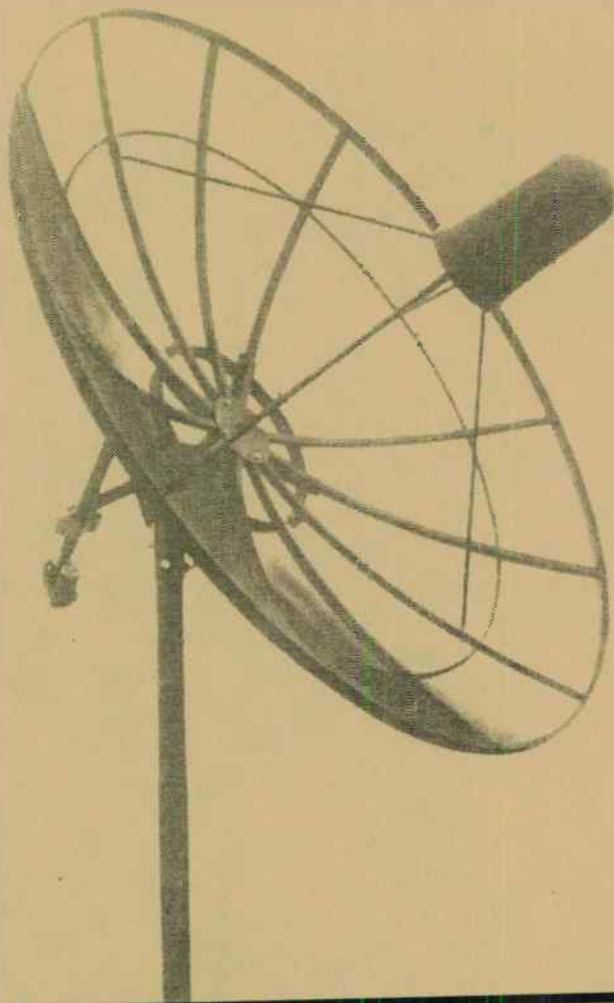

SATELLITE RADIO GUIDE

JUNE 1994

EDITION NUMBER



SECTION A

SATELLITE RADIO-AUDIO
SUBCARRIER SERVICES
(ABOVE VIDEO, 5.0 MHz TO 8.0 MHz)

SECTION B

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100 kHz TO 5.0 MHz

SECTION C

COMPLETE SCPC CHANNEL LIST,
ALL SATELLITES, REGION 2

SECTION D

OTHER SERVICES,
WEATHER FACSIMILE PHOTOS,
PRESS FACSIMILE PHOTOS,
NOAA WEATHER

UNIVERSAL ELECTRONICS, INC.
Communications Specialists

4555 Groves Road, Suite 12 Columbus, OH 43232
Phone: (614) 866-4605 Fax: (514) 866-1201

SATELLITE RADIO GUIDE

SECTION A

In Section "A", most audio subcarriers on 6.2 and 6.8 MHz are audio furnished for video transponders. Occasionally, these frequencies are used for audio only services

AUDIO SUBCARRIERS (ABOVE VIDEO - 5 TO 8 MHz)

SATCOM C-5 139°W

TR-24	ARIES - Reading Service, Sight Impaired	6.45
	Radio KSKA-FM, Alaska Public Radio (D)	7.35/7.55

SATCOM C-1 (F-1) 137°W

TR-2	Peoples Radio Network, "For The People," Talk	7.55
TR-3	"In Touch" Service-Reading Service for Sight Impaired	5.58
	BBC World Service, British News	5.58
	Occasional Audio Services	7.50
TR-4	Data Transmission	5.58
	Sports Channel - Audio	6.80
TR-6	LDS, Church of Jesus Christ L.D.S. Radio Network	5.58
TR-11	Personal Radio Service	7.5
TR-12	Audio of PPV - Sports Channel	6.8
TR-13	Audio of PPV - Sports Channel	6.8
TR-15	RAI, Italian Radio Network	7.38
TR-16	Chinese Programming	6.20/6.80
TR-20	Various Talk Shows, Independent Broadcasters Network	7.38
	Sonny Block	

SATCOM C-4 (F-4) 135°W

TR-5	Deutsche Welle, German Radio	7.02/7.20/7.38
	Deutsche Welle, English Service	8.1

TR-8	Tidewater Radio, Ethnic, Black Religious United Video Music, Background, News SOS Radio Network, KILA-FM Christian Music, Talk	5.58/5.78 5.9 7.38/7.56
TR-10	"In Touch," Reading Service for Sight Impaired Business Radio Network, News, Business, Talk KNOW-AM, Minn., MN, Public Radio, Talk, Variety	7.875 8.05 8.235
TR-15	WQXR-FM, NY Classical Radio	6.3/6.48
TR-19	C-Span Service, Chan 2, 24 Hour Programming	5.58

SATCOM C-3 (F-3)131°W

TR-1	Standard Broadcasting Net, Var. Services	6.2
TR-6	Independent Broadcasters Network, Sonny Bloche	5.8
TR-7	C-Span Audio 1, Congressional Hearings, Other Programming C-Span Audio 2, Various Programming, BBC World Service C-Span Audio, Various Programming Schedule	5.22 5.4 5.58
TR-23	WCCO-AM, Minneapolis-St. Paul Cable Radio Network, Los Angeles, CA	6.2 7.23

ASC-1 (A-7)128°W

TR-18L(2)	Mutual Broadcasting, Occasional Audio Paul Harvey, 1:00 P, NB,	7.6 5.22
TR-18L(22)	Radio France, Int. WCCO-AM, Minn., Mn., Talk, News KWLM, Minn., Talk, News Radio OZ, Programming for Children	5.8 6.2 7.65 7.92/8.10
(23)	Deutsche Welle - Scheduled Hours World Radio Network, World Affairs, News (See Enclosed WRN Schedule)	6.2 6.2

GALAXY 5 (G-5)125°W

TR-2	KLON-FM, Jazz Music	5.58/5.75
TR-5	CNN Radio Network	7.50

TR-7	WFMT-FM, Chicago, IL, Classical Music	6.3/6.48
	BBC	5.40
	KJAZ-FM, Jazz Music	5.58/6.12
TR-11	Standard News Network	6.12
	CBN, Christian Radio Net, Religious, Talk, Music	6.3/6.48
TR-18	WSM-AM, Nashville, Country Music	7.38/7.55
TR-21	America's Country Music, Country Music (Super Radio)	5.04/7.75
	Soft Hits, Soft Rock, (Super Radio), Big Bands	5.22/5.40
	Big Bands, Saturday 10-2 AM (Super Radio)	5.58/5.75
	Light and Lively Rock, Cont. Music (Super Radio)	5.94/6.12
	Classic Collections, Classical Music (Super Radio)	6.3/6.48
	New Age Jazz (Super Radio)	7.38/7.56
	Classic Hits, Golden Oldies, 50's, etc. (Super Radio)	8.10/8.28
TR-22	CNN Headline News	7.56

MORELOS 2 (M-2)

116.8°W

TR-7(14)	XEW-AM, Mexico City, Variety, Music	7.4
TR-8	XWFM-Mexico City	7.38

ANIK E-2 (A-1)

107.1°W (OUT OF SERVICE)

The Canadian Satellite ANIK E-2 (A-1) suffered a major operational failure on January 20, 1994 as a result of a massive geomagnetic storm, presumably initiated by a large solar disturbance. This disturbance caused the momentum wheel controls which stabilize the satellite to fail and misdirect the antennas. Attempts are now being made to place this satellite into service in the next six months. In the meantime, most of the audio service has been moved to the remaining Canadian Satellite ANIK E-1 (A-2) located at 111.1° West. Late news on this satellite will be included in future updates. Most changes have been made in this issue of the Satellite Radio Guide Number 3-94 (March, 1994).

