



Fact Sheet: Quantum Dawn 2, July 18, 2013

Goal: The financial industry takes the issue of cyber security very seriously and is proactively working to mitigate this threat. SIFMA is holding the Quantum Dawn 2 exercise to enable both individual firms and the sector as a whole to test their response plans in order to maintain effective and orderly markets and protect clients in the event of a systemic attack.

Exercise Background:

- Quantum Dawn 2 was coordinated by SIFMA, utilizing service provider Cyber Strategies,¹ a division of NUARI (Norwich University Applied Research Institutes).
- Over 500 individuals from approximately 50 entities participated. Participating entities included financial companies of all sizes, exchanges, utilities, U.S. Department of the Treasury, Securities & Exchange Commission, Department of Homeland Security, and Federal Bureau of Investigation.
- Quantum Dawn 2 was not a pass/fail systems test but rather an opportunity for organizations to exercise their crisis response and communications plans in the event of a systemic cyber attack.
- This was a “closed loop” simulation – no real systems were impacted.
- This one-day exercise simulated a multi-day period where companies had to contend with three major types of attacks. Firms participated from their own locations to ensure a realistic experience.
- Participation in Quantum Dawn 2 is almost double that of the first exercise. (SIFMA was a participant in the first exercise.) More information on both exercises is available here: <http://www.sifma.org/services/bcp/cybersecurity-exercise--quantum-dawn-2/>

Exercise Summary:

- Quantum Dawn 2 simulated a series of systemic cyber attacks that attempted to disrupt trading in the U.S. equities markets.
- Participants were able to run through their crisis response plans including: how they would mitigate various threats against their firm, how they would coordinate with the financial sector as a whole to share information and how they would coordinate with government agencies.
- More specific details on the simulation are open to participants only.

¹ www.cyberstrat.com / www.nuari.org



Results and Next Steps:

- The exercise was completed successfully with robust engagement from all participants. The sector came together and utilized its existing protocols, procedures and processes to effectively communicate with each other and with government partners to address the crisis and restore the markets to fair and orderly operation.
- Over the next several weeks, SIFMA and its members will analyze feedback from the exercise and work with Deloitte to prepare an After Action Report with recommendations on improving the sector response.