

Instrument Change

Referential Update 2017-1681 - Instrument changes effective 18 July 2017

Please be aware of the instrument changes below effective 18 July 2017:

| Name | MIC | ISIN | Symbol | CCY | Segment | Tick Table | Action |
|------------------------|------|--------------|--------|-----|---------|------------|--------|
| BANCO SANTANDER SA-RTS | XMCE | ES06139009P1 | SANDe | EUR | ES | T_0.001 | DELETE |
| SHAWBROOK GROUP PLC | XLON | GB00BWDPMF43 | SHAWI | GBX | GB | FESE2 | DELETE |

Please make all necessary changes.

Best Regards

Market Operations Team
Turquoise

Capital Markets, LSEG

Telephone +44 (0)20 7382 7676
market.operations@tradeturquoise.com

10 Paternoster Square, London, EC4M 7LS

www.tradeturquoise.com