TR-2	Interstate Truckers Network 12:-8:00 AM	5.22
	WGN-AM Chicago 8-11 AM	5.22
	CUE Network, Adult Rock	5.4/5.58
	CILQ-FM, Toronto	5.76/5.94
	CFMY-FM, Toronto	6.2/6.3
	Music Programming, Occ. Audio	6.4
	CJAD-AM, Montreal, Talk, News, Hockey	6.52
	CUE Network, Occ. Audio	7.6
	Expos Radio Network, Montreal	7.87
TR-6	CFHI-FM, Toronto, MOR, Music	6.8
TR-8	CHFI-FM, Toronto, Music Format	5.4/5.48
TR-9	Music, Classical Selections, News/Commercial Free	6.3
	CJMS-AM, Montreal, French Service, Music	7.6
TR-10	CHFI-FM, Toronto, Music Format	6.8
TR-12	CKRW-AM, CHON-FM, Yukon, Country/Western	5.41
	CHFI-FM, Toronto, Music	6.8
	VOCM-AM, Newfoundland, Adult Music	6.17
TR-13	CBC-Radio, East	5.40
	CBC-Radio, Atlantic Region	5.58
	CBC-East	5.76/5.94
	CBS-Radio, Atlantic Region	6.12/6.3
	Voice-Print, Reading Service, News, Books	7.45
TR-14	CKNM-FM, Whitehorse Yukon, Country Western	5.40
	CHFI-FM, Toronto, Music Services	6.8
TR-15	CBC-Radio, French Service	5.41/5.76
TR-18	CKRW-AM, Whitehorse, Yukon	5.41/6.8
	CFNR, Terrace, B.C., Country/Western	6.44
	CKER-AM, Edmonton, Cosmopolitan Multilingual, Ethnic	7.42
	CISN-FM, Edmonton, Alberta, Country/Western	7.52/7.60
	CJOR-FM, LaRonge, Sask., Country	7.69
	CIRK-FM, Edmonton, Alberta, Rock	7.78
	CFWE-FM, Lac La Bishe, Alberta	7.9
TR-20	CBC-Radio, East (French Service)	5.4/5.58
	CBC-Radio, Secondary Channel	5.76
	CBM-AM, Montreal, (CBC) English	6.12
	Radio Canada Int. (Occ) (French Service)	7.38

(NEW)

ANIK E-1 (A-2)

111.1°W

TR-22	CBC Radio, Pacific, English	5.76/5.94
	CFMI-FM, New Westminster, B.C.	6.8
	CBU-AM, Vancouver, B.C., English	7.42
	Horizon Background Music, News/Commercial Free	7.60
TR-24	Radio France Int.	5.4/6.12
	French Canadian Info Service	6.43
TR-T9(N)	CKUA-FM, Edmonton, Alberta, Classical Music	5.76/5.95
TR-T11(N)	Rock Music Overnight	6.12/6.30
	KFUO-AM, Religious Programming	6.5
TR-T18(N)	CJAD-AM, Montreal, Quebec, Talk, News, Hockey	6.5
TR-T20(N)	Radio Mutuel, Montreal, Quebec, Rock Music	6.12/6.30
	CJMS-AM, French, Contemporary Music	6.525
TR-T21(N)	Telemedia Radio	6.12/6.3/6.43/6.5
TR-T26(N)	CJRT-FM Toronto, Big Band, News	5.76/5.95
	Ojibway Radio, Native Language, N. Ontario	6.43
	" " " " " "	6.525

ANIK E-1 (A-2) KuBand

111.1°W

Stereo 5.76/5.94 MHz, Mono 5.41 MHz

TR-5	CBS Radio Services	5.76/5.94
	News World Programming	5.41
TR-14	MUCH Music	5.76/5.94
TR-16	Knowledge Network	5.41
TR-21	Communications Network, Sask.	5.41
TR-22	Radio Quebec	5.41
TR-26	La Chaine Network	5.41

NOTE: Other services are scheduled to appear on Ku-Band Section of ANIK E-1 (A-2) in the future.

TR-20	Much Music, Stereo	5.4/6.2
	" " , Mono	6.67

GALAXY 4 (G-4)

99°W

TR-6	KDVA-FM, Gravette, AK, Variety, Music	5.58/5.76
	WCRP-FM, PR - Religious, Talk, Spanish	6.53
	USA Superstation, Misc., Programming	5.7
	Reach The World, Religious Services	7.56
	Inspirational Radio, Religious Music	7.75

TR-8	Spanish Broadcasting, Hispanic Radio Network	7.75/7.93
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TR-10	CKAC, Montreal, Radio	6.4
	CFGL, Quebec Radio	7.6
	CKAC, Montreal, Radio	5.7

TR-15	WHME-Radio, Harvest Radio	5.8
	Old Time Radio	6.2/6.8
	World Harvest Radio	7.4/7.6
	People's Radio Network-For The People, Chuck Harder	7.46 Day
		7.55 Night

TR-20	WCBS, New York, News Radio	7.4
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GALAXY 4 (Ku-Band), G-4

99°W (Ku-Band)

TR-23	Mormon Tabernacle Church-Mormon Choir, Sun. 11:30 AM (No Video)	6.2/6.8
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GALAXY 3 (G-3)

93.5°W

TR-9	Antenna Radio (Greek) Music	5.85
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TR-11	IBN Network, Religious	7.4
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TR-13	The Lyte, Adult Contemporary, Smooth Jazz	7.4
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TR-14	MORE Network, Jazz, Music	7.4
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TR-15	WOKI-FM, Country & Western	7.5
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TR-17	Omega Network - 9 P-12, 10 P-12M, DB-1 Satellite Show	5.8
	Yesterday, USA Superstation, Old Time Radio	6.2

TR-9	CNN In-Flight News (English)	6.2
	CNN In-Flight News (Spanish)	6.8
TR-14	Yesterday, U.S.A., Old Time Radio	5.72
	Religious Programming, Music	7.74
	Reach The World, Varied Programming	7.56

SPACENET 3 (S-3)

87°W

TR-2(3)	KUCV, Nebraska Public Radio	5.75/5.95
	WROL-AM, Boston, Ethnic Religious Music, Irish Music	6.2
	Radio Talking Book Service, Reading Service	
	Nebraska Public Radio	6.48
TR-3(5)	USA Radio, Various Audio Services	5.4/5.75/5.95/6.12
	Yesterday Radio - Old Time Radio	5.72
	Religious Education Service, Religious Format	6.5
	USA Superstation, Yesteryear Radio, Old Time	6.8
TR-5(9)	CNN Radio Network, News Feeds, All News	5.63
	Transtar Radio, Country/Western	5.75/5.95
	Urban Radio Service, Various Programming	6.3/6.5
	Talk America Network, Tom Donahue, Jack Anderson	
	Jerry Brown, Sports Fan Radio Network, M-F 9PM-9AM	6.8
	WVTY-FM, Pittsburgh, PA	7.32
TR-7(13)	USA Radio, Various Programming	5.0/5.2
TR-8(15)	Salem, Network News	5.4
	KLON-Satellite Jazz	5.58/5.76
	Ambassador Radio Service, Religious	5.95
	Radio Iran, Iranian Programming	6.16
	KKLA, L.A., Salem Satellite Net	6.3
	Ambassador Radio, Religious	6.48
	Spanish Programming	6.8
TR-9(17)	CBN Radio Service	5.0
	Yesterday Radio	6.2
(18)	In-Store, Oldies	5.2/5.4/5.67
	In-Store, Contemporary Music	5.76/5.94/6.48
	In-Store, Country Music	6.12
	In-Store, Contemporary Music	7.0/7.7/8.45
	In-Store, Easy Listening	6.3/7.2/7.38

TR-11(21)	WDET-FM, Detroit, MI, National Public Radio Lets Talk Radio Net, Talk Show	5.8/6.2 5.8
TR-13(2)	KUCV-FM, NPR Affiliate Talking Book Network, Neb. Reading Service Garden Show, Occ. Audio, BBC	5.75/5.95 6.48 6.8
TR-16(16)	CNN Radio, Network News Feeds	6.3

