ORIGINAL

MANIA K. BAGHDADI
ANNE GOODWIN CRUMP
VINCENT J. CURTIS, JR.
THOMAS J. DOUGHERTY, JR.
JAMES G. ENNIS
RICHARD HILDRETH
EDWARD W. HUMMERS, JR.
FRANK R. JAZZO
BARRY LAMBERGMAN
PATRICIA A. MAHONEY
GEORGE PETRUTSAS
ROBERT D. PRIMOSCH
LEONARD R. RAISH
JAMES P. RILEY
DAVID N. ROBERTS*
MARVIN ROSENBERG
STEPHEN R. ROSS
TIMOTHY R. SCHNACKE**
LONNA M. THOMPSON
HOWARD M. WEISS

*ADMITTED IN TEXAS ONLY
**ADMITTED IN KANSAS ONLY

FLETCHER, HEALD & HILDRETH

ATTORNEYS AT LAW

SUITE 400, 1225 CONNECTICUT AVENUE, N.W.

WASHINGTON, D.C. 20036-2679

(202) 828-5700

TELECOPIER NUMBER

(202) 828-5786

PAUL D.P. SPEARMAN
(1936-1962)
FRANK ROBERSON
(1936-1961)

RETIRED

RUSSELL ROWELL
EDWARD F. KENEHAN
ROBERT L. HEALD
FRANK U. FLETCHER

SPECIAL COUNSEL

JAMES L. HOFFMAN, JR.

TELECOMMUNICATIONS CONSULTANT

HON. ROBERT E. LEE

WRITER'S NUMBER

(202) 828- 5710

ORIGINAL FILE

RECEIVED

MAR - 9 1992

Federal Communications Commission
Office of the Secretary

March 9, 1992

92-297

Ms. Donna R. Searcy
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

RE: RM-7722

Dear Ms. Searcy:

On April 19, 1991, the Harris Corporation - Farinon Division ("Harris") filed the above-referenced petition for rule making concerning channel assignments in the 27.5-29.5 GHz band. Attached to that petition was an appendix setting forth, among other things, a proposed channelization plan for this band. Subsequently, on September 23, 1991, The Suite 12 Group filed another petition for rule making (RM-7872) involving the same frequency band. In its opposition to The Suite 12 Group petition, Harris stated that it would amend its petition to substitute a revised channelization plan, based on the one recommended by the CCIR, which, in Harris's view, could accommodate both petitioners' proposals.

Accordingly, there is transmitted herewith an an original and nine copies of a revised appendix to Harris's petition. This revised appendix replaces the original appendix in its entirety. Please contact the undersigned if there are any questions concerning this matter.

Respectfully submitted,

Barry Lambergman

Barry Lambergman
Counsel for
Harris Corporation -
Farinon Division

cc: Henry M. Rivera, Esquire (with enclosure)
Counsel for The Suite 12 Group

No. of Copies rec'd 0+9
List A B C D E

RECEIVED
MAR - 9 1992
Federal Communications Commission
Office of the Secretary

APPENDIX (REVISED)

Parts 2, 21 and 94 of Chapter 1 of Title 47 of the Code of Federal Regulations are proposed to be amended as follows:

1. 47 C.F.R. § 2.106 is proposed to be amended by adding the following to column (6) in the allocation block for the band 27.5-29.5 GHz in the Table of Allocations:

PRIVATE OPERATIONAL-FIXED MICROWAVE (94)

2. 47 C.F.R. § 21.701 is proposed to be amended by redesignating subparagraphs (f) and (g) as (g) and (h), respectively, and adding a new subparagraph (f) to read as follows:

* *

(f) 27,500-29,500 MHz.

