



St. Charles
MEDICAL CENTER

2500 NE Neff Road
Bend, Oregon 97701-6015
Telephone (503) 382-4321

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December 18, 1996

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Office of the Secretary
Federal Communications Commission
Room 222
1919 M Street, NW
Washington, DC 20554

RE: CC Docket No. 96-45

Attached are comments regarding the Integrated Media Conferencing Network at St. Charles Medical Center, Bend, Oregon. I have enclosed the original plus four copies as instructed.

Any questions, please contact me at 541-388-7720. My fax number is 541-383-6815.

Mike Severns

Michael B. Severns, SASHE
Director, Facility/Technology Services

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attachments

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Questions to Address:

1. Name of project:

Integrated Media Conferencing Network, St. Charles Medical Center

2. Please list each of the project's sites:

Name of Site:	State in which it is located:
<u>Harney District Hospital</u>	<u>Burns, Oregon</u>
<u>Lakeview District Hospital</u>	<u>Lakeview, Oregon</u>
<u>Blue Mountain Hospital</u>	<u>John Day, Oregon</u>
<u>Pioneer Memorial Hospital</u>	<u>Prineville, Oregon</u>
<u>Mountain View Hospital</u>	<u>Madras, Oregon</u>
<u>Central Oregon District Hospital</u>	<u>Redmond, Oregon</u>
<u>St. Charles Medical Center</u>	<u>Bend, Oregon</u>

Please answer the following questions for each of your sites. Use additional sheets if necessary.

3. What is the nearest city of population equal to or greater than 50,00 in your state, and approximately how far are you from its boundary?

City: Portland, Oregon Distance from city boundary: 175 miles

4. Name of the project's telecommunications service provider:

U. S. West and PTI

5. Level of telecommunications service the project is currently using: (For example, voice grade, 144 Kbps (ISDN), 384 Kbps, T-1 or equivalent)

T-1 768 Kbps

6. Charges for telecommunications service:

Is there a monthly charge? No Yes

If yes, how much is the charge? Approx. \$7,000 currently, will be \$4,000 to \$6,000 per month when complete

Is there a usage-based charge? No Yes

If yes, how much is the charge? not as of this date

Is there a distance component (such as a per-mile fee) of the charge? No Yes

If yes, how much is the charge? monthly

Was there an installation fee? No Yes

If yes, how much was the charge? \$1,500 so far, \$6,500 when complete

Is the charge the regular tarrified rate, or is there a discount from the telecommunications provider? Tarrified Discount

If there is a discount, how much is it? _____

7. How does the project use telecommunications in the delivery of health care? (For example -- to send x-rays, distribute public health information, or perform video consultations. Please identify any occasional or episodic uses, such as might result from an outbreak of disease.)

Our current telemedicine capabilities enable us to send x-rays and also an EKG network. When Phase I is implemented in Jan. 97, it will link St. Charles Medical Center, (a regional referral center) to Central Oregon District Hospital and also an ISDN line which will enable global connectivity. Phase II, when complete, will connect five other health facilities and communities in central and eastern Oregon. This network will offer the following capabilities:

Telemedicine, Teleconferencing, Computer Conferencing, Document Conferencing
All aspects of telemedicine will be developed and implemented.

8. Could the project provide the services it is currently providing with less bandwidth? What effect would a lesser level of bandwidth have? (The implications of using greater or lesser levels of telecommunications services are related to image transmission time. What would the be the impact if the health care activities for which you now use telecommunications took twice as long, or if they could be completed in half the time?)

Telemedicine relies on quality of image and, many times, the speed at which information can be received. Also anything less than 30 frames per second is not conducive to good medical care acceptable for medical visitations and consultations.

9. What would the implications of having a greater level of bandwidth be?

Diagnostic quality, customer satisfaction (both patient and physician)
Higher usage of the technology, more efficient use when transmission speed is greater.

10. Do you have e-mail? No Yes

11. Do you have Internet access? No Yes

If yes, do you incur long-distance charges by using it?

No Yes

Please estimate your number of hours of Internet use per month:

30 + hours

12. If you have access to the Internet, please list any purposes other than e-mail (such as accessing databases such as Lexis/Nexis) for which you use it:

Research for grant information, research various topics, research codes and standards as related to healthcare and telemed issues.

