

ARBOR RESEARCH & TRADING, INC.

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Strips Report

10/4/02

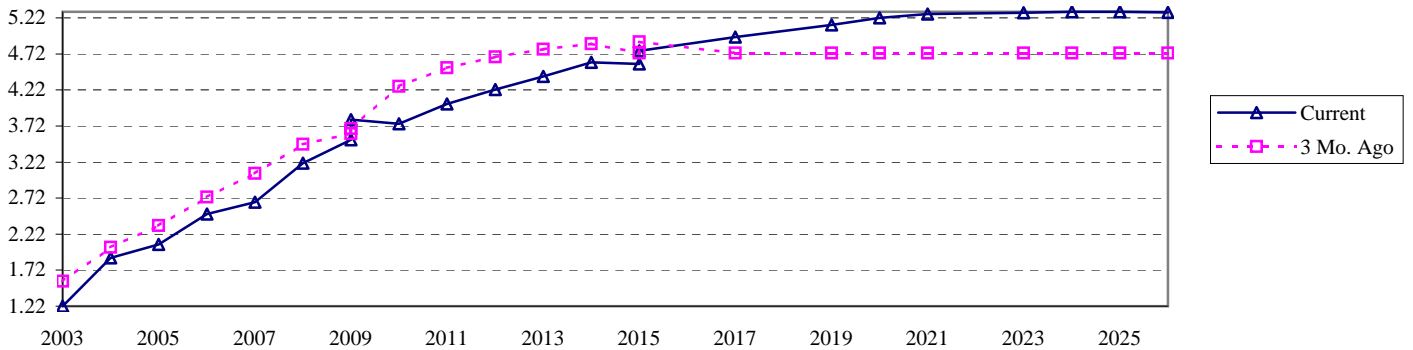
Coupon Strips vs. Duration Matched UST

| TINT | Dur. | Yield | UST | Dur. | Yield | Spread To UST | 3 Mo High | 3 Mo Low | 3 Mo Avg | Spread To Spot Rate | 3 Mo High | 3 Mo Low | 3 Mo Avg |
|---------------|-------|-------|----------------|-------|-------|---------------|-----------|----------|----------|---------------------|-----------|----------|----------|
| TINT 11/15/03 | 1.11 | 1.220 | 3.000 11/30/03 | 1.14 | 1.565 | -34.5 | -34.5 | -51.2 | -41.0 | -35.0 | -31.5 | -49.5 | -40.6 |
| TINT 11/15/04 | 2.11 | 1.890 | 6.750 05/15/05 | 2.45 | 2.035 | -14.5 | -7.2 | -24.7 | -15.6 | 5.5 | 8.0 | -1.5 | 2.9 |
| TINT 11/15/05 | 3.11 | 2.075 | 4.625 05/15/06 | 3.37 | 2.339 | -26.4 | -26.4 | -34.9 | -32.0 | -20.5 | -11.5 | -25.5 | -20.2 |
| TINT 11/15/06 | 4.11 | 2.500 | 6.125 08/15/07 | 4.32 | 2.735 | -23.5 | -21.4 | -32.7 | -26.6 | -8.0 | -5.0 | -17.0 | -11.0 |
| TINT 11/15/07 | 5.11 | 2.665 | 4.750 11/15/08 | 5.41 | 3.063 | -39.8 | -35.1 | -44.2 | -40.2 | -31.5 | -24.5 | -37.0 | -30.7 |
| TINT 11/15/08 | 6.11 | 3.205 | 5.750 08/15/10 | 6.55 | 3.468 | -26.3 | -17.8 | -27.2 | -23.4 | -8.5 | -2.0 | -20.5 | -9.5 |
| TINT 11/15/09 | 7.11 | 3.530 | 5.000 08/15/11 | 7.36 | 3.614 | -8.4 | -1.8 | -10.1 | -5.7 | -7.0 | 3.0 | -8.5 | -2.6 |
| TINT 11/15/10 | 8.11 | 3.750 | 9.875 11/15/15 | 8.75 | 4.269 | -51.9 | -32.3 | -53.4 | -43.7 | 10.5 | 13.5 | 6.5 | 9.9 |
| TINT 11/15/11 | 9.11 | 4.025 | 9.125 05/15/18 | 9.94 | 4.526 | -50.1 | -30.0 | -53.1 | -40.3 | 21.5 | 24.5 | 15.0 | 20.5 |
| TINT 11/15/12 | 10.11 | 4.225 | 8.750 08/15/20 | 10.87 | 4.680 | -45.5 | -24.2 | -48.2 | -34.7 | 17.0 | 26.5 | 12.5 | 17.9 |
| TINT 11/15/13 | 11.11 | 4.410 | 7.625 11/15/22 | 11.96 | 4.785 | -37.5 | -14.2 | -39.2 | -25.7 | 12.0 | 20.0 | 9.5 | 13.9 |
| TINT 11/15/14 | 12.11 | 4.605 | 6.875 08/15/25 | 13.09 | 4.861 | -25.6 | -5.0 | -27.9 | -15.7 | 8.5 | 10.0 | 4.5 | 7.5 |
| TINT 11/15/15 | 13.11 | 4.765 | 6.125 11/15/27 | 14.06 | 4.886 | -12.1 | 4.5 | -12.1 | -3.1 | 4.5 | 5.0 | -2.0 | 1.1 |

