EXHIBIT 15

International Telegraph and Telephone
Consultative Committee
(CCITT)

Period 1985-1988

COM VIII-R 1-E
July 1985
Original: English

Questions: 1-30/VIII

STUDY GROUP VIII - REPORT R 1

SOURCE: Study Group VIII

TITLE: REPORT OF THE MEETING OF STUDY GROUP VIII, KYOTO, 5-14 JUNE 1985
PART I: REPORT OF THE PLENARY MEETINGS OF STUDY GROUP VIII

Note by the CCITT Secretariat: The report of the meeting of Study Group VIII which was held in Kyoto, 5-14 June 1985, is composed of the following three Parts published in separate documents:

Part I: Report of the Plenary Meetings of Study Group VIII
(published in COM VIII-R 1)

Part II: Report of Working Party VIII/1 "Terminal characteristics"
(published in COM VIII-R 2)

Part III: Report of Working Party VIII/2 "Common protocols and interworking"
(published in COM VIII-R 3)

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For reasons of economy, this document is printed in a limited number of copies. Participants are therefore kindly asked to bring their copies to the meeting since no others can be made available.

ANNEX 1

LISTE DES PARTICIPANTS
LIST OF PARTICIPANTS
LISTA DE PARTICIPANTES

Président :
Chairman : M. W. STAUDINGER (Rép.Féd.d'Allemagne - Fed.Rep. of Germany - Rep.Fed. de Alemania)
Presidente :

Vice-Présidents : MM. A. MACCHIONI (Italie - Italy - Italia)
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Vice-Presidentes : A. PUGH (Royaume-Uni - United Kingdom - Reino Unido)

V. SIVAKOV (URSS - USSR)
H. TERAMURA (KDD - Japon - Japan - Japón)

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	National Communications System		C. D. BODSON
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		MME.	C. MAHY
		MM.	P. MAURICE A. MORVAN
	Thomson-CSF		M. BEDUCHAUD
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Irlande - Ireland - Irlanda			W. J. FAY
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		H. HATA
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		M. MATSUMOTO
		H. NAKANO
		M. NOMURA
		K. SAKAGUCHI
		Y. SAKAI
		N. SONEHARA
		M. SUGIMOTO
		S. UEDA
		T. YAMAMOTO
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		T. COKERILL
		I. K. HIRST
		R. HUNTER
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		B. ALLONEN
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U.R.S.S. - U.S.S.R. - U.R.S.S.		G. PIOTROVSKY
Zambie - Zambia - Zambia		J. M. WILLIS

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	Philips Communications Industrie AG	K. H. WENZEL
	Siemens A.G.	L. LUTZ
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		K. SAKATA
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ECMA	I. R. CAMPBELL-GRANT

Union internationales de télécommunications
International Telecommunication Union
Unión internacional de telecomunicaciones

Secrétariat du CCITT - CCITT Sectetariat - Secretaria del CCITT	Conseiller - Counsellor - Consejero	M. T. OKABE

EXHIBIT 16

International Telegraph and Telephone
Consultative Committee
(CCITT)

COM VIII-R 13-E
March 1988
Original: English

Period 1985-1988

Questions: 1-30/VIII

STUDY GROUP VIII - REPORT R 13

SOURCE: STUDY GROUP VIII

TITLE: REPORT OF FINAL MEETING OF STUDY GROUP VIII IN THE STUDY PERIOD 1985-1988 (GENEVA, 8 TO 19 FEBRUARY 1988)

Note by the CCITT Secretariat: The Report of the meeting of Study Group VIII which was held in Geneva from 8-19 February 1988 is not to be published before the IXth Plenary Assembly. Its purpose is to summarize to the decision made and to retain the material useful for the next Study Period and interim work (Annexes to Questions, etc.). The Report refers to, but does not duplicate, the contents of the Report of Study Group VIII to the IXth Plenary Assembly which is composed of four parts in separate documents:

PART I - General Report - Published in AP IX-18/COM VIII-R 14

PART II - Proposals for new T-Series Recommendations

Published in :

AP IX-19/COM VIII-R 15.I	-	Recommendations T.62bis - T.400
AP IX-20/COM VIII-R 15.II	-	Recommendations T.411 and T.412
AP IX-21/COM VIII-R 15.III	-	Recommendations T.414 - T.418
AP IX-22/COM VIII-R 15.IV	-	Recommendations T.431 - T.433
AP IX-23/COM VIII-R 15.V	-	Recommendations T.441 - T.564

PART III - Proposals for revised Recommendations

Published in :