(1) 112 MHz maximum authorized bandwidth channels, 1008 MHz separation:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27604.5	28612.5
27716.5	28724.5
27828.5	28836.5
27940.5	28948.5
28052.5	29060.5
28164.5	29172.5
28286.5	29294.5
28398.5	29406.5

(2) 56 MHz maximum authorized bandwidth channels, 1008 MHz separation:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27576.5	28584.5
27632.5	28640.5
27688.5	28696.5
27744.5	28752.5
27800.5	28808.5
27856.5	28864.5
27912.5	28920.5
27968.5	28976.5
28024.5	29032.5
28080.5	29088.5
28136.5	29144.5
28192.5	29200.5
28248.5	29256.5

RECEIVED
MAR - 9 1992
Federal Communications Commission
Office of the Secretary

28304.5	29312.5
28360.5	29368.5
28416.5	29424.5

(3) 28 MHz maximum authorized bandwidth channels, 1008 MHz separations:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27562.5	28570.5
27590.5	28598.5
27618.5	28626.5
27646.5	28654.5
27674.5	28682.5
27702.5	28710.5
27730.5	28738.5
27758.5	28766.5
27786.5	28794.5
27814.5	28822.5
27842.5	28850.5
27870.5	28878.5
27898.5	28906.5
27926.5	28934.5
27954.5	28962.5
27982.5	28990.5
28010.5	29018.5
28038.5	29046.5
28066.5	29074.5
28094.5	29102.5
28122.5	29130.5
28150.5	29158.5
28178.5	29186.5
28206.5	29214.5
28234.5	29242.5
28262.5	29270.5
28290.5	29298.5
28318.5	29326.5
28346.5	29354.5
28374.5	29382.5
28402.5	29410.5
28430.5	29438.5

(4) 21 MHz maximum authorized bandwidth channels, 1008 MHz separation:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27559.0	28567.0
27580.0	28588.0
27601.0	28609.0
27622.0	28630.0
27643.0	28651.0

27664.0	28672.0
27685.0	28693.0
27706.0	28714.0
27727.0	28735.0
27748.0	28756.0
27769.0	28777.0
27790.0	28798.0
27811.0	28819.0
27832.0	28840.0
27853.0	28861.0
27874.0	28882.0
27895.0	28903.0
27916.0	28924.0
27937.0	28945.0
27950.0	29966.0
27979.0	29987.0
28000.0	29008.0
28021.0	29029.0
28042.0	29050.0
28063.0	29071.0
28084.0	29092.0
28105.0	29113.0
28126.0	29134.0
28147.0	29155.0
28168.0	29176.0
28189.0	29197.0
28210.0	29218.0
28231.0	29239.0
28252.0	29260.0
28273.0	29281.0
28294.0	29302.0
28315.0	29323.0
28336.0	29344.0
28357.0	29365.0
28378.0	29386.0
28399.0	29407.0
28420.0	29428.0
28441.0	29449.0

(5) 14 MHz maximum authorized bandwidth channels, 1008 MHz separation:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27555.5	28563.5
27569.5	28577.5
27583.5	28591.5
27597.5	28605.5
27611.5	28619.5
27625.5	28633.5
27639.5	28647.5
27653.5	28661.5

27667.5	28675.5
27681.5	28689.5
27695.5	28703.5
27709.5	28717.5
27723.5	28731.5
27737.5	28745.5
27751.5	28759.5
27765.5	28773.5
27779.5	28787.5
27793.5	28801.5
27807.5	28815.5
27821.5	28829.5
27835.5	28843.5
27849.5	28857.5
27863.5	28871.5
27877.5	28885.5
27891.5	28899.5
27905.5	28913.5
27919.5	28927.5
27933.5	28941.5
27947.5	28955.5
27961.5	28969.5
27975.5	28983.5
27989.5	28997.5
28003.5	29011.5
28017.5	29025.5
28031.5	29039.5
28045.5	29033.5
28059.5	29067.5
28073.5	29081.5
28087.5	29095.5
28101.5	29109.5
28115.5	29123.5
28129.5	29137.5
28143.5	29151.5
28157.5	29165.5
28171.5	29179.5
28185.5	29193.5
28199.5	29207.5
28213.5	29221.5
28227.5	29235.5
28241.5	29249.5
28255.5	29263.5
28269.5	29277.5
28283.5	29291.5
28297.5	29305.5
28311.5	29319.5
28325.5	29333.5
28339.5	29347.5
28353.5	29361.5
28367.5	29375.5
28381.5	29389.5

28395.5	29403.5
28409.5	29417.5
28423.5	29431.5
28437.5	29445.5

(6) 7 MHz maximum authorized bandwidth channels, 1008 MHz separation.