SATCOM F-2R (F-2)

72°W

TR-1	Arab Radio Network of America, Arab Programming	6.2/6.8
TR-5	Rev. Staires Radio Network - Religious Spanish Christian Radio Network - Religious	5.5 5.9
TR-7	Access America, Project Saturn, News	5.8
TR-11	Radio Personals	7.5
TR-18	Tropical Radio Service, Caribbean, French Cosmos Greek Radio	7.6 8.2
TR-22	Jewish Programming, WLIR	7.60
TR-23	Christian Radio Network, Christian Music	6.2/7.6

SATCOM SN-2

69°W

TR-2(2)	Radio France, Int., Music Variety Programming	5.8
(3)	Voice of America, Multi Linqal	5.95
	" " "	6.15
	" " "	7.34
	" " "	7.43
	" " "	7.52
	" " "	7.61
(4)	French Radio Service	5.8
TR-5(9)	NASA Channel, NSAS Today WCMQ-FM, Miami, Ethnic, Spanish	6.20/6.80 7.75/7.95

TR-6(11)	NBC News-Spanish Audio	6.2 Mono
TR-17(20)	Armed Forces Radio TV, Sports Channel, Talk Paul Harvey	6.2
	Rush Limbaugh-Live, 12-3 PM	7.40
	Motor Sports Network, Auto Racing Programming	7.40
TR-18(22)	Radio Franch International French Nat. Radio	5.8

SATELLITE RADIO GUIDE

SECTION B

SUBCARRIER CHANNEL BELOW VIDEO, FM²-FM/FM .100 kHz TO 5.0 MHz

GALAXY 4 (Ku-Band)

99°W

TR-1	FM ² , SPACOM Transponder, Data, Digital	
TR-4	Russian-American Radio, Russian Programming Other FM ² Services Appearing	1.18/1.35

SPACENET 3

87°W

TR-7(13)	Salem Radio Network, Religious	.15
	USA Radio Network	.33
	America 1, Religious, VCY 1	.51
	America 2, Religious, VCY 2	.78
	SMN, Rock Music	1.05/1.59
	SMN, Rock Music	1.23/1.41
	Moody Broadcasting Service, Religious	1.77/4.29
	SMN, Music	2.13/2.32
	SMN, Urban Contemporary Music	2.49/2.68
	SMN, Oldies Music	2.85/3.04
	SMN, Classical Rock	3.22/3.40
	SMN, Country Music	3.58/3.75
	SMN, Adult Contemporary Music	3.94/4.12
	Ambassador Radio Services, Religious	4.48/4.65
	International Broadcast Services, Varied Program	4.84
TR-9(17)	P.O.P. Point of Purchase, In Store Service	.15
	Christian Broadcasting Network, Religious	.33
	United Press Int., UPI Radio Network, News, Sports News	.51
	P.O.P. Point of Purchase, In Store Service	.645
	Paging Data	.835
	P.O.P. Point of Purchase, In Store Service	.916
	WCSG Network, Religious	1.275

TR9(17)	Skylight Network, Religious	1.77/4.28
	Weather Facsimile Photo's - Earth	1.858
	Weather Facsimile Earth Photos	1.930
	P.O.P. Point of Purchase, In Store Service	2.265
	" " " " " " "	2.355
	" " " " " " "	2.54
	" " " " " " "	2.62
	" " " " " " "	2.71
	" " " " " " "	2.8
	" " " " " " "	2.9
	SMN, Oldies Music	3.21/3.40
	SMN, Country Western	3.58/3.75
	P.O.P. Point of Purchase, In Store Service	4.15
	In Touch Radio	4.48
	Christian Broadcasting Network, Religious	4.65/5.00
	Salem Radio Network	4.65/5.01
TR-17(18)	In Store Network, Background Music	3.06/3.24/3.6/3.78/3.96/4.15 5.04/5.4/5.75/5.95/6.12/6.3 6.48/6.61/7.02/7.2/7.38/7.75 7.92/8.1/8.28/8.46

(Also goes beyond 5.0 MHz, See Subcarrier Section of Guide)

ANIK E-1 (C-Band)

111.1°W

TR-T6(N)	AOR Automation Music	1.030
	Broadcast News Services	2.450
	Toronto Blue Jays Radio Network	2.540
	CTV Radio Network	2.720
	In Store Network, (Big-13)	3.165
	" " " (Perry Stores)	3.250
	Standard Broadcast News Service	3.520
TR-T9(N)	CKUA-FM Edmonton, Classical Music	5.76/5.95

FOR SCPC-100 OWNERS

The frequencies listed are commercial 2nd IF frequencies and relate only to a commercial SCPC Receiver (SCPC 300-C). These do not relate in any way to the SCPC 100 unit. With the SCPC-100 unit, these frequencies do show the relative positions of the channels and the name and type of programming that is carried on these channels.

FOR SCPC 300-C OWNERS

These are 2nd IF commercial frequencies as outlined by transponder number which your receiver reads out directly.

SATELLITE RADIO GUIDE

SECTION C

C-5

SCPC (SINGLE CHANNEL PER CARRIER) CHANNELS ON THE SATELLITES

SCPC AUDIO SERVICE ON SATCOM C-5/F-5 139° MHz

TR-3	Business Radio Network, Laura Lee Roberts	54.90
	Business Radio Network, Illinois Farm Bureau (Learfield)	55.20
	RFD Service, Broncos Radio, Rockies Radio	55.40
	Larry King, Pat Buchannon, B. Williams, Talk, CNN Headline News	55.60
	Kansas State Sports, ABC News Network, Sports	57.60
	Missouri News Net, Talk, Music, ABC News Net 3, Central	59.40
	ABC Radio News, Missouri Net, Sports, Razorbacks	59.60
	Occasional Audio, Arkansas Razorbacks Network	59.80
	Occasional Audio, Learfield Comm., St. Louis Blues	60.00
	Illinois Network, Brownfield Network	60.20
	Kansas Information Network, Wildcats	63.40
	Music Service, Univ. of Nebraska Football	63.60
	MissouriNet, <u>Cardinals</u> NHL, KMOX-AM, Brownfield Net.	63.80
	ABC News	63.80
	WIBW-FM, Topeka, Ks., Country & Western Music, Royals Baseball, Kansas Agri. Net., Chiefs Football	64.30
	N.C. News Net/WPTF-AM, Talk, N.C. Sports FCN/SFN Radio	72.70
	Redskins	72.90
	Rush Limbaugh 12:00/3:00, St. Louis Blues	73.10
	Kansas City Chiefs Radio Network, K. C. University	73.80
	Iowa Radio Network, Iowa State Hawkeyes Football	75.40
	N.C. News Net, News, Duke Univ. Sports, Capital Sports	75.60
	Redskins	75.80
	N.C. News Net, WEEB-AM, Talk Radio, Atlanta Braves, Bullets	76.00
	Capital Sports Network, Hornets Radio, Wake Forest	76.20
	University Sports	76.40
	Illinois News Net. (Learfield), News, U. of Ill. Sports	76.60
	Automation Music Network, Brownfield Network	76.80
	ABC Radio News, Football, Sports O/A, Music Service	77.10
	Capital Sports Network, University of NC Sports	77.40
	Adult Contemporary Service, Easy Listening	77.70
	MissouriNet, News, Univ. of Missouri Sports	81.30
	North Carolina News Net	81.50
	Virginia News Network, Univ. of Virginia Sports. CBS News	
	Occ. Audio	
	Auto Racing-Winston Cup	

SCPC AUDIO SERVICE ON SATCOM C-5/F-5 139° MHz

TR-3	Penna. Radio Network, WIP-AM, State News, Penna. Sports, Eagles Football, Ent. Network Rpts. Philadelphia Phillies	81.30/81.50
	Occ. Audio	81.70
	Weekly Racing Report, Las Vegas-Super Book	85.10
	Iowa Radio Net, News, Iowa State Sports, Howard Stern (Occ.)	85.40

NOTE: New York Mets (MLB) has appeared at various spots on C-5(F-5) TR-3

NOTE: Transponders 4, 9, 11, 16 are Alaska Beamed.
Could be difficult to receive in Eastern part of the U.S.A.

