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Public Comments on Developing an Unified Intercarrier Compensation:=====

Title: Developing an Unified Intercarrier Compensation

FR Document Number: 2011-04399

Legacy Document ID:

RIN:

Publish Date: 3/2/2011 12:00:00 AM

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see attached file(s)

FCC 09-31 Notice of Inquiry GN Docket No. 09-51 - Broadband Plan for Our Future

**EXHIBIT TABLE** to accompany the Comment of The EMR Policy Institute **June 7, 2009**

No.	Name		City State	Info	TYPE
1	Litovitz, Theodore	PhD, Physics	Catholic University	Presentation used at Congressional Staff Briefing	
2				<i>Pathophysiology</i> , March 2009	Journal articles
3	Hillman, Donald	PhD Animal Science	East Lansing MI	Analysis of RF in home	Affidavit
4	Tully, Lisa	PhD Toxicology and Pharmacology	Boulder CO	Developing EHS test	Affidavit
5	Schou, John	PhD Agronomy Researcher	Cedar Falls IA	EHS symptoms wife had to move to WV	Affidavit
6	Schou, Diane	PhD Industrial Technology	Green Bank WV	Industrial Technology Severe EHS had to move to WV husband in IA	Affidavit
7	Bruno, William	PhD, Physics Researched at Los Alamos	Santa FE NM	Severe symptoms Comment in NAS record	Affidavit
8	Dauble, Janet	Non-profit organization	Frazier CA	MCS EHS support group founder increase in 10 yrs	Affidavit
9	Carney, Deborah	JD. BA-Human Biology	Golden CO	EMRPI VP CARE counsel Research subject	Affidavit
10	Fox, Nicols	Journalist	Renick WV	Documents severe EHS moved from ME to WV	Affidavit
11	Kleiber, Daniel	Farmer beekeeper	Waterloo WI	Type 1 diabetic documented insulin effects	Affidavit
12	Kleiber, Catherine	BA in biological science	Waterloo WI	Severe microwave sickness Dirty power and RF reactions Young children react as well	Affidavit
13	Savarin, Evelyn		Hampton NH	EHS from education exposure Documents with own meters	Affidavit

13B	Gherzi, Alex	Savarin's landlord	Hampton NH	Landlord to Savarin child can now sleep with WiFi off	Affidavit
14	Hurston, Ronald	M.D.	Wayland, MA	"It invites potentially tragic public health consequences."	Affidavit
15	Patton, Margaret	2-time cancer survivor	Wayland MA	Close to tower long legal battles to enforce zoning	Affidavit
16	Ide, Judith	Concerned citizen	Wayland, MA	Close to tower long legal battles to enforce bylaw	Affidavit
17	Lettieri, Linda	Liver cancer survivor	Fishkill NY	Had to leave job because cell tower was erected there	Affidavit
18	Pape, Beverly	Breast cancer	Dallas TX	Still in treatment for cancer EHS headaches cognition	Affidavit
19	Kayda, Valetta	2 brain tumors	Kelso WA	Tumor treatment caused EHS Moved 3 times already	Affidavit
20	Singer, Katie	EHS Reproductive health educator	Santa Fe, NM	Written 2 books on reproductive health has severe symptoms herself	Affidavit
21	DiGennaro JoTina	Substitute teacher Husband has prostate cancer	Bayville NY	Water tower antennas 50 ft from school deed covenant violated	Affidavit
22	Perrin, Madeleine	Mother of 2 young kids	Bayville NY	Can't get kids into another school tower 50ft away	Affidavit
23	Rollans, Marian & James	Farmers 39 years	Mt. Ulla NC	Fighting broadcast towers 3 cell towers close by EHS symptoms	Affidavit
24	Webster, Betsy	Concerned parent	Mt. Ulla NC	Fighting broadcast proposal 15 towers already nearby	
25	Davis, Ruth	EHS sufferer	Ouray CO	Notarized version to follow	Affidavit

