

MIAX PEARL Appendix A

Obvious and Catastrophic Errors During Limit and Straddle States

For the month of January 2018, the MIAX PEARL Exchange collected the following dataset containing the data for each Straddle and Limit State in optionable stocks.

| Stock Symbol | Option Symbol | Trade Date | LULD Start Time | Straddle 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 Change GT 30 PCT After LULD |
|--------------|-------------------------|------------|-----------------|--------------------------|-----------------|--------------------|-----------------------|-----------------------|----------------------|---------------------|---------------------------|--------------------------------|-----------------------------------|
| AKAM | AKAM-2018-01-26-C-66.00 | 1/9/2018 | 03:09:44 PM | STRADDLE | 1 | 3.30 | 0.00 | 0.00 | 3.30 | 3.30 | N/A | 0 | 0 |