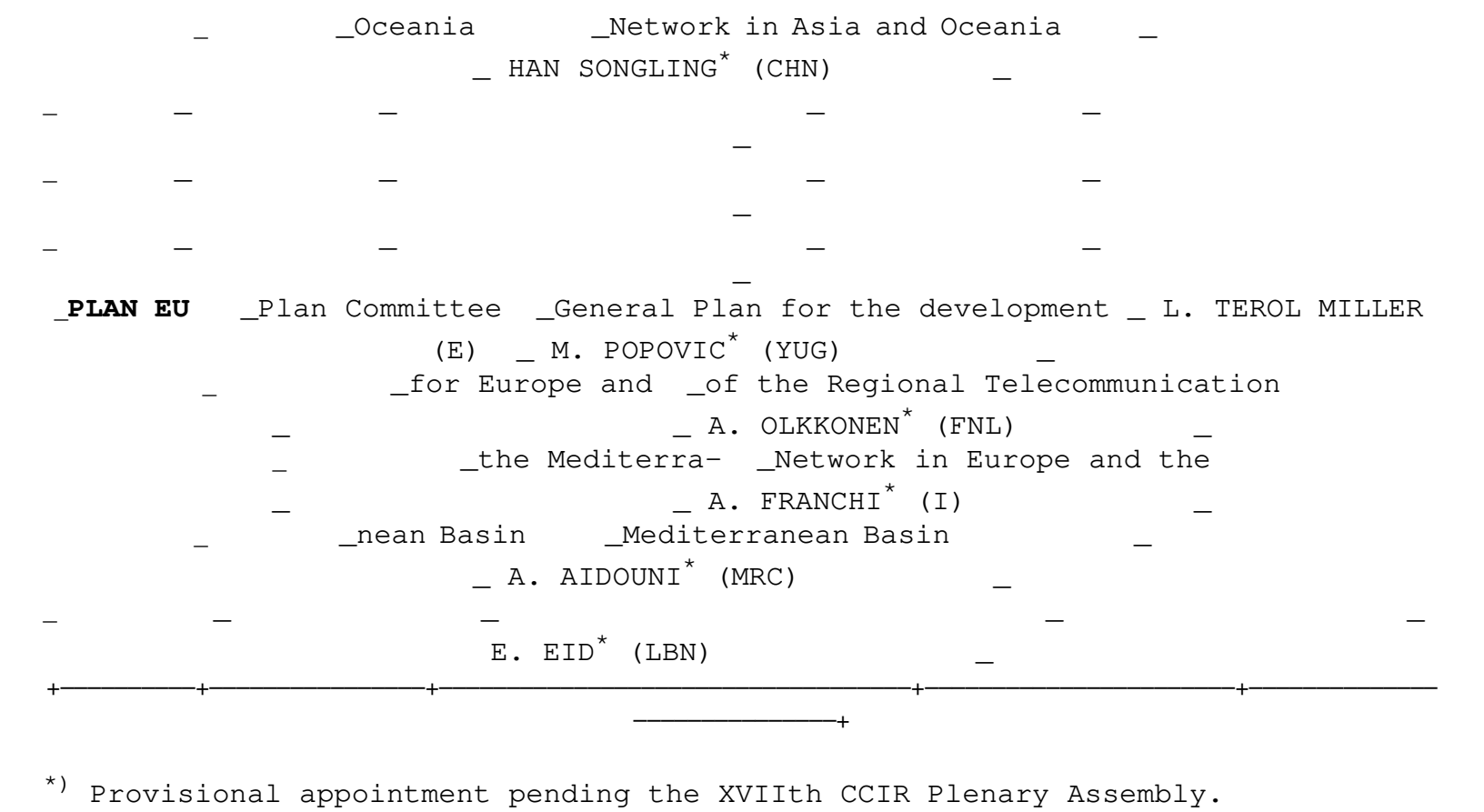
Designation	Title	Chairman	Cive-Chairmen
GAS 12	Strategy for the introduction of new non-voice telecommunication services	J.B. PECRESSE (F)	K. BOUFARHAT (LBN) K. AYIKOE (TGO) C. MOTEGI (J) D. DE MAIO (I) K. SORO (CTI) M. LHOR (MRC) D. TOURE (MLI) J. KONDAOULE (CAF) H. SUROSO (INS) A. MOHSENZADEH (IRN)

[1] Senior Chairman for coordinating the activities of the GAS and the associated technical assistance questions including liaison with the Plan Committee in such matters.

SPECIAL AUTONOMOUS GROUPS

Designation	Title	Chairman	Vive-Chairmen
GAS 7	Rural Telecommunications	C. RUDILOSSO (I)	J. DOMINGUEZ SANZ (E) O. KURITA (J) A. NUGROHO (INS) S. SHADKAM (IRN) E.J. ANTARI (MRC) L. LOPEZ CELAYA (MEX) M. GOUDELIS (GRC) B. LENTCHOU KOUAYEB (CME) D. DIAKITE (MLI) M. MORRIS (CAN)
GAS 9	Economic and technical aspects of transition from an analogue to a digital netowrk	M. GHAZAL [1] (LBN)	M. HOSHI (J) G. HATZOPOULOS (GRC) P.D. LANSARD (F) J.H. BOBSIN (USA) P.G. TOURE (SEN) A. SANATI (IRN) A.S. ABUREZQ (KWT) N.O.O. ADJEBU (GHA) S. BIJAYENDRAYODHIN (THA) J. YONGORO (CAF) Cheik Sidi M. NIMAGA (MLI)



*) Provisional appointment pending the XVIIth CCIR Plenary Assembly.

