

# To catch a spoofer

The Department of Justice's criminal complaint against Navinder Sarao lays out a timeline of the efforts to spot and stop his "spoofing." CME Group first questioned his trading techniques in 2010. He was arrested in 2015.

9/2008-10/2009

CME Group observes Sarao placing and cancelling trades before the market opens that "appeared to have a significant impact on the Indicative Opening Price."

3/23/2010

CME Group contacts Sarao's clearing firm to alert it that Sarao had 1,613 attempted trades rejected "in the last 5 minutes."

4/27/2010

Sarao makes \$821,389 in profits using his "dynamic layering" scheme in the market for futures contracts tied to the S&P 500, known as "E-Minis."

5/6/2010

On the day of the "flash crash," Sarao makes \$879,018 in net profits using his dynamic layering, or spoofing, technique.

5/6/2010

CME sends Sarao an e-mail, saying "all orders entered on (the exchange) during the pre-opening are expected to be entered in good faith for the purpose of executing bona fide transactions."

5/25/2010

Sarao writes an e-mail to his clearing firm saying that he had "just called" the CME "and told 'em to kiss my ass."

8/4/2011

Sarao makes \$4,095,771 in net profits using the same dynamic layering scheme he used the day of the flash crash.

4/2010-4/2014

Sarao uses his dynamic layering algorithm on over 400 trading days, earning more than \$40 million in profit.

2/11/2015

Scotland Yard takes Sarao into custody after Sarao is charged in the U.S. with manipulation, attempted manipulation, wire fraud and spoofing.