26	Hinson, Katherine	Mother 15yr 13yr boys EHS	Plymouth VT	Left GA for boys' health	Affidavit
27	Russo, Kristin	Mother of 3 kids	Burlington MA	Water tower antenna at school Moved recently to avoid	Affidavit
28	Clark, Gayle	mother 14 yr old son	Sedgwick KS	WiFi at school and work Tower proposed near home	Affidavit
29	Hackett, Lucy	EHS Injury began in college	South Bend, IN	Difficulty finishing degree Antennas close to home and family now	Affidavit
30	Danner, Ruth		Juneau AK	2 WiMax towers proposed 4 co-locators proposed at church with daycare	Affidavit
31	Bubnis, Michelle	EHS neighbor's WiFi	Austin TX	many antennas One at church can no longer attend	Affidavit
32	Zack, Corina	Concerned citizen	Arlington Heights, IL	Antenna in church across the street from home	Affidavit
33	Reilly, Sarah	MCS EHS	Fairfax, CA	Has to move often 2003 WiFi brought it on	Affidavit
34	Frumberg, Maria	EHS Dr. Rea :letter	Plano, TX	Had to drop wireless TV access Letter from city shows no concern about WiFi	Affidavit
35	Ordogne, Kimberly	EHS	Plano, TX	Had to leave home Citywide WiFi No sympathy from city	Affidavit
36	Feudale, Elizabeth	MCS EHS Allergies immune problems	Allentown, PA	Cell towers nearby cannot tolerate home electronics	Affidavit
37	Olson, Veronica	Concerned parent	Plano, Texas	Concerned about citywide WiFi exposure to children	Affidavit
38	Hillman, Howard	Concerned citizen	Plano, Texas	Concerned about citywide WiFi exposure to children and immune-compromised people	Affidavit
39	Flynn, Angela	EHS came at job training near	Bethesda, MD	Moved to ease exposure EHS symptoms are Sleep muscle aches cognition	Affidavit

		antennas			
40	Lizik, Kyrie	EHS	Washington County WI	Smart meter aggravates Cannot use library – WiFi	Affidavit
41	Barris, Elizabeth	EHS documentary film maker	Santa Monica CA	Airport exposure an issue Must travel for work	Affidavit
42	Avola, JeanMarie	Concerned parent	Stoneham MA	Cell towers and WiFi in and near children’s schools	Affidavit
43	Kelley, Elizabeth	Bioelectromagnetics Society member	Tucson ARIZ	Cell towers and WiFi in neighborhood Son’s school has WiFi	Affidavit
44	Boca Raton, Florida	States of Colorado and Connecticut, Los Angeles County	Portland, Oregon Los Angeles public school district	<b>US states and municipalities are calling for revision of Section 704</b>	Proclamations and Resolutions
45	National Academies of Science	January 2008 Report		<i>Identification of Research Needs Relating to Potential Biological or Adverse Health Effects of Wireless Communication Devices (NAS Report)</i>	Research base inadequate for today’s exposures
46	FDA nominates RF	To National Toxicology Program		Radiofrequency Radiation Emissions of Wireless Communication Devices	Research does not address typical RF exposures
47		NTP 2005 Fact Sheet on RF research	US federal government	Underscores inadequacy of research upon which US RF safety limits are based	
48	Carpenter, MD, Sage, Cindy	<b><i>The BioInitiative Report</i></b>	<a href="http://www.bioinitiative.org">www.bioinitiative.org</a>	<i>A Rationale for a Biologically-based Public Exposure Standard for Electromagnetic Fields (ELF and RF)</i>	On-line meta-analysis of EMR research
49 & 50	Carpenter and Sage	<b><i>Reviews in Environmental Health</i></b>	Peer-reviewed Scientific journal	<i>“Setting Prudent Health Policy for Electromagnetic Exposures”</i>	Journal article
51	Horst Eger, Klaus Uwe Hagen, Birgitt Lucas, Peter Vogel, and Helmut Voit	<i>Umwelt·Medizin·Gesellschaft</i> 17,4 2004,	Research requested by German federal government	“The Influence of Being Physically Near to a Cell Phone Transmission Mast on the Incidence of Cancer”	Peer-reviewed Journal article
52	Carpenter	Amicus brief and	Review research	warn of the potential health consequences for	

