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Change Request #:	33
Assigned OGC Document #:	09-187
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Document Name/Version:	*Web Map Service (WMS) Implementation Specification / 1.3.0
OGC Project Document:	*06-042
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: <input type="text"/>	
Enter the Revision Number that you are revising here: <input type="text"/>	
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Title:	*Web Map Service (WMS) Implementation Specification
Source:	*06-042
Work item code:	
Category:	* B (Addition of feature)
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Reason for change:	* The OGC Web Map Service (WMS) specification states that all data layers in the view must have the same projection and datum. However, in order to achieve this some of the data may have needed prior transformation (conversion from one Coordinate Reference System and projection to another) . The issue is that the WMS specification does not currently allow the service creator to record that a transformation has taken place or how it was done.
Summary of change:	* To modify the WMS 1.3 specification OGC to include a new element to record any transformation information.

Consequences if not approved:

Transformation can be a tricky process and often there are many ways (the use of Different algorithms) of executing a transformation between projections. The problem is that transformations can produce small positional errors in the data. Whilst this would not be a problem for many applications. Those requiring a greater level of accuracy such as targeting or navigation need to understand what that error is and be able to correct it. Hence the proposal for modifying the specification.

Clauses affected:

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The recommendation is to include additional Elements (clauses)) to record the transformation information as such existing clauses are not expected to be affected

Additional Documents affected:

Supporting Documentation:

Comments:

Status:

Assigned

Disposition:

Referred