RRC FAX DISTRIBUTION LIST

<u>NAME</u>	<u>HOSPITAL</u>	<u>FAX NUMBER</u>
John A. McVeety	Alpena General Hospital	517/356-7305
Stan Mitchell	Asbury-Salina Regional Med. Ctr.	913/452-6963
T. V. Nuckols	Baxter County Regional Hospital	501/424-2444
Tim Salisbury	Bay Area Hospital	541/267-7057
James E. Waterkotte	Blessing Hospital	217/223-6891
James F. Lyons	Cape Cod Hospital	508/790-3532
Bonnie H. Howell	Cayuga Medical Center at Ithaca	607/274-4527
Edward A. Andersen	CGH Medical Center	815/625-4825
Arthur W. Nichols	Cheshire Medical Center	603/355-2010
Deborah Anderst	Columbus Regional Hospital	812/376-5931
Robert Schmelter	Community Hospital of Ottawa	815/433-6523
Grant M. Winn	Community Medical Center, Inc.	406/728-0989
John Satterfield, Jr.	Craven Regional Medical Center	919/633-8939
L. Steven Wilson	Dixie Regional Medical Center	801/634-4002
Ken Robinson	East Alabama Medical Center	334/705-1580
Gerald Polley	Freeport Memorial Hospital	815/235-0750
Robert Stolba	Galesburg Cottage Hospital	309/343-2393
James H. Croy	Good Samaritan Hospital	812/885-3976
B. Luke/B. Hendrickson	Good Samaritan Hospital	308/865-2913
Richard Huntington	Good Samaritan Regional Health Ctr.	618/242-3196
Bob M. Baker	Gratiot Community Hospital	517/463-6948
M.E. Gilstrap	Halifax Memorial Hospital	919/535-8466
Stewart R. Nelson	Halifax Regional Hospital	804/575-3459
Gary L. Howard	Hamilton Medical Center	706/272-6110
Steve Robstrom/S. Unruh	Hays Medical Center	913/623-5112
Gene E. Schmidt	Hutchinson Hospital Corporation	316/669-4212
Gary Frye	Jane Phillips Episcopal Mem. Med. Ctr.	918/333-1345
Sherry Abel	Kalispell Regional Hospital	406/756-2703
Tom Legel	Kootenai Medical Center	208/666-3299
Paul L. Usher	Marion General Hospital	317/662-4564
Donald P. Grisham	Marquette General Hospital	906/225-3800
William R. Walter	Maury Regional Hospital	615/540-4160
Harry L. Hutchison	Medical Center of South Arkansas	501/864-0106
Kim Johnson/Gary Whatley	Memorial Health System of East Texas	409/639-7004
Dave Arnold	Merle West Corporation	541/883-3534
Larry Woodruff	Merle West Corporation	541/885-6725
Fred Kagarise	MidMichigan Regional Med. Ctr.	517/839-1399
J. Rockwood/R. Cerny	Munson Healthcare	616/935-6548
Richard Harwell	Navarro Regional Hospital	903/872-8384
Joe LeValley	North Iowa Mercy Health Center	515/421-6495
J. Wendling/J. Worden	Northern Michigan Hospital	616/348-4552

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Mary G. Gunn	Pokono Medical Center	717/476-3478
H. K. Reynolds, Jr.	Regional Medical Center	502/825-5204
David M. Nitschke	Regional West Medical Center	308/630-1815
Bob Jones	Rutherford Hospital	704/286-5207
Wesley D. Hrynchuk	Rutland Regional Medical Center	802/747-1884
Michael Healy	Sacred Heart Hospital	605/665-0170
M. Gloor/D. McElligott	Saint Francis Medical Center	308/389-5589
M. Schmidt/J. Skadden	Saint Joseph's Hospital	715/387-8601
Steven C. Sinclair	Samaritan Medical Center	315/785-5761
Gene Leblond, FACHE	Sarah Bush Lincoln Health Center	217/258-2111
C. Thomas Collier	Sierra Nevada Memorial Hospital	916/274-6614
C. Thomas Johnson, III	Southeastern Regional Medical Center	910/671-5200
Jerry A. Hickam	Southern Illinois Hospital Services	618/549-7522
Roger J. Highland	St. Charles Medical Center	541/388-7723
Geoff Durst	St. Luke's Midland Regional Med. Ctr.	605/622-5127
Marc Splittgerber	St. Mary's Hospital & Med. Ctr.	970/244-2891
Rocky Hill	United Samaritans Medical Center	217/443-1965
Michael E. Schrader	Wyoming Medical Center	307/237-1703