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**ADVANCED MESSAGING SERVICES 930-931 MHz CHANNEL AVAILABILITY**

A number of companies have petitioned the Commission to initiate rulemaking proceedings to establish specific services that could constitute advanced messaging services (AMS). The spectrum requirement imposed by each is detailed below.

Service Description	Petitioner	Competitive Systems Proposed	Channel Size	Total Spectrum Req'ts
Acknowledgement Paging Service	Dial Page, Inc.	3	25 kHz	75 kHz
Advanced Architecture Paging	PacTel Paging, Inc.	3	25 - 50 kHz	75 -150 kHz <sup>1</sup>
Enhanced Paging Service	Freeman Engineering Associates, Inc.	series <sup>2</sup>	150 kHz 56 kHz	
Global Enhanced Messaging	Global Enhanced Messaging Venture	3 regional 3 nationwide	25 kHz	150 kHz
Ground-to-Air Paging	PacTel Paging, Inc.	3	25 kHz	75 kHz
Hybrid Data Network with Acknowledgment Paging	Metriplex, Inc.	40 <sup>3</sup>	50 kHz	1000 kHz
Mobile Data Radio Service	Echo Group, L.P.	6	50 kHz	300 kHz
Nationwide Wireless Network	Mobile Telecommunications Technology Corp.	3	50 kHz	150 kHz
Personal Network Access Communications Service	NAC, Inc.	1	250 kHz	250 kHz <sup>4</sup>
Public Facsimile Broadcast Service	MAX-FAX Services Co.	3	25 kHz	75 kHz <sup>5</sup>
Personal Information Messaging Service	PageMart, Inc.	2 local 2 nationwide	150 - 250 kHz <sup>6</sup>	800 kHz
Telepoint Management Radio	Skycell Corporation	1-2	25 kHz - 50 kHz	25 - 100 kHz
Verified Information Paging	Mobile Communications Corporation of America	1	50 kHz	50 kHz
VoiceNow Services	Paging Network, Inc.	n/a	10 x 25 kHz	250 kHz

1. PacTel's petition calls for AAP channels between 25 and 50 kHz, and requests allocation of all 930-931 MHz spectrum not allocated to AMS. For illustrative purposes, we have shown three competing AAP providers.
2. Freeman requests that the Commission allocate a series of channels, 150 kHz wide, using advanced modulation techniques. In addition, Freeman appears to request that a series of 56 kHz channels be allocated for mobile and fixed units.
3. Metriplex's petition proposes that the entire 930-931 band be divided into 40 50 kHz segments.
4. NAC, Inc. has also indicated that available spectrum at 901-902 MHz and 940-941 MHz may be appropriate for P\*NAC services.
5. MAX-FAX has indicated that PFBS could also potentially be deployed on air-to-ground radio channels or on vacant 929-930 MHz private carrier paging channels, although 930-931 MHz spectrum is preferable.
6. Local providers would each receive 150 kHz. Nationwide providers would receive 250 kHz.