AP IX-24/COM VIII-R 16.I	-	Recommendations T.0 to T.101 and T.390
AP IX-25/COM VIII-R 16.II	-	Recommendation T.101, Annex 'A'

PART IV - AP IX-26/COM VIII-R 17 - Proposed Study Programme of Study Group VIII for the 1989-1992 Study Period



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Introduction

According to Collective letter-No. 199, the final meeting of Study Group VIII in the Study Period 1985-1988 was held in Geneva from 8 to 19 February 1988. The meeting was chaired by Mr. W. Staudinger, assisted by the five Vice-Chairmen, Mr. Marti (France), M. Macchioni (Italy), Mr. Pugh (United Kingdom), Mr. Sivakov (USSR) and Mr. Teramura (Japan).

The list of participants is in Annex 1 to this Report.

1. Report of the First Session (8 February 1988)

1.1 Opening of the meeting

The Chairman welcomed the delegates and gave the necessary information in order that the meeting be efficient and conclude the work of Study Group VIII in this Study Period. He introduced the working documents, with the assistance of the Secretariat, especially TDs: 1, 2, 30, 31, 34, 35, 44, 50, 51, 52.

1.2 The agenda, as approved, is in Annex 2.

1.3 Report of the Chairmen's meeting (1-3 September 1987)

The agreed guidelines were presented. In particular the presentation of Reports to the Plenary Assembly, replies to the Questions, presentation of new Questions. The annexes to the Question will stay in this report and be part of Contribution No. 1 of the relevant Study Group in the next Study Period. Only draft Recommendations but not Contributions are annexed to Questions.

1.3.1 Reservations if any are to be indicated in written form by the delegations and will appear in COM VIII-R 14.

1.3.2 The CCITT Patent Policy is summarized in TD 30 (Annex 3).

1.3.3 The next meeting of the Chairmen is planned for 5-7 July 1988 and will mainly deal with proposals to Commission "B" of the Plenary Assembly concerning the allocation of Questions.

1.4 Report of Study Group "S" (14-16 December 1987)

The Chairman gave a brief summary of work of Study Group "S".

1.4.1 Most changes concern Study Group "A" (Services) and "B" (Networks). The respective mandate of Study Group "G" (VII) and "H" (VIII) should not vary too much in the next Study period. However, to permit a correct allocation of Questions by the IXth Plenary Assembly, the proposed texts should be modular and indicate other Study Groups of external organizations concerned with the Question (see AP IX-1/COM "S"-R 3).

1.4.2 The liaisons will be described in an amended version of Resolution No.1.

- Liaisons at Special Rapporteur's level with endorsement by the Study Group Chairman.
- Official liaisons from Study Groups to other Study Groups or external organizations.

Mr. Harold FOLTS (USA has been officially appointed liaison coordinator from ISO/JTC 1 to CCITT and should receive copy of the liaison statements to JTC 1.

1.5 Title of Recommendations

The titles should be written in full and the abbreviations in brackets.

1.6 Nomination of rapporteurs for French and Spanish texts of the Blue Book

In a letter to the Chairmen of large Study Groups, Mr. Th. Irmer proposes that experts from Administrations be volunteer to help in translation and revision. The French Delegation asked for precise dates: this subject will be addressed again in the presence of Mr. Th. Irmer (see point 3.3).

1.7 Liaison from ISO - General information

The Chairman recalled the general principles of the existing good cooperation with ISO and IEC.

Mr. Friemelt made a presentation on JTC 1 and Resolution 28 from ISO.

Mr. Campbell-Grant indicated the good alignment of ISO and CCITT texts and the aim to work on one single common document in the future. The Chairman addressed his best wishes to Mr. Zeckendorf, who could not attend due to serious illness.

1.8 Approval of Reports (COM VIII-R 10, R 11, R 12)

1.8.1 COM VIII-R 10 - Approved.

1.8.2 COM VIII-R 11 - Approved.

1.8.3 COM VIII-R 12 - Approved.

1.9 Presentation of documents on general matters

The United Kingdom proposed a new Question on "Scope of CCITT terminal Recommendations" (COM VIII-180).

This subject was suggested to be studied mainly in WP VIII/1.

Note - Further discussion in WP VIII/1 led to the conclusion that this fundamental subject is a matter to be discussed at the Plenary Assembly. The United Kingdom was therefore invited to raise this matter at the Plenary Assembly.