TR-4	AFRN-FM, Alaska Military Forces Net	52.10/70.60
	KBRW-AM, Barrow, AK., Alaska Public Radio	76.95
	KOTZ-AM, Kotzebue, AK., Alaska Public Radio	76.98

TR-9	AFRTS 1, Armed Forces Radio & TV, Music, Sports	59.00
	AFRTS 2, Armed Forces Radio & TV, Sports, Music	59.30

TR-10	Broadcast International, Alaska Beam	53.80/55.16/56.52/57.45
	WJSO-FM Pikeville, KY, Religious Moody Radio	59.20

TR-16	AFRN-AM Elmendorf AFB, ARK, Contemporary Music	56.60
	Unistar Radio, 50's, 60's, 70's	56.40/58.00
	CNN Radio Network, All News Feeds	58.20
	Business Radio Network	64.80
	Unistar/Popular Favorites	65.60/66.00
	American Forum Radio, Talk, AF Sports	66.50
	KDLG-AM Dillingham, AK, NPR Affiliate, Country/Rock	77.65

TR-21	Unistar Radio	52.60/53.00
	CNN Radio	53.40
	Major League Baseball, Los Angeles Dodgers, KABC	55.00
	Unistar Services, Hits, 60's, 70's, 80's	56.40/56.80
	CNN Radio News, Headline News/Sports	56.60
	Unistar Oldies, Music Services	57.60/58.00
	Unistar Music Service, Hit Tunes	57.20/57.40

SCPC AUDIO SERVICE ON SATCOM C-5/F-5 139° MHz

TR-21	Data and Occ. Audio Services	57.80
	CNN Radio News, Headline News/Sports	58.20
	Occasional Audio	64.00
	Unistar-Format 41, Popular Music	65.60/66.00
	New York Yankees, Unistar Western-Country	66.80/67.60

SCPC AUDIO SERVICE ON HUGHES SBS 5 (Ku) 123°W

(Ku-Band)

TR-2	Wal-Mart Audio Network, Background Music	11752.20/11754.20
		11763.00/11763.40/11763.80
TR-8	KFSG-FM, L.A. Religious	12055.30
	KHTX, Country-Western Music	12056.50
	KSKQ-FM, Long Beach, Hispanic	12056.90
	KXEZ-FM, Los Angeles	12057.70
	KKLA-FM, Los Angles, Religious	12058.50
	KJLH-FM, Cont.	12061.30

SCPC AUDIO SERVICE ON SOLIDARIDAD 1 1-9/2°W

TR-2N(3)	Radiodiffusion Via Satellite	59.60
	Radio UNO	61.10/61.70
	Instituto Mecicano De La Radio	66.50/66.75
	Stereo Rey, Back-up Channel	67.50
	Stereo Rey, CH-1	67.78
	Stereo Rey, CH-2	68.10
	XEJP-FM, Mexico City	68.30/68.55
	El Heraldo De Comercio, CH-1	69.05
	XEJP-FM, Mexico City Radio Centro	71.38
	ORG Impulsora De Radio	71.65
	XEOY-AM, Mexico City	72.15
	El Heraldo De Comercio	72.50
	Radio Central De Mexico	73.00
	Radio Sinfonia	77.50
	Radio Impusora Herdez	81.00
	Infojal	87.70

SCPC AUDIO SERVICE ON TELESAT ANIK E1 111.1°W E-1

TR-5B(10) Occasional Audio Newsfeeds - French	52.90
Occasional Audio Newsfeeds - English	55.60/56.20/57.00/58.20
Native Language Radio	56.40/56.60/56.80/58.20
Radio Canada International	57.20/57.30/57.40/57.50

SCPC AUDIO SERVICE ON TELESAT ANIK E1 111.1°W E-1

CBC Radio Network (4 English Feeds)
CBC Radio Network (2 Native Lang.)
Sports Feeds
CBC Radio Network (2 French Feeds)
BBC World Service
Toronto Blue Jays (To Be Assigned)

* PLEASE NOTE: ANIK E2 (107.3°W) is no longer in service due to satellite failure. Most of these SCPC channels will be found on ANIK E1 (A-2) at 111.1°W.

SCPC AUDIO SERVICE ON TELESAT ANIK E2 107.3° E-2

(NOW OUT OF SERVICE DUE TO SATELLITE FAILURE)

The SCPC services that were carried on the failed ANIK E-2 (A-1) Satellite are now carried on the remaining Canadian Satellite ANIK E-1 (A-2) located at 111.1° West.

We are working on the frequencies that these services are using. Go to ANIK E-1 (A-2) and monitor the SCPC traffic on the remaining Canadian Satellite. At this time, we understand that some of these SCPC services could be reassigned to other satellites in the domestic belt. The Canadian Satellite services are attempting to place the failed satellite back in service. If this attempt is successful, the procedure will take at least six months to complete. If any of our friends in Canada or elsewhere have any late news, please contact us at 1-800-241-8171 or by FAX at 614-866-1201.

SCPC AUDIO SERVICE ON GSTAR 4 (Ku) 105°W

TR-2 Automation Music, Classic Rock Music 11776.30/11776.60

SCPC AUDIO SERVICE ON SPACENET 4 (Ku) 101°W

TR-20(H) Super Gospel Country Network 11848.00

TR-23 WGH-FM, Country and Western 12027.30

SCPC AUDIO SERVICE ON GALAXY 4 99°W G-4

TR-1 Family Radio Network-East, Religious 52.45/52.65
Voice of Free China 53.20
Family Radio Network, Religious 54.10/54.30
Radio La Fiesta Mexicana, Hispanic Adult
Contemporary Music 54.70
Sino Communications Group, Chinese, (Cantonese) 56.20
Chinese Music Broadcasting, (Madarin) 56.60
Spanish Music, Radio Christina, News, WWRV-AM 61.70
Major Talk Network, Barry Farber, Talk Shows,
Dr. Joy Browne, WLEE, ABC News 62.20
KCBI-FM, Dallas, CRN, Religious Music 66.00/66.40
NPR, News, Talk, Sports 71.90
Occasional Audio, Secondary NPR 72.30
Data 80.50
Country Music, Talk 81.60
Classical Music, Star Radio Country 82.00/82.30
La Radio Christiana, Hispanic Christian Music 82.60/82.90

Programming Listed Below Carried on Various Channels, TR-1

WSKQ-FM New York City (Spanish)
WSKQ-FM New York City (Spanish)
KUBR, San Juan, TX, Christian Programming (Spanish)
Multimedia/Supergold Network
Family Radio-West

TR-2 Oklahoma News Network, Country Music 62.00/62.30
Tulsa Football Network, Occ. Spanish 62.80
Progressive Farmers Network 66.20

