

**Alternative Trading Systems with Form ATS  
on File with the SEC as of August 31, 2020**

| <b>Full Name of Alternative Trading System (as provided in item 1.A. of Form ATS)</b> | <b>Name(s) Under Which Business Is Conducted (as provided in item 1.B. of Form ATS)</b> | <b>City and State of Alternative Trading System (as provided in item 1.F. of Form ATS)</b> |
|---|---|--|
| ABE ATS   | 303 Alternatives LLC  | Chicago, IL  |
| American Ledger ATS   | American Ledger ATS LLC   | Moorpark, CA   |
| Arbor Research and Trading LLC  | Clarity BidRate Alternative Trading System  | Barrington, IL   |
| Automated Equity Finance Markets, Inc.  | AQS, EquiLend Clearing Services (ECS)   | New York, NY   |
| AX Trading, LLC   |   | New York, NY   |
| BGC Financial L.P.  |   | New York, NY   |
| BrokerTec   | BrokerTec Americas LLC  | New York, NY   |
| Coinbase Securities   |   | New York, NY   |
| Dash Financial Technologies LLC   | Dash ATS  | Chicago, IL  |
| Dealerweb, Inc.   | Dealerweb   | Jersey City, NJ  |
| Distributed Technology Markets ATS  | DTM ATS   | New York, NY   |
| EquiLend LLC  |   | New York, NY   |
| EQX LLC   |   | New York, NY   |
| FixCenter, LLC  |   | Long Island City, NY   |
| FNC AG Stock, LLC   |   | Grand Forks, ND  |
| GFI Securities LLC  | CreditMatch (LATG)  | New York, NY   |
| GFI Securities LLC  |   | New York, NY   |
| GFI Securities LLC  | FENICS Delta X (FNIX)   | New York, NY   |
| GLMX Technologies, LLC  |   | New York, NY   |
| Global OTC  | Archipelago Trading Services, Inc.  | Chicago, IL  |
| HTDonline   | Hartfield, Titus & Donnelly, LLC  | Jersey City, NJ  |
| ICAP Trading Systems  | ICAP Corporates LLC   | New York, NY   |
| ICE Bonds Securities Corporation  | ICE BondPoint   | New York, NY   |
| ICE Bonds Securities Corporation  | ICE Credit Trade  | New York, NY   |
| ICE Bonds Securities Corporation  | ICE TMC   | New York, NY   |
| IDX Markets   | IDX Markets, LLC  | New York, NY   |
| Interactive Brokers LLC   | IBKR ATS  | Greenwich, CT  |
| IOI Capital and Markets, LLC  | iownit.us   | Houston, TX  |
| KopenTech Capital Markets   |   | Los Angeles, CA  |
| Lending Club Trading Market   | Folio Investments, Inc.   | McLean, VA   |
| Liquidly IAS, LLC   |   | New York, NY   |
| Liquidnet Fixed Income ATS  |   | New York, NY   |
| MarketAxess ATS   | Live Markets  | New York, NY   |
| MBS Source eTrading, Inc.   | MBS Marketplace; MBS eTrading   | Mercer Island, WA  |
| MTS BondsPro  |   | New York, NY   |
| MuniAxis ATS  |   | Wellesley, MA  |
| Nasdaq Fixed Income   | Execution Access, LLC   | New York, NY   |

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| North Capital Private Securities Corporation     | Public Private Execution Network, PPEX or PPEX ATS  | Salt Lake City, UT |
| NPM Securities, LLC                              |   | New York, NY       |
| Openfinance Securities, LLC                      | Openfinance Securities, Openfinance, Openfinance Network, CFX Markets and Sageworks Capital | New York, NY       |
| OTC Link ECN                                     |   | New York, NY       |
| OTC Link LLC                                     | OTC Link ATS  | New York, NY       |
| REALCADRE LLC                                    |   | New York, NY       |
| The Rialto Cross                                 | Rialto Markets LLC  | New York, NY       |
| SharesPost Financial Corporation                 |   | San Francisco, CA  |
| SI Securities, LLC                               | SeedInvest  | New York, NY       |
| StartEngine Secondary                            |   | West Hollywood, CA |
| Structured Credit Connection                     |   | New York, NY       |
| Templum Markets LLC                              | Templum Markets   | New York, NY       |
| TP Trading Systems                               | Tullet Prebon Financial Services LLC  | New York, NY       |
| Tradeweb Direct LLC                              | Tradeweb Direct   | New York, NY       |
| Trumid ATS                                       |   | New York, NY       |
| tZERO ATS, LLC                                   |   | New York, NY       |
| Variable Investment Advisors, Inc. ATS (VIA-ATS) | www.AGSTOCKTRADE.COM,<br>www.LIQUIDITYMAKER.COM   | Sioux Falls, SD    |
| Zanbato ATS                                      | ZX  | Mountain View, CA  |

### Ceased Operations

| Full Name of Alternative Trading System (as provided in item 1.A. of Form ATS) | Name(s) Under Which Business Is Conducted (as provided in item 1.B. of Form ATS) | City and State of Alternative Trading System (as provided in item 1.F. of Form ATS) |
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