



NOTICE TO MEMBERS

No. 2015 – 008

January 15, 2015

FINAL CONTRACT ADJUSTMENT Horizons BetaPro NYMEX Crude Oil Bull Plus ETF (HOU) Reverse Unit Split

THE FOLLOWING INFORMATION IS PREPARED FOR THE CONVENIENCE OF CANADIAN DERIVATIVES CLEARING CORPORATION (CDCC) MEMBERS AND BOURSE DE MONTRÉAL INC. (THE BOURSE) APPROVED PARTICIPANTS. THIS DOCUMENT IS AN UNOFFICIAL SUMMARY OF CERTAIN TERMS OF THE AFOREMENTIONED ADJUSTMENT. CDCC AND THE BOURSE ACCEPT NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE SUMMARY. CDCC MEMBERS AND BOURSE APPROVED PARTICIPANTS MUST ENSURE THEY HAVE REVIEWED THE DOCUMENTATION PUBLISHED BY THE ISSUERS INVOLVED IN THIS CORPORATE ACTION.

The Bourse and CDCC wish to inform you that Horizons ETFs Management (Canada) Inc. (“Horizons Canada”) will consolidate the units of Horizons BetaPro NYMEX Crude Oil Bull Plus ETF (“HOU”). The reverse unit split, on the basis of a 1 for 4 ratio, will be effective at the opening of markets on Friday, January 16, 2015.

Accounts holding a position in a regular option series (HOU) should refer to page 1-2 of this circular.

Accounts holding a position in an already adjusted option series (HOU1) should refer to page 3-4 of this circular.

Horizons BetaPro NYMEX Crude Oil Bull Plus ETF (HOU)

This section describes the adjustment that will affect exclusively the regular HOU option series. **Accounts holding already adjusted option series (HOU1) should refer to page 3-4 of this circular.**

CDCC - adjustment details:

Pursuant to Terms of Adjustment provided in Section A-902 3(iii) of the Rules of CDCC, all HOU options will be adjusted as follows:

- **EFFECTIVE DATE :** **January 16, 2015**

- **OPTIONS SYMBOL :** **HOU will become HOU2**

- **NUMBER OF CONTRACTS :** **Unchanged**
- **NEW DELIVERABLE PER CONTRACT :** **25 shares of Horizons BetaPro NYMEX Crude Oil Bull Plus ETF (HOU)**
- **MULTIPLIER :** **25**
- **POSITION AND EXERCISE LIMITS :** **The position and exercise limits for existing series will be 250,000 contracts**
The position and exercise limits for new series will be 75,000 contracts
- **STRIKE PRICES :** **Strike Prices will be multiplied by four**
- **NEW CUSIP :** **440447118**

CDCC will not accept escrow receipts on these adjusted series. Only closing transactions will be permitted on these adjusted series.

The Bourse - adjustment details:

It is important to note that on the effective date mentioned above, all open orders on this option class will not be automatically modified to reflect the consolidation and will therefore have to be re-entered into the Montreal Automated System (SAM) by the approved participants.

The existing series of HOU options class will be transferred to the HOU2 options class representing the new deliverable. Actual series that do not have open interest will not be adjusted.

| Horizons BetaPro Nymex Crude Oil Bull Plus ETF | | |
|---|-----------------------------|--------------------------|
| Symbol | Actual Strike Prices | New Strike Prices |
| HOU2 | \$2.00 | \$8.00 |
| HOU2 | \$2.50 | \$10.00 |
| HOU2 | \$3.00 | \$12.00 |
| HOU2 | \$4.00 | \$16.00 |
| HOU2 | \$5.00 | \$20.00 |
| HOU2 | \$6.00 | \$24.00 |
| HOU2 | \$7.00 | \$28.00 |

Canadian Derivatives Clearing Corporation

The Exchange Tower
 130 King Street West, 5th Floor
 Toronto, Ontario
 M5X 1J2
 Tel. : 416-367-2470

800 Victoria Square
 3rd Floor
 Montréal, Québec
 H4Z 1A9
 Tel. : 514-871-3545



Numerical Example

For an account holding a long put strike \$4.00 position and considering that HOU closing price on January 14, 2015 is \$2.25, the intrinsic value of the option contract prior to the adjustment would be:

$$\text{Intrinsic Value} = \$4.00 \times 100 - \$2.25 \times 100 = \underline{\$175}$$

After the adjustment, the intrinsic value of the option would be:

$$\begin{aligned} \text{Intrinsic Value} &= \text{Aggregate Strike Price} - \text{Aggregate Market Value (Deliverable)} \\ &= \text{New Strike Price} \times \text{New Multiplier} - \text{New Underlying Market Price} \times \text{New Share Deliverable} \\ &= \$16.00 \times 25 - \$9.00 \times 25 = \underline{\$175} \end{aligned}$$