TR-2	Occasional Audio	74.80
	Occasional Sports	75.00
	Ethnic Programming	76.20
	W. Virginia Metro News Network, <u>ABC News</u>	77.40/77.80
	W. Virginia Metro News Network, Univ. of W. Va. Sports, <u>CBS News</u>	78.00
	Virginia Tech Sports Network	78.20
	Occasional Audio	80.00
	U. of P., Red Raiders, Sports	81.00
	Progressive Farmers Network, Oklahoma Sports	81.20
	Iowa State Sports, Saints Football, Basketball, Iowa	81.80
	Oklahoma News Network, Sports, Cowboy Network, <u>ABC News</u>	82.00
	Cleveland Browns Radio Network, Ohio Network, Ohio State	82.40
	Cleveland Indians Radio Network, Ohio Network, Cavaliers	82.60
	Oklahoma News Network/Oklahoma State Sports, New Orleans Saints	81.00/82.80
	Louisiana Network/WWL-AM 870 New Orleans, News, Talk Radio, Saints Flagship, LSU Sports, ESPN Sports	85.60
TR-3	WFMT Fine Arts Network/Beethoven Network	54/70/57.60
	Georgia Southern Net, Sports, <u>Rush Limbaugh</u> , USA News	55.00
	KOA, BBC, MLB, Sports, USA News, Talk	55.20
	WNTL-AM Indian Head, MD, Multilingual & Intern.	56.20
	International Broadcasting Network, Lutheran Programming - Christian	56.50
	Music Metropolitan Opera, Minnesota Public Radio	56.80
	Minnesota Public Radio, Met. Opera	57.00/82.30
	Ambassador Radio, WMHK Columbia, <u>UPI News</u>	57.30
	Classical Music	57.60
	KNOW-FM Minn-St. Paul, Nat. Pub. Radio Affiliate	57.90
	BBC World Service	58.20
	Ethnic Chinese, Spanish	58.40
	Texas Tech University Sports Network	61.00
	Talk, Dallas Cowboys, KLRD	61.30
	Virginia Talk Radio Network	61.50
	National Public Radio, KLRO-AM, Dallas Mavericks, <u>CBS News</u>	61.70
	Saints Network	61.85
	So. Carolina Network/S.C. State Sports	62.00
	Houston Rockets Radio Network/KTRH-AM, Sports, <u>CBS News</u>	62.20
	Radio Talking Book Network-Minn. Reading for Sight Impaired, Browns Network	62.50
	Multimedia Network, S.C. State Network, Furman Univ. Sports, Clemson Univ., Talk Shows	62.70

TR-3	Oklahoma Sooners	62.80
	KPRC-AM Houston, News, Talk, <u>Mutual</u> , Astros Flagship, Univ. of Houston Sports, <u>G. G. Liddy</u> , <u>Bruce Williams</u>	62.90
	Spanish Information Service, Texas St. Lang. News	63.10
	Tennessee Radio Network, <u>ABC News</u>	63.30
	Georgia Network News/Georgia Tech Sports	63.60
	Southern News Network, CNN Radio, WCNN, Atlanta	63.80
	University of Louisville Sports, WHAS	64.00
	American Public Radio/Monitor Radio	64.50
	Florida Public Radio Network	64.90
	Kentucky Radio Network (Alt.), <u>ABC News</u>	65.30
	National Public Radio/Occasional Audio	65.60
	American Public Radio/Occ. Audio, Master Clock	66.00/67.40
	American Public Radio/Monitor Radio Net.	66.00
	WIOD Miami, Talk	66.20
	Kentucky Radio Network (Primary), Sports, Host Comm.	66.40
	Florida's Radio Net., Car Clinic	66.70
	Texas State News Network	66.90
	South Carolina Network/Univ. of S.C. Sports	67.10
	American Public Radio/Marketplace	67.40
	Nat. Public Radio, Jazz, Blues, Swing	67.70/68.30
	Cadena Radio Centro, Hispanic Radio	68.00
	Occasional Audio, Music Format	68.30
	Cadena Radio Centro, Spanish Programming	68.60
	Midwest Radio Networks, Health News Feeds	68.90
	Occasional Audio	70.80
	KSJV, Fresno, CA, Spanish Ethnic	71.60/73.80
	Florida Public Radio	71.90
	Occasional Audio, Music	72.20
	National Public Radio, American Stock Exchange	72.50
	National Public Radio, Performing & Cultural Arts, U.S. Naval Master Clock	72.80/74.20
	Multimedia Broadcasting (Secondary Channel)	73.10
	Spanish Information Network, Hispanic Music	73.80
	National Public Radio, Classical Music	74.30
	U.S. Naval Observatory Master Clock, National Public Radio, Classical Music	74.60
	Houston Cougars Football, Reading Service	75.00
	National Public Radio News Network	75.30
	Occasional Audio, NCAA Sports	75.70
	Minnesota News Network, Chan 1, Timberwolves, Minn. Twins	76.30
	Texas State News Net, Texas, Talk, News	76.60
	<u>Rush Limbaugh</u> Aff. Feed (12:00-3:00 EST), News Feeds	76.80

TR-3	Texas State News Network, Dallas Cowboys Net, Texas A&M Sports, Mutual Radio	76.90
	Minnesota News Network, Chan 2, Minn. Vikings Radio, Minnesota Twins	77.10
	Soldiers Sat. Net., U.S. Armed Forces Variety Ent.	77.40
	Motor Racing Network, Occ. Audio, NPR	77.70
	WHO-Radio, ABC, Talk, Bruce Williams, News	78.20
	WHAS, Louisville, <u>Rush Limbaugh, Paul Harvey,</u> Un. of Louisville, Sports	81.40
	WCCO, Minnesota Twins, Sports Feeds	81.60
	WBAP, FM-Dallas, Talk, News	81.80
	University of Houston Sports	82.00
	Minnesota Public Radio, Classical Music, News	82.30
	Occasional Audio, Data Trans.	82.60
	In Touch, Newspaper/Book Reading Service for Sight Impaired	82.90
	Alabama Radio Net., Univ. of Alabama Sports	83.20
	WHO-AM, News and Talk Radio, <u>B. Williams, ABC Talk</u> <u>Dr. Dean Edell</u>	83.50
	Alabama Network, Auburn University Sports	83.80
	Kansas Audio Reader Net, Newspaper/Book Reading for Sight Impaired	84.00
	<u>ABC News</u> , Univ. of Kentucky Sports, <u>Paul Harvey</u>	84.20
	Kentucky Radio Network, NCAA Sports, Music, Univ. of Tenn. Sports, NPR, WFAE	84.40
	Baylor University Sports. Univ. of Louisville Football Learfield Network, APRN Network	84.70
TR-4	Sports, MLB, <u>ABC News, Paul Harvey</u>	52.50
	Mid America Agriculture Network, <u>Mutual News, Paul Harvey</u>	52.90
	Louisiana Net., WWL-AM, Talk, Saints, NCAA Sports LSU Sports, Tulane Univ., <u>Rush Limbaugh</u>	54.00
	News Feeds	54.20
	Louisiana Network, Louisiana Tech Sports	54.40
	Ole Miss Sports, Occasional Audio	54.70
	Southern Mississippi Sports, Miss. State Bulldogs	54.90
	Mississippi Network, Bulldogs	55.20
	Sports, Talk	56.50
	Data Transmissions	57.40
	Arkansas Radio Network, Razor Backs, <u>ABC News, Paul Harvey</u>	61.40
	Data Transmissions	61.90
	Bible Broadcasting Network, Religious	62.20/62.50
	Multicomm/Westar, Utah Jazz Radio and NBA Radio Net. (Secondary), Occ. Audio, Network Data	63.70

SCPC AUDIO SERVICE ON GALAXY 4

99°W

G-4

TR-4	Data Transmissions, Paging Data, Pocsag, Golay	64.00
	Multicomm/Weststar, N.Y. Met Opera, (left), Utah Jazz Radio Net. (Primary), NBA Radio Net., Radio Sports	64.40
	Multicomm/Weststar, N.Y. Met. Opera, (right), Occasional Audio, NCAA Sports, KISN Sports Radio	76.00
TR-6	WCRP-FM, Guayama, PR, Religious/Educational	53.10

SCPC AUDIO SERVICE ON GALAXY 4 (Ku-Band)

99°W

G-4

TR-1	Russian American Radio	11707.00/11707.50
	KILA-FM, Las Vegas, Christian Music	11708.20/11708.44
	Sat. Music Network, Country Music	11709.10/11709.30

