



ISO/TC 211

Geographic information/Geomatics

WG4 Geospatial Services

2000-09-07/08

Plenary presentation

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WI 16 Positioning Services

Comments on CD1 were resolved in Cape Tow, harmonization and corrections to be performed by the editor. Updated draft and disposition of comments with actions submitted to the EC. New version submitted to the EC in the middle of may.

Harmonization tasks completed during this week.

After approval of EC a 2nd CD will be submitted to the secretariat in the end of September.

Next EC meeting in the end of January or in Portugal.





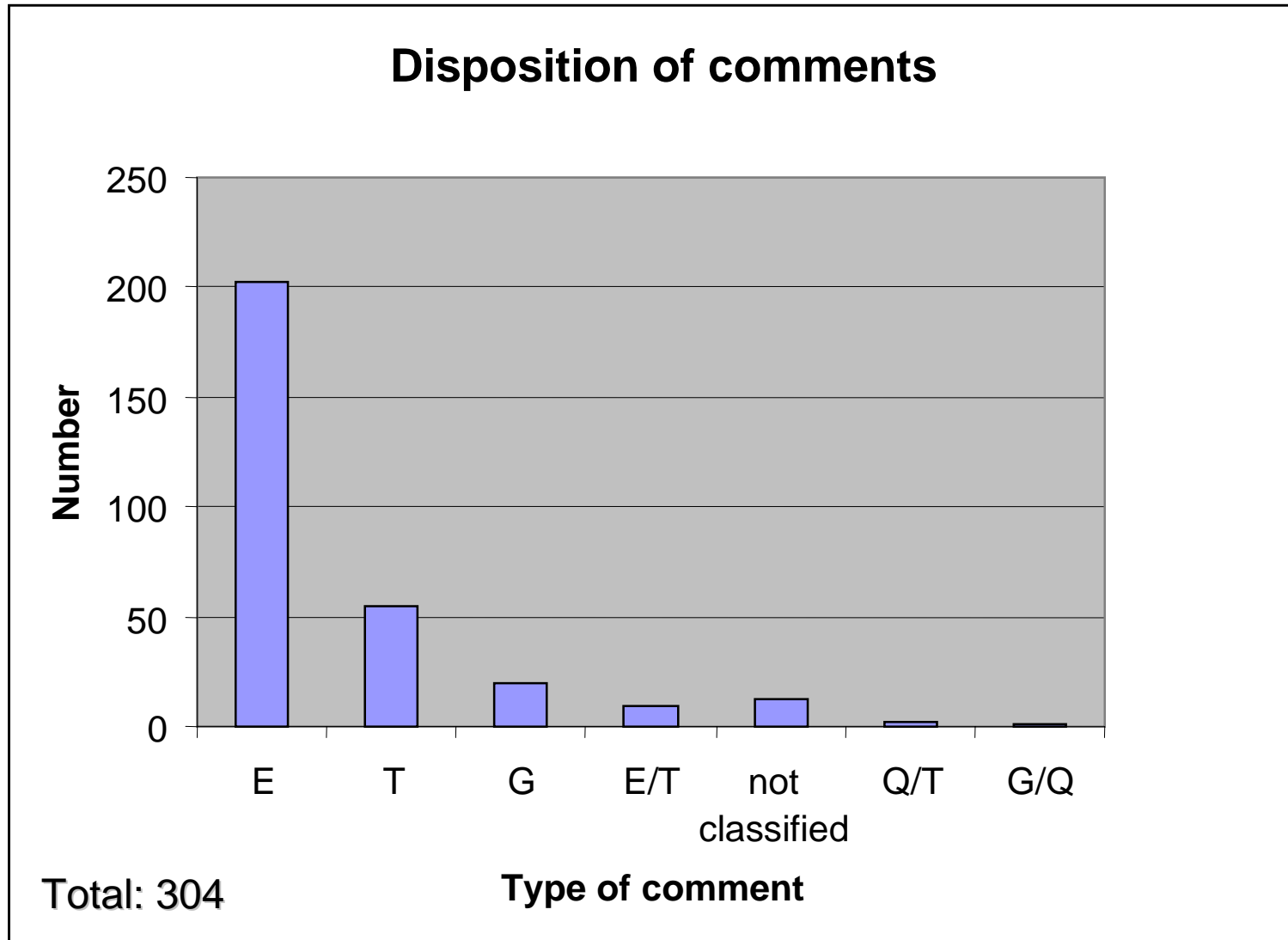
WI 17 Portrayal

EC-meeting in Cape Town.

