



INTELLECTUAL PROPERTY RIGHTS POLICY OF THE OPEN GEOSPATIAL CONSORTIUM, INC.

Revised 11 July 2007

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INTELLECTUAL PROPERTY RIGHTS POLICY

of the

Open Geospatial Consortium, Inc.

As approved on 11 July 2007

Copyright Notice

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Revision History

Version	Date	Author/Editor	Comments
1.0	9 May 2002	Jeff Burnett et al	Adopted by OGC Board of Directors on 9 May 2002.
1.1 1	7 April 2003	Jeff Burnett et al	Accepted by OGC Board of Directors on 17 April 2003.
1.1.1	19 May 2003	Jeff Burnett	Clarifying edits.
1.1.2 3	1 August 2004	Jeff Burnett	Change of name from Open GIS Consortium, Inc. to Open Geospatial Consortium, Inc.
2.0	11 July 2007	Jeff Burnett et al	Revision dated 11 July 2007 accepted by the OGC Board of Directors by unanimous consent. Major revision that defines Standards Working Groups, with IPR licensing options at time of charted, and the ability of Members to “opt-in”, or not. Effective after 60-day notice period, on 1 October 2007.

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Future Work

The document is periodically reviewed by and changes are made only with the approval of the Board of Directors of the Open Geospatial Consortium, Inc.

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1. IPR Generally

1.1. Purpose

Open Geospatial Consortium, Inc. (the "OGC") has adopted this Intellectual Property Rights Policy (the "Policy") and related Policies and Procedures documents in order to minimize the possibility of inadvertent infringement of the IPR of Members and third parties using or implementing any OGC Standards.

1.2. Applicability

All Members, all Member Representatives, and all third parties attending any technical process meeting are subject to this Policy and the Policies and Procedures. Members and their Representatives are so bound under the terms of the OGC membership application, and all third parties shall be required to sign an appropriate acknowledgement of the foregoing as a precondition to participating in the OGC technical process.

2. Definitions and Acronyms

Term	Definition
Call for Patents	See Section 3.4 below.
Contribution	An affirmative and knowing contribution, in written or electronic form, with the intention that such material be considered for inclusion in a Proposed Standard or Other Work Product. A Contribution may occur: as a result of an unsolicited offer to OGC of existing technology by a Member or third party; in response to a general OGC request for proposals; or from a Participant at any time during a technical process.
Contributor	Both a Member as well as any Representative(s) of a Member, and any other person or entity making a Contribution.
Implementers	Those Members and non-Members who desire to use or implement a Standard.
IPR	An abbreviation of "Intellectual Property Rights". As used in this Policy, IPR means claims in patents and patent applications and copyrights, but excludes trademarks and trade secrets, which are not included in a Participant and Member's licensing obligations.
License	With respect to any Proposed Standard, either (a) an agreement to license Necessary Claim(s) thereunder that are Owned by such Member to any Member or non-Member Implementer, (i) on a nonexclusive, non-transferable, non-sub licensable, worldwide, perpetual, basis, and (ii) on RAND terms, to make, have made, use,

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	reproduce, market, import, offer to sell and sell, and to otherwise distribute implementations of such Proposed Standard or (b) a binding, perpetual, irrevocable commitment, in a form acceptable to OGC, not to assert such Necessary Claim(s) against any Member or non-Member Implementer of such Proposed Standard, but only to the extent that such Necessary Claim(s) is (are) necessary to implement such Proposed Standard; in each case, conditional upon such Proposed Standard becoming a Standard.
Member	An OGC member, as defined in Article II of the OGC Bylaws.
Necessarily Infringed	Unavoidable infringement by an implementation of a Normative Element of a Standard, there being no technically or commercially reasonable alternative way to implement that element of the Standard without resulting in such infringement.
Necessary Claims	Those claims of a patent or patent application, throughout the world, excluding design patents and design registrations, Owned by a Member or its Related Parties now or at any future time and which would be Necessarily Infringed by implementation of a Standard. Notwithstanding the foregoing, Licensed Claims shall not include any claims (i) relating to any enabling technologies that may be necessary to make or use any implementation of a Standard but are not themselves expressly set forth in the Standard (e.g., semiconductor manufacturing technology, compiler technology, object oriented technology, basic operating system technology, and the like); or (iii) necessary for the implementation of other published standards developed elsewhere and merely referred to in the body of the Standard. For purposes of this definition, a Standard shall be deemed to include only architectural and interconnection requirements essential for interoperability and shall not include any implementation examples unless such implementation examples are expressly identified as being required for compliance with the Standard.
Normative Element	Any element of a Proposed Standard or Standard that must be implemented in order to comply with such Proposed Standard or Standard. If such Proposed Standard or Standard defines optional elements, Normative Elements include those elements of the optional part that must be implemented if the implementation is to comply with such optional part. Examples and/or reference implementations and other standards or standards that were developed outside the SWG and which are referenced in the body of a particular Proposed Standard or Standard that may be included therein are not Normative Elements.

