##### Base Course Wear Rate (BCWR), Quarterly Update

Hisham Mohamed

Jane Doherty

**Background:** In accordance with a final rule effective [July 24, 2000, F/R 65-33481], the Base Course Wear Rate (BCWR) will be updated through re-calibration and entered into the docket every quarter. The value for each current BCWR will be taken as the average of the last four calibrations. With each new quarterly calibration, the earliest (oldest) calibration value will be replaced with the latest (newest) calibration value and averaged with the three latest values.

The following are the values for the BCWR for each of the re-calibration periods along with the average for the previous calibrations as reported by the Uniform Tire Quality Grading Test Facility in San Angelo, Texas. Req. # NVS-222-5-01138.

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| **DATE:** | **BCWR Quarterly Calibration:** | **Average BCWR for Period:** |
| May 2000 | 5.443 | 6.768 |
| July 2000 | 6.338 | 6.607 |
| Sept. 2000 | 6.138 | 6.367 |
| Dec. 2000 | 7.852 | 6.442 |
| Mar. 2001 | 6.618 | 6.736 |
| June 2001 | 5.956 | 6.641 |
| Sept. 2001 | 6.886 | 6.828 |
| Dec. 2001 | 7.750 | 6.802 |
| Mar. 2002 | 6.710 | 6.826 |
| June 2002 | 6.886 | 7.058 |
| Sept. 2002 | 7.014 | 7.090 |
| Dec. 2002 | 7.391 | 7.000 |
| Mar. 2003 | 7.909 | 7.300 |
| June 2003 | 7.099 | 7.353 |
| Sept. 2003 | 7.755 | 7.538 |
| Dec. 2003 | 6.255 | 7.254 |

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| **DATE:** | **BCWR Quarterly Calibration:** | **Average BCWR for Period:** |
| Mar. 2004 | 6.641 | 6.938 |
| July 2004 | 5.795 | 6.611 |
| Oct 2004 | 6.542 | 6.308 |
| Dec.2004 | 5.351 | 6.082 |
| Mar 2005 | 5.159 | 5.712 |
| June 2005 | 5.151 | 5.550 |
| Sep 2005 | 5.335 | 5.249 |
| Dec 2005 | 5.035 | 5.170 |
| Mar. 2006 | 5.119 | 5.16 |
| June 2006 | 5.886 | 5.34 |
| Sept. 2006 | 7.200 | 5.81 |
| Jan 2007 | 6.518 | 6.181 |
| April 2007 | 6.844 | 6.612 |
| June 2007 | 6.401 | 6.741 |
| Oct. 2007 | 7.225 | 6.747 |
| Dec 2007 | 7.613 | 7.021 |
| March 2008 | 6.769 | 7.002 |
| July 2008  | 5.977 | 6.896 |
| Sept. 2008  | 6.755 | 6.779 |
| Jan 2009  | 5.663 | 6.291 |
| Mar 2009 | 5.163 | 5.890 |
| June 2009 | 6.381 | 5.991 |
| Sept 2009 | 6.929 | 6.034 |
| Nov 2009 | 6.618 | 6.273 |
| Mar 2010 | 6.535 | 6.616 |
| June 2010 | 5.909 | 6.498 |
| Sept 2010 | 5.967 | 6.257 |
| Jan 2011  | 5.626 | 6.009 |
| April 2011  | 4.598 | 5.525 |
| June 2011 | 5.133 | 5.331 |
| Sept 2011 | 5.732 | 5.273 |
| Jan 2012  | 7.345 | 5.702 |
| Mar 2012 | 7.030 | 6.310 |
| June 2012 | 7.810 | 6.979 |
| Sept 2012 | 6.964 | 7.287 |
| Jan 2013  | 8.402 | 7.552 |
| March 2013 | 7.848 | 7.756 |
| August 2013  | 7.960 | 7.794 |
| November 2013 \* | 7.718 | 7.982 |
| January 2014 | 8.160 | 7.922 |
| May 2014  | 9.177 | 8.254 |

\* This convoy was run on the newly approved alternate route.

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| **DATE:** | **BCWR Quarterly Calibration:** | **Average BCWR for Period:** |
| August 2014  | 9.476 | 8.633 |
| October 2014  | 9.341 | 9.039 |
| February 2015  | 9.502 | 9.374 |
| May 2015  | 8.911 | 9.308 |
| September 2015  | 8.058 | 8.953 |
| November 2015 | 9.550 | 9.005 |
| February 2016  | 9.043 | 8.891 |
| June 2016  | 9.500 | 9.038 |
| October 2016  | 9.164 | 9.314 |
| December 2016  | 9.481 | 9.290 |
| February 2017 | 8.090 | 9.059 |
| June 2017 | 7.556 | 8.573 |
| August 2017 | 9.640 | 8.692 |
| November 2017 | 8.932 | 8.555 |
| February 21, 2018 | 7.481 | 8.402 |
| May 10, 2018 | 8.253 | 8.577 |
| November 26, 2018  | 9.648 | 8.579 |
| December13, 2018 | 8.867 | 8.562 |
| **March 29, 2019** | **6.555** | **8.331** |
| **May 14, 2019** | **8.242** | **8.328** |

 **Memorandum**

U.S. Department

of Transportation

**National Highway**

**Traffic Safety**

**Administration**

Subject:  **INFORMATION**: Consumer Information Regulations: Date:

 Uniform Tire Quality Grading Standards (UTQGS)

49 CFR 575.104, A Current value of Base Course

Wear Rate (BCWR), NHTSA Docket Number: [NHTSA-2001-9395]

From: Jane Doherty, Director Reply to NRM-310

#### **Office of International Vehicle, Fuel Economy Attn of: Hisham Mohamed**

#### **and Consumer Standards**

To: U.S. Department of Transportation Docket

As of May 14, 2019, the current value of the Base Course Wear Rate (BCWR) for the Course Monitoring Tires (CMTs) is **8.328** as per the Uniform Tire Quality Grading Standard (UTQGS) treadwear testing procedures; the agency will update the BCWR number every three months.

cc: Claudia Covell, OVSC

###  UTQG test facility, San Angelo, TX