Already Adjusted - Horizons BetaPro NYMEX Crude Oil Bull Plus ETF (HOU1)

This section describes the adjustment that will affect exclusively the adjusted HOU1 option series. **Accounts holding regular option series (HOU) should refer to page 1-2 of this circular.**

CDCC - adjustment details:

Pursuant to Terms of Adjustment provided in Sections A-902 3(iii), A-902 5(iii) and A-902 5(iv) of the Rules of CDCC, all HOU1 options will be adjusted as follows:

- **EFFECTIVE DATE :** **January 16, 2015**
- **OPTIONS SYMBOL :** **HOU1 will become HOU3**
- **NUMBER OF CONTRACTS :** **Unchanged**
- **NEW DELIVERABLE PER CONTRACT :** **- 12 shares of Horizons BetaPro NYMEX Crude Oil Bull Plus ETF (HOU)**
- A cash amount equivalent to the value of 0.5 share of HOU based on its post-consolidation closing price on Thursday, January 15, 2015.

***** PLEASE NOTE THAT THE CASH AMOUNT EQUIVALENT TO THE VALUE OF THE SHARE PORTION ELIMINATED (0.5 SHARE) WILL BE DETERMINED ON THURSDAY, JANUARY 15, 2015 AND WILL REMAIN UNCHANGED AFTER THIS DATE. *****

***** A FOLLOW-UP CIRCULAR CONTAINING THE CASH AMOUNT WILL BE ISSUED ON OR SHORTLY AFTER THE EFFECTIVE DATE OF THIS CORPORATE**



EVENT ***

- **MULTIPLIER :** 12.5
- **POSITION AND EXERCISE LIMITS :** The position and exercise limits for existing series will be **250,000 contracts**
The position and exercise limits for new series will be **75,000 contracts**
- **STRIKE PRICES :** Strike Prices will be multiplied by four
- **NEW CUSIP :** NOTACUSIP (CASH included)

CDCC will not accept escrow receipts on these adjusted series. Only closing transactions will be permitted on these adjusted series.

The Bourse - adjustment details:

It is important to note that on the effective date mentioned above, all open orders on this option class **will not be automatically modified** to reflect the consolidation and will therefore have to **be re-entered** into the Montreal Automated System (SAM) by the approved participants.

The existing series of HOU1 options class will be transferred to the HOU3 options class representing the new deliverable. Actual series that do not have open interest will not be adjusted.

| Horizons BetaPro Nymex Crude Oil Bull Plus ETF | | |
|---|-----------------------------|--------------------------|
| Symbol | Actual Strike Prices | New Strike Prices |
| HOU3 | \$6.00 | \$24.00 |
| HOU3 | \$8.00 | \$32.00 |
| HOU3 | \$10.00 | \$40.00 |
| HOU3 | \$12.00 | \$48.00 |
| HOU3 | \$14.00 | \$56.00 |
| HOU3 | \$16.00 | \$64.00 |

Numerical Example

For an account holding a long put strike \$12.00 position and considering that HOU closing price on January 14, 2015 is \$2.25, the intrinsic value of the option contract prior to the adjustment would be:

Intrinsic Value = \$12.00 x 50 - \$2.25 x 50 = **\$487.50**



After the adjustment, the adjusted closing price of HOU will be $\$2.25 \times 4 = 9.00\$$. Consequently, the cash amount equivalent to the value of 0.5 share would be $\$9 \times 0.5 = \4.50 . The intrinsic value of the option post adjustment would be:

Intrinsic Value = Aggregate Strike Price – Aggregate Market Value (Deliverable)

where

Aggregate Strike Price = New Strike Price x New Multiplier

Aggregate Market Value (Deliverable) = (New Underlying Mkt Price x New Share Deliverable) + Cash Amount

Intrinsic Value = $\$48.00 \times 12.5 - ((\$9.00 \times 12 \text{ shares}) + \$4.50) = \underline{\underline{\$487.50}}$

PLEASE ENSURE THAT ALL CLIENTS WHO HAVE EITHER LONG OR SHORT POSITIONS IN THESE OPTION CLASSES ARE ADVISED OF THIS NOTICE.

For further information, please contact Louise Leclair, Trading Systems Analyst Market Operations, Bourse de Montréal Inc. at (514) 871-3526. Clearing members may contact the CDCC Member Services Department.

Glenn Goucher
President and Chief Clearing Officer

Canadian Derivatives Clearing Corporation

The Exchange Tower
130 King Street West, 5th Floor
Toronto, Ontario
M5X 1J2
Tel. : 416-367-2470

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3rd Floor
Montréal, Québec
H4Z 1A9
Tel. : 514-871-3545

www.cdcc.ca