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JUL 27 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

July 27, 2001

BY HAND DELIVERY

Ms. Magalie Salas, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: **IB Docket No. 98-172 /
Redesignation of the 17.7-19.7 GHz Frequency Band
Ex Parte Communication**

Dear Ms. Salas:

Pursuant to Section 1.1206(a)(2) of the Commission's Rules, on behalf of the Fixed Wireless Communications Coalition (FWCC), I am filing the original and one copy of this letter to report an oral *ex parte* communication in the above-referenced proceeding.

Yesterday, Ron Coles of DMC Stratex Networks, Joseph M. Sandri, Jr., of Winstar Communications, Inc. and I, collectively representing the FWCC, met with Edward R. Jacobs, Kal Krauthramer, Paul Locke, John Martin, and Steven D. Selwyn of the International Bureau, and F. Ronald Netro and Jamison S. Prime of the Wireless Telecommunications Bureau. During the meeting we reiterated the views expressed in the FWCC's Petition for Reconsideration in this docket, filed October 10, 2000, and presented the attached diagrams.

In response to a request from some attendees, I also attach a copy of the FWCC's *ex parte* filing of May 4, 2001, on narrowband channeling at 18 GHz frequencies.

Kindly date-stamp and return the extra copy of this letter,

If there are any questions about this filing, please call me at the number above.

Respectfully submitted,


Mitchell Lazarus

Counsel for the Fixed Wireless Communications Coalition

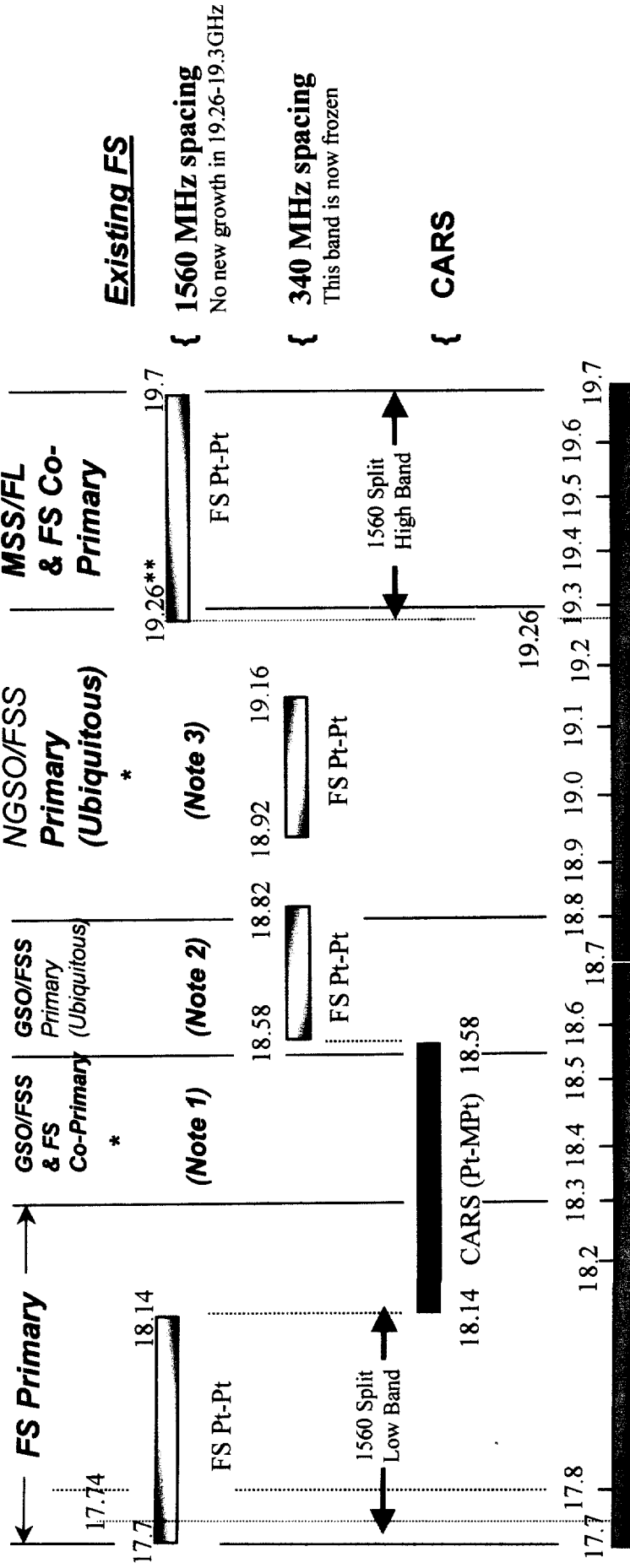
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Enclosure

cc: Meeting Participants

18 GHz FCC R&O FCC 00-212

Note: Existing FS in new non-primary allocations to be grandfathered for 10 years*.