Principal Strip vs. Benchmark UST

| TPRN | Dur. | Yield | UST | Dur. | Yield | Spread To UST | 3 Mo High | 3 Mo Low | 3 Mo Avg | Spread To Spot Rate | 3 Mo High | 3 Mo Low | 3 Mo Avg |
|---------------|-------|-------|----------------|-------|-------|---------------|-----------|----------|----------|---------------------|-----------|----------|----------|
| TPRC 11/15/09 | 7.11 | 3.810 | 4.375 08/15/12 | 8.17 | 3.683 | 12.7 | 22.7 | 9.6 | 15.1 | 21.0 | 28.0 | 18.5 | 23.9 |
| TPRN 02/15/15 | 12.36 | 4.580 | 5.375 02/15/31 | 15.48 | 4.734 | -15.4 | 10.3 | -15.4 | -2.3 | -0.5 | 2.0 | -3.5 | -1.0 |
| TPRN 05/15/17 | 14.61 | 4.955 | 5.375 02/15/31 | 15.48 | 4.734 | 22.1 | 35.4 | 22.1 | 30.0 | 0.0 | 1.5 | -2.5 | -0.2 |
| TPRN 02/15/19 | 16.36 | 5.125 | 5.375 02/15/31 | 15.48 | 4.734 | 39.1 | 49.7 | 37.6 | 43.5 | -1.5 | 0.0 | -4.5 | -1.9 |
| TPRN 08/15/20 | 17.86 | 5.220 | 5.375 02/15/31 | 15.48 | 4.734 | 48.6 | 56.9 | 46.5 | 51.2 | -2.5 | -0.5 | -5.0 | -2.7 |
| TPRN 11/15/21 | 19.11 | 5.275 | 5.375 02/15/31 | 15.48 | 4.734 | 54.1 | 59.9 | 50.8 | 54.2 | -3.0 | -1.5 | -5.5 | -3.6 |
| TPRN 02/15/23 | 20.36 | 5.290 | 5.375 02/15/31 | 15.48 | 4.734 | 55.6 | 61.9 | 52.1 | 55.7 | -2.5 | 1.5 | -4.5 | -1.6 |
| TPRN 11/15/24 | 22.11 | 5.305 | 5.375 02/15/31 | 15.48 | 4.734 | 57.1 | 62.4 | 52.6 | 56.5 | -3.0 | 1.0 | -4.5 | -1.8 |
| TPRN 02/15/25 | 22.36 | 5.305 | 5.375 02/15/31 | 15.48 | 4.734 | 57.1 | 62.9 | 52.6 | 56.6 | -2.0 | 1.5 | -4.0 | -1.0 |
| TPRN 11/15/26 | 24.11 | 5.295 | 5.375 02/15/31 | 15.48 | 4.734 | 56.1 | 61.4 | 49.3 | 54.5 | -3.0 | 1.0 | -4.0 | -2.0 |

Tint & Principal Yield Curve



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