SCPC AUDIO SERVICE ON GTE SPACENET 3

87°W

SN-3

TR-1(1)	Associated Press 1	62.90
	Associated Press 2	65.00
	Associated Press 3, Newsweek on Air (Week-ends)	66.60
TR-7(13)	VCY America 1, Religious	52.10/55.74
	VCY America 2, Religious	52.37/52.55
	Good News Radio Network, Religious	52.82/53.00
	Satellite Music Network/Starstation, Adult Contemporary	53.45/53.72
	Satellite Music Network/Country Coast-to-Coast, Modern Country	53.90/54.17
	Satellite Music Network/Stardust, Traditional Music Format	54.35/54.62
	The Touch, Urban Contemporary	57.02/57.20
	Satellite Music Network/Z Rock	57.38/57.56
	Satellite Music Network/Pure Gold Golden Oldies Format	57.74/57.92
	Satellite Music Network/The Heat Contemporary/Modern Rock	58.10/58.28
	Satellite Music Network/Classic Rock	58.55/58.73

The following channels were logged on SN-3, Trans. 13

WPTH 88.1 FM, Olney, IL
Clayton, MO KFUO 850 AM, Religious
NASA Space Shuttle

SCPC AUDIO SERVICE ON SPACENET 3 West Beam (Ku-Band 87°W SN-3

TR-21	WFOG-FM, Suffolk, Va., Adult Music	11863.10
	WJQI-FM, Virginia Beach, Adult Music	11865.00
	WLTU-FM, Norfolk, Oldies, Music	11865.50
	WGH-FM, Newport News, Country	11867.00
	WNOR-FM, Norfolk, Class. Rock	11868.60

SCPC AUDIO SERVICE ON HUGHES GALAXY 6 74°W G-6
(OLD G-2 SATELLITE)

NEW NEWS ON GALAXY 2, 74°W

On or about May 15, Galaxy 6 was moved into the old Galaxy 2 position of 74°W. The move was transparent and at this time no changes were made as to service locations and frequencies used.

We have made signal strength measurements and have noted a decided increase in the strength, plus an improvement in overall reception quality.

After speaking to several individuals who work with G-6 (old G-2), we are looking forward to increased usage of the new Galaxy 6 by more networks who will be using SCPC transmission mode. Be on the lookout for many new services to appear on Galaxy 6. Several of the TVRO Guides are going to continue to call the new Galaxy 6, Galaxy 2. Some will carry as G-6 (G-2). Sooner or later, Galaxy 6 will be carried by all guides as G-6.

Note: Start looking at Transponder 12 on G-6 for possible SCPC channels.

TR-3	KIRO-AM, Seattle, Talk, News Radio CBS News, Mariners, Seahawk Flagship, Sports Final	54.40
	KQED, San Francisco, CA, Oldies Music, A's Flagship, Sports Byline USA	54.60
	Sports, Jazz, Sport Shows	54.80
	Radio USA, Talk, <u>Tom Donahue</u> , Sports, Cardinals Football, <u>Jack Anderson</u> , <u>Jerry Brown</u> , Sports Fans	
	Radio Network, M-F, 9PM-9AM	55.40

SCPC AUDIO SERVICE ON HUGHES GALAXY 6 74°W G-6
(OLD G-2 SATELLITE)

TR-3	WLW-AM, Cincinnati, Cincinnati Reds, Bengals Saints Football Sports Radio, WHAY, Sports, Bullets Wisconsin Sports Net, WTMJ, Green Bay Packers (Alternate) CBS News Sports, Talk, Occ. Motor Racing Network, Morning Talk Shows Tribune Net., Broncos, KTAR-AM, Phoenix Suns Radio Nuggets 2nd Channel Illinois News Network, Un. of Ill. Chicago Blackhawks WGR-AM, Buffalo Bills, Bisons, Sabres, Talk Radio, INN News KOA-AM, Denver, CO, News, Talk, Broncos, Rockies MLB Nuggets Flagship, Rush Limbaugh 2:00-5:00 PM EST KFPK, Sacramento, Talk WGR-AM, Buffalo, NY, News, Talk Radio, Sabers Bills, Bisons Flagship Baltimore Orioles, WBAL-AM Occasional Audio, Sports, Celtics Sports, Tigers Network, WJR Detroit, Redwings Ray Communications, ESPN Radio, Sports Florida Radio Net.-Marlins, WQAM-AM Miami, ESPN Radio WGN-AM, Chicago, IL, News, Talk Radio, Cubs & Bears Flagship Michigan State Sports, WJR-AM Detroit Florida's Radio Network, Occ. Audio, Tampa Bay Bucs Radio, FSU Seminoles, WFAE, Charlotte, NC Florida's Radio Network, Miami Heat, Dolphins, Hurricanes Radio, Florida Talk, Laura L. Roberts, WIOD-AM Miami, American Forum, Bill Morgan Show American Sports Net, Sports Talk Show, CBS Radio CH-40 WTMJ-AM, Milwaukee News, Talk Radio, Brewers, Bucks Flagship, <u>Bruce Williams</u> , Green Bay Packers (Prim.) Sunstar Radio, Sports By-Line, Sports Talk, Atlanta Braves Sun Radio Network, <u>Tom Valentine</u> , USA Radio News WSB-AM Atlanta GA, News, Talk Radio, Bulldogs Falcons, Univ. of Georgia Sports White Sox, Univ. of Maryland Sports. Sports Talk Florida's Radio Net., Main News Channel, Miami Heat Dolphins, Talk, Hurricanes, WIOD Miami Florida Radio Network, Orlando Magic Radio Tribune Radio Network/Chicago Bears Radio Network, WGN	55.60 55.90 56.20 56.60 56.80 57.00 57.20 57.40 58.00 58.30 58.60 59.20 59.40 60.80/61.20 61.00 61.20 61.70 62.00 62.20 62.40 62.60 62.80 65.10 65.30 65.50 66.00 66.20 66.40 66.60
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SCPC AUDIO SERVICE ON HUGHES GALAXY 6 74°W G-6
(OLD G-2 SATELLITE)

TR-3	Wisconsin News Net, IDB Lease, Pack Wrap, Blackhawks	66.80
	Philadelphia Phillies Radio Network, Agrinet/Ray Comm.	
	Agri-News., American Sports, Sports Book, WOGL	67.00
	WGN-AM Chicago, IL, News, Talk Radio, Cubs & Bears Flagship	
	Interstate Radio Net., American Stock Exchange	
	Truckers Radio, WSM-AM	67.30
	Talk Shows, Sports, Braves	67.70
	Talk Shows, Country Music	68.00
	CA Angels Radio Network-Spanish/XPRS-AM, Tijuana,	
	Variety & Enter.	68.40
	WIOD Miami, KIRO (Secondary)	68.60
	Mutual Radio, Talk Radio, Sports, Dolphins, IMSA Auto Racing	
	Fla. Radio Network (IMSA also on G-4, TR-3, C-5 analog)	68.80
	Sports, Sports Shows	69.10
	Sports, L. A. Dodgers/English	69.40
	Sports, L. A. Dodgers/Spanish	69.60
	American Entertainment Network, <u>Michael Reagan</u> , Talk	
	Phone: 800-345-3113	69.80
	Sports Talk, Steelers	70.00
	Data Link	70.30
	<u>Michael Reagan</u> , Sports Scores, WINS Network	70.80
	Florida's Radio Networks, WINZ, Talk & Ent., CBS News	
	A&M Rattlers, WJNO-AM, West Palm, <u>Pete Rose Show</u>	71.10
	Occasional Audio	71.30
	Sports, MLB, WLW-A, Bengals	71.50
	Sports, MLB, WMAQ Chicago	71.80
	Sports, MLB, Talk Radio, Sports	72.00
	KWKW-AM L.A., La Mexicana, Dodgers (Spanish)	72.50
	Purdue University Sports, WAZY-FM, Lafayettee, IN	
	Telemedia Sports	72.70
	Univ. of Mich. Sports, WJR, Det. Redwings, Hockey, Jets	72.90
	Sunstar Radio Network, Gators Sports, Michigan State	
	Sports, Agri-Net	73.10
	Michigan News Network, Detroit Lions, Michigan	
	State Univ. Sports, Central Mich. Univ. Sports	
	Detroit Pistons, Great Lakes Media Feeds	73.30
	WJR-AM Detroit, News Talk Radio, Tigers, Univ. Michigan	
	Sports, Detroit Redwings	73.50
	PIA Radio Network, DePaul Basketball, Chicago	
	Bulls, College Football, Northwestern Review	73.80
	Sports, ML Baseball, Royals	74.00
	WMAQ-AM Chicago, IL, News, Talk Radio,	
	White Sox, PIA Radio, Bulls	74.20