2. Report of the Final Plenary Session (18 February 1988)

2.1 General

There was a general presentation of the results, final discussion on draft Recommendations, answers to Questions and proposed new Questions as well as proposed Liaison Statements. The approved Draft replies to the Questions are not contained in this Report. They are incorporated in the General Report of SG VIII to the Plenary Assembly.

The proposed new Study Questions (without Annexes) as approved by the Study Group are published in COM VIII-R 17. The Study Questions approved by the Plenary Assembly are published (including the Annexes) in Contribution No. 1 of the New Study Period.

It was agreed to prepare the following note for the T.400-Series.

Note - The terminology on Document Architecture has evolved during the elaboration of Recommendations during the study-period 1985-1988.

In order to prevent the readers from misinterpretations, Document Architecture Transfer and Manipulation (DATAM) is the general name for the T.400 Series.

Document Transfer and Manipulation (DTAM) is relevant to the T.430 Series.

2.2 Approval of Reports

2.2.1 On Question 2/VIII a revision of Recommendation T.0 was approved. This is contained in COM VIII-R 16.

2.2.2 On Question 20/VIII draft Recommendation T.isdn was approved. The discussion is recorded in Annex 4.

T.isdn is T.90.

2.2.3 Working Party VIII/1 - All proposals for revised and new Recommendations were approved, except Annex A of T.101.

It was noted (refer to Q.17/VIII) that NTT Japan holds a number of patents on "Zone Coding" and that NTT agrees on the Patent Policy Principles of CCITT.

After further discussion in the Plenary session, Annex "A" of T.101 was finally modified and then accepted by all delegations without any reservation.

2.2.4 Working Party VIII/2 - All proposals for revised or new Recommendations presented by Working Party VIII/2 were approved.

2.3 Approval of revised Recommendations

The revisions according to the list in TD 35(Rev.) are approved and published in AP IX-24 and 25/COM VIII-R 16.I and 16.II for approbation by the IXth Plenary Assembly.

2.3.1 Reservation and comments

Editorial changes have been indicated and directly given to the Secretariat.

No reservation from any delegation.

2.4 Approval of new Recommendations

The texts on new Recommendations according to the list of TD 35(Rev.) are approved and are proposed for approbation by the IXth Plenary Assembly in Document AP IX-19 to 23/COM VIII-R 15.I to 15.V.

2.4.1 Reservations and comments

Editorial changes have been indicated and directly given to the Secretariat.

No reservation from any delegation.

2.5 Approval of replies to the Questions

The draft replies to the Questions were approved. They are summarized in AP-I8 /COM VIII-R 14.

2.6 Approval of new Questions

Seven new Questions were approved.

Seven Questions were cancelled.

Twenty-three Questions were rewritten or slightly amended.

The proposed Study Programme of Study Group VIII for the 1988-Study Period is published in AP IX-26/COM VIII-R 17.

Annexes to the Questions will be part of Contribution No. 1 of the next Study Period.

2.7 Appointments of Interim Rapporteurs

NIC	- Mr. Sebestyen
Telematic Interworking	- Mr. Kadoch
Question 5/VIII	- There will be a joint meeting with experts from SG XVII .. Interested delegates should contact the Chairman of SG XVIII (Mr. Kern).
DATAM	- Mr. Silbiger
Mixed Mode	- Mr. Hunter
Transport	- Mr. Hoever
Teleconferencing	- An Interim Rapporteur for joint activities in SG I, VIII, XVII, XV, XVIII will be nominated by SG I
ISDN	- Mr. Matsumoto
Facsimile	- Mr. Pugh

2.8 Liaison matters

Seventeen liaison statements to ISO and to other CCITT Study Groups were endorsed.

3. Other business

3.1 Patent

The Chairman asked if there were any Patents relevant to any T-series Recommendation which had not yet been communicated to the CCITT Secretariat. This was not the case.

3.2 The first part of this report was adopted.

3.3 Mrs. Mahy (France) and Mr. Gallego (Spain) are potential volunteers for editing texts of the Blue Book.

4. Closing

The Chairman said that Study Group VIII can be proud of the excellent results achieved during the 1984-1988 Study Period and addressed his appreciation to the Vice-Chairmen, the Rapporteurs, the Delegates and the Secreteriat.

He also extended the gratitude of the Study Group to the interpreters and the staff responsible for rooms and equipment for providing excellent working conditions.