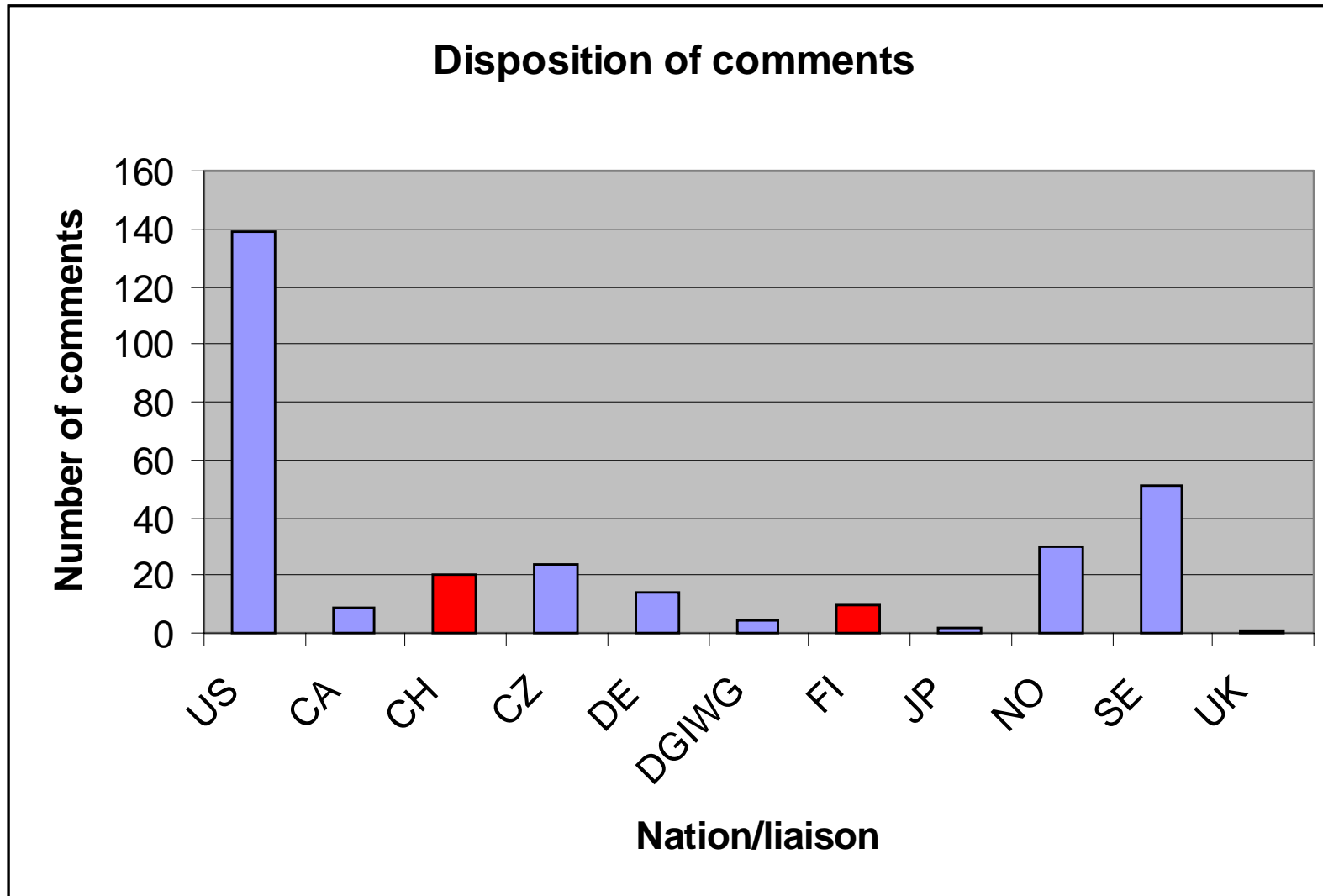
According to the editor the final version is (or will be) submitted to the EC for approval this week.