	Olden Grigoriev Havas	statements on RF radiation and school children	and existing EMR safety limits	many students and staff if wireless technologies are deployed in their workplaces.	
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**To: Michael Copps, Acting FCC Chairman**

**Subject: Comment for Notice of Inquiry - A National Broadband Policy for our Future,  
GN Docket No. 09-51**

**From: Donald Hillman, East Lansing, Michigan**

**AFFIDAVIT OF DR. DONALD HILLMAN**

**Donald Hillman, having been duly sworn, states as follows:**

- 1. I am a Professor Emeritus at Michigan State University.**
- 2. I hold a Ph.D. in the Michigan State University Department of Animal Science.**
- 3. My career experience includes 60 years of work in the area of dairy animal science.**
- 4. I have studied the relationship of step potential electric current to milk production on dairy farms in Michigan, Wisconsin, Minnesota and Virginia since 1982.**
- 5. I learned that electric and magnetic fields (EMF) inhibited milk production of dairy cattle as reported by Appleman et al. in USDA-ARS Publication 696, 1991, section-page 3-16 and 3-17.**
- 6. Further, electropathic stress proliferated impairment of animal health resulting in financial losses to dairymen averaging \$2,629 per cow per year during the period of exposure to uncontrolled electricity commonly called stray voltage.**
- 7. Further, the decreases of milk production on low-voltage farms were positively correlated with powerline harmonic and radiofrequency currents.**
- 8. The voltages that were causing damage to dairy cattle were below the 1-Volt threshold erroneously considered safe by utility experts.**
- 9. Secondly, I measured electric and magnetic fields: milligauss, current, and frequencies of voltage from the neutral-to-ground wire of a Nextel cellular telephone**

**EXHIBIT 3**

**relay station mounted on and under the East Lansing City water tank, as permitted by the Federal Communications Act of 1996.**

- 10. Radiofrequency currents were recorded from the ground wire that was bonded to the city water system and transferred onto water pipes bonded to the ground wire in our home and the homes of ten neighbors.**
- 11. Utility engineers from Lansing Board of Water and Light confirmed my measurements, recorded the magnetic field radiated from the ground wire into the living room of our home for 24-hour periods on two occasions.**
- 12. The magnetic field range from 0-320 mG and averaged 97 milliGauss (standard deviation 37.9 mG).**
- 13. During five test experiments, while I was sitting on the sofa in our living room, my heart rate and blood pressure increased linearly as the magnetic field (mG) in the room, and radiated current (amperes) increased as recorded with ammeter from my body acting as antenna.**
- 14. Our findings concur with reports of radiated electrical energy resulting in cardiovascular effects on humans and animals found in some 25 credible bioelectric and medical journals. A full report is available at your request.**
- 15. The Federal Communications Act of 1996 and local promoters of the cell-phone tower failed to disclose that EMF generated by AC/DC switch mode devices from cellular telephone towers appear on the neutral wires and radiate into homes, schools, and workplaces .**

