

ATSC

Disclosure Statement and Licensing Declaration

This declaration does not represent an implied license grant

Please return to:

President
ATSC

1750 K Street NW
Suite 1200
Washington, DC 20006
202-872-9160 – Office
202-872-9161 – Fax

Discloser:	
Name of Participant	Digital Systems & Technologies, Philips Applied Technologies
Contact Information for Participant's Representative:	
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Tel.	+31 4027 40210
Fax	+31 4027 44108
E-mail	frans.de.bont@philips.com ; werner.oomen@philips.com
URL (optional)	
Identification of ATSC Specification Document relevant to the Disclosure Statement:	
Number	A/153
Title	ATSC Mobile DTV Standard

Licensing Declaration

If the Discloser is the holder of a patent and/or pending patent application that is the subject of an Essential Claim, *i.e.*, the use of which it believes would be required to implement the identified ATSC Specification Document, the Discloser hereby declares, in accordance with the Statement on ATSC Patent Policy (see ATSC website), that (check one box only).

- a. The Discloser agrees to make a license to the Essential Claim available without compensation upon request to all applicants for the purpose of implementing the Specification Document, which license may be conditioned upon license reciprocity with respect to the same Specification Document. Negotiations are left to the parties concerned and are performed outside of ATSC.
Mark here if the Discloser's willingness to license is conditioned on reciprocity for the above ATSC Standard.
- b. The Discloser agrees to make a license to the Essential Claim available upon request under reasonable and nondiscriminatory terms and conditions to all applicants for the purpose of implementing the Specification Document, which conditions may include license reciprocity with respect to the same Specification Document. Negotiations are left to the parties concerned and are performed outside of ATSC.
Mark here X if the Discloser's willingness to license is conditioned on reciprocity for the above ATSC Standard.
- c. The Discloser will not make a license to the Essential Claim under reasonable and nondiscriminatory terms and conditions to applicants for the purpose of implementing the Specification Document.

Without Compensation: The phrase "without compensation" does not mean that the Discloser is waiving all of its rights with respect to each patent or patent application that is the subject matter of the Essential Claim. Rather, "without compensation" refers to the issue of monetary compensation; *i.e.*, that the Discloser 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 Discloser in this situation is committing to not charging any monetary amount, the Discloser is still entitled to require that the implementer of the ATSC Specification 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 Discloser shall only be required to license any prospective licensee under the stated terms (without compensation or under reasonable and nondiscriminatory terms and conditions) if such prospective licensee will commit to license its patent(s) or patent application(s) forming the subject matter of an Essential Claim under similar (without compensation or under reasonable and nondiscriminatory) terms and conditions.

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Discloser:	
Name of Participant	Digital Systems & Technologies, Philips Applied Technologies
Contact Information for Participant's Representative:	
Name of Representatives	Frans de Bont, Werner Oomen, Leon van de Kerkhof
Address	Philips Applied Technologies High Tech Campus 5, 5656 AE Eindhoven, The Netherlands
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Fax	+31 40 2744108
E-mail	frans.de.bont@philips.com, werner.oomen@philips.com, leon.van.de.kerkhof@philips.com
URL (optional)	
Identification of ATSC Specification Document relevant to the Disclosure Statement:	
Number	A/153
Title	Request for Proposal For ATSC-M/H A backwards Compatible Mobile and Handheld Standard.

Licensing Declaration

If the Discloser is the holder of a patent and/or pending patent application that is the subject of an Essential Claim, *i.e.*, the use of which it believes would be required to implement the identified ATSC Specification Document, the Discloser hereby declares, in accordance with the Statement on ATSC Patent Policy (see ATSC website), that (check one box only).

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Disclosure of Patents

In accordance with Sections 3 and 4 of the ATSC Patent Policy, please identify each patent or patent application forming the subject matter of any Potential Claim of which any Representative of the Discloser who is active in an ATSC technology group or specialist group has actual personal knowledge. The Discloser, in good faith, believes that the Potential Claim may be relevant to the implementation of the Specification Document identified by this Disclosure Statement.

No.	Patent / Application No. and Country	Patent / Application Holder	Status [granted/pending]
1	AR 255977	Philips	Granted
2	AT E214524	Philips	Granted
3	AU 697176	Philips	Granted
4	BR PI9506449.4	Philips	Granted
5	CN 95191760.9	Philips	Granted
6	CZ 294349	Philips	Granted
7	DE 695 25 836	Philips	Granted
8	FR 0 738 441	Philips	Granted
9	GB 0 738 441	Philips	Granted
10	HK 1013897	Philips	Granted
11	HU 215685	Philips	Granted
12	JP 3390013	Philips	Granted
13	MX 231133	Philips	Granted
14	TW 80597	Philips	Granted
15	US 5,661,755	Philips	Granted
16	AT E211329	Philips, FT, TDF, IRT	Granted
17	BE 0 599 824	Philips, FT, TDF, IRT	Granted
18	CA 2363045	Philips, FT, TDF, IRT	Granted