WI 18 Encoding



WI 19 Encoding

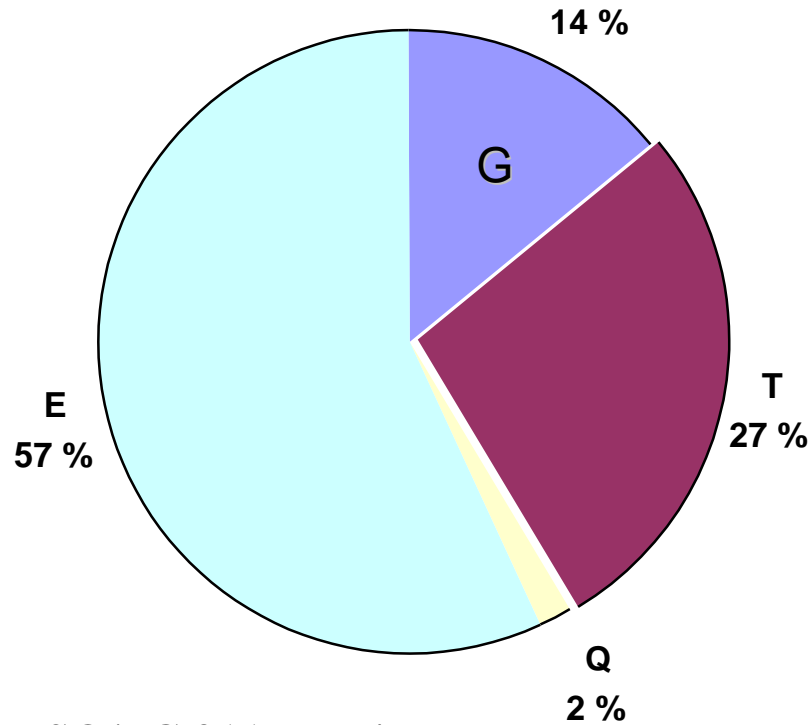




WI 19 Encoding

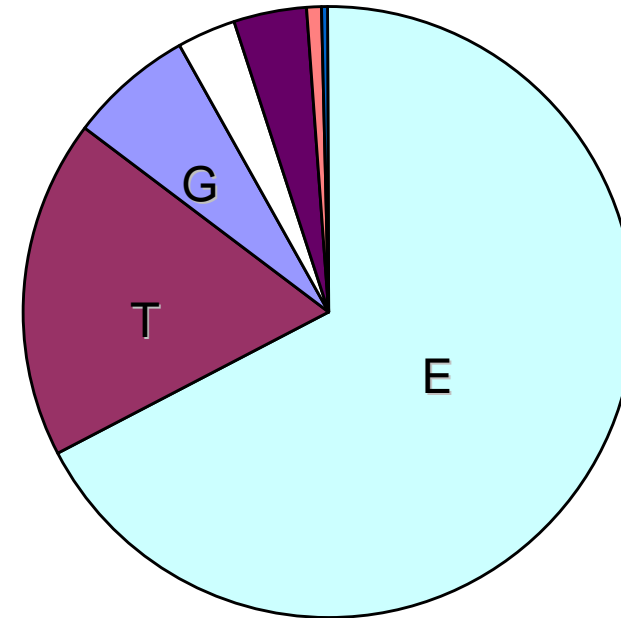


CD1 - 351 comments



ISO/TC 211 - N749
209 Editorial (16 comments were multiple)
52 General
100 Technical
6 Questions

CD2 - 303 comments



ISO/TC 211 - N963
202 Editorial
20 General
55 Technical
24 div (no type or combinations)





WI 19 Encoding

Harmonisation with GML

The EC proposes to make a request through TOGC, to ask OGC to consider to explicitly use and refer to the XML encoding rule in ISO 19118 in their next version of GML.

In addition it was agreed to add a new clause in Annex F of ISO 19118 that shows XML encoding of the Simple Feature UML model of ISO 19125. The basis for this work is document: Simple_Features_ISO_Encoding.doc , submitted to the EC-members as the preparatory work.





The role of XML Schema and DTD



The problem is that XML Schema is still not a formal W3C recommendation, and the role of XML schema was questioned. The alternative proposed was to go back to the DTD approach in the previous CD 1, There are comments from member nation that stated that we should stick to established technology.

The decision from the EC-committee for the previous CD stated that the schema for the output data structure shall follow the principles of XML Schema, and it was anticipated that the XML schema W3C recommendation should be finalized in the end of 1999. Further, comments on the DTD based CD1 clearly stated that the current DTD approach was too complicated.

The EC was unable to reach an unanimous agreement on this. The further actions were settled by vote. (Majority 6, minority 2, abstain 1):

Alternative 1 (6):

Continue the current XML-schema approach allowing both XML-schema and DTDs.

Ask EMC/TC to choose one out of two alternatives:

- publish DIS w/possible corrigendum.
- delay until XML Schema is a W3C recommendation.

In the mean time recommend XMI for data exchange.

Alternative 2 (2):

Proceed with DTD-encoding based on previously CD1, with possibly delays from testing. Use of XML Schema described in informative Annex.





WI 19 Services



EC meeting in Reston

-Resolved 165 comments (3 rejected)

New example of Gazzeteer service (informative)

-related to location-based mobile services

Schedule

-CD2 before Lisbon meeting

-EC – CD2 planned in conjunction with OGC meeting, Jun 4-8, 2001.

