December 1, 2014

## Via Electronic Mail

Ms. Elizabeth M. Murphy, Secretary
U.S. Securities and Exchange Commission

100 F Street, NE
Washington, DC 20549

## RE: Pilot Report of Obvious Errors and Catastrophic Errors During Limit or Straddle States - October 2014

Dear Ms. Murphy:
The Miami International Securities Exchange, LLC ("MIAX" or the "Exchange") respectfully submits the following pilot report to the SEC and the public that includes a dataset containing the data for each Straddle and Limit State in optionable stocks found in Appendix A.

MIAX has evaluated the impact of Limit and Straddle States and assessed the impact of the operation of obvious and catastrophic error rules during such periods. MIAX observed seventeen (17) reportable activities during the month of October 2014 that would support any impact of Limit and Straddle States and the impact of the operation of obvious and catastrophic error rules.

If you have any questions or comments, please contact me at (609) 897-1466.
Sincerely,


Edward Deitzel
Executive Vice President Chief Regulatory Officer
cc: Heather Seidel
Richard Holley
David Dimitrious

## Appendix A

## Obvious and Catastrophic Errors During Limit and Straddle States

For the month of October 2014, the Exchange collected the following dataset containing the data for each Straddle and Limit State in optionable stocks.

| Stock <br> Symbol | Option Symbol | LULD Start Time | Straddle <br> Limit Indicator | Executed Volume | TW Avg MBBO Spread | TW Avg Quote Bid Size | TW Avg Quote Ask Size | High Execution Price | Low Execution Price | Trades Reviewed for Error | Price Change GT 30 PCT in LULD | Price <br> Change <br> GT 30 <br> PCT <br> After <br> LULD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GTAT | $\begin{gathered} \text { GTAT-2016-01- } \\ 15-C-3.00 \end{gathered}$ | $\begin{gathered} \text { 2014/10/06 } \\ \text { 11:15:00.868376171 } \end{gathered}$ | STRADDLE | 1 | 4.95 | 0.00 | 10.00 | 0.25 | 0.25 | N/A | 0 | 0 |
| GTAT | $\begin{aligned} & \text { GTAT-2014-12- } \\ & \text { 20-P-15.00 } \end{aligned}$ | $\begin{gathered} 2014 / 10 / 06 \\ 11: 20: 54.913600522 \end{gathered}$ | STRADDLE | 1 | 2.77 | 11.00 | 11.00 | 14.30 | 14.30 | N/A | 0 | 0 |
| GTAT | $\begin{gathered} \text { GTAT-2014-10- } \\ \text { 10-P-10.00 } \end{gathered}$ | $\begin{gathered} \text { 2014/10/06 } \\ \text { 11:30:42.872360268 } \end{gathered}$ | STRADDLE | 7 | 0.38 | 0.67 | 66.72 | 9.10 | 9.10 | N/A | 0 | 0 |
| GTAT | $\begin{gathered} \text { GTAT-2014-10- } \\ 18-P-7.00 \end{gathered}$ | $\begin{gathered} 2014 / 10 / 06 \\ 11: 30: 42.872360268 \end{gathered}$ | STRADDLE | 10 | 0.39 | 0.59 | 164.21 | 6.10 | 6.10 | N/A | 0 | 0 |
| GTAT | $\begin{aligned} & \text { GTAT-2014-10- } \\ & \text { 31-P-15.50 } \end{aligned}$ | $\begin{gathered} 2014 / 10 / 06 \\ 11: 39: 04.783373662 \end{gathered}$ | STRADDLE | 6 | 16.25 | 9.72 | 10.37 | 14.60 | 14.60 | N/A | 0 | 0 |
| ARWR | $\begin{gathered} \text { ARWR-2014-10- } \\ 18-\mathrm{P}-7.00 \end{gathered}$ | $\begin{gathered} 2014 / 10 / 08 \\ 10: 27: 15.925734983 \end{gathered}$ | STRADDLE | 20 | 4.79 | 0.00 | 10.10 | 0.10 | 0.10 | N/A | 0 | 0 |
| ARWR | $\begin{gathered} \text { ARWR-2014-10- } \\ 18-C-14.00 \end{gathered}$ | $\begin{gathered} \text { 2014/10/08 } \\ 10: 41: 53.422736378 \end{gathered}$ | STRADDLE | 2 | 0.15 | 0.00 | 10.00 | 0.10 | 0.10 | N/A | 1 | 0 |
| ARWR | $\begin{gathered} \text { ARWR-2014-10- } \\ \text { 18-C-13.00 } \end{gathered}$ | $\begin{gathered} 2014 / 10 / 08 \\ 10: 49: 01.652157642 \end{gathered}$ | LIMIT | 4 | 4.99 | 0.00 | 10.00 | 0.05 | 0.05 | N/A | 1 | 0 |
| ARWR | $\begin{aligned} & \text { ARWR-2014-11- } \\ & 22-C-20.00 \end{aligned}$ | $\begin{gathered} 2014 / 10 / 08 \\ 10: 58: 53.083731453 \end{gathered}$ | STRADDLE | 13 | 0.23 | 8.58 | 10.00 | 0.20 | 0.20 | N/A | 0 | 1 |
| JCP | $\begin{gathered} \text { JCP-2015-01-17- } \\ \text { C-10.00 } \end{gathered}$ | $\begin{gathered} \text { 2014/10/08 } \\ \text { 11:00:01.981947275 } \end{gathered}$ | LIMIT | 10 | 0.46 | 4.58 | 10.03 | 0.50 | 0.50 | N/A | 0 | 0 |


