

RESTRICTED OCC CLEARING NUMBERS

| OCC Clearing Number | Clearing Member Contact Information | Restriction Effective Date | MIAX Options | MIAX PEARL | MIAX Emerald |
|---------------------|---|----------------------------|--------------|------------|--------------|
| 230 | BNP Paribas Securities Corp. Patrick Chi, 212.471.6524 dl.nyk_eqd_compliance@us.bnpparibas.com | 08/26/19 | X | | |
| 161 | BofA Securities Incorporated Gary Hunt, 312.234.4008 gary.hunt@baml.com | 08/15/19 | X | X | X |
| 244 | BofA Securities Incorporated Gary Hunt, 312.234.4008 gary.hunt@baml.com | 08/15/19 | X | X | X |
| 245 | BofA Securities Incorporated Gary Hunt, 312.234.4008 gary.hunt@baml.com | 08/15/19 | X | X | X |
| 275 | BofA Securities Incorporated Gary Hunt, 312.234.4008 gary.hunt@baml.com | 08/15/19 | X | X | X |
| 792 | BofA Securities Incorporated Gary Hunt, 312.234.4008 gary.hunt@baml.com | 08/15/19 | X | X | X |
| 017 | Interactive Brokers LLC ibclearingops@interactivebrokers.com | 07/18/19 | X | X | X |
| 534 | Interactive Brokers LLC ibclearingops@interactivebrokers.com | 07/18/19 | X | X | X |
| 671 | Merrill Lynch, Pierce, Fenner & Smith Incorporated Gary Hunt, 312.234.4008 gary.hunt@baml.com | 08/16/19 | X | X | X |
| 519 | Merrill Lynch Professional Clearing Corp. Mark Morrison, 646.743.1241 dg.mlpro_exchange_agreements@baml.com | 07/08/19 | X | X | X |
| 540 | Merrill Lynch Professional Clearing Corp. Mark Morrison, 646.743.1241 dg.mlpro_exchange_agreements@baml.com | 07/08/19 | X | X | X |
| 551 | Merrill Lynch Professional Clearing Corp. Mark Morrison, 646.743.1241 dg.mlpro_exchange_agreements@baml.com | 07/08/19 | X | X | X |
| 552 | Merrill Lynch Professional Clearing Corp. Mark Morrison, 646.743.1241 dg.mlpro_exchange_agreements@baml.com | 07/08/19 | X | X | X |
| 598 | Merrill Lynch Professional Clearing Corp. Mark Morrison, 646.743.1241 dg.mlpro_exchange_agreements@baml.com | 07/08/19 | X | X | X |
| 443 | Pershing, LLC Phil Muscarella, 321.249.4611 pmuscarella@pershing.com | 07/08/19 | X | X | X |