

All Fields marked with \* are mandatory.

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Change Request #:</b>                                                                                                                                                                                                                                                             | 59                                                                                                                                                                                                                                                                                                                                         |
| <b>Assigned OGC Document #:</b>                                                                                                                                                                                                                                                      | 10-066                                                                                                                                                                                                                                                                                                                                     |
| <b>Name:</b>                                                                                                                                                                                                                                                                         | *Lorenzo Bigagli                                                                                                                                                                                                                                                                                                                           |
| <b>Organization:</b>                                                                                                                                                                                                                                                                 | *IMAA-CNR, Univ. Florence                                                                                                                                                                                                                                                                                                                  |
| <b>Email:</b>                                                                                                                                                                                                                                                                        | *lorenzo.bigagli@cnr.it                                                                                                                                                                                                                                                                                                                    |
| <b>Document Name/Version:</b>                                                                                                                                                                                                                                                        | *The Specification Model – Standard for Modular specifications / 1.0.0                                                                                                                                                                                                                                                                     |
| <b>OGC Project Document:</b>                                                                                                                                                                                                                                                         | *08-131r3                                                                                                                                                                                                                                                                                                                                  |
| <p>If this is a revision of a previous submission and you have a Change Request Number, then check here:</p> <p><input type="checkbox"/></p> <p>Enter the CR number here: <input type="text"/></p> <p>Enter the Revision Number that you are revising here: <input type="text"/></p> |                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                            |
| <b>Title:</b>                                                                                                                                                                                     | *Semantics of requirements class extension                                                                                                                                                                                                                                                                                                 |
| <b>Source:</b>                                                                                                                                                                                    | *Lorenzo Bigagli                                                                                                                                                                                                                                                                                                                           |
| <b>Work item code:</b>                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                            |
| <b>Category:</b>                                                                                                                                                                                  | * <input type="text" value="F (Critical correction)"/>                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                            |
| <b>Reason for change:</b>                                                                                                                                                                         | <p>*<br/>The current conceptual framework cannot capture restrictive requirements, that are very common, e.g. in Application Schemas (see OWS Commons, §11.6.6), Profiles, etc.<br/>The intended rationale to prevent limitations to possible future standard extensions results in inconsistency, with the current wording of Req 25.</p> |

|                                                                                                                         |                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Summary of change:</b>              | <p><b>*</b></p> <p>Reformulate to allow restrictive constraints and clarify Requirements class extension (see generalization/specialization in UML and the extension/restriction mechanism of the XML Schema Language).</p> |
| <b>Consequences if not approved:</b>   | <p>All OGC standards will have to comply with 08-131r3, which forbids restrictions and is inconsistent.</p>                                                                                                                 |
|                                                                                                                         |                                                                                                                                                                                                                             |
| <b>Clauses affected:</b>               | <p><b>*</b></p> <p>§6.5.5 (Req 25) and related content.</p>                                                                                                                                                                 |
| <b>Additional Documents affected:</b>  |                                                                                                                                                                                                                             |
| <b>Supporting Documentation:</b>       |                                                                                                                                                                                                                             |
| <b>Comments:</b>                     |                                                                                                                                                                                                                             |
| <b>Status:</b>                       | Assigned                                                                                                                                 |
| <b>Disposition:</b>                  | Reffered                                                                                                                                 |