PLAN COMMITTEES

(Joint CCITT/CCIR Committees administered by the CCITT)

Designation	Title	Chairman Vice-Chairmen
WORLD PLAN	World Plan Committee of the International Telecommunication Network	General Plan for the development (E) SAGOE KOW (CTI) P. GONIN (F) Y. KAWASUMI* (J)	C.R. CRUMP (USA) L. TEROL MILLER Chairman designated
PLAN AF	Plan Committee for Africa	General Plan for the development of the Regional Telecommunication Netowrk in Africa (CME) M.M. KEITA (MLI) J.C. KOUNKOU* (CAF) S.J. NJAGAH* (KEN) Cheik T. MBAYE* (SEN) A.S. DLAMINI* (SWZ)	E. KAMDEM-KAMGA
PLAN AL	Plan Committee for Latin America	General Plan for the development of the Regional Telecommunication Network in Latin America R. PEDROSA PEREZ (CUB) J.S. POLLONI (CHL) J.R. NEEDE (SUR) F. CASTRO ROJAS* (CLM)	A.F. GARCIA (ARG)
PLAN AS	Plan Committee for Asia and	General Plan for the development of the Regional Telecommunica-	J.L. PARAPAK (INS) H. MAHYAR* (IRN)

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_CMTT   _CCIR/CCITT      _Television and sound transmission_ W.G. SIMPSON (G)
_G. ZEDLER (D)                _
_        _Joint Study Group _
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REGIONAL TAFIFF GROUPS OF STUDY GROUP III

Designation	Title	Chairman Vice-Chairmen
GR TAF	Tariffs (Africa)	M. HAILE (ETH) F. BACHABI (BEN) M. BAKO (BFA) J.M. SAKILA (CAF) A.H.J. MARIJANI (TZA) M. NYEMECK (CME)
GR TAL	Tariffs (Latin America)	F. RODRIGUEZ ACOSTA (CUB) (CHL) (CLM) (URG)
GR TAS	Tarifs (Asia and Oceania)	N. VIRATA (PHL) A. LOTFI-KAZEMI (IRN) H. KOESOEBIJONO (INS)
GR TEUREM	Tariffs (Europe and the Mediterranean Basin)	G. REPICI (I) U. JACKOWSKA (Mme) (POL) J. MARTORY (F) S. SYPERDA (HOL) N.B. RIHAN (LBN)

JOINT STUDY GROUP

Designation	Title	Chairman

Designation	Title	Chairman	Vice-Chairmen
COM XVIII	Study Group XVIII	ISDN	H.K. PFYFFER (SUI)	V. JOHANNES (USA)
			F. LUCAS (F)
			J.C. LUETCHFORD (CAN)
			B.W. MOORE (G)
			J. CLAUS (D)
			A. DAY (AUS)
			G. PELLEGRINI (I)
			K. ASATANI (J)
	Terminology	M. M. THUE (F)[1)]	

[1)] Chairman of the Coordination Committee

_F. HOFMAN (HOL)

_D. FISHER (G)

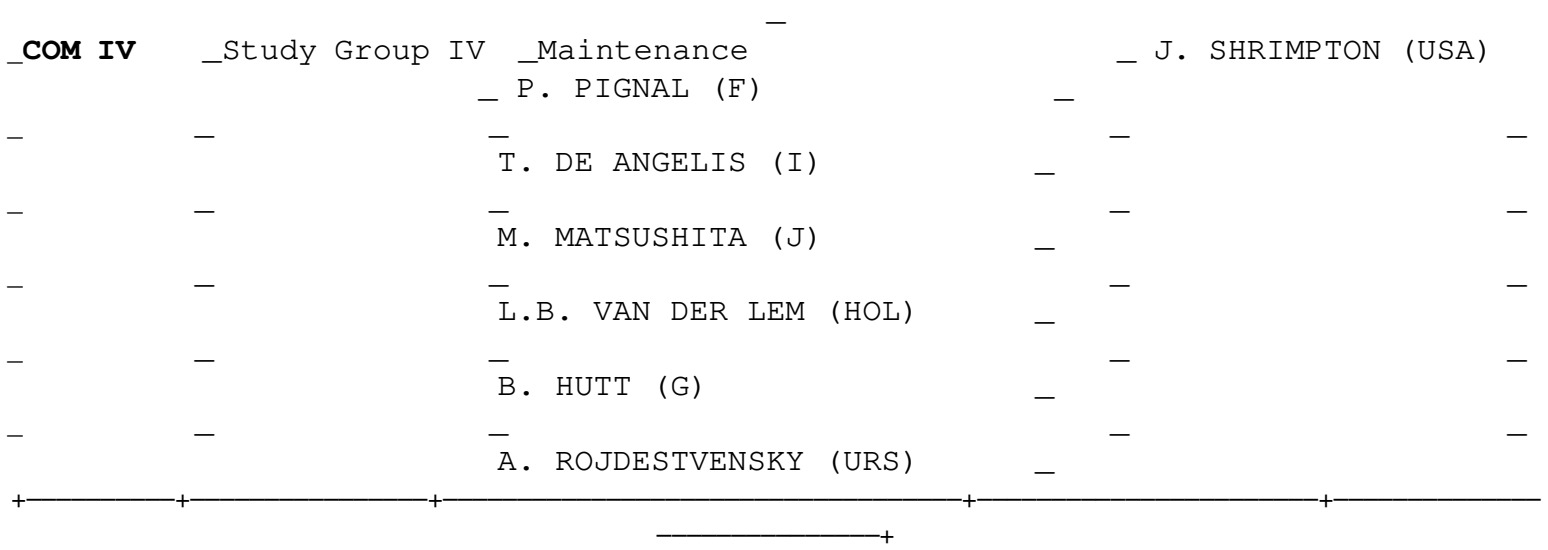
_P.A. PROBST (SUI)