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Other Work Product	Any SWG deliverable that is not a Proposed Standard or Standard. Unless the context otherwise requires, any reference to the adoption of Other Work Product shall also be deemed to apply to the adoption of an amendment to that Other Work Product as well.
Owned	With respect to any Necessary Claim(s), the word "Owned" includes any Necessary Claim(s) that are controlled but not Owned by the Member in question, provided that the Member in question is (i) entitled to sublicense such Necessary Claim(s), and (ii) would not incur an obligation to pay any royalty or other compensation to the true owner of such Necessary Claim(s) in connection with a sublicense.
Participant	Any Member (or, if permitted, non-Member) that enrolls to take part in a SWG that has not withdrawn from such SWG within 60 days of the date upon which that SWG was chartered, or that enroll in a SWG after such 60 day period.
Policies and Procedures	Individually or collectively, as the context requires, the OGC Technical Committee Policies and Procedures, and the OGC Interoperability Program Policies and Procedures.
Proposed Standard	A draft Standard, or a draft OGC Implementation Standard (as defined in the Policies and Procedures document) prior to the adoption of such material as a Standard, or other final disposition.
RAND	Reasonable and Non-Discriminatory.
RAND-Fee SWG	Any Standards Working Group whose charter does not specify that it is a RAND-Royalty Free SWG.
RAND-Royalty Free SWG	A Standards Working Group whose charter specifies that no Participant may assert a right to require payment of royalties or other fees under a License to any IPR owned by such respondent that is necessary to implement the Standard developed by such Standards Working Group and ultimately adopted by the OGC.
Related Party	Any entity that is directly or indirectly controlled by the subject party. For this purpose, "control" means beneficial ownership or the right to exercise more than 50% of the voting power for the entity.
Representative	Any individual that acts on behalf of a Member in connection with a SWG, or in the completion of any form to be delivered to OGC pursuant to this IPR Policy or the Policies and Procedures.
Standard	A Proposed Standard that has been formally adopted by OGC. Unless the context otherwise requires, any reference to the adoption of a Proposed Standard shall also be deemed to apply to the adoption of an amendment to a Standard as well.

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Standards Working Group (SWG)	A Working Group that has been so designated pursuant to Section 3.1.1 of this IPR Policy.
SWG Member	With respect to a given Standards Working Group, any Member that has enrolled in that Standards Working Group.
Technical Committee (TC)	At any relevant time, the most senior technical committee involved in the technical process.
Working Group (WG)	A subgroup of the TC.

3. Necessary Claims

3.1. Designations

At the time that a Working Group is created, the charter of that Working Group shall include the designations specified below.

3.1.1. Standards Working Group

The charter shall specify whether or not it is within its charge to develop any work product that, if implemented, might include patented technology. In the event that such an activity is within the charge of such Working Group, then it shall be designated a Standards Working Group, and the terms of this Section 3, and all related provisions of the OGC Policies and Procedures, shall apply to such Working Group. In all cases where it is uncertain whether such work product might contain patented technology, the Working Group shall be designated as a Standards Working Group. If at any time during the existence of a Working Group that has not been so designated it becomes apparent to the Chair of such Working Group that patented technology may enter into its work product, then the Working Group shall be re-chartered as a Standards Working Group.

3.1.2. Licensing Options

The charter of each SWG shall specify whether the SWG to be formed is a RAND-Royalty Free SWG or a RAND-Fee SWG.

3.2. Required Commitments and Elections

3.2.1. Contributions

Any Contributor making a Contribution to any SWG (regardless of its licensing designation) must commit at the time of making such Contribution that if the Proposed Standard in connection with which the Contribution is made is finally approved by OGC, the Contributor will provide a License to all patent claim(s) Owned by it that become Necessary Claim(s) by reason of its making a Contribution, without compensation and otherwise on a RAND basis, to all Implementers. Such commitment shall be made pursuant to a written declaration in the form of **Appendix A** to this IPR Policy.

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3.2.2. RAND-Royalty Free Standards Working Groups

(a) Except as provided in Section 3.2.2(b) below, each Participant in a RAND-Royalty Free SWG shall automatically be committed to provide a License to all patent claims Owned by it, that become Necessary Claim(s) under the Proposed Standard referred to in the charter of such SWG, and whether or not the same have become Necessary Claims by reason of its having made a Contribution, without compensation and otherwise on a RAND basis, to all Implementers.