ANNEXE 1 | ANNEX 1 | ANEXO 1

LISTE DES PARTICIPANTS | LIST OF PARTICIPANTS | LISTA DE PARTICIPANTES

Président : M. W. STAUDINGER (R.F. d'Allemagne)
Chairman : (F.R. of Germany)
Presidente : (R.F. de Alemania)

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Vice-Chairmen : B. MARTI (France - Francia)
Vice-Presidentes : A. PUGH (Royaume-Uni - United Kingdom - Reino Unido)
V.T. SIVAKOV (U.R.S.S. - U.S.S.R. - U.R.S.S.)
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UIT/SECRETARIA DEL CCITT

UIT - ITU	T. RUTKOWSKI
CCITT	J. LEPESQUEUR, Conseiller supérieur Senior Counsellor Consejero superior

(3123)

ANNEX 2

Agenda for the Plenary meetings of
CCITT Study Group VIII, 8 and 19 February 1988

Day	Item	Subject
08.02.	1	Opening of the meeting
	2	Adoption of the Agenda
	3	Report about the Chairmen's meeting (1-3 September 1987), discussion about the agreed guideliness: - Composition of the Report to the PA * Replies to the Questions * New Recommendations * Revised Recommendations * New Study Questions - Annexes in the Report to the PA and in COM VIII-1 - Report of the Final Meeting - Procedure for reservations - Patent Policy
	4	Report about SG S (14-16 December 1987)
	5	Guidelines from the last PA concerning the title of Recommendations
	6	Nomination of special Rapporteurs for editing French and Spanish
	7	Liaisons from ISO
	8	Approval of the last WP Reports
19.02	9	Approval of the Report on Q.2/VIII Approval of the Report on Q.20/VIII
	10	Approval of Reports of WP 1 and WP 2, approval of revisions, new Recommendations, Study Questions
	11	Approval of additional new Study Questions
	12	Appointment of Interim Rapporteurs
	13	Liaison matters with external organizations
	14	Any other business
	15	Closing

(3123)

ANNEX 3

Statement on CCITT Patent Policy

Over the years, the CCITT has developed a "code of practice" regarding patents or any other rights covering, to a varying extent, the subject matter of CCITT Recommendations. The rules of this "code of practice" are rather simple and straightforward - Recommendations are being drawn up by telecommunications but not patent experts, who may not be very familiar with the complex international legal situation of trade rights, patents, etc.

CCITT Recommendations are international standards. Their objective is to ensure compatibility of international telecommunications on a world-wide basis. To meet this objective, which is in the common interest of all those participating in international telecommunications (network providers, suppliers, users) it must be ensured that CCITT Recommendations, their application, use, etc. are accessible to all exclusive (monopolistic) commercial abuse by a single holder of a patent embedded in a CCITT Recommendation being avoided. To meet this requirement in general is the sole objective of the CCITT code of practice, the detailled arrangements being left to the parties involved, as these arrangements might differ from case to case.

This code of practice may be summarized as follows (it should be noted that ISO operates in a very similar way):

1. The CCITT cannot give authoritative or comprehensive information about evidence, validity or scope of patents or similar rights, but it is desirable that the fullest available information should be disclosed. Therefore, the CCITT member organization putting forward a proposal of this type should draw the CCITT's attention to any known patent and similar rights on a world-wide basis or any known pending applications, although CCITT is not in a position to guarantee the validity of any such information.

2. If a CCITT Recommendation is issued and such information as referred to in § 1) has been disclosed, three different cases may arise:

2.1 The patent holder waives his rights; hence the CCITT Recommendation is accessible to everybody subject to no particular conditions, no royalties are due, etc.

2.2 The patent holder is not prepared to waive his rights but would be willing to negociate licenses under patent or similar rights on a non-discriminatory basis with applicants throughout the world on reasonable terms and conditions (to be performed outside the CCITT).

2.3 The patent holder is not willing to comply with the provisions of § 2.1 or § 2.2; in such case no CCITT Recommendation can be established.

3. Whatever case applies (2.1, 2.2 or 2.3) the patent holder has to provide a written statement to be filed at the CCITT Secretariat. These statements must not include additional provisions, conditions or any other exclusion clauses in excess of what is provided for each case in §§ 2.1, 2.2 and 2.3.

EXHIBIT 17

CCITT

STUDY GROUP VIII

Temporary Document 807/3E

Original: English

Geneva, 16 - 25 October 1991

Question: 16/VIII

SOURCE: SPECIAL RAPPORTEUR FOR QUESTION 16/VIII

TITLE: REPORT OF THE RAPPORTEUR GROUP ON QUESTION 16/VIII

---

1 INTRODUCTION

1.1 Title of the Question

"Common Components for Image Communication"

1.2 Special Rapporteur

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1.3 Associate Rapporteur

None

1.4 Editor

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Germany

TEL: +49-89-722-47230
FAX: +49-89-722-47713

1.5 Active Collaborators

No definitive list of active collaborators currently exists. Persons desiring to participate in the activities of Question 16/VIII are invited to contact the special rapporteur.