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27552.0	28560.0
27559.0	28567.0
27566.0	28574.0
27573.0	28581.0
27580.0	25588.0
27587.0	28595.0
27594.0	28602.0
27601.0	28609.0
27608.0	28616.0
27615.0	28623.0
27622.0	28630.0
27629.0	28637.0
27636.0	28644.0
27643.0	28651.0
27650.0	28658.0
27657.0	28665.0
27664.0	28672.0
27671.0	28679.0
27678.0	28686.0
27685.0	28693.0
27692.0	28700.0
27699.0	28707.0
27706.0	28714.0
27713.0	28721.0
27720.0	28728.0
27727.0	28735.0
27734.0	28742.0
27741.0	28749.0
27748.0	28756.0
27755.0	28763.0
27762.0	28770.0
27769.0	28777.0
27776.0	28784.0
27783.0	28791.0
27790.0	28798.0
27797.0	28805.0
27804.0	28812.0
27811.0	28819.0
27818.0	28826.0
27825.0	28833.0
27832.0	28840.0
27839.0	28847.0

27846.0	28854.0
27853.0	28861.0
27860.0	28868.0
27867.0	28875.0
27874.0	28882.0
27881.0	28889.0
27888.0	28896.0
27895.0	28903.0
27902.0	28910.0
27909.0	28917.0
27916.0	28924.0
27923.0	28931.0
27930.0	28938.0
27937.0	28945.0
27944.0	28952.0
27951.0	28959.0
27958.0	28966.0
27965.0	28973.0
27972.0	28980.0
27979.0	28987.0
27986.0	28994.0
27993.0	29001.0
28000.0	29008.0
28007.0	29015.0
28014.0	29022.0
28021.0	29029.0
28028.0	29036.0
28035.0	29043.0
28042.0	29050.0
28049.0	29057.0
28056.0	29064.0
20063.0	29071.0
28070.0	29078.0
28077.0	29085.0
28084.0	29092.0
28091.0	29099.0
28098.0	29106.0
28105.0	29113.0
28112.0	29120.0
28119.0	29127.0
28126.0	29134.0
28133.0	29141.0
28140.0	29148.0
28147.0	29155.0
28154.0	29162.0
28161.0	29169.0
28168.0	29176.0
28175.0	29183.0
28182.0	29190.0
28189.0	29197.0
28196.0	29204.0
28203.0	29211.0

28210.0	29218.0
28217.0	29225.0
28224.0	29232.0
28231.0	29239.0
28238.0	29246.0
28245.0	29253.0
28252.0	29260.0
28259.0	29267.0
28266.0	29274.0
28273.0	29281.0
28280.0	29288.0
28287.0	29295.0
28294.0	29302.0
28301.0	29309.0
28308.0	29316.0
28315.0	29323.0
28322.0	29330.0
28329.0	29337.0
28336.0	29344.0
28343.0	29351.0
28350.0	29358.0
28357.0	29365.0
28364.0	29372.0
28371.0	29379.0
28378.0	29386.0
28385.0	29393.0
28392.0	29400.0
28399.0	29407.0
28406.0	29414.0
28413.0	29421.0
28420.0	29428.0
28427.0	29435.0
28434.0	29442.0
28441.0	29449.0

3. 47 C.F.R. § 21.703 is proposed to be amended by changing the maximum authorized bandwidth for the 27,500 to 29,500 MHz band from 220 MHz to 112 MHz.

4. 47 C.F.R. § 94.61(b) is proposed to be amended by adding the following to the list of frequencies available for assignment:

* *

27,500 to 29,500 . . . . . (6) and (10)

5. 47 C.F.R. § 94.63(a) is proposed to be amended by adding the 27,500-29,500 MHz band to the group of frequency bands

referenced in the second sentence. Thus, the second sentence is revised to read as follows:

> (a) . . . . As an exception to the above requirement, when the proposed facilities are to be operated in the bands 932-935 MHz, 941-944 MHz, 10,550-1680 MHz, 17,700-19,700 MHz, 21,200-21,800 MHz, 22,400-23,000 MHz, 27,500-29,500 MHz, oor 28,600-40,000 MHz (excluding those frequencies set out in § 94.189), applicants shall follow the prior coordination procedure specified in § 21.100(d) of this chapter.

6. 47 C.F.R. § 94.65 is proposed to be amended by redesignating subparagraphs (k), (l) and (m) as (l), (m) and (n), respectively, and adding a new subparagraph (k) to read as follows:

* *

(k) 27,500-29,500 MHz.

