

All Fields marked with \* are mandatory.

|                                                                                                                                |                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Change Request #:</b>                                                                                                       | 241                                                                                                                                                                                                                                                                                 |
| <b>Assigned OGC Document #:</b>                                                                                                | 12-114                                                                                                                                                                                                                                                                              |
| <b>Name:</b>                                                                                                                   | *Josh Vote                                                                                                                                                                                                                                                                          |
| <b>Organization:</b>                                                                                                           | *CSIRO                                                                                                                                                                                                                                                                              |
| <b>Email:</b>                                                                                                                  | *Josh.Vote@csiro.au                                                                                                                                                                                                                                                                 |
| <b>Document Name/Version:</b>                                                                                                  | *Web Feature Service 2.0 Interface Standard (also ISO 19142) / 2.0                                                                                                                                                                                                                  |
| <b>OGC Project Document:</b>                                                                                                   | *09-025r1                                                                                                                                                                                                                                                                           |
| If this is a revision of a previous submission and you have a Change Request Number, then check here: <input type="checkbox"/> |                                                                                                                                                                                                                                                                                     |
| Enter the CR number here: 4                                                                                                    |                                                                                                                                                                                                                                                                                     |
| Enter the Revision Number that you are revising here: 3                                                                        |                                                                                                                                                                                                                                                                                     |
|                                                                                                                                |                                                                                                                                                                                                                                                                                     |
| <b>Title:</b>                                                                                                                  | *WFS Add support for unit of measure conversions                                                                                                                                                                                                                                    |
| <b>Source:</b>                                                                                                                 | *WFS-FES.SWG                                                                                                                                                                                                                                                                        |
| <b>Work item code:</b>                                                                                                         |                                                                                                                                                                                                                                                                                     |
| <b>Category:</b>                                                                                                               | * B (Addition of feature)                                                                                                                                                                                                                                                           |
|                                                                                                                                |                                                                                                                                                                                                                                                                                     |
| <b>Reason for change:</b>                                                                                                      | *<br>The current WFS standard has no support for unit of measure conversions.<br>Driving usecases:<br>* Get me everything that matches my filter where the literal has units of my choosing<br>* Get some features and portray their properties in a unit of measure of my choosing |
| <b>Summary of change:</b>                                                                                                      | *<br>* Support for units of measure in filter queries<br>* Support for unit of measure specification in responses                                                                                                                                                                   |
| <b>Consequences if not approved:</b>                                                                                           |                                                                                                                                                                                                                                                                                     |
|                                                                                                                                |                                                                                                                                                                                                                                                                                     |
| <b>Clauses affected:</b>                                                                                                       | *<br>See attached modular specification                                                                                                                                                                                                                                             |

|                                         |                                                                                                          |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------|
|                                         |                                                                                                          |
| <b>Additional Documents affected:</b> ⓘ | Filter Encoding 2.0 - 09-026r1                                                                           |
| <b>Supporting Documentation:</b> ⓘ      |                                                                                                          |
| <b>Comments:</b> ⓘ                      | This is a revision of previous change request. It is written using the modular specification principles. |
| <b>Status:</b> ⓘ                        | Assigned ⓘ                                                                                               |
| <b>Assigned To:</b> ⓘ                   | WFS/FES SWG ⓘ                                                                                            |
| <b>Disposition:</b> ⓘ                   | Referred and Posted ⓘ                                                                                    |