(b) In the event that a Participant in a RAND-Royalty Free SWG becomes aware at any time that a patent claim Owned by it, other than a Necessary Claim that the Participant is under an obligation to license pursuant to Section 3.2.1 above, would be a Necessary Claim under the Proposed Standard under development, and such Participant is not willing to provide a License to such Necessary Claim in the manner provided in Section 3.2.2(a) above, then it may avoid such obligation (but not any of its obligations under Section 3.2.1 above with respect to such Proposed Standard), subject to fulfilling the following requirements: (i) it discloses the Necessary Claim, and the portion of the Proposed Standard the implementation of which would result in the infringement of such Necessary Claim, and (ii) such disclosure is made prior to the date upon which a final vote by the RAND-Royalty Free SWG to recommend adoption of the Proposed Standard commences.

3.2.3. RAND-Fee Standards Working Groups

(a.) Any Participant must, at the time that a Proposed Standard is posted for final Participant comments (and whether or not such entity is still a Participant at such time), elect one of the following:

- i. Royalty Free RAND License. Agree that if the Proposed Standard is finally approved by OGC, the Participant will provide a License to all Necessary Claim(s) Owned by it, without compensation and otherwise on a RAND basis, to all Implementers; or
- ii. RAND License with Royalty. Agree to the same terms, but reserving the right to charge a royalty or other fee on RAND terms; or
- iii. Withholding of License as to Identified Necessary Claims. Identify those Necessary Claims Owned by it under the Proposed Standard, in its then-current form, and the portion of the Proposed Standard that would result in such infringement, and indicate that no guarantee of license rights is being made (or that such rights will in fact be denied in some or all cases) as to such Necessary Claims. In the case of Necessary Claims under non-public patent applications, the disclosure of such claims need not be in such detail as would disclose any trade secrets.

[**Note:** A Participant may elect option i. or ii. as to some Necessary Claim(s), and this option as to other Necessary Claim(s)].

Provided, however, that an election form returned pursuant to this Section 3.2.3 by a Participant that was a Contributor shall only apply to those portions of a Proposed Standard that do not derive from such Participant's Contribution, and the Contributor's original

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undertakings under Section 3.2.1 above shall continue to be binding as to the balance of the Proposed Standard.

(b.) No elections under this Section 3.2.3 may be required to be made in less than 45 days from the date that a Proposed Standard has been posted for final comments, and electronic notification of such posting has been sent to each Participant. All elections by Participants shall be made pursuant to a written election in the form of **Appendix B** to this IPR Policy.

3.2.4. At Technical Committee Adoption

Any Member of the Technical Committee that desires to participate in a vote to recommend a Proposed Standard developed by a Standards Working Group to the Planning Committee for adoption must submit, when required, a completed election form in the form of **Appendix B** to this IPR Policy. No elections under this section 3.2.4 may be required to be made in less than 45 days from the date that a Proposed Standard has been posted for such vote, and electronic notification of such posting has been sent to each such Member.

3.3. Patent Calls

At the beginning of every in-person meeting, teleconference, Web conference or equivalent collaborative activity that occurs as a part of the technical process, a Patent Call shall be made. The text to be employed in making Patent Calls is set forth in **Appendix C** to this Policy.

3.4. Sanctions for Failure to Respond or to Knowingly withhold IPR

(a.) In the event that:

- i. Any Representative knowingly and willfully fails to respond to a Patent Call with respect to all Necessary Claims that are personally known to such Representative and are Owned by such Representative or his/her employer, or
- ii. A Participant fails to timely return a signed and completed election form as required by Section 3.2.3 above,

Then such Participant or non-Participant Member (or the Member represented by the Representative referred to in i. above, as the case may be), shall be deemed to have elected to License all of its Necessary Claims under the Standard in question, with the terms to be as set forth in Section 3.2.3(a)i or 3.2.3(a)ii above.

(b.) If a non-Participant Member fails to submit a signed and completed election form as required by Section 3.2.4 together with its vote, then such non Participant Member shall be deemed to have elected to License all of its Necessary Claims under the Standard in question, with the terms to be as set forth in Section 3.2.3(a)i or 3.2.3(a)ii above.

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3.5. Document Notations

3.5.1. Notation when no Necessary Claims have been Identified

All Proposed Standards that are subject to public comment and all Standards shall include the following introductory language:

"Recipients of this document are requested to submit, with their comments, notification of any relevant patent claims or other intellectual property rights of which they may be aware that might be infringed by any implementation of the standard set forth in this document, and to provide supporting documentation."