- 16. Four residents living within 100 meters of the cell-phone tower in our neighborhood have arrhythmic hearts, two have pacemakers, and one has a defibrillator attached to his heart, while another suffers from nonHodgkins lymphoma; not coincidental.**
- 17. Electromagnetic contamination of the living environment from electronic devices may account for the increased hypertension of citizens at every age from 20-85 years, with unknown cause as reported by the American Heart Association.**
- 18. Further investigations must consider neuroendocrine effects of EMF on secretions of all glands that control physiological functions of human and animal bodies.**
- 19. The permeability of biological tissue, (e.g. cattle and humans) to magnetic fields is essentially the same as air; therefore, assumptions of resistance based on specific absorption rate (SAR) of a gram of fat have little relevance for estimating the effects of electromagnetic fields on the health of living specimen.**
- 20. I recommend that the FCC reevaluate effects of exposure to uncontrolled radiofrequency currents from all sources on human and animal health before promoting or permitting any further wireless EMF saturation of the living environment.**
- 21. Federal Communication Commissioners must weigh the cost of radiofrequency electropathic stress to human suffering, additional medical and hospital insurance cost, and damage to the animal industry economy versus further uncontrolled expansion of Broadband until the financially vested interests have proven the safety of the product they wish to impose on an unsuspecting public.**
- 22. I personally observed and was involved in such Tests and Measurements as set forth above.**





9. The undersigned hereby designate The EMR Policy Institute to speak on my behalf on this FCC proceeding for the purpose of defending our rights to be safe in our own home, in our schools and our workplaces and neighborhoods from the invasion into our home, schools and workplaces of signals that may cause harm to us.

16. I ask that the FCC accept this affidavit and the attached exhibits into evidence for consideration under FCC 09-31, A National Broadband Plan for Our Future, as it is material evidence of the existence of signals to which I am subject, yet without proper standards based on current science.

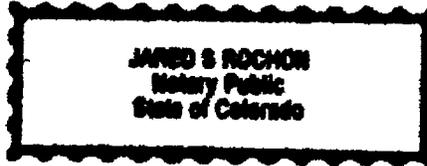
Sworn to before me

Lisa Tully  
Lisa Tully

Lisa Tully

This 2 day of June, 2009

Jared S. Rochon  
Notary Public



exp 1/16: 08-28-2012

AFFIDAVIT OF JOHN BERTEL SCHOU

State of Iowa                    ]  
  ]    ss.  
County of Black Hawk    ]

**JOHN BERTEL SCHOU** being duly sworn deposes and says:

1.    **My name is John Bertel Schou. I currently live at 6117 and 6621 West Ridgeway Avenue in Cedar Falls, Iowa 50613 with the latter being the farm address. My mailing address is P.O. Box 249, Cedar Falls, Iowa 50613.**
2.    **I have been in Cedar Falls, Iowa for 29 years, prior to which I lived in St. Louis, Missouri.**
3.    **My home is at 6117 West Ridgeway Avenue, Cedar Falls, Iowa. Our (my wife and myself) farm/business is located at 6621 West Ridgeway Avenue, Cedar Falls, Iowa where I both live and work and do research on the environment and especially on crop responses to treatments imposed on the soil and crops.**
4.    **I am a research scientist with a doctorate in crops and soils known as agronomy from Michigan State University in or about 1973 and subsequently worked on a postdoctorate at Ohio State University at Wooster, Ohio for two years prior to working with Monsanto for five years in St. Louis, Missouri. I was a senior research scientist at Monsanto with field research on plant growth regulators at the corporate office in Creve Couer, Missouri.**
5.    **While at Ohio State University my research was in the lab and field and dealt with carbon dioxide effects and plant growth regulator effects on soybeans. My doctorate work at Michigan State had been on the effects of several fertilizers on leaf and soil nitrate levels and included work with N15 materials that were analyzed on gas chromatographs and mass spectrometers.**
6.    **I was in the medical corps with the United States Army and was trained at Fort Sam Houston, Texas and later taught in the Army Reserves Chemical- Biological- Radiological courses in Michigan and elsewhere.**
7.    **Research conducted at ACRES – agricultural custom research and environmental studies has involved radiolabel work and testing for yields of crops as influenced by various fertilizer, herbicide, and growth regulator treatments including tillage and planting systems.**

