Ad Hoc 206,24,86 Administrative Council, 12,52 Advanced communications technology satellite (ACTS), 42,45 Aeronautical mobile-satellite service (AMSS), 20,33,39 Allocation, 4 AM radio broadcasting, 30,32 APC (aeronautical public correspondence), 23,39 Apple Computer, 43 Attenuation, 30-31	Structure, 76-80 WARC preparations, 24-25,80-84 Fiber optics, 46-47 FMAC Subcommittee, 87-88 FPLMTS (Future Public Land Mobile Telecommunication Service), 21-22,38 France Telecom, 69 Frequency bands, 4-6,7,29-30,32-34 and radio waves, 28, 29 Frequency Management Advisory Council (FMAC), 86-87
Bandwidth, 28,34	rrequency management Advisory Council (PMAC), 60-67
Baran, Jan, 25,91	
British Telecom, 69	Globalization, 63-64
Broadcasting, 35-36 BSS Sound (Broadcasting Satallita Sorvice Sound), 12, 14-16	Groundwave, 32
BSS-Sound (Broadcasting-Satellite Service-Sound), 12, 14,16, 17-18,36,76,80	GTE Mobilnet, 37
Bureau of International Communications and Information	
Policy, see CIP	Head of delegation, 25,89,91-92
Bypass, 40-41	Helman, Gerald, 56,90,92
	Hertz (Hz), 28 HFBC-87, 10, 17
Cable television, 37,38,47	Highdefinition television (HDTV), 18-19,35
Carrier wave, 27,29	High frequencies (HF), 16,33-34
C-band, 42	broadcasting, 16-17
CCIR, see International Radio Consultative Committee	High Level Committee (HLC), 13, 15,49,56-61
CCITT, see International Telegraph and Telephone Consultative committee	Holmes, Bradley, 90, 100 Hoover, Herbert, 6
CDMA (Code division multiple access), 45,46	Hoover, Herbert, o
Cellular telephone service, 36-37,44	
CEPT (Conference of European Postal and Telecommunications	Industry Advisory Committee (IAC), 17,24,25,81-83,90,97
Administrations), 17,65,67,72	Interactive video data service, 42
CIP (Bureau of International Communications and Information Policy), 90-92	Inter-American Telecommunications Conference, 2,65,66-68, 69,70,86,87-88
CITEL, see Inter-American Telecommunications Conference	and U.S. private sector, 94 Interdepartment Radio Advisory Committee (IRAC), 86,88,97
Communications Act of 1934,75 Compression, 44-45	International Frequency Registration Board (IFRB), 17,52
COMSAT, 45	International Radio Consultative Committee (CCIR), 18,22,24,
Congress, 6-7	53-55,61-62,66,68,86, 90
CT2 (cordless telephone 2), 38,41	and U.S. private sector, 94
	International Telecommunication Union (ITU)
Department of Defense, 16,76	changes in, 56-62,69 Convention, 12,49-50
Department of State, 13,24,75-76,89-92	development activities, 62
and private sector 94	history, 49-50
Digital audio broadcasting (DAB), 34,36	importance, 14, 55-56
Ducting, 32,34	structure, 50-55
	International Telegraph and Telephone Consultative Committee (CCITT), 55,66,68,90
Eastern bloc, 13,73	(CC111), 33,00,00,30
Emerging Telecommunications Technology Act of 1991,6-7,	
101 Ericsson, 43	Ka-band, 42
European Community (EC), 65,72	Ku-band, 42
Executive Order 12046,75, 84,89,90-91	
	L-band, 16, 18, 83
Federal Communications Commission (FCC), 9,24,75	Liberalization, 69-70
and private sector, 92-93	Line-of-sight communication, 31 Ire-jack, 42

Low-Earth orbiting satellites (LEOS), 12,20,22-23,39-40, 80-81,83,84	Robinson, Glenn 0.,98
	Satellite CD Radio, 46
Maximum usable frequency (MUF), 31	Satellite services, 41-42
Marshall, Sherrie, 81	Scientific and industrial organizations (SIOs), 53
MOB-87, 19	Shortwave, 28,33
Mobile Satellite Service (MSS), 16, 19-23,3940,76	Sikes, Alfred C., 76, 100
Mobile Services, 36-39	Single sideband transmission, 17,46
Modulation, 27,30	Skywave, 33
Motorola, 20,22,40,43,45	Space services and operations, 24
	Specialized Mobile Radio (SMR), 39,44
	spectrum, 4,6,30
NASA, 42	as public resource, 6
National Telecommunications and Information Administration	management, 8-9, 13
NTIA), 9924,47,75,84-89,97	scarcity of, 7, 8, 34-35
and private sector, 93-94	
Structure, 84-88	solutions to congestion of, 43-47
WARC preparations, 24-25,84,86	spectrum Planning Advisory Committee (SPAC), see
NEC, 43	Frequency Management Advisory Council
Norris Satellite, 42	Spread spectrum, 45-46
Notices of Inquiry, 20,80-81,97	Study Group 12,62
NTIA Organization and Authorization Act, 89	m . D.II
	Tarjanne, Pekka, 27
OAS, 66	TDMA (time division multiple access), 45
	Technological change, 2, 12-13,63
Obuchowski, Janice, 87, 100	Telecommunications Advisory Committee, 90
Office of Engineering and Technology (OET), 76-77	Telepoint, 37,38
Office of International Affairs (OIA), 84,86	Teletrac, 42
Office of International Communications (OIC), 78-80	Troika, 100
Office of Spectrum Management (OSM), 84,86	Truman, Harry S, 1
ORB-88, 10,17, 19	
Orbcomm, 40	Trunking, 44
	Urbany, Francis, 81
Paging, 38-39	U. S. S.R., 13,73
Part 15 devices, 40	C. S. S.Iv., 15,75
Permanent technical committees (PTC), 66,68	
Personal Communication Network (PCN), 38	VITA, 40
Personal Communication Services (PCS), 14,21,34,37-38,	Voluntary Group of Experts (VGE), 61
40-41	VSAT (very small aperture terminal), 41
Plenipotentiary Conferences, 49,50	voiri (voi) sinair aportaro terminai), ri
general, 49-52	
0	WARC-92
1989 (Nice, France), 10, 12	agenda, 10, 12, 19,
Post, telegraph, and telephone administrations (PTTs), 69	background, 10-12
Private sector, 92-95	context for, 12-14
Privatization, 69-70	implications for policy, 97-105
Dedical termination Certallity Committee (DDCC) 80 00	importance, 14-15
Radiodetermination-Satellite Service (RDSS), 23,39	issues, 15-24
Radio waves, 4,27-30	preparations, 24-26,75-76
Radio Regulations, 8,9,61	Wavelength, 28,30
Ram Mobile Data, 43	Wireless data, 43
Recognized private operating agency (RPOAs), 53	World Administrative Radio Conferences, 52
Reflection, 31	general, 9-10
Refraction, 31	specialized, 10
Regional Administrative Radio Conference (RARC), 10	1979, 1, 17,77-78
Regionalism, 64-68	, -,,