All Standards shall additionally include the following introductory language:

"THIS STANDARD IS BEING OFFERED WITHOUT ANY WARRANTY WHATSOEVER, AND IN PARTICULAR, ANY WARRANTY OF NON-INFRINGEMENT IS EXPRESSLY DISCLAIMED. ANY USE OF THIS STANDARD SHALL BE MADE ENTIRELY AT THE IMPLEMENTER'S OWN RISK, AND NEITHER OGC, NOR ANY OF ITS MEMBERS OR CONTRIBUTORS, SHALL HAVE ANY LIABILITY WHATSOEVER TO ANY IMPLEMENTER OR THIRD PARTY FOR ANY DAMAGES OF ANY NATURE WHATSOEVER, DIRECTLY OR INDIRECTLY, ARISING FROM THE USE OF THIS STANDARD."

3.5.2. Notation when Necessary Claims or other IPR are Identified

(a.) When Necessary Claims or other IPR have been identified for Proposed Standards, or thereafter with respect to already published Standards, a notice substantially as follows shall, subject to subsection 3.5.2(b) also be included in the introductory language:

"OGC draws attention to the fact that it is claimed that compliance with this standard may involve the use of a patent or other intellectual property right (collectively, "IPR") concerning [Subject Matter] given in [Sub clause]. OGC takes no position concerning the evidence, validity or scope of this IPR."

"The holder of this IPR has assured OGC that it is willing to license all "Necessary Claims" (as defined under the OGC IPR Policy) relating to this standard it owns [and any third party Necessary Claims it has the right to sublicense] which might be infringed by any implementation of this standard to OGC and those licensees (Members and non-Members alike) desiring to implement this standard. The statement of the holder of this IPR to such effect has been filed with OGC. Information may be obtained from:

[Name of Holder of Right]

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[Address]

"Attention is also drawn to the possibility that some of the elements of this standard may be the subject of IPR other than those identified above. OGC shall not be responsible for identifying any or all such IPR.

"THIS STANDARD IS BEING OFFERED WITHOUT ANY WARRANTY WHATSOEVER, AND IN PARTICULAR, ANY WARRANTY OF NON-INFRINGEMENT IS EXPRESSLY DISCLAIMED. ANY USE OF THIS STANDARD SHALL BE MADE ENTIRELY AT THE IMPLEMENTER'S OWN RISK, AND NEITHER OGC, NOR ANY OF ITS MEMBERS OR CONTRIBUTORS, SHALL HAVE ANY LIABILITY WHATSOEVER TO ANY IMPLEMENTER OR THIRD PARTY FOR ANY DAMAGES OF ANY NATURE WHATSOEVER, DIRECTLY OR INDIRECTLY, ARISING FROM THE USE OF THIS STANDARD."

(b.) In the event that the owner of any IPR has asserted that infringement would result from the implementation of a Proposed Standard or Standard and such owner has refused to grant a license under the terms of this Policy, then the second paragraph of the above notice shall be replaced or supplemented, as appropriate, with the following:

"The holder of such IPR has refused a request by OGC that it agree to make a license available for the purpose of implementing this standard. Information may be obtained from:

[Name of Holder of Right]

[Address]"

3.6. *Patent Searches*

In no event shall OGC, or any Representative, Participant or non-Participant Member be obligated to conduct any patent searches regarding any Necessary Claims that may be infringed by any implementation of a Proposed Standard or Standard.

3.7. *Patent Claims Revealed After Publication*

In the event that a Necessary Claim is first revealed by a Member or third party following adoption and publication of a Standard (other than a Necessary Claim subject to sanction under Section 3.4 above), such holder will be asked to License the Necessary Claim in the manner outlined in Section 3.2.3(a)(i) or 3.2.3(a)(ii) above. If such request is refused, the Standard in question shall be referred back to the Technical Committee for further consideration, as appropriate.

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4. Copyrights

4.1. *Copyright in Standards*

The copyright for all Standards and Other Work Product shall belong to OGC.

4.2. *Contributions of Copyrighted Materials*

Each Contributor who contributes copyrighted materials to OGC shall retain copyright ownership of its original work, while at the same time granting OGC a non-exclusive, irrevocable, worldwide, perpetual, royalty-free license under the Contributor's copyrights in its Contribution to reproduce, distribute, publish, display, perform, and create derivative works of the Contribution based on that original work for the purpose of developing a Proposed Standard, Standard or Other Work Product under OGC's own copyright.

