensions in Requirement 58 | Clarity |
| [255](https://github.com/opengeospatial/geopackage/issues/255), [266](https://github.com/opengeospatial/geopackage/issues/266) | [264](https://github.com/opengeospatial/geopackage/pull/264), [273](https://github.com/opengeospatial/geopackage/pull/273) | S | 1.1.1.1.1, Annex A | Update versioning mechanism, allow for version increments in SQLite header | Interoperability |
| [258](https://github.com/opengeospatial/geopackage/issues/258) | [236](https://github.com/opengeospatial/geopackage/pull/236) | S | Annex F.10 | Correct column name for CRS WKT Extension | Consistency |
| [260](https://github.com/opengeospatial/geopackage/issues/260) | [263](https://github.com/opengeospatial/geopackage/pull/263) | A | Annex F.9 | Correct *min/max\_is\_inclusive* in abstract tests | Consistency |
| [261](https://github.com/opengeospatial/geopackage/issues/261) | [264](https://github.com/opengeospatial/geopackage/pull/264) | A | 1.1.1.1.2 | Eliminate .gpkx option | Usability |
| N/A | [269](https://github.com/opengeospatial/geopackage/pull/269) | A | 2.2.6.1.2 | Typography | Readability |
| N/A | N/A | S | Annex D | Add TimePeriodList to *timeseriesDR.xsd* schema to bound an observation/forecast that is valid for a span of time. | Addition |
| N/A | N/A | S | Annex D | Increase cardinality of timeseriesMetadata from “1” to “unbounded” to accommodate metadata applicable to an irregularly spaced time series for DR encoding. | Usability |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| N/A | N/A | S | Annex D | This update adds a specific count of the number of time steps in a timeseries, or each homogenous (regularly spaced) segment of an irregularly spaced whole timeseries. It is an optional TimeseriesMetadata property of type Integer for both the TVP and Domain-Range encodings. TimeseriesMetadata is of type "tsml:TimeseriesMetadataType" and the additional property will be added to this type. | Usability |