## **Manti Telephone Company**

Docket 13-046-01 Exhibit CH 1

**Proxy Group: Rural LECs** 

Value	Stock Market	10-Year	T-Bond	CAPM
	Market	10 Voor		
1 !		10-1691	Premium	Cost of
Line	Returns	Treasury	Over T-BII	Equity
ibol Beta	1926-2012 <sup>1</sup>	Rate <sup>2</sup>	1928-2012 <sup>3</sup>	Capital
0.55	11.80%	2.84%	1.77%	6.97%
0.80	11.80%	2.84%	1.77%	9.65%
0.65	11.80%	2.84%	1.77%	8.04%
0.90	11.80%	2.84%	1.77%	10.73%
1.05	11.80%	2.84%	1.77%	12.34%
1.45	11.80%	2.84%	1.77%	16.63%
0.90	11.80%	2.84%	1.77%	10.73%
0.90	11.80%	2.84%	1.77%	10.73%
0.85	11.80%	2.84%	1.77%	10.19%
10 67%	6	Median COF		10.73%
		Wicalail COL		
3.817	<b>=</b>		=	3.81%
14.48%	6			14.54%
	0.55 0.80 0.65 0.90 1.05 1.45 0.90 0.90 0.85	nbol Beta 1926-2012 <sup>1</sup> 0.55 11.80%   0.80 11.80%   0.65 11.80%   0.90 11.80%   1.05 11.80%   1.45 11.80%   0.90 11.80%   0.90 11.80%   0.85 11.80%	nbol Beta 1926-2012 <sup>1</sup> Rate <sup>2</sup> 0.55 11.80% 2.84%   0.80 11.80% 2.84%   0.65 11.80% 2.84%   0.90 11.80% 2.84%   1.05 11.80% 2.84%   1.45 11.80% 2.84%   0.90 11.80% 2.84%   0.90 11.80% 2.84%   0.85 11.80% 2.84%   10.67% Median COE   3.81% Median COE	nbol Beta 1926-2012 <sup>1</sup> Rate <sup>2</sup> 1928-2012 <sup>3</sup> 0.55 11.80% 2.84% 1.77%   0.80 11.80% 2.84% 1.77%   0.65 11.80% 2.84% 1.77%   0.90 11.80% 2.84% 1.77%   1.45 11.80% 2.84% 1.77%   0.90 11.80% 2.84% 1.77%   0.90 11.80% 2.84% 1.77%   0.85 11.80% 2.84% 1.77%   0.85 11.80% 2.84% 1.77%   Median COE   3.81% Median COE

<sup>&</sup>lt;sup>1</sup>2013 Ibbotson SBBI Risk Premia Over Time Report, Estimates for 1926-2012, p. 6

<sup>&</sup>lt;sup>2</sup>Economic Research, Federal Reserve Bank of St. Louis, December 4, 2013

<sup>&</sup>lt;sup>3</sup>Damodaran on Valuation - 2nd Edition, Summary of Historical Returns on Stocks, T.Bonds, T.Bills since 1928

 $<sup>^4</sup>$ 2013 Ibbotson SBBI Risk Premia Over Time Report, Estimates for 1926-2012, p. 7