| Stock Symbol | Option Symbol | LULD Start Time | Straddle Indicator | Executed Volume | TW Avg MBBO Spread | TW Avg Quote Bid Size | TW Avg Quote Ask Size | High Execution Price | Low Execution Price | Trades Reviewed for Error | Price Change GT 30 PCT in LULD | Price Change GT 30 PCT After LULD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| JCP | $\begin{gathered} \text { JCP-2014-10-18- } \\ \text { C-8.50 } \end{gathered}$ | $\begin{gathered} 2014 / 10 / 08 \\ 11: 00: 04.101316918 \end{gathered}$ | STRADDLE | 2 | 4.62 | 6.91 | 10.50 | 0.56 | 0.56 | N/A | 0 | 0 |
| GPRO | $\begin{gathered} \text { GPRO-2014-10- } \\ 18-P-65.00 \end{gathered}$ | $\begin{gathered} 2014 / 10 / 13 \\ 09: 56: 09.247493443 \end{gathered}$ | STRADDLE | 30 | 1.00 | 1.74 | 18.71 | 0.70 | 0.70 | N/A | 0 | 0 |
| GPRO | $\begin{aligned} & \text { GPRO-2016-01- } \\ & 15-C-85.00 \end{aligned}$ | $\begin{gathered} 2014 / 10 / 13 \\ 09: 56: 09.247493443 \end{gathered}$ | STRADDLE | 1 | 4.26 | 10.00 | 10.00 | 10.00 | 10.00 | N/A | 0 | 0 |
| OCN | $\begin{gathered} \text { OCN-2015-01- } \\ 17-\mathrm{P}-17.50 \end{gathered}$ | $\begin{gathered} 2014 / 10 / 21 \\ 12: 37: 31.006537175 \end{gathered}$ | STRADDLE | 2 | 0.35 | 0.26 | 10.02 | 1.30 | 1.30 | N/A | 0 | 0 |
| OCN | $\begin{gathered} \text { OCN-2015-01- } \\ \text { 17-P-15.00 } \end{gathered}$ | $\begin{gathered} 2014 / 10 / 21 \\ 12: 49: 44.765719975 \end{gathered}$ | STRADDLE | 22 | 0.27 | 0.50 | 10.15 | 0.90 | 0.90 | N/A | 0 | 0 |
| OCN | $\begin{aligned} & \text { OCN-2014-11- } \\ & 22-C-25.00 \end{aligned}$ | $\begin{gathered} 2014 / 10 / 21 \\ 12: 50: 35.326274384 \end{gathered}$ | STRADDLE | 35 | 0.53 | 9.87 | 10.05 | 0.40 | 0.40 | N/A | 0 | 1 |
| CLF | $\begin{gathered} \text { CLF-2014-11-22- } \\ \text { C-9.00 } \end{gathered}$ | $\begin{gathered} \hline 2014 / 10 / 28 \\ 10: 56: 10.434669181 \end{gathered}$ | STRADDLE | 1 | 0.27 | 9.20 | 10.00 | 1.47 | 1.47 | N/A | 1 | 1 |

