

**Exhibit 15-S-17**  
**Summary of WTFX Measured Conductivity Data**

WTFX            610 kHz            N. Lat: 39 11 53    W. Lon: 78 13 13

All distances are in kilometers (US metric curves)  
All distances are cumulative.

Bearing	Region		Region		Region		Region	
	Cond	Dist	Cond	Dist	Cond	Dist	Cond	Dist
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12.0	1.0	4.8	3.0	16.1	2.0	34.4		
37.0	0.5	1.9	1.5	6.4	3.0	32.8		
60.0	1.0	4.0	1.5	14.5	2.5	32.5		
65.5	1.0	6.4	2.5	32.3				
68.0	1.0	3.2	2.5	29.5				
93.0	1.0	4.0	2.0	28.3				
* 125.0	1.3	3.5	1.8	30.7	1.3	62.9		
* 140.0	0.5	3.5	1.5	13.0	2.0	26.0	1.5	59.2
* 160.0	0.5	2.5	1.0	10.0	2.0	30.0	1.5	40.0
	1.0	51.5						
* 180.0	1.3	8.0	3.0	32.7	1.3	100.0	1.8	151.9
* 192.0	0.1	3.0	1.5	15.0	2.0	40.0	1.0	70.0
	0.5	100.0	1.0	153.2				
* 212.0	2.5	50.0	1.5	111.2				
* 219.5	1.0	1.3	2.0	4.8	4.0	14.5	2.8	30.4
236.0	1.0	3.7	1.8	27.5				
255.0	2.0	1.6	1.5	16.1	0.8	32.8		
259.0	1.0	16.1	0.8	28.3				
* 272.0	1.0	10.0	0.1	44.6				
285.0	1.0	1.4	0.5	35.1				
318.5	1.0	4.8	1.3	25.7	0.5	32.5		
358.0	1.5	4.0	2.0	20.1	1.5	33.5		

Measurements from WTFX Proof of Performance BL-19850829AG

\* - New WVBE Measurements 2004 - 2006; new bearings or  
extension of existing proof bearings.