SCPC AUDIO SERVICE ON HUGHES GALAXY 6 74°W G-6
(OLD G-2 SATELLITE)

TR-3	American Forum, Talk Radio, Air Force Academy Sports	74.50
	PRN, UPI News, L.A. Dodgers	74.70
	Peoples Radio Network-Talk, Informational, <u>UPI News</u>	74.90
	National Baseball, Padres, KFMB-AM San Diego	75.20
	Occasional Audio, Sports, NHL, KRWB, Rouseau, MI	75.40
	Rams Network, Secondary, Devils	75.60
	KMPC-AM Los Angeles, Show Tunes, Pop & Easy Listening, 710 Talk, Angels, Rams, L.A. Clippers, UCLA Sports, ESPN	75.80
	Indiana Network/Indianapolis Colts Radio, Music	76.00
	USA Radio Network-Sonny Bloch, Music, Agri-America	76.00
	Seattle Sonics Radio Net./KJR-AM, Sports, Talk Radio	76.20
	KFRC-AM, San Francisco, CA., Miami Dolphins (Spanish)	76.40
	Oakland A's Radio Network, KNEW, Oakland, CA	76.60
	KDKA-AM Pitts., PA, News, Talk Radio, <u>Pirates</u>	76.80
	<u>Rush Limbaugh</u> (12:00 to 3:00 EST)	76.80
	KIRO Seattle, WLW, Prog. Varies, Bengals	77.00
	Independent Broadcasters Net, Talk Radio, <u>Sonny Bloch</u>	77.20
	L.A. Clippers Network/KLAC-AM Los Angeles, Country & Western, NHL, Lakers, Kings	82.10
	KUSC-FM Los Angeles, CA, APR Affiliate, Classical Music	82.40/83.00
	California Angels, Sports, Var. Prog.	82.70
	Spanish Programming	83.30
	Agrinet/Ray Comm., USA Radio Network, Atlantic Sports	84.60
	Sports Final Network, Race Report, KFBK, SAC-Kings	85.10
	Calwest News Network, News Services	85.70
	Northwest News Network/Univ. of Oregon Sports, Trailblazers	85.90

Programming Carried on G-6 on Occasional Basis

WGEM Washington Redskins Radio Network
 WYNF-FM, Tampa, FL
 American Farm Radio Network
 Talk "Lifeline America"
 KLAC 570 Los Angeles, CA,
 Oregon Direct Radio Network
 UPI Radio Network
 WOGL-FM 98.1 Philadelphia, PA
 XEPRS-AM 1090 Tijuana, Mexico
 KISW-FM 99.9 Seattle, WA
 KPRC-AM 950 Houston, TX
 Montreal Expos Radio Network (English)

SCPC AUDIO SERVICE ON HUGHES GALAXY 6 74°W G-6
(OLD G-2 SATELLITE)

One of our subscribers has reported the following:

TR-3 Minnesota Public Radio Channel 9 Audio 67.40/66.00

SCPC AUDIO SERVICE ON SATCOM F2R 72°W F2R

TR-9 NASA Select Radio 81.25

TR-14 Radio Marti, VOA/USIA Service to Cuba 77.70

SATELLITE RADIO GUIDE

SECTION D

FACSIMILE LOCATIONS ON THE SATELLITES

UNITED PRESS INTERNATIONAL (Press Facsimile)

The well-known press service UPI transmits FAX press photos on the Ku band satellite SATCOM K-2 at 81° West.

SATCOM K-2 Transponder 22 Frequency (FM²) 4.027 MHz

subcarrier FAX set-up as follows:

AM (amplitude modulation)

IOC 440, Speed 120 LPM

REUTERS NEWS SERVICES

Press facsimile on Ku band satellite on Canadian TELSAT ANIK E-2 at 107.3°E Transponder T-8 transmitted on FM².

ANIK E-2 is a combination C band and Ku band satellite with 27 MHz transponder on Ku band. The "T" transponders are T-1 to T-16 vertical polarization, with a Canadian beam which could produce weak signals in the southern part of the United States, but good copy in northern U.S.A. and Canada.

The FAX mode set-up on the FAX unit would be, speed 120 LPM with IOC of 440.

WEATHER FAX PHOTOS

Outstanding high-quality FAX photos of the earth and entire United States are broadcast from C band SPACENET 3 satellite, Transponder 17 on subcarriers at approximately 1.568 MHz for METEOSAT 4; at 1.886 MHz for GOES-TAP-WEST, and at 1.926 MHz for GOES-TAP-EAST.

GOES-WEST provides satellite earth photos of the western section of the United States and beyond into the Pacific Ocean. GOES-EAST covers the eastern two-thirds of the United States, plus the Atlantic Ocean. These earth satellite photos are truly high quality in resolution and are only ten to fifteen minutes old. The cloud cover is shown along with other important weather information. These weather photos are real time weather observations.

THANKS TO

JOHN MARX, MADISON, WI.



WRN NETWORK ONE
NORTH AMERICAN SCHEDULE
ASC-1, Channel 23 (SCOLA), 4.160 GHz,
H-Polorization, Audio Subcarrier 6.20 MHz.

BST	MON-FRI	SAT	SUN	ED
0400	YLE Radio Finland	YLE Radio Finland	YLE Radio Finland	2300
0430	Radio Vatican	Radio Vatican	Radio Vatican	2330
0500	Radio Canada International	Radio Canada International	Radio Canada International	2400
0530	BBC Europe Today	BBC Europe Today	Topical Tapes - International Call	0030
0600	Deutsche Welle	Deutsche Welle	Deutsche Welle	0100
0700	Radio Canada Intl (rpt)	Radio Canada Intl (rpt)	Radio Canada Intl (rpt)	0200
0730	Swiss Radio International	Swiss Radio International	Swiss Radio International	0230
0800	Radio Australia	Radio Australia	Radio Australia	0300
0900	Radio Korea	Radio Korea	Radio Korea	0400
1000	Radio Moscow Intl	Topical Tapes - International Call	Topical Tapes	0500
1030	Radio Netherlands	Radio Netherlands	Radio Netherlands	0530
1130	The Voice of Israel	The Voice of Israel	The Voice of Israel	0630
1200	Radio France Intl	Radio France Intl	Radio France Intl	0700
1300	Radio Telefis Eireann	Radio Telefis Eireann	Radio Telefis Eireann	0800
1400	Radio Korea	Radio Korea	Radio Korea	0900
1500	YLE Radio Finland	YLE Radio Finland	YLE Radio Finland	1000
1530	R. Vlaanderen - Brussels Calling	R. Vlaanderen - Brussels Calling	R. Vlaanderen - Brussels Calling	1030
1600	Radio France Intl - from Paris	Radio France Intl - from Paris	Radio France Intl - from Paris	1100
1700	Blue Danube Radio	Blue Danube Radio	United Nations Radio	1200
1730	Radio Netherlands until 1255 EST	Radio Netherlands until 1330 EST	Radio Netherlands until 1330 EST	1230
1800	RFI - French Service *	RTE - News at 1330 EST	RTE - News at 1330 EST	1300
1900	Radio Australia	Radio Australia	Radio Australia	1400
2000	The Voice of Israel	The Voice of Israel	The Voice of Israel	1500
2030	R. Vlaanderen - Brussels Calling	R. Vlaanderen - Brussels Calling	R. Vlaanderen - Brussels Calling	1530
2100	Radio Sweden	Radio Sweden	Radio Sweden	1600
2130	BBC Europe Today	Topical Tapes - International Call	BBC Europe Today	1630
2200	RTE - Both Sides Now	Radio Telefis Eireann	Radio Telefis Eireann	1700
2400	BBC Newdesk	BBC Newdesk	BBC Newdesk	1900
0030	RTE- News from Dublin	RTE - News & Sport	RTE - News	1930
0100	Radio Sweden	Radio Sweden	Radio Sweden	2000
0130	The Voice of Israel	The Voice of Israel	The Voice of Israel	2030
0200	YLE Radio Finland	YLE Radio Finland	YLE Radio Finland	2100
0230	Radio Netherlands	Radio Netherlands	Radio Netherlands	2130
0330	Blue Danube Radio	Blue Danube Radio	United Nations Radio	2230

* Transmission in French

Please note schedule valid until September 24th, 1994.