_COM XVII	_Study Group XVII_Data Transmission over the Telephone Network		_ K. KERN (D) _R.P. BRANDT (USA) _A. PALAMIDESSI (I)	

Designation	Title	Chairman	Vice-Chairmen
COM X	Study Group X	Langages for Telecommunication Applications	C. CARRELLI (I)
			K. SCHULZ (D)
			O.F. FAERGEMAND (DNK)
			B. LINDBERG (S)
COM XI	Study Group XI	Switching and Signalling	J.S. RYAN (USA)
			S. KANO (J)
			P. COLLET (F)
			P. STERNDORFF (DNK)
			W. LANGE (D)
			R. DAVID (BEL)
			H. APPENZELLER (CAN)
COM XII	Study Group XII	Transmission Performance of Telephone Networks and Terminals	P. LORAND (F)
			N. GLEISS (S)
			J. BARNES (G)
			G. LAJTHA (HNG)
			J. ROSENBERGER (USA)
COM XV	Study Group XV	Transmission Systems and Equipment	A.M. NOURI (ARS)
			M. YAMASHITA (J)
			W. BARJASZ (POL)
			G.K. HELDER (USA)
			P. WERY (CAN)
			F. TOSCO (I)

			Y. YAMAZAKI (J)	
COM IX	Study Group IX	Telegraph Networks and Telegraph Terminal Equipment	M. MATSUBARA (J)	
			B. KOROP (URS)	
			B. KUBIN (TCH)	
			H. FOURNIER (CAN)	
			W. FAY (IRL)	

Designation	Title	Chairman	Vice-Chairmen
COM V	Study Group V	Protection against Electromagnetic Effects	H. LORKE (DDR) S. GUZIK (CAN) G. MEINERI (I) R. THARBY (G) G. VARJU (HNG)
COM VI	Study Group VI	Outside Plant	K. NIKOLSKY (URS) LI YUANPENG (CHN) L. MOLLEDA SUSAETA (E) J. AFSHARI (IRN)
COM VII	Study Group VII	Data Communications Networks	J.O. WEDLAKE (G) L. LAVANDERA SANCHEZ (E) H.V. BERTINE (USA) P.G. BOWIE (CAN) S. TOMITA (J) R. PARODI (I) J. PARK (AUS) P. PUGES (F)
COM VIII	Study Group VIII	Terminals for Telematic Services	W. STAUDINGER (D) B. MARTI (F) A. PUGH (G) V. SIVAKOV (URS) A. MACCHIONI (I)


COM IV
Study Group IV
Maintenance
J. SHRIMPTON (USA)
P. PIGNAL (F)
T. DE ANGELIS (I)
M. MATSUSHITA (J)
L.B. VAN DER LEM (HOL)
B. HUTT (G)
A. ROJDESTVENSKY (URS)

STUDY GROUPS

Designation	Title	Vice-Chairmen	Chairman
COM I	Study Group I	Services	M. ISRAEL (CAN)
		A.K. CABRERA (AUS)	
		R. RUGGEBERG (D)	
		J. HAMEL (F)	
		Y. NISHIZAWA (J)	
		P.A. WENGER (SUI)	
		R. SMITH (USA)	
COM II	Study Group II	Network Operation	G. GOSZTONY (HNG)
		T. OHTA (J)	
		I.N. KNIGHT (USA)	
		A. LEWIS (CAN)	
		F. DANNEELS (BEL)	
		M. READ (G)	
COM III	Study Group III	Tariff and Accounting Principles	B. ROUXEVILLE (F)
		J. O'BOYLE (USA)	
		E.J. EXTON (CAN)	
		H. HELLING (S)	
		T. MATSUDAIRA (J)	
		H. TRAORE (Mme) (MLI)	
		J.F.H. PAYMANS (HOL)	

LIST OF QUESTIONS AND ASSIGNMENT OF THESE QUESTIONS