No.	Patent / Application No. and Country	Patent / Application Holder	Status [granted/ pending]
19	CH 0 599 824	Philips, FT, TDF, IRT	Granted
20	CN 100375474	Philips, FT, TDF, IRT	Granted
21	DE 690 33 882	Philips, FT, TDF, IRT	Granted
22	DK 0 599 824	Philips, FT, TDF, IRT	Granted
23	ES 0 599 824	Philips, FT, TDF, IRT	Granted
24	FR 0 599 824	Philips, FT, TDF, IRT	Granted
25	GB 0 599 824	Philips, FT, TDF, IRT	Granted
26	GR 0 599 824	Philips, FT, TDF, IRT	Granted
27	HK 1012112	Philips, FT, TDF, IRT	Granted
28	IN 192221	Philips, FT, TDF, IRT	Granted
29	IT 0 599 824	Philips, FT, TDF, IRT	Granted
30	LU 0 599 824	Philips, FT, TDF, IRT	Granted
31	NL 0 599 824	Philips, FT, TDF, IRT	Granted
32	SE 0 599 824	Philips, FT, TDF, IRT	Granted
33	SG 44803	Philips, FT, TDF, IRT	Granted
34	US 5,539,829	Philips, FT, TDF, IRT	Granted
35	AT E206253	Philips, FT, TDF, IRT	Granted
36	BE 0 599 825	Philips, FT, TDF, IRT	Granted
37	CH 0 599 825	Philips, FT, TDF, IRT	Granted
38	CN 94103142.X	Philips, FT, TDF, IRT	Granted
39	DE 690 33 811	Philips, FT, TDF, IRT	Granted
40	DK 0 599 825	Philips, FT, TDF, IRT	Granted

No.	Patent / Application No. and Country	Patent / Application Holder	Status [granted/ pending]
41	ES 0 599 825	Philips, FT, TDF, IRT	Granted
42	FR 0 599 825	Philips, FT, TDF, IRT	Granted
43	GB 0 599 825	Philips, FT, TDF, IRT	Granted
44	GR 0 599 825	Philips, FT, TDF, IRT	Granted
45	HK 1012113	Philips, FT, TDF, IRT	Granted
46	IN 192222	Philips, FT, TDF, IRT	Granted
47	IT 0 599 825	Philips, FT, TDF, IRT	Granted
48	LU 0 599 825	Philips, FT, TDF, IRT	Granted
49	NL 0 599 825	Philips, FT, TDF, IRT	Granted
50	SE 0 599 825	Philips, FT, TDF, IRT	Granted
51	SG 46416	Philips, FT, TDF, IRT	Granted
52	US 5,530,655	Philips, FT, TDF, IRT	Granted
53	AR 246135	Philips, FT, TDF	Granted
54	AU 634237	Philips, FT, TDF	Granted
55	BR PI9002618	Philips, FT, TDF	Granted
56	CA 2017841	Philips, FT, TDF	Granted
57	CH 0 400 755	Philips, FT, TDF	Granted
58	CN 90103390.1	Philips, FT, TDF	Granted
59	CZ 277633	Philips, FT, TDF	Granted
60	DE 690 22 119	Philips, FT, TDF	Granted
61	DK 0 400 755	Philips, FT, TDF	Granted
62	ES 2077631	Philips, FT, TDF	Granted
63	FI 110349	Philips, FT, TDF	Granted

No.	Patent / Application No. and Country	Patent / Application Holder	Status [granted/pending]
64	FR 0 400 755	Philips, FT, TDF	Granted
65	GB 0 400 755	Philips, FT, TDF	Granted
66	HK 962134	Philips, FT, TDF	Granted
67	HU 206572	Philips, FT, TDF	Granted
68	IN 176073	Philips, FT, TDF	Granted
69	IT 0 400 755	Philips, FT, TDF	Granted
70	JP 3069611	Philips, FT, TDF	Granted
71	KR 181292	Philips, FT, TDF	Granted
72	MO 94224	Philips, FT, TDF	Granted
73	MX 172514	Philips, FT, TDF	Granted
74	MY 105781	Philips, FT, TDF	Granted
75	PL 165159	Philips, FT, TDF	Granted
76	PT 94224	Philips, FT, TDF	Granted
77	RU 2145464	Philips, FT, TDF	Granted
78	SE 0 400 755	Philips, FT, TDF	Granted
79	SG 33976	Philips, FT, TDF	Granted
80	SK 277633	Philips, FT, TDF	Granted
81	TW 47459	Philips, FT, TDF	Granted
82	UA 37174	Philips, FT, TDF	Granted
83	US 5,214,678	Philips, FT, TDF	Granted
84	BR PI0304231.6	Philips	Application
85	CN 03807983.6	Philips	Granted
86	EP 03745859.3	Philips	Application

