

To: Trading Permit Holders
From: API Group
Date: July 9, 2010
RE: C2 Connectivity Information

Information Circular C2-IC10-01

C2 – New CBOE Exchange:

CBOE Holdings will be launching its new, fully electronic options Exchange (“C2”) in the 4th quarter of 2010. C2 will utilize the flexibility and scalability of the CBOEdirect trading system used for trading by CBOE, CFE, CBSX, and OneChicago. C2 will have its own connectivity and systems architecture with the primary facility located at Equinix NY4 International Business ExchangeTM (IBX®) data center in Secaucus, NJ.

Below is key information for prospective trading permit holders who wish to establish connectivity to C2, co-locate equipment at the C2 hosting facility, and certify for the various API interfaces available on C2 for its initial launch currently planned for late October 2010.

Network Connectivity:

C2 will utilize Equinix as its hosting facility. As a carrier neutral-data center operator, Equinix is on-net for over 36 carriers and fiber providers (see Attachment A). This wide array of network service providers offers redundant diverse connections throughout the NY metropolitan area and around the world. The central location of the Equinix facility also provides very low average latencies to the major market data centers in the NY metropolitan area..

Firms may choose to either connect directly to the C2 routers at Equinix NY4 or through an Extranet. Direct connections are done with copper, multi-mode or single mode fiber Gigabit Ethernet cross connects from firm routers in the Equinix facilities to the C2 routers. Actual bandwidth requirements vary based on the number of products being traded and market volatility. Firm routers must support the BGP routing protocol. Firms who do not choose to connect directly may connect via several service providers that offer shared Extranet connections to C2 at the Equinix facility. Extranet providers Interactive Data, Radianz Ultra, RCN, Savvis COIN, SFTI, and TNS will be available at C2 by early September, 2010.

Co-Location Facility – Equinix:

Co-location space for network equipment and firm’s applications servers will be available for C2 utilizing Equinix’s NY4 IBX® datacenter in Secaucus, NJ. Equinix has a one (1) cabinet minimum requirement. Five cabinets or above can be considered for private cages. Several power options are also available (see Attachment B).

Current Equinix customers should contact their Equinix Account Executive for information. Firms new to Equinix and interested in co-locating hardware at the C2 facility can contact **Tim Rack** from **Equinix at 312-279-1183 or email track@equinix.com**. He can provide the monthly fee for a cabinet, the one time set-up fee for a cabinet as well as the monthly cost and one time set-up fee for the different power options available.

Firms wanting less than a full cabinet for co-location can contact the following firms that provide hosting at the Equinix facility:

- IDC/7Ticks – Andy Bigane 312-896-1398 / Neil Rudden 312-896-1341
- Guavatech – Mike Pappas - 312-604-4581
- Born Capital – Derek Haworth – 312-896-0001

Contacts for Connectivity and API Certification:

The contact for setting up and coordinating network connectivity and certifying API interfaces for C2 will be the C2 API Group. Please contact them at (312) 786-7300 or email C2api@cboe.com. A network connectivity document and certification plans for the various API interfaces are also available on the CBOE web site.

API interfaces available for firms at C2 for submitting quotes and orders will be the CMi and FIX interfaces which are available at the current CBOE site. Firms electing to use the CMi interface will be required to have their CMi cas servers located at the C2 data center facility.

Other API interfaces available at C2 are the CTMi web-based browser interface for trade maintenance, CTMi RTC interface for submitting trade input and receiving trade drops, and the Market Replay Web-Based browser interface for viewing daily quote, order, and trade activity.

General Questions

Questions regarding above C2 information may be directed to Matt Danaher (312)786-8810 or email danaher@cboe.com.

Attachment A

Equinix - NY2 & NY4 IBX Data Centers

Fiber Providers and Carriers

Abovenet
AT&T
Auragan *
Bandcon *
BOB (Business Only Broadvband)
Cogent Communications
Edison Communications
Equant dba Orange
Exponential-e
FiberNet *
Frontier Communications *
GlobalCrossing
GlowPoint *
IntelliFiber *
Level(3)
Light Tower Fiber Networks *
MCI/Worldcom (Verizon Business)
Mirror Image *
Mzima Networks
Neon Optica *
nLayer
Optimum Light Path
Qwest
RCN
Reliance Golbalcom
Route Sense
SAVVIS
Sprint
TATA *
Telesonera *
Tinet
Verizon (Bell Atlantic/MCI/Worldcom)
WBS Connect
WCIX *
WV Fiber
XO

* notes NY1 POP only – IBXLink connectivity only.

Attachment B

Equinix Standard Collocation Fees

(Please note these are not C2 fees and are provided for information purposes – please contact Equinix for more information regarding the costs outlined below)

Service Type	Monthly Fee	Installation Fee
Cabinet – Standard 4 kVA power	\$1,500	\$1,500
Power		
120v/20A Primary (A-feed)	\$345.00	\$350.00
120v/20A Redundant (B-feed)	\$173.00	\$350.00
120v/30A Primary (A-feed)	\$518.00	\$350.00
120v/30A Redundant (B-feed)	\$259.00	\$350.00
208v/20A Primary (A-feed)	\$599.00	\$350.00
208v/20A Redundant (B-feed)	\$298.00	\$350.00
208v/30A Primary (A-feed)	\$897.00	\$350.00
208v/30A Redundant (B-feed)	\$449.00	\$350.00
Cross-connects		
Copper (CAT5/6. Coax)	\$225.00	\$500.00
Fiber (mm/sm)	\$325.00	\$500.00