5. Trade Secrets

Participants and other Members will not be expected to reveal trade secret information in the course of participation in any OGC activity, nor will they be asked by OGC to sign non-disclosure agreements. Each Member agrees that Contributions shall be considered non-confidential and non-proprietary information, regardless of any markings to the contrary included thereon. OGC will not be held responsible for the disclosure of any Member's or non-Member's trade secrets, regardless of the circumstances.

6. Trademarks

6.1. *OGC Trademarks*

Trademarks created by OGC, registered or otherwise, are the property of OGC. Use of OGC trademarks shall be governed by such policies, procedures and guidelines as may be established and approved by OGC from time to time, and applicable law.

6.2. *Non-OGC Trademarks*

OGC's use of third-party trademarks, registered or otherwise, shall be governed by such policies, procedures and guidelines as may be established and approved by the owners of such trademarks, and applicable law. No right to use the trademark of any Member shall be implied solely by reason of such entity becoming a Member.

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Appendix A

Open Geospatial Consortium, Inc.

CONTRIBUTION OF TECHNOLOGY FORM

NOTE: All blanks must be completed in order for this Contribution to be given consideration. This Contribution is subject to the Intellectual Property Rights Policy (the "IPR Policy") of Open Geospatial Consortium, Inc. (the "OGC"), and the Policies and Procedures document of the OGC (collectively, both such documents being referred to below as the "Policies and Procedures"). *All capitalized terms used in this form are intended to have the meanings given to them in Exhibit A attached to this form.*

Name of Contributor:	
Name of Representative Completing this Form on Behalf of Contributor:	
Mailing Address of Representative:	
Email Address of Representative:	
Draft Standard and RFP (if any) to which this Contribution relates:	

A The Representative hereby represents the following on behalf of him/herself and the Contributor, as the context requires:

1. The Representative is authorized to make the Contribution attached hereto as **Exhibit B** on behalf of the Contributor, and to make the following representations and warranties.
2. The Contributor has reviewed the Policies and Procedures and agrees that its Contribution is being made in full compliance with the same.
3. The Contributor hereby irrevocably agrees that if its Contribution is incorporated, either in whole or in part, into the Draft Standard referenced above, that on request it will provide to all Implementers, without compensation and otherwise on a RAND basis, a License to all patent claim(s) Owned by it and/or any of its Related Parties that become Necessary Claim(s) by reason of its making a Contribution.
4. The Contributor hereby grants the OGC a non-exclusive, irrevocable, worldwide, perpetual, royalty-free license under the Contributor's copyrights in its Contribution to reproduce, distribute, publish, display, perform, and create derivative works of the Contribution based on that original work for the purpose of developing a Proposed Standard, Standard or Other Work

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Product under OGC's own copyright, and agrees that in the event the Contribution is accepted, in whole or in part, that the OGC will own the copyright in the resulting Standard and all rights therein, including the rights of distribution. This agreement shall not in any way deprive the Contributor of any patent claims or other IPR relating to the technology to which its Contribution relates.

5. The Contributor is not aware of any Necessary Claim(s) or other IPR of any third party that might be infringed by the implementation of the Standard referenced above as a result of the incorporation of the Contribution therein, whether in whole or in part. If the Contributor is aware of any such potential infringement, then the Contributor has described such Necessary Claim(s) on **Exhibit C**, together with any supporting documentation that may be readily available to the Contributor.

B. The OGC, in accepting this Contribution, acknowledges the following:

1. The representation required in paragraph A.5 above is being solicited purely for informational purposes, and the OGC will not be relying on such representation or otherwise holding the Representative or Contributor responsible for its completeness or accuracy.

2. EXCEPT AS SPECIFICALLY PROVIDED FOR ABOVE, THIS CONTRIBUTION IS BEING OFFERED WITHOUT ANY WARRANTY WHATSOEVER, AND IN PARTICULAR, ANY WARRANTY OF NON-INFRINGEMENT IS EXPRESSLY DISCLAIMED, EXCEPT TO THE EXTENT OF KNOWING FALSITY IN ANY STATEMENT MADE ABOVE. ANY IMPLEMENTATION OF ANY STANDARD INCORPORATING THIS CONTRIBUTION IN WHOLE OR IN PART SHALL BE MADE ENTIRELY AT THE IMPLEMENTER'S OWN RISK, AND THE CONTRIBUTOR SHALL HAVE NO LIABILITY WHATSOEVER TO ANY IMPLEMENTER OR THIRD PARTY FOR ANY DAMAGES OF ANY NATURE WHATSOEVER DIRECTLY OR INDIRECTLY ARISING FROM SUCH IMPLEMENTATION, EXCEPT AS A RESULT OF ANY KNOWING FALSITY IN ANY STATEMENT MADE ABOVE.