EXHIBIT 5

8. Since the realization that my wife Diane was able to detect and was influenced by radio frequencies even below detectable as well as detectable limits on meters we own and other meters we have worked with I have been aware of radio frequencies and electrical fields in our environment and studied their origins.
9. My personal symptoms which I am attributing to changes in the environment especially radio frequencies and electrical fields or similar are based on epidemiological approaches which are associating symptoms with environments. Conditions which I have and continue to associate with these conditions and for which I am working on studies to measure glucose level changes in myself. Conditions include: sleep disorder (apnea) which I have, eye floaters which come and go and especially go when out of the environments with radio frequencies, hair growth which also proliferates outside the radio frequency environments, and tinnitus (ringing in the ears) which also abates when out of higher level radio frequency environments. Measuring glucose levels in my system and especially the blood has shown higher levels around higher electrical environments.
10. I have seen Diane in a remote, low-level electrical environment in Nicaragua on the island of Ometepe where she responded with increased glucose sugar levels when close to a measured electrical field and this occurrence was repeated like five times. Her glucose sugar levels varied from 120 in low conditions to 160 in higher electrical environments. Insects also avoided these electrical fields as well. The fields were measured with meters we had and were in volts/meter square. I do not remember the readings as this was approximately four years ago while we were still new and studying the conditions she experienced.
11. I notice more frequently now the effects on AM radio in many areas where electrical fields illustrate the effects from power lines or other electrical sources.
12. It is logical from a scientist's view (my majors and minors were biochemistry and plant physiology and agronomy with approximately 60 hours of chemistry) that different people can react in many different ways as biological systems respond to low level effects of chemicals or electrical fields.
13. For safety from radio frequency fields it is recommended by me to go to buried cable and fiber optical systems which provide efficiencies, security, and protection from elements of the environment on the systems themselves.
14. I have missed living with my wife while I need to work in Iowa for an income on our research operations there and my wife needs to be protected and lives in the radio quiet zone of West Virginia. This separation for a major part of the year does affect our lives in many ways and causes hardships when we need to work together on projects and be together for social and personal companionship.
15. My concerns are that exposure levels are far too high and everyone is affected and only those with sensitized systems are showing the most visible effects now. In

other words they are the canaries in the coal mine showing the first visible symptoms of major problems for all. Scientists have warned it can be far worse than asbestos or smoking.

- 16. I recommend that measurements be made of intensities of electromagnetic and electrical fields and radio frequency information be made available through more use of meters and trained personnel that can associate the problems with the conditions in environments. The number and intensities of radio frequencies are increasing and pose challenges. If we as a society can help to improve people's lives the efforts are worth the investment of time and energy.
- 17. The proven method of removing many of the symptoms has been to remove the person from the conditions or turn off the source of the problem. This is not a welcome alternative to the communications, military, and power industries, but should be weighed in the balance of overall costs to the society. A balance should be able to be found and the effects are known to be real by all of the above groups. People who have symptoms need safe areas to retreat to and live in.
- 18. The FCC can and should be more proactive and do much more than sending out brochures, registering tower sites and ham radio operators, and holding meetings.
- 19. We understand that the EMR Policy Institute is preparing comments to submit in the current Federal Communication Commission proceeding to develop the policy for providing high-speed internet service throughout the country – FCC 09-31. A National Broadband Plan for Our Future.
- 20. The undersigned and all the persons in our household hereby designate The EMR Policy Institute to speak on our behalf on this FCC proceeding for the purpose of defending our rights to be safe in our own home, in our schools and in our workplaces and neighborhoods from the invasion into our home, schools and workplaces of signals that may cause harm to us, because the FCC's current RF exposure guidelines are inadequate in light of the findings of current science.
- 21. I ask that the FCC accept this affidavit and any attached exhibits into evidence for consideration under FCC 09-31, A National Broadband Plan for Our Future, as it is material evidence of the existence of signals to which my family and I are subject, yet without proper standards based on current science.

*John Bertel Schou*  
 John Bertel Schou

Sworn to before me  
 This 4 day of June, 2009

*Angela Farley* \_\_\_\_\_

Notary Public

