

Patent Statement and Licensing Declaration Form for ITU-T/ITU-R Recommendation | ISO/IEC Deliverable



**Patent Statement and Licensing Declaration
for ITU-T/ITU-R Recommendation | ISO/IEC Deliverable**

This declaration does not represent an actual grant of a license

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Patent Holder:

Legal Name Cellular Elements LLC

Contact for license application:

Name & Department Managing Director

Address 2215-B Renaissance Drive

Las Vegas, NV 89119

Tel. _____

Fax _____

E-mail _____

URL (optional) _____

Document type:

ITU-T Rec. (*) ITU-R Rec. (*) ISO Deliverable (*) IEC Deliverable (*)

(please return the form to the relevant Organization)

Common text or twin text (ITU-T Rec. | ISO/IEC Deliverable (*) (for common text or twin text, please return the form to each of the three Organizations: ITU-T, ISO, IEC)

ISO/IEC Deliverable (*) (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(*)Number CCSDS 131.2-B-1

(*)Title FLEXIBLE ADVANCED CODING AND MODULATION SCHEME FOR HIGH RATE TELEMETRY APPLICATIONS

Licensing declaration:

The Patent Holder believes that it holds granted and/or pending applications for patents, the use of which would be required to implement the above document and hereby declares, in accordance with the Common Patent Policy for ITU-T/ITU-R/ISO/IEC, that (check one box only):

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Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC.

Also mark here ___ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.

Also mark here ___ if the Patent Holder reserves the right to license on reasonable terms and conditions (but not free of charge) to applicants who are only willing to license their patent claims, whose use would be required to implement the above document, on reasonable terms and conditions (but not free of charge).

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Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC.

Also mark here ___ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.

3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above.

In this case, the following information must be provided to ITU, and is strongly desired by ISO and IEC, as part of this declaration:

- granted patent number or patent application number (if pending);
- an indication of which portions of the above document are affected;
- a description of the patent claims covering the above document.

Free of charge: The words "free of charge" do not mean that the Patent Holder is waiving all of its rights with respect to the essential patent. Rather, "free of charge" refers to the issue of monetary compensation; *i.e.*, that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the above document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, reciprocity, warranties, etc.

Reciprocity: As used herein, the word "reciprocity" means that the Patent Holder shall only be required to license any prospective licensee if such prospective licensee will commit to license its essential patent(s) or essential patent claim(s) for implementation of the same above document free of charge or under reasonable terms and conditions.

Signature:

Patent Holder

Cellular Elements LLC

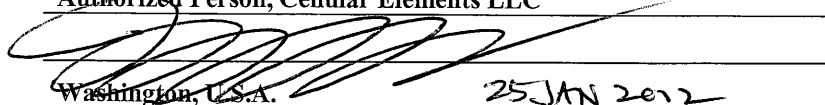
Name of authorized person

J Ceffalo

Title of authorized person

Authorized Person, Cellular Elements LLC

Signature



Place, Date

Washington, U.S.A.

25 JAN 2012

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1			n/a	
2	Granted Feb. 8, 2000	USA	US 6,023,783	Hybrid Concatenated Codes and Iterative Decoding
3			n/a	

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

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Patent Holder:

Legal Name European Space Agency

Contact for license application:

Name & Department Luz Becker, Legal Department

Address 8-10 rue Mario Nikis

75738 Paris Cedex 15

Tel. +33 1 536 97152

Fax +33 1 536 97671

E-mail luz.becker@esa.int

URL (optional) www.esa.int

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Also mark here ___ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.
Also mark here ___ if the Patent Holder reserves the right to license on reasonable terms and conditions (but not free of charge) to applicants who are only willing to license their patent claims, whose use would be required to implement the above document, on reasonable terms and conditions (but not free of charge).

2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document.
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Also mark here X if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.

3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above.
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Signature:

Patent Holder	<u>European Space Agency</u>
Name of authorized person	<u>Marco Ferrazzani</u>
Title of authorized person	<u>Head of the Legal Department and Legal Counsel</u>
Signature	
Place, Date	<u>Paris, 16 MAI 2011</u>

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	Granted Oct 17, 2006	USA	US7123663(B2)	Coded digital modulation method for communication system
2	Granted July 3, 2007	USA	US7239668(B2)	Coded digital modulation method for communication system
3				

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.