This Contribution has been made on _____, 200_.

Name of Contributor

By: _____
Signature of Representative

Name: _____

Exhibit Index:

- A: Defined Terms**
B: Contribution
C: Third Party Necessary Claims (if any)

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Exhibit A

DEFINED TERMS

Term	Definition
Contribution	An affirmative and knowing contribution, in written or electronic form, with the intention that such material be considered for inclusion in a Proposed Standard or Other Work Product. A Contribution may occur: as a result of an unsolicited offer to OGC of existing technology by a Member or third party; in response to a general OGC request for proposals; or from a Participant at any time during a technical process.
Contributor	Both a Member as well as any Representative(s) of a Member, and any other person or entity making a Contribution.
Implementers	Those Members and non-Members who desire to use or implement a Standard.
IPR	An abbreviation of "Intellectual Property Rights". As used in this Policy, IPR means claims in patents and patent applications and copyrights, but excludes trademarks and trade secrets, which are not included in a Participant and Member's licensing obligations.
License	With respect to any Proposed Standard, either (a) an agreement to license Necessary Claim(s) thereunder that are Owned by such Member to any Member or non-Member Implementer, (i) on a nonexclusive, non-transferable, non-sub licensable, worldwide, perpetual, basis, and (ii) on RAND terms, to make, have made, use, reproduce, market, import, offer to sell and sell, and to otherwise distribute implementations of such Proposed Standard or (b) a binding, perpetual, irrevocable commitment, in a form acceptable to OGC, not to assert such Necessary Claim(s) against any Member or non-Member Implementer of such Proposed Standard, but only to the extent that such Necessary Claim(s) is (are) necessary to implement such Proposed Standard; in each case, conditional upon such Proposed Standard becoming a Standard.
Member	An OGC member, as defined in Article II of the OGC Bylaws.
Necessarily Infringed	Unavoidable infringement by an implementation of a Normative Element of a Standard, there being no technically or commercially reasonable alternative way to implement that element of the Standard without resulting in such infringement.
Necessary Claims	Those claims of a patent or patent application, throughout the world, excluding design patents and design registrations, Owned by a

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	Member or its Related Parties now or at any future time and which would be Necessarily Infringed by implementation of a Standard. Notwithstanding the foregoing, Licensed Claims shall not include any claims (i) relating to any enabling technologies that may be necessary to make or use any implementation of a Standard but are not themselves expressly set forth in the Standard (e.g., semiconductor manufacturing technology, compiler technology, object oriented technology, basic operating system technology, and the like); or (iii) necessary for the implementation of other published standards developed elsewhere and merely referred to in the body of the Standard. For purposes of this definition, a Standard shall be deemed to include only architectural and interconnection requirements essential for interoperability and shall not include any implementation examples unless such implementation examples are expressly identified as being required for compliance with the Standard.
Normative Element	Any element of a Proposed Standard or Standard that must be implemented in order to comply with such Proposed Standard or Standard. If such Proposed Standard or Standard defines optional elements, Normative Elements include those elements of the optional part that must be implemented if the implementation is to comply with such optional part. Examples and/or reference implementations and other standards or standards that were developed outside the SWG and which are referenced in the body of a particular Proposed Standard or Standard that may be included therein are not Normative Elements.
Other Work Product	Any SWG deliverable that is not a Proposed Standard or Standard. Unless the context otherwise requires, any reference to the adoption of Other Work Product shall also be deemed to apply to the adoption of an amendment to that Other Work Product as well.
Owned	With respect to any Necessary Claim(s), the word “Owned” includes any Necessary Claim(s) that are controlled but not Owned by the Member in question, provided that the Member in question is (i) entitled to sublicense such Necessary Claim(s), and (ii) would not incur an obligation to pay any royalty or other compensation to the true owner of such Necessary Claim(s) in connection with a sublicense.
Participant	Any Member (or, if permitted, non-Member) that enrolls to take part in a SWG that has not withdrawn from such SWG within 60 days of the date upon which that SWG was chartered, or that enroll in a SWG after such 60 day period.
Policies and	Individually or collectively, as the context requires, the OGC Technical Committee Policies and Procedures, and the OGC