Subject to change

MAJOR LEAGUE BASEBALL ON SCPC

AMERICAN LEAGUE (EAST)

Baltimore Orioles	G-6 TR-3 (59.20)
Boston Red Sox	G-4 TR-2, G-6 TR-3
Detroit Tigers	G-6 TR-3 (60.80/61.20) (73.50)
New York Yankees	G-6 TR-3, F-5 TR-21
Toronto Blue Jays	G-6 TR-3, A-2 TR-11
Cleveland Indians	G-4 TR-2, G-6 TR-3

AMERICAN LEAGUE (CENTRAL)

Chicago White Sox	G-6 TR-3 (66.00) (74.20), G-4 TR-2
Kansas City Royals	G-6, TR-3 (74.00), G-4 TR-2, F-5 TR-3
Milwaukee Brewers	G-6 TR-3 (62.80)
Minnesota Twins	G-4 TR-4 (76.30) (77.10) (81.60)

AMERICAN LEAGUE (WEST)

California Angels	G-6 TR-3 (68.40) (82.70)
Oakland Athletics	G-6 TR-3 (76.60) (54.60)
Seattle Mariners	G-6 TR-3 (54.40)
Texas Rangers	G-4 TR-3

NATIONAL LEAGUE (EAST)

Atlanta Braves	G-6 TR-3 (67.70), G-4 TR-3
Florida Marlins	G-6 TR-3 (61.70)
Montreal Expos	G-6 TR-3
New York Mets	G-6 TR-3, F-5 TR-3
Philadelphia Phillies	G-6 TR-3 (67.00)

NATIONAL LEAGUE (CENTRAL)

Chicago Cubs	G-6 TR-3 (67.30)
Cincinnati Reds	G-6 TR-3 (55.60)
Houston Astros	G-6 TR-3 (62.90), G-4 TR-3, F-5 TR-3
Pittsburgh Pirates	G-6 TR-3 (76.80)
St. Louis Cardinals	G-6 TR-3, F-5 TR-3

NATIONAL LEAGUE (WEST)

Colorado Rockies	G-6 TR-3
Los Angeles Dodgers	G-6 TR-3 (69.40 English) (69.60 Spanish) (74.70) (75.20), F-5 TR-21
San Diego Padres	G-6 TR-3 (75.20)
San Francisco Giants	G-6 TR-3

NOTE: G-6 is in same location as old G-2, 74°W.

FULL-TIME NETWORK TALK SHOWS CARRIED ON SCPC, TIMES E.S.T.

AMERICAN ENTERTAINMENT NETWORK

G-6 TR-3

Michael Reagan 9 PM - Midnight
Raoul Lowery Contreras Midnight - 2 AM

AMERICAN FORUM (BRN)

G-6 and C-5

Floyd Brown 9 AM - Noon
Tina Trenner Noon - 2 PM
Fred Wallin & K Salkin 2 PM - 5 PM
Al Malmberg 5 PM - 9 PM

EFM MEDIA

G-4 TR-3, G-4 TR 4

G-6 TR-3, G-5 TR 3

SN-2, TR-20

Rush Limbaugh Noon - 3 PM
Dr. Dean Edell 4 PM - 5 PM

IBN

C-1 (F-1), G-2 TR-3

Doug Stephan 5 AM - 9 AM
Ray Carrow 9 AM - 11 AM
Mary Beal/Doug Stephan 11 AM - 1 PM
Greg & Fran 1 PM - 3 PM
Sally Bowers 3 PM - 5 PM
Sonny Block 5 PM - 9 PM
Dick Summer 10 PM - Midnight
Stan Major Midnight - 5 PM

INFINITY NETWORK

C-5, TR-3

Howard Stern Occasional

MAJOR TALKNET

G-4 TR-1

Lee Maribal 10 AM - Noon
Alan Colmes 3 PM - 5 PM
Barry Farber 5 PM - 7 PM
Leslie Marshall 10 PM - 1 AM
Morton, Downey, Jr. 5 PM - 8 PM

WOR NETWORK

G-4 TR-1

Dr. Joy Browne 9 AM - 1 PM

PEOPLES RADIO NETWORK

G-6 TR-3

Mike Ezzell & David Hand 6 AM - 10 AM
Bruce Amsterdam 10 AM - 11 AM
Paul Gonzales 11 AM - 2 PM
Chuck Harder 2 PM - 6 PM
Jack Ellery 7 PM - 9 PM
Jerry Hughes 9 PM - 11 PM
Chuck Harder 11 PM - 2 AM

SUN RADIO NETWORK

G-6 TR-3

Ed Berliner 2 PM - 3 PM
Charles Adler 3 PM - 7 PM
Stan Anderson 7 PM - 9 PM
Tom Valentine 9 PM - Midnight

TALK AMERICA

G-6 TR-3

Todd & Rosalie 6 AM - 9 AM
Dr. DeSilva 9 AM - 10 AM
Tom Donahue 10 AM - Noon
Jack Anderson Noon - 1 PM
Judy Jarvis 1 PM - 3 PM
Stu Taylor 3 PM - 4 PM
Earl Jackson 4 PM - 6 PM
Pat Korten 6 PM - 7 PM
Jerry Brown 7 PM - 9 PM

UNISTAR NETWORK

G-4 TR-3

Don Imus 6 AM - 10 AM
G. Gordon Liddy 10 AM - 2 PM
Don & Mike 3 PM - 7 PM

WESTWOOD ONE

G-4 TR-3

Bruce Williams 7 PM - 10 PM

HOW LONG WILL ANALOG BE AROUND ?

ANALOG TO BE MAINSTAY

With the digital era approaching fast, many dish owners, retailers, small cable operators, and wireless service providers wonder just how much longer they'll be able to hang on to their C-band equipment. Answer: A long time.

It appears that despite all of the hoopla surrounding digital compression, analog transmission is still the mode of choice for many programmers. "It may seem funny to you, but very few new services are going digitally compressed," explains Jerry Farrell, president of Hughes Galaxy Inc. The new services are "depending on the 3-1/2 million backyard dish market to get them going as they try to break into the cable market," he says.

Even as ESPN told the satellite industry in the pre-scrambling days that it would "not sell programming to the backyard market," Farrell comments that some programmers say that "the aggregate dish business is their number one or two customer, if you look at it as an MSO." Moreover, even as programmers referred to the C-band market as a bastard-child interfering with feeds intended for cable distribution, programmers now find it economically viable to provide its TVRO audience with its own C-band analog feed.

The backyard business today more than pays the cost of its own distribution pipeline — which is why Gary McCue, director of satellite services for TCI, explains that Netlink will continue to uplink services in analog "as long as it makes economic sense." Programmers are aware that a good percentage of their cable and wireless operators will not be ready to trash their C-band equipment for a good many years. "We are going to do what makes common sense," says McCue. "We can expect that there will be a number of cable operators that will pick up Encore and other services in the analog format."—KJPH

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