Annex A contains a list of meeting participants for the current meeting.

2 DOCUMENTS AVAILABLE

Annex B contains a list of documents considered during the current meeting.

3 MEETING RESULTS

During the above referenced meeting of Study Group VIII, parties interested in activities associated with
Question 16 met three times.

During these three meetings, the Special Rapporteur reviewed with meeting participants Draft Recommendations
T.80, T.81, and T.82.
In addition, the group joined in editing T.80.

At the conclusion of the three meetings, the meeting participants concluded that Draft Recommendations T.80 and T.81 should be processed [redacted] for approval in accordance with the procedures contained in Resolution 2.

The group also concluded that T.82 should be processed for approval in the normal manner.

Several liaison statements to ISO/IEC JTC1/SC29 were considered and approved. These are identified in Section 3.4 below.

A letter from IBM Corporation describing the licensing arrangements which it would apply to the use of its arithmetic coding patents in connection with their use in the implementation of standards was received and briefly reviewed. This letter is contained in Annex F.

3.1 Work Program for the Remaining Part of the 1989-1992 Study Period

The work program for the remaining part of the 1989-1992 Study Period will involve:

- Finalization of Draft Recommendation T.80 for accelerated approval in the current study period;
- Finalization of Draft Recommendation T.81 for accelerated approval in the current study period;
- Editing of Draft Recommendation T.82 for normal approval at the end of the current study period;
- Consideration of extensions and enhancements which are already being identified for both the JBIG and JPEG algorithms.

Details concerning these recommendations are contained in Section 3.3 below.

3.2 Main Decisions Regarding the WP and the Study Group Plenary

The decision to seek approval under Resolution 2 for Recommendations T.80 and T.81 needs to be carried to the Working Party and to the Study Group.

The liaison statements and nominations identified in Sections 3.4 and 3.5 below also need to be carried to the Working Party and to the Study Group.

3.3 Draft Recommendations

The following draft recommendations were discussed within Q.16/VIII, and will be proposed to the Working Party and to the Study Group Plenary for accelerated or normal approval as indicated above:

T.80: Common Components for Image Compression and Communication: Basic Principles

T.81: Digital Compression and Coding of Continuous-tone Still Images

T.82 Digital Compression and Coding of Bi-level Still Images

3.4 Liaison Statements proposed to Working Party / Study Group Plenary

The following liaison statements were approved by Q.16/VIII, and are being proposed for approval to the Working Party and to the Study Group Plenaries:

1. ISO/IEC JTC1/SC29:
   Designation of CCITT SG VIII Liaison
   (Annex C)

2. ISO/IEC JTC1/SC29:
   Proposal for Collaborative Interchange
   (ISO/IEC Project 1.02.17.03 (Continuous-tone Image Coding))
   (Annex D)

3. ISO/IEC JTC1/SC29:
   Proposal for Collaborative Interchange
   (ISO/IEC Project 1.02.17.04 (Bi-level Image Coding)
   (Annex E)

3.5 Nomination of Representatives to International Meetings

The following persons are nominated to represent CCITT Study Group VIII at the international meetings indicated:

ISO/IEC Joint Technical Advisory Group 2 (Imagery) (JTAG2)

Charles F. Touchton (IBM) (USA)

ISO/IEC JTC1/SC29 (First Plenary Meeting)

Dr. Istvan Sebestyen (Siemens) (Germany)

3.6 Next Meetings

The next meetings of Q.16/VIII, or of groups with which QJ.16/VIII is associated, are:

Q.16/VIII:

April 22 - 30, 1992: Geneva, SWITZERLAND

These meetings will be part of planned meetings of CCITT Study Group VIII. The primary activity anticipated during these meetings will be associated with obtaining Study Group approval of T.80, T.81, and T.82.

ISO/IEC JTC1/SC2 Working Group 10

November 18-22, 1991: Tokyo, JAPAN

This will be a joint meeting of Q.16 and WG10, for the purpose of assessing progress with respect to the DIS ballot of the T.81 algorithm, and considering possible future enhancements to this algorithm.

ISO/IEC JTC1/SC29 Working Group (?)