No.	Patent / Application No. and Country	Patent / Application Holder	Status [granted/ pending]
87	IN 2233/CHENP/2004	Philips	Application
88	JP 03-582751	Philips	Application
89	KR 10-2004-7016059	Philips	Application
90	RU 2316154	Philips	Granted
91	US 7,437,299	Philips	Granted
92	DE 603 26 782	Philips	Granted
93	ES 1 881 486	Philips	Granted
94	FR 1 881 486	Philips	Granted
95	GB 1 881 486	Philips	Granted
96	IT 1 881 486	Philips	Granted
97	JP 09-188196	Philips	Application
98	US 12/509,529	Philips	Application
99	AT E354161	Philips	Granted
100	BR PI0304541.2	Philips	Application
101	CH 1 500 082	Philips	Granted
102	CN 1312660	Philips	Granted
103	DE 603 11 794	Philips	Granted
104	ES 1 500 082	Philips	Granted
105	FR 1 500 082	Philips	Granted
106	GB 1 500 082	Philips	Granted
107	IN 02352/CHENP/04	Philips	Application
108	IT 1 500 082	Philips	Granted
109	JP 03-586871	Philips	Application

No.	Patent / Application No. and Country	Patent / Application Holder	Status [granted/ pending]
110	KR 10-2004-7017028	Philips	Application
111	NL 1 500 082	Philips	Granted
112	TR 1 500 082	Philips	Granted
113	US 10/511,798	Philips	Application
114	CN 200480003949.1	Philips	Application
115	DE 602004002390.6	Philips	Granted
116	ES 1 595 247	Philips	Granted
117	FR 1 595 247	Philips	Granted
118	GB 1 595 247	Philips	Granted
119	IN 1860/CHENP/2005	Philips	Application
120	IT 1 595 247	Philips	Granted
121	JP 06-502569	Philips	Application
122	KR 10-2005-7014729	Philips	Application
123	TR 1 595 247	Philips	Granted
124	US 7,181,019	Philips	Granted
125	CN 200480007118.1	Philips	Application
126	EP 04720692.5	Philips	Application
127	IN 229850	Philips	Granted
128	JP 06-506713	Philips	Application
129	KR 10-2005-7017468	Philips	Application
130	US 7,343,281	Philips	Granted
131	AT E355590	Philips	Granted
132	CH 1 618 763	Philips	Granted

No.	Patent / Application No. and Country	Patent / Application Holder	Status [granted/ pending]
133	CN 200480009976.X	Philips	Application
134	DE 602004005020.2	Philips	Granted
135	ES 1 618 763	Philips	Granted
136	FR 1 618 763	Philips	Granted
137	GB 1 618 763	Philips	Granted
138	IT 1 618 763	Philips	Granted
139	JP 06-506843	Philips	Application
140	KR 10-2005-7019770	Philips	Application
141	PL 1 618 763	Philips	Granted
142	TR 1 618 763	Philips	Granted
143	US 10/552,772	Philips	Application
144	BR PI0415951.9	Philips	Application
145	CN 200480032342.6	Philips	Application
146	DE 602004004818.6	Philips	Granted
147	ES 1 683 133	Philips	Granted
148	FI 1 683 133	Philips	Granted
149	FR 1 683 133	Philips	Granted
150	GB 1 683 133	Philips	Granted
151	IN 01468/CHENP/06	Philips	Application
152	IT 1 683 133	Philips	Granted
153	JP 06-537530	Philips	Application
154	KR 10-2006-7008373	Philips	Application
155	NL 1 683 133	Philips	Granted

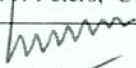
No.	Patent / Application No. and Country	Patent / Application Holder	Status [granted/ pending]
156	PL 1 683 133	Philips	Granted
157	RU 2006118682	Philips	Application
158	SE 1 683 133	Philips	Granted
159	TR 1 683 133	Philips	Granted
160	US 7,519,538	Philips	Granted
161	AT E359687	Philips	Granted
162	DE 602004005846.7	Philips	Granted
163	ES 1 621 047	Philips	Granted
164	FR 1 621 047	Philips	Granted
165	GB 1 621 047	Philips	Granted
166	IT 1 621 047	Philips	Granted
167	PL 1 621 047	Philips	Granted
168	TR 1 621 047	Philips	Granted
169	EP 0787407	Philips	Granted
170	US 5,579,061	Philips	Granted
171	US 7,712,115	Philips	Granted

Disclosure of Information

In accordance with Sections 3 and 4 of the ATSC Patent Policy, if the Discloser has made a licensing declaration under paragraph (c) above, please provide the following information.

- an identification of each patent or patent application that is the subject matter of the Essential Claim;
- an identification of specific section(s) or text of the Specification Document that are relevant to the Essential Claim; and
- an identification of each patent or patent application claim covering the Specification Document.

This information is informal in nature and does not constitute a legal opinion, but should be based on "good faith and belief" of the Discloser. Information provided in this section does not represent a formal "notice" that implementation of any resulting ATSC Standard or Recommended Practice would infringe any patent or patent application for the Essential Claim.

Completed By:	Philips Intellectual Property & Standards
Name of Participant	Digital Systems & Technologies, Philips Applied Technologies
Name of Representatives	Frans de Bont, Werner Oomen
Person Signing	Ruud J. Peters, CEO, Philips Intellectual Property & Standards
Signature	
Place, Date	23 June 2010

