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LAW OFFICES

**KELLER AND HECKMAN LLP**

1001 G STREET, N.W.  
SUITE 500 WEST  
WASHINGTON, D.C. 20001  
TELEPHONE (202) 434-4100  
FACSIMILE (202) 434-4646

—  
25 RUE BLANCHE  
B-1000 BRUSSELS  
TELEPHONE 32(2) 541 05 70  
FACSIMILE 32(2) 541 05 80

—  
WWW.KHLAW.COM

JOSEPH E. KELLER (1907-1994)  
JEROME H. HECKMAN  
WILLIAM H. BORGHESE, JR.  
MALCOLM D. MACARTHUR  
WAYNE V. BLACK  
TERRANCE D. JONES  
MARTIN W. BERCOVICI  
JOHN S. ELDRED  
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ALFRED S. REGNIER  
DOUGLAS J. BEHR  
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MICHAEL F. MORRONE  
JOHN B. RICHARDS  
JEAN SAVIGNY\*\*  
JOHN B. DUBECK  
PETER L. DE LA CRUZ  
MELVIN S. DROZEN  
LAWRENCE P. HALPRIN  
RALPH A. SIMMONS  
RICHARD F. MANN

C. DOUGLAS JARRETT  
SHEILA A. MILLAR  
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CATHERINE R. NIELSEN  
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GEORGE BRENT MICKUM, IV  
ELLIOT BELILOS  
COLETTE FERRIS-SHOTTON\*  
ARTHUR S. GARRETT III  
ROBBIE S. PITT  
ELIZABETH N. HARRISON  
JOHN B. RODGERS  
JOAN C. SYLVAIN\*  
MARTHA E. MARRAPESI  
NICOLE B. DONATH

DEBORAH ROSEN WHITE  
DAVID R. JOY  
FREDERICK A. STEARNS  
TODD A. HARRISON\*  
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DANIEL QUINTART\*\*  
TASHIR J. LEE  
AMY E. FORTENBERRY\*  
ANN M. BOECKMAN\*

SCIENTIFIC STAFF  
DANIEL S. DIXLER, Ph. D.  
CHARLES V. BREDER, Ph. D.  
ROBERT A. MATHEWS, Ph. D., D.A.B.T.  
JOHN P. MODDERMAN, Ph. D.  
(1944-1998)  
HOLLY NUTMIRE FOLEY  
JANETTE HOUK, Ph. D.  
LESTER BORODINSKY, Ph. D.  
THOMAS C. BROWN  
MICHAEL T. FLOOD, Ph. D.  
ANDREW P. JOVANOVIICH, Ph. D.  
ANNA GERGELY, Ph. D.\*  
STEFANIE M. CORBITT  
JUSTIN J. FREDERICO, Ph. D.  
RACHEL F. JOYNER  
ELIZABETH A. HEGER  
—  
TELECOMMUNICATIONS  
ENGINEER  
RANDALL D. YOUNG  
—  
WRITERS DIRECT ACCESS

\*NOT ADMITTED IN D.C.  
RESIDENT BRUSSELS

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March 24, 1999

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(202) 434-4130  
black@khlaw.com

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Ms. Magalie R. Salas  
Secretary  
Federal Communications Commission  
The Portals TW-A325  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554

**VIA HAND DELIVERY**

Re: PR Docket No. 92-235; PR Docket No. 93-144;  
ET Docket No. 95-18; WT Docket No. 95-157;  
WT Docket No. 97-81; IB Docket No. 98-172;  
RM-9267; RM-9405  
**Ex Parte Meeting**

Dear Madam Secretary:

The purpose of this letter is to provide notice that on March 23, 1999, Bill Carter of the Colorado Interstate Gas Company (chairman of the Microwave/Satellite Committee of the American Petroleum Institute ("API")), Lee Gaspard of the Shell Oil Company (chairman of API's Radio Committee) and Wayne V. Black and Nicole Donath of Keller and Heckman LLP (telecommunications counsel for API) met with Thomas Sugrue, D'wana Terry and Herb Zeiler of the Wireless Telecommunications Bureau.

