



# PUBLIC NOTICE

ORIGINAL  
FILE

FEDERAL COMMUNICATIONS COMMISSION  
1919 M STREET N.W.  
WASHINGTON, D.C. 20554

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News media information 202/632-5050. Recorded listing of releases and texts 202/632-0002.

August 7, 1992

Notice of Prohibited Presentation  
Received During Sunshine Period

ET Docket No. 92-100 ✓

Amendment of the Commission's Rules to Establish New  
Personal Communications Services

This serves to provide notice of a written presentation concerning the above-referenced proceeding. This presentation, in the form of a cover letter and pleading\* from PageMart, Inc., dated July 15, 1992, was received subsequent to release of the Sunshine Agenda public notice on July 9, 1992, but prior to release of the text of the Commission decision and, therefore, is prohibited under Section 1.1203 of the Commission's Rules. A copy of the presentation has been placed in a file associated with (but not made a part of) the record in the proceeding, and are available for public inspection. See 47 CFR Sections 1.1203 and 1.1212(e), (f).

All future correspondence relating to this matter (or proceeding) received during the Sunshine Period will be placed in a public file associated with but not a part of the record.

Action by the Managing Director.

\* documents Attached hereto

RECEIVED

JUL 16 1992

BLUMENFELD & COHEN  
SUMNER SQUARE  
1615 M STREET, N.W. SUITE 700  
WASHINGTON, D. C. 20036

202 955-6300  
FACSIMILE 202 955-6460

July 15, 1992

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

101 CALIFORNIA STREET  
SUITE 1060  
SAN FRANCISCO, CA 94111

415 394-7500  
FACSIMILE 415 394-7505

Ms. Donna R. Searcy  
Secretary  
Federal Communications Commission  
1919 M Street, NW, Room 222  
Washington, DC 20554

Re: Supplemental Material of PageMart, Inc. in Connection with Requests for Pioneer's Preferences Regarding Petitions for Rulemaking to Allocate 800 MHz in the 930-931 MHz Band and to Establish Rules and Policies for a New Nationwide & Local Personal Information Messaging Service, Gen. Docket No. 92-100, PP-40

Dear Ms. Searcy:

Transmitted herewith on behalf of PageMart, Inc. ("PageMart") are an original and four copies of PageMart's Motion for Leave to File Supplemental Material and Supplemental Material in the above-referenced proceeding.

Very truly yours,

Jeffrey Blumenfeld  
of BLUMENFELD & COHEN

Enclosures

cc: Chairman Alfred C. Sikes  
Commissioner Andrew C. Barrett  
Commissioner Ervin S. Duggan  
Commissioner Sherrie P. Marshall  
Commissioner James H. Quello  
Mr. Thomas P. Stanley  
Mr. Robert Pepper  
Mr. David Siddall

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JUL 16 1992

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C.

In the Matter of the Request )  
of PageMart, Inc. for a Pioneer's )  
Preference Regarding its Petition )  
for Rulemaking to Allocate )  
800 MHz in the 930-931 MHz Band )  
and to Establish Rules and )  
Policies for a New Nationwide & )  
Local Personal Information )  
Messaging Service )

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Gen. Docket No. 92-100  
PP-40

MOTION FOR LEAVE TO FILE SUPPLEMENTAL MATERIAL

PageMart, Inc. ("PageMart"), through its undersigned attorneys, respectfully requests that the Commission accept PageMart's attached Supplemental Material, specifically a letter from Motorola, Inc. ("Motorola") to Mr. Roger D. Linguist, Chairman of PageMart. This letter is relevant and material in light of recent challenges by other parties to this proceeding to the technical feasibility of PageMart's proposal. Instead, as the letter states, "[a]ll of the network equipment technology is essentially available today," and further, as to the PCMCIA-based subscriber receiver/transmitter unit, "[w]e believe such a 'pager card' to be feasible."

Respectfully submitted,

By: \_\_\_\_\_

Jeffrey Blumenfeld

BLUMENFELD & COHEN  
1615 M Street, N.W.  
Suite 700  
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(202) 955-6300  
Attorneys for PageMart



**MOTOROLA INC.**

July 13, 1992

Mr. Roger D. Linquist, Chairman  
PageMart, Inc.  
6688 North Central Expressway  
Suite 900  
Dallas, Texas 75206

Subject: Personal Information Messaging Service (PIMS)

Dear Mr. Linquist:

We have had an opportunity to review the PIMS system design and have concluded that Motorola could develop and manufacture both the network equipment and the subscriber receiver/transmitter unit using a combination of existing and emerging technologies. The system elements utilized in the design would require a base station unit containing multiple transmitters for the forward link; a base station unit containing multiple receivers for the return link; a trunking control unit; and a subscriber unit containing a receiver and transmitter. All of the network equipment technology is essentially available today; however, additional development will be necessary to ensure against receiver desensitization, in harsh RF site locations. The subscriber receiver/transmitter unit will require further development if it is to use the PCMCIA card package. We believe such a "pager card" to be feasible.

Network controlled frequency agility

Our current Synthesized Bravo Plus pager can switch frequencies in response to over the air commands from the paging terminal. Your proposed subscriber unit might require additional functionality which will be extensions of the technology.

Return Link transmitter

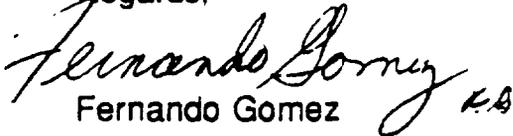
Achieving the required transmitter performance using pager battery systems and pager antennas represents a substantial technological challenge. The subscriber unit design may be simplified if the pager card has access to the host portable computer battery power in order to have a sustained transmit capability even at the hundred milliwatt level. The "pager card" will probably need an external attachment to the PCMCIA card package in order to accommodate a more efficient antenna.

Enhanced Digital Modulation

The high speed coding techniques available to achieve 4.800 bps or ERMES data rate of 6.250 bps are achievable and suitable to the subscriber transceiver unit. Various pager manufacturers are currently developing ERMES supporting technology.

In summary, we believe that a "pager card" can be developed to meet requirements with reasonable cost and size assuming transmitter power can be sourced from the host portable computer, and a more efficient, external antenna is used. We look forward to continuing the development of your proposal.

Regards,

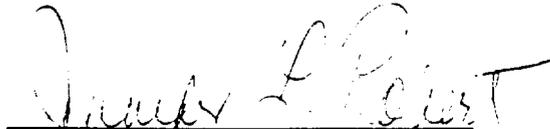
A handwritten signature in cursive script that reads "Fernando Gomez".

Fernando Gomez  
Director, Paging Products Operation  
Motorola, Inc.

c: Jerry Leonard

## CERTIFICATE OF SERVICE

I, Jennifer L. Roberts, do hereby certify on this 15th day of July, 1992,  
that I have served a copy of the foregoing document via first class mail, postage prepaid,  
or via hand delivery to the parties on the service list below.



Jennifer L. Roberts

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\* hand delivered