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As approved on 11 July 2007

Procedures	Interoperability Program Policies and Procedures.
Proposed Standard	A draft Standard, or a draft OGC Implementation Standard (as defined in the Policies and Procedures document) prior to the adoption of such material as a Standard, or other final disposition.
RAND	Reasonable and Non-Discriminatory.
RAND-Fee SWG	Any Standards Working Group whose charter does not specify that it is a RAND-Royalty Free SWG.
RAND-Royalty Free SWG	A Standards Working Group whose charter specifies that no Participant may assert a right to require payment of royalties or other fees under a License to any IPR owned by such respondent that is necessary to implement the Standard developed by such Standards Working Group and ultimately adopted by the OGC.
Related Party	Any entity that is directly or indirectly controlled by the subject party. For this purpose, "control" means beneficial ownership or the right to exercise more than 50% of the voting power for the entity.
Representative	Any individual that acts on behalf of a Member in connection with a SWG, or in the completion of any form to be delivered to OGC pursuant to this IPR Policy or the Policies and Procedures.
Standard	A Proposed Standard that has been formally adopted by OGC. Unless the context otherwise requires, any reference to the adoption of a Proposed Standard shall also be deemed to apply to the adoption of an amendment to a Standard as well.
Standards Working Group (SWG)	A Working Group that has been so designated pursuant to Section 3.1.1 of this IPR Policy.
SWG Member	With respect to a given Standards Working Group, any Member that has enrolled in that Standards Working Group.
Technical Committee (TC)	At any relevant time, the most senior technical committee involved in the technical process.
Working Group (WG)	A subgroup of the TC.

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Exhibit B

CONTRIBUTION

Insert description of Contribution in such detail as may from time to time be required under the Policies and Procedures

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Exhibit C

THIRD PARTY NECESSARY CLAIMS OR OTHER IPR

List here all Necessary Claim(s) Owned by third parties, to the extent of your knowledge.

Patent Number	Necessary Claim	Affected Portion of Proposed Standard

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Appendix B

Open Geospatial Consortium, Inc.

INTELLECTUAL PROPERTY RIGHTS ELECTION FORM

(For use in RAND-FEE SWGs and at Technical Committee Adoption.)

NOTE: All blanks must be completed in order for this election form to be given consideration. This election form is subject to the Intellectual Property Rights Policy (the "IPR Policy") of Open Geospatial Consortium, Inc. (the "OGC"), and the Policies and Procedures document of the OGC (collectively, both such documents being referred to below as the "Policies and Procedures"). ***All capitalized terms used in this form are intended to have the meanings given to them in Exhibit A attached to this form.***

Name of Member:	
Name of Representative Completing this Form on Behalf of Member:	
Mailing Address of Representative:	
Email Address of Representative:	
Proposed Standard to which this Election Form relates:	

A. The Representative hereby represents the following on behalf of him/herself and the Member, as the context requires:

1. The Representative is authorized to complete and submit this Election Form on behalf of the Member, and to make the following representations and warranties.
2. The Representative and the Member have each reviewed the Policies and Procedures, and agree that this Election Form is being completed and submitted in full compliance with the same.
3. The Contributor hereby irrevocably agrees that if the Proposed Standard referred to above is finally adopted (***Note: all Representatives must elect one of the following***):

_____ It will, on request, provide to all Implementers, without compensation and otherwise on a RAND basis, a License to all Necessary Claims Owned by it and/or its Related Parties; ***and/or***

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_____ The Member agrees to the same terms, except with regard to compensation, and reserves the right to charge a royalty or other fee on RAND terms; *and/or*

_____ **Exhibit B-1** identifies certain Necessary Claim(s) owned by it and/or any of its Related Parties under the Proposed Standard, in its current form, and the portion of the Proposed Standard that would Necessarily Infringe such Necessary Claims, and the Member hereby notifies the OGC that no guarantee of License rights is being made (or that such rights will in fact be denied in all cases) as to such Necessary Claims. (In the case of Necessary Claims under non-public patent applications, the disclosure on **Exhibit B-1** of such claims need not be in such detail as would disclose any trade secrets.)

(Note: You may elect one option as to some Necessary Claim(s) and another option as to other Necessary Claim(s)).

4. The Representative is not aware of any Necessary Claim(s) or other IPR of any third party that might be infringed by the implementation of the Proposed Standard referenced above. If the Representative is aware of any such potential infringement, then the Representative has described such Necessary Claim(s) or other IPR on **Exhibit B-2**, together with any supporting documentation that may be readily available to the Representative.

B. The OGC, in accepting this Election Form, acknowledges that the representation required in paragraph A.4 above is being solicited purely for informational purposes, and the OGC will not be relying on such representation or otherwise holding the Representative or Member responsible for its completeness or accuracy.

This Election Form has been submitted on _____, 200_.