* The CARS allocation 18.14-18.5GHz will continue to be Primary, the new Co-Primary Satellite allocation must protect existing systems

** Incumbent FS in the band 19.26-19.3 will not be subject to the 10 year sunset requirement

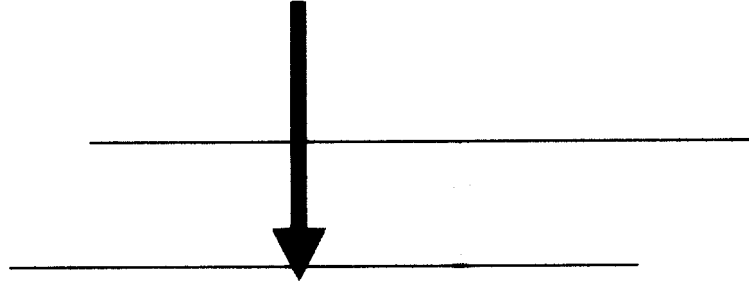
Note 1: GSO/FSS & FS share co-equally, incumbent CARS operations must be protected by new FSS licensees

Note 2: Allocated for Ubiquitous GSO FSS but subject to 10 year sunset provisions for incumbent FS

Note 3: The NGSO/FSS licensees can require relocation before the 10 years but must pay all costs

Enlarged view of NGSO FSS, 40MHz. overlap into FS

19.26 GHz ← → 19.7 GHz



18.8 GHz ← → 19.30 GHz

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MAY - 4 2001

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OFFICE OF THE SECRETARY

May 4, 2001

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Ms. Magalie Salas, Secretary
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 445 12th Street SW
 Washington DC 20554

Re: **IB Docket No. 98-172 /
 Redesignation of the 17.7-19.7 GHz Frequency Band
 Ex Parte Communication**

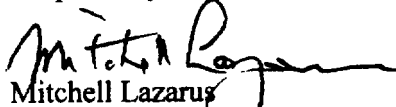
Dear Ms. Salas:

On behalf of the Fixed Wireless Communications Coalition, and pursuant to Section 1.1206(b)(1) of the Commission's Rules, I am filing the original and one copy of the attached written communication for inclusion in the above-referenced docket.

Kindly date-stamp and return the extra copy of this letter.

If there are any questions about this filing, please call me at the number above.

Respectfully submitted,



Mitchell Lazarus
 Counsel for the Fixed Wireless Communications
 Coalition

ML:deb

cc: Bruce A. Franca
 Julius A. Knapp
 Thomas Derenge
 Thomas Sugrue
 John J. Schauble
 Michael Pollak

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 List A B C D E

The FWCC is submitting the attached Channel Plan in the interests of fostering more efficient use of the remaining 18 GHz spectrum available to the Fixed Services. In view of the fact that existing users in the 18.58 – 18.82 GHz and 18.92 – 19.16 GHz segment of this band will have to relocate in the near future to make room for new Satellite Based Services, this proposed Channel Plan provides an orderly means for facilitating this migration.

In addition to narrow band channels, this Channel Plan also recommends 30 MHz channelization to accommodate modern High Capacity Systems. Said systems are now being deployed in the existing 40 MHz channels, and this proposal will result in more efficient spectrum utilisation.

The 5 , 2.5 and 1.25 MHz channels should provide sufficient room for relocation of the incumbent narrow band systems and will encourage equipment manufacturers to develop more spectrally efficient equipment – further increasing spectrum utilisation.

It is suggested that low and medium capacity users relocating from the 18.58 – 18.82 GHz and 18.92 – 19.16 GHz segments begin populating the new frequency plan described herein from the top of the band, working down in frequency as the channels are filled. This will reduce blocking of the High Capacity channels.

1. Existing Plan from FCC 47 CFR Part 101.147

80 MHz Channels		40 MHz Channels		20 MHz Channels		10 Mhz Channels	
T/R	R/T	T/R	R/T	T/R	R/T	T/R	R/T
17,740 ¹	19,300	17,720	19,280	17,710	19,270	17,705	19,265
17,820	19,380	17,760	19,320	17,730	19,290	17,715	19,275
17,900	19,460	17,800	19,360	17,750	19,310	17,725	19,285
17,980	19,540	17,840	19,400	17,770	19,330	17,735	19,295
18,060	19,620	17,880	19,440	17,790	19,350	17,745	19,305
		17,920	19,480	17,810	19,370	17,755	19,315
		17,960	19,520	17,830	19,390	17,765	19,325
		18,000	19,560	17,850	19,410	17,775	19,335
		18,040	19,600	17,870	19,430	17,785	19,345
		18,080	19,640	17,890	19,450	17,795	19,355
		18,120	19,680	17,910	19,470	17,805	19,365
				17,930	19,490	17,815	19,375
				17,950	19,510	17,825	19,385
				17,970	19,530	17,835	19,395
				17,990	19,550	17,845	19,405
				18,010	19,570	17,855	19,415
				18,030	19,590	17,865	19,425
				18,050	19,610	17,875	19,435
				18,070	19,630	17,885	19,445
				18,090	19,650	17,895	19,455
				18,110	19,670	17,905	19,465
				18,130	19,690	17,915	19,475
						17,925	19,485
						17,935	19,495
						17,945	19,505
						17,955	19,515
						17,965	19,525
						17,975	19,535
						17,985	19,545
						17,995	19,555
						18,005	19,565

¹ These channels in jeopardy from Teledesic Proceedings.

