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# **SHB Brent Crude Oil**

**Index Rules v1.4**

Version as of 27 January 2016

## 1. Index Descriptions

The SHB Brent Crude Oil index (the “Index”) measures the return from changes in the price of futures contracts, which are rolled on a regular basis, on Brent crude oil.

The Index is the property of Svenska Handelsbanken AB (publ) (“Handelsbanken”).

## 2. Index Rules

### 2.1 Terms and definitions relating to the Index

|                                       |  |
|---------------------------------------|--|
| Business Days                         | Stockholm  |
| Calculation Date, " $t$ "             | any Scheduled Valuation Date on which no Index Disruption Event occurs; Calculation Date ( $t - 1$ ) means the preceding Calculation Date to the Calculation Date ( $t$ )              |
| Index                                 | SHB Brent Crude Oil  |
| Index Calculator                      | Handelsbanken Capital Markets  |
| Index Currency                        | US Dollar (“USD”)  |
| Index Base Date, " $t_0$ "            | 2008-11-28   |
| Index Launch Date                     | 2009-10-13   |
| Index Level, " $I_t$ "                | in respect of any Calculation Date ( $t$ ), the level of the Index calculated and announced by the Index Calculator on such date at the Valuation Time, in accordance with section 2.4 |
| Index Owner                           | Svenska Handelsbanken AB (publ)  |
| Index Sponsor                         | Svenska Handelsbanken AB (publ)  |
| Initial value of the Index, " $I_0$ " | the value of the Index was set to 500 as of the Index Base Date  |
| Scheduled Valuation Day               | any day on which the Underlying Asset Exchange is scheduled to be open for its regular trading sessions.   |
| Valuation Time                        | the time when the Current Contract Level is scheduled to be published by the Underlying Asset Exchange.  |

### 2.2 Terms and definitions relating to the Underlying Asset

|                  |   |
|------------------|---|
| Underlying Asset | the closest to maturity ICE Brent Crude futures contract (Bloomberg code ‘LCO’) in Contract Month listed on the Underlying Asset Exchange. Such future contracts are rolled periodically as described in Futures Rolling below. |
|------------------|---|

|                                    |   |
|------------------------------------|---|
| Underlying Asset Exchange          | The Intercontinental Exchange, Inc.   |
| Futures Rolling                    | The Underlying Asset futures contracts are rolled from the Current Contract into the Next Contract on the Valuation Time on each Roll Date.   |
| Roll Date                          | the fifth Scheduled Valuation Day in the Contract Month of the currently used contract (or, if such day is not a Business Day, the next following Scheduled Valuation Day that is a Business Day). In addition to this, 2016-01-27 is also a Roll Date.   |
| Current Contract "F <sup>C</sup> " | the futures contract determined on the previous Roll Date to be used for calculation of the Index Level. The Current Contract as of the Index Base Date is the December 2008 contract.  |
| Next Contract "F <sup>N</sup> "    | In relation to a Roll Date, the futures contract applicable to the next following Contract Month. A futures contract is deemed to be applicable to a Contract Month if the first occurring of notice period, last trading day or delivery period falls within such Contract Month. Since January 2016 has two expiring contracts, the Next Contract in respect of the first of them is the second contract, expiring in January 2016. |
| Contract Month                     | January, February, March, April, May, June, July, August, September, October, November and December.  |
| Related Exchange                   | each exchange or quotation system where trading has a material effect (as determined by the Index Calculator) on the overall market for Brent crude oil or for futures or options contracts relating to Brent crude oil.  |
| Current Contract Level $F_t^C$     | the official settlement price of the Current Contract, on the Underlying Asset Exchange relating to Calculation Date t.   |

#### 2.4 Determination of the Index Level “ $I_t$ ”

$I_0 = 500$  (as of the index Base Date)

As of each Calculation Date ( $t$ ), Index Level “  $I_t$  ” is determined by the Index Calculator in accordance with the following formula:

$$I_t = I_{t-1} \times \frac{F_t^C}{F_{t-1}^C}$$

### 3. Index Disruption Event

Index Disruption Event means the occurrence of any of the following situations on the Underlying Asset Exchange or a Relevant Exchange which the Index Calculator, in consultation with the Index Owner, deems material and relevant:

- the Underlying Asset Exchange or Relevant Exchange fails to publish or make public the market value of the Underlying Asset or in derivative contracts on the Underlying Asset or where such market value is unavailable to the Index Calculator for any other reason;
- trading in the Underlying Asset or in derivative contracts on Brent crude oil is suspended or, significantly restricted;
- with respect to a Roll Date: the liquidity of the Underlying Asset is materially impaired.

#### **4. Consequences of an Index Disruption Event**

If an Index Disruption Event occurs on a Scheduled Valuation Day, there will be no level for the Index calculated or announced on such day.

If an Index Disruption Event continues for twenty consecutive Scheduled Valuation Days, then the Index Calculator may permanently cancel the Index on such twentieth Scheduled Valuation Day.

If an Index Disruption Event occurs on a Roll Date, the Futures Rolling shall be postponed to the next following Scheduled Valuation Day which the Index Owner, in consultation with the Index Calculator, deems appropriate. If no such appropriate Scheduled Valuation Day can be determined, the Futures Rolling shall occur at the last known price from the Underlying Asset Exchange prior to such event.

#### **5. Index Adjustment Event**

Index Adjustment Event means the occurrence of any of the following situations on the Underlying Asset Exchange or a Relevant Exchange which the Index Calculator, in consultation with the Index Owner, deems material and relevant:

- all trading or pricing of the Underlying Asset or in derivative contracts on Brent crude oil ceases permanently;
- the method for calculating the price of the Underlying Asset or in derivative contracts on Brent crude oil is changed significantly;
- the composition or content of a the Underlying Asset or in derivative contracts on Brent crude oil is changed significantly; or
- the rolling schedule of the Underlying Asset is changed.

Following the occurrence of an Index Adjustment Event, the Index Calculator, in consultation with the Index Owner may make an adjustment or decide to modify a provision regarding adjustment or permanently cancel the Index to account for such event.

Following the occurrence of an event which causes the adjustment to the terms of the Underlying Asset or on any futures or options contract on the Underlying Asset traded on any Related Exchange, the Index Calculator will make the corresponding adjustments, if any, or any other adjustments that the Index Calculator determines to be appropriate to account for such event.

#### **6. Index Extraordinary Event**

If, in the opinion of the Index Calculator, technical or other reasons, render the automatic transmission of price information or other information regarding the Underlying Asset either wholly or partially unavailable, or if such price information is unreliable or in any other way fails to reflect the development of market prices in the Underlying Asset, the Index Calculator may utilise another source of information and thereby apply other bases for the calculation of the Index than those which otherwise are stated in these rules.

## **7. Limits of Liability**

The Index Owner is not liable for loss or damage resulting from Swedish or foreign legislative enactment, actions of Swedish or foreign authorities, war, power failure, telecommunication failure, fire, water damage, strike, blockade, lockout, boycott, or other similar circumstances outside the control of the Index Owner. The reservation with respect to strikes, blockade, lockout and boycott also applies if the Index Owner adopts or is the object of such conflict measures.

The Index Owner is not responsible in any circumstance for loss of data, non-payment of profits or other indirect damage. The Index Owner provides no express or implied warranties regarding the results which may be obtained as a consequence of the use of the Index or regarding the value of the Index at any given time. The Index Owner shall in no case be liable for errors or defects in the Index nor obligated to provide notice of, or publish, errors in the Index.

The SHB Brent Crude Oil index (“Index”) is the exclusive property of Svenska Handelsbanken AB.