March 23-27, 1992: Haifa, ISRAEL

This will be a joint meeting of Q.16 and WG(?), for the purpose of assessing progress with respect to the DIS ballot of the T.81 algorithm, and considering possible future enhancements to this algorithm.

(SC29's working group on continuous-tone image coding has not yet been established.)

ISO/IEC JTC1/SC29 Working Group (?)

March 23-27, 1992: Haifa, ISRAEL

This will be a joint meeting of Q.16 and WG(?), for the purpose of assessing progress with respect to the ISO CD ballot of the T.82 algorithm,
and considering possible future enhancements to this algorithm.

(SC29's working group on bi-level image coding has not yet been established.)

ANNEX A

MEETING ATTENDEES

List of meeting:

	Name:	Company:	Address:	Tel:	Fax:
1	Sebastyen Istvan	Siemens			
2	RUSSO GIUSEPPE	Fondazione U. BORDONI	Via B. Castiglione 59 00142 ROMA ITALY	+39 6 54803463	+39 6 54804404
3.	JAEDONG KIM	Korea Telecom Research Center	17, WooMyon Dong SeochoGu, Seoul	+81 2 526 5273	+81 2 526 5568
4	ROMAN Joël	SAGEM	2 rue du petit Albi 95801 - Cergy S-Christoph FRANCE	+33 (1) 30737027	+33(1)30731660
5.	Tatsuki Inuzuka	Hitachi Ltd.	1410 Inada, Katsuta-shi Ibaraki JAPAN	+81 292 73 1111	+81 292 72 8573
6	Wenzel Karl-Heinz	Philips Kommunikations Industrie	Thurn-und-Taxis-Straße 14 8500 Nürnberg 10 Deutschland	+49 911-526-2256 Tel. +49 911-526-4193 Fax	
7	Tsakhi Segal	National Semi Conductor (Tel-Aviv)	Maskit 6 Herzelia Israel	972-52-558322 Fax 972-52-594255 Tel	
8.	MARIANI Stefano	SIP	VIA FLAMINIA 189 I00196 ROMA ITALY	+39 6 36886267	+39 6 3222637

List of participants Q16/UM

Name:	Company:	Adress:	Tel:	Fax
9 Christian Stettler	Swiss PTT	GD PTT TZV VS21 CH-3000 Bern 29	+4131627233	Fax: +4131625747
10 Pablo CALVO	TELEFONICA	T. y N. Técnica Beatriz de Bobadilla, 3 28040 - Madrid ESPAÑA	tel: 341-5849389	fax: 341-5849233
11 SANG JIN LEE	E.T.R.I	P.O. BOX 8, DAEDOG DANJI, DAEJEON, KOREA	tel: +82-42-820-618	Fax: +82-42-861-103
12 Mr. Charles Touchton	IBM			
12 TOUCHTON, Charles F.	IBM Corporation 3109 W. Dr. MLK Jr Blvd Tampa, FL 33607		+1-813-872-1075	+1-813-872-1027



MICHAEL C. NIER
Standards Development Director
Corporate Commercial Affairs

EASTMAN KODAK COMPANY
Rochester, New York 14650-0508

Tel 716 781-9092
FAX 716 724-9023

ANNEX B

DOCUMENTS CONSIDERED

COM VIII - 158:

D-289:	Associate Rapporteur for Q.4/VIII (Group 4 Facsimile / Color) Meeting Report of the Color Group 4 Facsimile Expert Group, Santa Clara, CA, 26-30 August 1991
TD-614:	CCITT Secretariat: General Information
TD-640:	CCITT Secretariat: Invitation from JTC1/SC29 (to First JTC1/SC29 Plenary Meeting)
TD-641:	Special Rapporteur for Q.16/VIII: Draft CCITT Recommendation T.82 (ISO/IEC CD 11544)
TD-647:	CCITT Secretariat: Presentation Model of Common Text for CCITT/JTC1 Collaborative Work
TD-649:	B. Marti (Vice_Chairman of Study Group VIII) Participation of CCITT in ISO/IEC JTAG2 on Imagery
TD-658:	Special Rapporteur for Q.16/VIII Draft Agenda for the SpR Meeting on Q.16/VIII
TD-659:	Special Rapporteur for Q.16/VIII Facsimile G3 Test Charts and Test Documents

TD-660: Special Rapporteur for Q.16/VIII

Report on Work Accomplished Since the March 1991 SGVIII Meeting

TD-661: Special Rapporteur for Q.16/VIII

Draft Reply to the Question

TD-662: Special Rapporteur for Q.16/VIII

Color-Facsimile: Info on the Potential Use of ASN.1 for JPEG in a Photovideotex Environment