Name of Participant or
Non-Participant Member

By: _____
Signature of Representative

Name: _____

Exhibit Index:

- A: Defined Terms**
- B: Withheld IPR (if any)**
- C: Third Party IPR (if any)**

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Exhibit A

DEFINED TERMS

Term	Definition
Contribution	An affirmative and knowing contribution, in written or electronic form, with the intention that such material be considered for inclusion in a Proposed Standard or Other Work Product. A Contribution may occur: as a result of an unsolicited offer to OGC of existing technology by a Member or third party; in response to a general OGC request for proposals; or from a Participant at any time during a technical process.
Contributor	Both a Member as well as any Representative(s) of a Member, and any other person or entity making a Contribution.
Implementers	Those Members and non-Members who desire to use or implement a Standard.
IPR	An abbreviation of "Intellectual Property Rights". As used in this Policy, IPR means claims in patents and patent applications and copyrights, but excludes trademarks and trade secrets, which are not included in a Participant and Member's licensing obligations.
License	With respect to any Proposed Standard, either (a) an agreement to license Necessary Claim(s) thereunder that are Owned by such Member to any Member or non-Member Implementer, (i) on a nonexclusive, non-transferable, non-sub licensable, worldwide, perpetual, basis, and (ii) on RAND terms, to make, have made, use, reproduce, market, import, offer to sell and sell, and to otherwise distribute implementations of such Proposed Standard or (b) a binding, perpetual, irrevocable commitment, in a form acceptable to OGC, not to assert such Necessary Claim(s) against any Member or non-Member Implementer of such Proposed Standard, but only to the extent that such Necessary Claim(s) is (are) necessary to implement such Proposed Standard; in each case, conditional upon such Proposed Standard becoming a Standard.
Member	An OGC member, as defined in Article II of the OGC Bylaws.
Necessarily Infringed	Unavoidable infringement by an implementation of a Normative Element of a Standard, there being no technically or commercially reasonable alternative way to implement that element of the Standard without resulting in such infringement.
Necessary Claims	Those claims of a patent or patent application, throughout the world, excluding design patents and design registrations, Owned by a

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	Member or its Related Parties now or at any future time and which would be Necessarily Infringed by implementation of a Standard. Notwithstanding the foregoing, Licensed Claims shall not include any claims (i) relating to any enabling technologies that may be necessary to make or use any implementation of a Standard but are not themselves expressly set forth in the Standard (e.g., semiconductor manufacturing technology, compiler technology, object oriented technology, basic operating system technology, and the like); or (iii) necessary for the implementation of other published standards developed elsewhere and merely referred to in the body of the Standard. For purposes of this definition, a Standard shall be deemed to include only architectural and interconnection requirements essential for interoperability and shall not include any implementation examples unless such implementation examples are expressly identified as being required for compliance with the Standard.
Normative Element	Any element of a Proposed Standard or Standard that must be implemented in order to comply with such Proposed Standard or Standard. If such Proposed Standard or Standard defines optional elements, Normative Elements include those elements of the optional part that must be implemented if the implementation is to comply with such optional part. Examples and/or reference implementations and other standards or standards that were developed outside the SWG and which are referenced in the body of a particular Proposed Standard or Standard that may be included therein are not Normative Elements.
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Participant	Any Member (or, if permitted, non-Member) that enrolls to take part in a SWG that has not withdrawn from such SWG within 60 days of the date upon which that SWG was chartered, or that enroll in a SWG after such 60 day period.
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SWG Member	With respect to a given Standards Working Group, any Member that has enrolled in that Standards Working Group.
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Working Group (WG)	A subgroup of the TC.

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Exhibit B-1

WITHHELD NECESSARY CLAIMS

List here all Necessary Claim(s) Owned by you or any of your Related Parties for which Licenses will not be supplied.

Patent Number	Necessary Claim	Affected Portion of Proposed Standard

Exhibit B-2

THIRD PARTY NECESSARY CLAIMS AND OTHER IPR

List here all Necessary Claim(s) or other unavailable IPR Owned by third parties, to the extent of your knowledge.

Patent Number	Necessary Claim	Affected Portion of Proposed Standard

Other IPR:

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Appendix C

PATENT CALL TEXT

[Bracketed text is to be used in connection with electronic collaboration]

Please be aware that this meeting [activity] is being held under the Intellectual Property Rights Policy adopted by OGC. If you do not have a copy of this policy, please see me [contact the activity host] during this meeting [activity]. You may also view and download a copy of that policy at the _____ section of OGC website.

At this time, I would ask that anyone in attendance [participating] inform me if they are personally aware of any claims under any patent applications or issued patents that would be likely to be infringed by an implementation of the standard or other work product which is the subject of this meeting [activity]. You need not be the inventor of such patent or patent application in order to inform us of its existence, nor will you be held responsible for expressing a belief that turns out to be inaccurate.