(1) 112 MHz maximum authorized bandwidth channels, 1008 MHz separation:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27604.5	28612.5
27716.5	28724.5
27828.5	28836.5
27940.5	28948.5
28052.5	29060.5
28164.5	29172.5
28286.5	29294.5
28398.5	29406.5

(2) 56 MHz maximum authorized bandwidth channels, 1008 MHz separation:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27576.5	28584.5
27632.5	28640.5
27688.5	28696.5
27744.5	28752.5
27800.5	28808.5
27856.5	28864.5
27912.5	28920.5
27968.5	28976.5
28024.5	29032.5
28080.5	29088.5
28136.5	29144.5

28192.5	29200.5
28248.5	29256.5
28304.5	29312.5
28360.5	29368.5
28416.5	29424.5

(3) 28 MHz maximum authorized bandwidth channels, 1008 MHz separations:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27562.5	28570.5
27590.5	28598.5
27618.5	28626.5
27646.5	28654.5
27674.5	28682.5
27702.5	28710.5
27730.5	28738.5
27758.5	28766.5
27786.5	28794.5
27814.5	28822.5
27842.5	28850.5
27870.5	28878.5
27898.5	28906.5
27926.5	28934.5
27954.5	28962.5
27982.5	28990.5
28010.5	29018.5
28038.5	29046.5
28066.5	29074.5
28094.5	29102.5
28122.5	29130.5
28150.5	29158.5
28178.5	29186.5
28206.5	29214.5
28234.5	29242.5
28262.5	29270.5
28290.5	29298.5
28318.5	29326.5
28346.5	29354.5
28374.5	29382.5
28402.5	29410.5
28430.5	29438.5

(4) 21 MHz maximum authorized bandwidth channels, 1008 MHz separation:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27559.0	28567.0
27580.0	28588.0
27601.0	28609.0

27622.0	28630.0
27643.0	28651.0
27664.0	28672.0
27685.0	28693.0
27706.0	28714.0
27727.0	28735.0
27748.0	28756.0
27769.0	28777.0
27790.0	28798.0
27811.0	28819.0
27832.0	28840.0
27853.0	28861.0
27874.0	28882.0
27895.0	28903.0
27916.0	28924.0
27937.0	28945.0
27950.0	29966.0
27979.0	29987.0
28000.0	29008.0
28021.0	29029.0
28042.0	29050.0
28063.0	29071.0
28084.0	29092.0
28105.0	29113.0
28126.0	29134.0
28147.0	29155.0
28168.0	29176.0
28189.0	29197.0
28210.0	29218.0
28231.0	29239.0
28252.0	29260.0
28273.0	29281.0
28294.0	29302.0
28315.0	29323.0
28336.0	29344.0
28357.0	29365.0
28378.0	29386.0
28399.0	29407.0
28420.0	29428.0
28441.0	29449.0

(5) 14 MHz maximum authorized bandwidth channels, 1008 MHz separation:

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27555.5	28563.5
27569.5	28577.5
27583.5	28591.5
27597.5	28605.5
27611.5	28619.5
27625.5	28633.5

27639.5	28647.5
27653.5	28661.5
27667.5	28675.5
27681.5	28689.5
27695.5	28703.5
27709.5	28717.5
27723.5	28731.5
27737.5	28745.5
27751.5	28759.5
27765.5	28773.5
27779.5	28787.5
27793.5	28801.5
27807.5	28815.5
27821.5	28829.5
27835.5	28843.5
27849.5	28857.5
27863.5	28871.5
27877.5	28885.5
27891.5	28899.5
27905.5	28913.5
27919.5	28927.5
27933.5	28941.5
27947.5	28955.5
27961.5	28969.5
27975.5	28983.5
27989.5	28997.5
28003.5	29011.5
28017.5	29025.5
28031.5	29039.5
28045.5	29033.5
28059.5	29067.5
28073.5	29081.5
28087.5	29095.5
28101.5	29109.5
28115.5	29123.5
28129.5	29137.5
28143.5	29151.5
28157.5	29165.5
28171.5	29179.5
28185.5	29193.5
28199.5	29207.5
28213.5	29221.5
28227.5	29235.5
28241.5	29249.5
28255.5	29263.5
28269.5	29277.5
28283.5	29291.5
28297.5	29305.5
28311.5	29319.5
28325.5	29333.5
28339.5	29347.5
28353.5	29361.5

28367.5	29375.5
28381.5	29389.5
28395.5	29403.5
28409.5	29417.5
28423.5	29431.5
28437.5	29445.5

(6) 7 MHz maximum authorized bandwidth channels, 1008 MHz separation.