TD-663: Special Rapporteur for Q.16/VIII

Draft Agenda for the SpR Meeting on Q.16/VIII (Duplicate)

TD-667: Special Rapporteur for Q.16/VIII

Draft Recommendation T.81 (Introduction)

TD-668: Special Rapporteur for Q.16/VIII

Draft Recommendation T.80

TD-669: Special Rapporteur for Q.16/VIII

Draft Recommendation T.81 (ISO/IEC DIS 10918) (Camera Ready Copy)

TD-676: CCITT Secretariat:

List of Reports Published After SG VIII's April 1991 Meeting

TD-693: Chairman of Working Party VIII/4

Guide for CCITT and ISO/IEC JTC| Cooperation (September 17-18, 1991)

TD-740: CCITT Secretariat:

Documents of Reference for Seeking Unanimous Approval according to Resolution 2 on Friday, 25 October 1991

TD-741: Secretary of Working Party VIII/3

Report of the Opening Meeting of Working Party VIII/3 Resolution 2 on Friday, 25 October 1991

ANNEX C

CCITT

STUDY GROUP VIII

Temporary Document ___ - E

Original: English

Geneva, 16 - 25 October 1991

Question: 16/VIII

SOURCE: CCITT STUDY GROUP VIII

TITLE: LIAISON STATEMENT

TO: ISO/IEC JTC1/SC29

SUBJECT: DESIGNATION OF LIAISON

POINT OF CONTACT:

Dr. Istvan Sebestyen
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FAX: +49-89-722-47713

CCITT Study Group VIII congratulates ISO/IEC JTC1/SC29 on its recent formation, and looks forward to working closely with you on a number of your various projects.

In this regard, CCITT Study Group VIII is designating the individual named above as its official liaison to your group.

Please insure that this individual is included as an addressee on all distributions from your group.

ANNEX D

CCITT

STUDY GROUP VIII

Temporary Document ___ - E

Original: English

Geneva, 16 - 25 October 1991

Question: 16/VIII

SOURCE: CCITT STUDY GROUP VIII

TITLE: LIAISON STATEMENT

TO: ISO/IEC JTC1/SC29

SUBJECT: PROPOSAL FOR COLLABORATIVE INTERCHANGE

REFERENCE: ISO/IEC PROJECT 1.02.17.03 (CONTINUOUS-TONE IMAGE CODING)

POINT OF CONTACT:

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Hofmannstrasse 51
D-W-8000 Munchen 70
Germany

TEL: +49-89-722-47230
FAX: +49-89-722-47713

CCITT Study Group VIII congratulates ISO/IEC JTC1/SC29 on its recent formation, and looks forward to working closely with you with respect to the referenced project in a continuation of the effort that we began together in 1988 when you were part of ISO/IEC JTC1/SC2.

In this regard, CCITT Study Group VIII proposes that we continue this close cooperation using the Collaborative Interchange Approach described in Section 7 of the Guide for CCITT and ISO/IEC JTC1 Cooperation dated 17-18 September 1991, or such successor documents as may arise.

Please confirm your acceptance of this proposal by means of communication with the person identified above.

ANNEX E

CCITT

STUDY GROUP VIII

Temporary Document ___ - E

Original: English

Geneva, 16 - 25 October 1991

Question: 16/VIII

SOURCE: CCITT STUDY GROUP VIII

TITLE: LIAISON STATEMENT

TO: ISO/IEC JTC1/SC29

SUBJECT: PROPOSAL FOR COLLABORATIVE INTERCHANGE

REFERENCE: ISO/IEC PROJECT 1.02.17.04 (BI-LEVEL IMAGE CODING)

POINT OF CONTACT:

Dr. Istvan Sebestyen
SIEMENS; PN ST A5
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D-W-8000 Munchen 70
Germany

TEL: +49-89-722-47230
FAX: +49-89-722-47713

CCITT Study Group VIII congratulates ISO/IEC JTC1/SC29 on its recent formation, and looks forward to working closely with you with respect to the referenced project in a continuation of the effort that we began together in 1986 when you were part of ISO/IEC JTC1/SC2.

In this regard, CCITT Study Group VIII proposes that we continue this close cooperation using the Collaborative Interchange Approach described in Section 7 of the Guide for CCITT and ISO/IEC JTC1 Cooperation dated 17-18 September 1991, or such successor documents as may arise.

Please confirm your acceptance of this proposal by means of communication with the person identified above.