The meeting entailed a general description of the manner in which the oil and natural gas industries use private radio systems, followed by a discussion of pending rule making proceedings and other matters that are of concern to API members. A more detailed summary of the topics of discussion is set forth in the enclosed outline.

Ms. Magalie R. Salas  
March 24, 1999  
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Wayne V. Black, Sr.  
March 24, 1999  
1999

**KELLER AND HECKMAN LLP**

In accordance with Section 1.1206 of the Commission's rules, an original and fifteen copies of this letter have been submitted to the Secretary's office. Should the Commission require further information, it is respectfully requested to contact the undersigned.

Very truly yours,



Wayne V. Black

Enclosure

- cc: Thomas Sugrue, Chief, Wireless Telecommunications Bureau  
D'wana Terry, Chief, Public Safety & Private Wireless Division,  
Wireless Telecommunications Bureau  
Herb Zeiler, Deputy Chief (Technical), Public Safety & Private Wireless Division,  
Wireless Telecommunications Bureau

## PRIVATE LAND MOBILE RADIO

- ***Used by the oil and natural gas industries to:***
  - support all aspects of operations, including exploration and production, pipeline transmission, processing, refining and delivery to customers
  - provide two-way mobile communications in normal areas of operation, as well as particularly challenging work environments
    - *e.g.*, offshore drilling rigs and production platforms, onshore remote fields, including those in difficult terrain, storage tank farms, below-ground facilities, and refineries
  
- ***Key Issues:***
  - Resolve outstanding matters in proceeding to “**Refarm**” the bands below 800 MHz (PR Docket No. 92-235), including:
    - **LMCC UHF low power transition plan**, pending since June 1997: many API members rely on low power channels to support production and refinery operations
    - API/UTC/AAR request for creation of “**Public Service**” pool (RM-9405), filed in August 1998:
      - seeks designation of additional channels for exclusive coordination and use by critical infrastructure industries
      - would establish “protected service contours” around the existing systems of such entities to avert harmful interference
      - Related request for “**limited licensing freeze**” on channels previously allocated for shared use by Power and/or Petroleum Radio Services (pending since July 1998)
  - **LMCC Petition for new spectrum allocation** in the Private Mobile Radio Services (RM-9267) -- comment period closed in July 1998
    - would enable API members to implement advanced technologies and applications, such as mobile data and slow-scan video systems
    - commercial radio systems cannot satisfy all of the needs of the oil and gas industries and other users of private mobile radio systems
  - **800 MHz** proceeding (PR Docket No. 93-144): resolve outstanding rule making and auction issues

## FIXED MICROWAVE SERVICE

- *Examples of uses by the oil and natural gas industries:*
  - communications between remote oil and gas exploration and production sites and management/supervisory personnel at distant offices
  - communications with refineries
  - extensions of circuits to remote pipeline pump and compressor stations
  - supervisory control and data acquisition (SCADA) systems: remotely monitor and control wells and pipelines
  
- *Key issues:*
  - Secure additional private spectrum for **Multiple Address Systems (MAS)**:  
WT Docket No. 97-81
    - proceeding to allocate 932/941 MHz band was initiated in 1982; spectrum still not available for licensing
    - release “takeback” list for 928/952 MHz MAS channels
  
  - Ensure smooth transition of **2.1 GHz band** from Fixed Service to MSS  
(ET Docket No. 95-18)
    - requires WTB interaction and coordination with OET and IB
  
  - Resolve **pending Petitions for Reconsideration** in “Microwave Relocation Cost-Sharing” proceeding (WT Docket No. 95-157)
    - API’s July 1996 Petition: deals with various relocation issues, including “sunset” date, definition of “comparable facilities” and reimbursement for transaction and transition expenses
    - API’s April 1997 Petition: addresses certain aspects of the rules governing the self-relocation of incumbent microwave systems
  
  - Promote policies to protect terrestrial users in **18 GHz band** in light of proposed redesignation for satellite services (IB Docket No. 98-172)
    - requires WTB involvement with IB