Transmit (Receive) (MHz)	Receive (Transmit) (MHz)
27552.0	28560.0
27559.0	28567.0
27566.0	28574.0
27573.0	28581.0
27580.0	25588.0
27587.0	28595.0
27594.0	28602.0
27601.0	28609.0
27608.0	28616.0
27615.0	28623.0
27622.0	28630.0
27629.0	28637.0
27636.0	28644.0
27643.0	28651.0
27650.0	28658.0
27657.0	28665.0
27664.0	28672.0
27671.0	28679.0
27678.0	28686.0
27685.0	28693.0
27692.0	28700.0
27699.0	28707.0
27706.0	28714.0
27713.0	28721.0
27720.0	28728.0
27727.0	28735.0
27734.0	28742.0
27741.0	28749.0
27748.0	28756.0
27755.0	28763.0
27762.0	28770.0
27769.0	28777.0
27776.0	28784.0
27783.0	28791.0
27790.0	28798.0
27797.0	28805.0
27804.0	28812.0
27811.0	28819.0
27818.0	28826.0
27825.0	28833.0

27832.0	28840.0
27839.0	28847.0
27846.0	28854.0
27853.0	28861.0
27860.0	28868.0
27867.0	28875.0
27874.0	28882.0
27881.0	28889.0
27888.0	28896.0
27895.0	28903.0
27902.0	28910.0
27909.0	28917.0
27916.0	28924.0
27923.0	28931.0
27930.0	28938.0
27937.0	28945.0
27944.0	28952.0
27951.0	28959.0
27958.0	28966.0
27965.0	28973.0
27972.0	28980.0
27979.0	28987.0
27986.0	28994.0
27993.0	29001.0
28000.0	29008.0
28007.0	29015.0
28014.0	29022.0
28021.0	29029.0
28028.0	29036.0
28035.0	29043.0
28042.0	29050.0
28049.0	29057.0
28056.0	29064.0
20063.0	29071.0
28070.0	29078.0
28077.0	29085.0
28084.0	29092.0
28091.0	29099.0
28098.0	29106.0
28105.0	29113.0
28112.0	29120.0
28119.0	29127.0
28126.0	29134.0
28133.0	29141.0
28140.0	29148.0
28147.0	29155.0
28154.0	29162.0
28161.0	29169.0
28168.0	29176.0
28175.0	29183.0
28182.0	29190.0
28189.0	29197.0

28196.0	29204.0
28203.0	29211.0
28210.0	29218.0
28217.0	29225.0
28224.0	29232.0
28231.0	29239.0
28238.0	29246.0
28245.0	29253.0
28252.0	29260.0
28259.0	29267.0
28266.0	29274.0
28273.0	29281.0
28280.0	29288.0
28287.0	29295.0
28294.0	29302.0
28301.0	29309.0
28308.0	29316.0
28315.0	29323.0
28322.0	29330.0
28329.0	29337.0
28336.0	29344.0
28343.0	29351.0
28350.0	29358.0
28357.0	29365.0
28364.0	29372.0
28371.0	29379.0
28378.0	29386.0
28385.0	29393.0
28392.0	29400.0
28399.0	29407.0
28406.0	29414.0
28413.0	29421.0
28420.0	29428.0
28427.0	29435.0
28434.0	29442.0
28441.0	29449.0

7. 47 C.F.R. § 94.71 is proposed to be amended by adding the following to the table specifying maximum authorized bandwidth for frequency bands available for assignment under Part 94:

Frequency band MHz	Maximum authorized bandwidth
* * *

8. 47 C.F.R. § 94.731 is proposed to be amended by adding the following to the table specifying power limitations for frequency bands available for assignment under Part 94:

	Maximum allowable transmitter power		Maximum allowable EIRP	
Frequency band MHz (W)	Fixed (W)	Mobile (W)	Fixed (W)	Mobile
* * *