ANNEX F

CCITT

STUDY GROUP VIII

Temporary Document ___ - E

Original: English

Geneva, 16 - 25 October 1991

Question: 16/VIII

SOURCE: SPECIAL RAPPORTEUR FOR QUESTION 16/VIII

TITLE: IBM LICENSE ARRANGEMENTS FOR ARITHMETIC CODING PATENTS

IBM has advised CCITT that, beginning October 22, 1991, it will grant to requesting parties licenses to use its Arithmetic Coding patents in connection with standards requiring the use of such coding.

The nature of the arrangements associated with these licenses, together with the steps which prospective licensees should take to request a license, or to request further information concerning these license options, is described in the attached letter.



Office of the IBM Director of Commercial Relations
International Business Machines Corporation

2000 Purchase Street, Purchase, NY 10577

October 22, 1991

M. Theodore Irmer
Director, CCITT
Union Internationale de Telecommunications
Place des Nations
CH-1211 Geneve 20
Switzerland

Subject: IBM Patents for Arithmetic Coding

Dear M. Irmer:

We understand that the efforts to adopt the recommendations of the Joint Photographic Experts Group (JPEG) and the Joint Bi-level Images Group (JBIG) are progressing, and we extend congratulations to all those involved in these efforts. In recognition of the importance to the information technology industry of this work, IBM is pleased to advise CCITT that licenses to use IBM's Arithmetic Coding patents in connection with standards requiring use of such coding, will be granted to requesting parties as of the date of this letter.

The rights granted will be nonexclusive, worldwide, paid-up and irrevocable licenses and immunities under enumerated IBM patents. The fees will be one-time payments of $5,000 for rights under certain IBM patents we believe will be necessarily infringed by those complying with the JPEG, JBIG and equivalent specifications, recited in draft and adopted standards, and $10,000 for rights under additional IBM patents we believe will be useful in the efficient implementation of those specifications. A royalty-bearing license on the normal reasonable and non-discriminatory terms and royalty rates then-offered by IBM, will be available to any party that does not wish to accept the one-time fee license offer.

A party that wishes to receive further information on these license options, or to request a license, should write to:

John W. Lowe
Program Manager, Commercial Relations
IBM Corporation
2000 Purchase Street
Purchase, New York 10577

Any party receiving such a grant from IBM must agree to grant IBM an option to a nonexclusive, world-wide, paid-up and irrevocable license and immunity under that party's patents relating to the relevant specifications, on terms and payments no less favorable than those granted by IBM.

We look forward to adoption of the JPEG and JBIG work with due speed, and await requests from those interested in licenses under the offer extended herein.

Sincerely,

H. J. Hall

/kms

cc: Gary Fereno, CCITT
Jean Lepesqueur, CCITT
J. W. Lowe
C. F. Touchton

ANNEX G

T.80

(TO BE ADDED)

ANNEX H

T.81

(TO BE ADDED)

ANNEX I

T.82

(TO BE ADDED)

EXHIBIT 18

Philips / LG
Akiz 4.9.84/06
Schmitz 15.09.2006
RAe Wildanger, Dr. Kehrwald

C C I T T

Document No. 2-E

Meeting of Chairmen of Study Groups

Geneva, 8-9 December 1983

Original : English

Question: 1.1.1

TITLE : CCITT PATENT POLICY

The question of how to deal with patented subjects in CCITT first came up in the early 1970's. In view of the experience of other standardization organisations (e.g. IEC, ISO) and the desirability to apply the same rules for all organisations, it was decided to adopt in principle the IEC/ISO rules for CCITT work.

These rules stipulate that Study Group members should inform the meeting if they know of any patent concerning a subject under study. If such a patent exists, the patent holder is required to make the patent available to members. The minimum requirements are, to grant licenses on a non-discriminatory basis and for reasonable fees. Such a statement by the patent holder is usually published as a meeting document. Members of the Study Group are then free to negociate a license agreement with the patent holder until the next Plenary Assembly when the draft Recommendation concerned is submitted by the Study Group for approval by the Plenary.

If any such license negociations fail, the Administration concerned may request the Study Group Chairman to withdraw this draft Recommendation from the Plenary Assembly.

These rules, although not printed in the CCITT Book, have worked satisfactorily over the years and the CCITT secretariat is not aware of a single case where the rules did not resolve the problem. Paul Hilgo UK/Codex

The advice of the CCITT Study Group Chairmen is sought as to whether the present procedure can be continued or whether they have encountered difficulties in their Study Groups.

UK: reservation