18,015	19,575
18,025	19,585
18,035	19,595
18,045	19,605
18,055	19,615
18,065	19,625
18,075	19,635
18,085	19,645
18,095	19,655
18,105	19,665
18,115	19,675
18,125	19,685
18,135	19,695

2. Suggested Plan to accommodate Narrow Band and Modern High Capacity systems

30 MHz Channels		5 Mhz Channels		2.5 MHz Channels		1.25 MHz Channels	
T/R	R/T	T/R	R/T	T/R	R/T	T/R	R/T
17.755	19.315	18,062.50	19,622.50	18,061.25	19,621.25	18,060.625	19,620.625
17.785	19.345	18,067.50	19,627.50	18,063.75	19,623.75	18,061.875	19,621.875
17.815	19.375	18,072.50	19,632.50	18,066.25	19,626.25	18,063.125	19,623.125
17.845	19.405	18,077.50	19,637.50	18,068.75	19,628.75	18,064.375	19,624.375
17.875	19.435	18,082.50	19,642.50	18,071.25	19,631.25	18,065.625	19,625.625
17.905	19.465	18,087.50	19,647.50	18,073.75	19,633.75	18,066.875	19,626.875
17.935	19.495	18,092.50	19,652.50	18,076.25	19,636.25	18,068.125	19,628.125
17.965	19.525	18,097.50	19,657.50	18,078.75	19,638.75	18,069.375	19,629.375
17.995	19.555	18,102.50	19,662.50	18,081.25	19,641.25	18,070.625	19,630.625
18.025	19.585	18,107.50	19,667.50	18,083.75	19,643.75	18,071.875	19,631.875
18.055	19.615	18,112.50	19,672.50	18,086.25	19,646.25	18,073.125	19,633.125
18.085	19.645	18,117.50	19,677.50	18,088.75	19,648.75	18,074.375	19,634.375
18.115	19.675	18,122.50	19,682.50	18,091.25	19,651.25	18,075.625	19,635.625
		18,127.50	19,687.50	18,093.75	19,653.75	18,076.875	19,636.875
		18,132.50	19,692.50	18,096.25	19,656.25	18,078.125	19,638.125
		18,137.50	19,697.50	18,098.75	19,658.75	18,079.375	19,639.375
				18,101.25	19,661.25	18,080.625	19,640.625
				18,103.75	19,663.75	18,081.875	19,641.875
				18,106.25	19,666.25	18,083.125	19,643.125
				18,108.75	19,668.75	18,084.375	19,644.375
				18,111.25	19,671.25	18,085.625	19,645.625
				18,113.75	19,673.75	18,086.875	19,646.875
				18,116.25	19,676.25	18,088.125	19,648.125
				18,118.75	19,678.75	18,089.375	19,649.375
				18,121.25	19,681.25	18,090.625	19,650.625
				18,123.75	19,683.75	18,091.875	19,651.875
				18,126.25	19,686.25	18,093.125	19,653.125
				18,128.75	19,688.75	18,094.375	19,654.375
				18,131.25	19,691.25	18,095.625	19,655.625
				18,133.75	19,693.75	18,096.875	19,656.875
				18,136.25	19,696.25	18,098.125	19,658.125
				18,138.75	19,698.75	18,099.375	19,659.375
						18,100.625	19,660.625
						18,101.875	19,661.875
						18,103.125	19,663.125
						18,104.375	19,664.375
						18,105.625	19,665.625
						18,106.875	19,666.875
						18,108.125	19,668.125
						18,109.375	19,669.375
						18,110.625	19,670.625
						18,111.875	19,671.875
						18,113.125	19,673.125
						18,114.375	19,674.375
						18,115.625	19,675.625

1.25 MHz Channels

T/R	R/T
18,116.875	19,676.875
18,118.125	19,678.125
18,119.375	19,679.375
18,120.625	19,680.625
18,121.875	19,681.875
18,123.125	19,683.125
18,124.375	19,684.375
18,125.625	19,685.625
18,126.875	19,686.875
18,128.125	19,688.125
18,129.375	19,689.375
18,130.625	19,690.625
18,131.875	19,691.875
18,133.125	19,693.125
18,134.375	19,694.375
18,135.625	19,695.625
18,136.875	19,696.875
18,138.125	19,698.125
18,139.375	19,699.375