INDEX GUIDELINE

Solactive Covered Call Gold Target 5% Income
Total Return Index

Version 0.1

14 December 2018

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Think before you print!

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INTRODUCTION

This document (the "Guideline") is to be used as a guideline with regard to the composition, calculation and maintenance of the Index. Any changes made to the Guideline are initiated by the Committee specified in Section 1.5. The Index is calculated and published by Solactive AG. The name "Solactive" is trademarked.

It contains the underlying principles and rules regarding the structure and operation of the Solactive Covered Call Gold Target 5% Income Total Return Index (the "Index"). Solactive AG shall make every effort to implement the applicable regulations. Solactive AG does not offer any explicit or tacit guarantee or assurance, neither pertaining to the results from the use of the Index nor the Index value at any certain point in time nor in any other respect. The Index are merely calculated and published by Solactive AG and it strives to the best of its ability to ensure the correctness of the calculation. There is no obligation for Solactive AG – irrespective of possible obligations to issuers – to advise third parties, including investors and/or financial intermediaries, of any errors in the Index. The publication of the Index by Solactive AG does not constitute a recommendation for capital investment and does not contain any assurance or opinion of Solactive AG regarding a possible investment in a financial instrument based on this Index.

1 INDEX SPECIFICATIONS

> The Solactive Covered Call Gold Target 5% Income Total Return Index (the "Index") is an Index of Solactive AG and is calculated and distributed by Solactive AG.

> The Index consist of futures and options on Gold, which are rolled over a five-day period after each Selection Date from the Current Set to the Next Set of futures and options.

> The Index is calculated as a Total Return Index and published in US Dollar.

1.1 SHORT NAME AND ISIN

The Index is distributed under ISIN DE000SLA7SV6, the WKN is SLA7SV. The index is published in Reuters under the code .SOCCGT5T and in Bloomberg under the code SOCCGT5T Index.

1.2 INITIAL VALUE

The Index is based on 1,000 on the Index Base Date.

1.3 DISTRIBUTION

The Index is published via the price marketing services of Boerse Stuttgart AG and is distributed to all affiliated vendors. Each vendor decides on an individual basis as to whether it will distribute/display the Index via its information systems.

1.4 PRICES AND CALCUATION FREQUENCY

The price of the Index is calculated based on the trading prices on the respective Exchanges on which the Index Components are listed. The most recent trading prices of all Index Components are used. Should there be no current trading price available, the most recent settlement price on Reuters for the preceding Trading Day is used in the calculation.

The closing price of the Index is calculated based on the settlement prices on the respective Exchanges on which the Index Components are listed. The most recent settlement prices of all Index Components are used. Should there be no current settlement price available, the most recent settlement price on Reuters for the preceding Trading Day is used in the calculation.

The Index is calculated on each Trading Day between midnight Frankfurt time and 9pm Frankfurt time. In the event that data cannot be provided to the pricing services of Boerse Stuttgart AG the Index cannot be distributed.

1.5 OVERSIGHT

A Committee composed of staff from Solactive AG (the "Committee" or the "Index Committee") is responsible for decisions regarding the composition of the Indices as well as any amendments to the rules.

Members of the Committee can recommend changes to the Guideline and submit them to the Committee for approval.

1.6 PUBLICATION

All specifications and information relevant for calculating the Index are made available on the http://www.solactive.com web page and sub-pages.

1.7 HISTORICAL DATA

Historical data will be maintained from the Index Base Date.

1.8 LICENSING

Licenses to use the Index as the underlying value for derivative instruments are issued to stock exchanges, banks, financial services providers and investment houses by Solactive AG.

2 SELECTION OF THE INDEX CONSTITUENTS

On each Selection Date the Next Active Set of futures and options are determined. The underlyer of the options chosen for the Next Set is always the future chosen for the Next Set, given in the table below:

Selection Month	Next Set Future Contract Month	Next Set Future Contract Year	$TPrem(S)$
February	June	Same year	0.95%
April	August	Same year	0.95%
June	December	Same year	1.2%
October	February	Following year	0.95%
December	April	Following year	0.95%

The strikes for the new options are determined according to the following formula:

$$Strike_{NS,1}(S) = Strike: \min[C_{NS,i}(S) > TPremium(S)]$$

$$Strike_{NS,2}(S) = Strike: \min[C_{NS,i}(S) > C_{NS,1}(S)]$$

With:

$Strike_{NS,1}(S)$ = Strike of option 1 of the Next Set for the current Selection Day S

$C_{NS,i}(t)$ = Settlement Price of Eligible Option i of the Next Set on Trading Day t

$C_{NS,1}(t)$ = Settlement Price of Option 1 of the Next Set on Trading Day t

$TPremium(S)$ = Target Premium for the current Selection Day S, calculated as follows:

$$TPremium(S) = F_{CS}(S) * TPrem(S)$$

With:

$F_{CS}(S)$ = Settlement price of the future of the Current Set on the current Selection Day

$TPrem(S)$ = Target Premium Percentage on the current Selection Day, as given in the table above

3 CALCULATION OF THE INDICES

3.1 INDEX FORMULA

The Index Value on Trading Day t is calculated in accordance with the following formula:

$$I(t) = I(t-1) * \left(\frac{ER(t)}{ER(t-1)} + IR(t-1) * \frac{DCF(t, t-1)}{360} \right)$$

with:

$I(t)$ = Index Value on Trading Day t

$I(t-1)$ = Index Value on the Trading Day immediately preceding Trading Day t

$ER(t)$ = Excess Return Index Value on Trading Day t, see Section 3.2

$IR(t-1)$ = Interest Rate Value on the Trading Day immediately preceding Trading Day t

$DCF(t, t-1)$ = Number of Calendar Days between Trading Day t and t-1

3.2 EXCESS RETURN INDEX FORMULA

The Excess Return Index Value on Trading Day t is calculated in accordance with the following formula:

$$ER(t) = ER(t-1) * \left(\frac{W_{CS}(t) * (F_{CS}(t) - O_{CS}(t)) + W_{NS}(t) * (F_{NS}(t) - O_{NS}(t))}{W_{CS}(t) * (F_{CS}(t-1) - O_{CS}(t-1)) + W_{NS}(t) * (F_{NS}(t-1) - O_{NS}(t-1))} \right)$$

With:

$W_{CS}(t)$ = Weight of the Current Set on Trading Day t, calculated as follows:

$W_{CS}(t) = 1$, if Trading Day t falls not in the Roll Period

$W_{CS}(t) = W_{CS}(t-1) - 0.2$, if Trading Day t falls in the Roll Period

$O_{CS}(t)$ = Option Price of the Current Set on Trading Day t, calculated as follows:

$O_{CS}(t) = 0.5 * C_{CS,1}(t) + 0.5 * C_{CS,2}(t)$

with

$C_{CS,1}(t)$ = Settlement Price of Option 1 of the Current Set on Trading Day t

$C_{CS,2}(t)$ = Settlement Price of Option 2 of the Current Set on Trading Day t

$W_{NS}(t)$ = Weight of the Next Set on Trading Day t, calculated as follows:

$W_{NS}(t) = 0$, if Trading Day t falls not in the Roll Period

$W_{NS}(t) = 1 - W_{CS}(t)$, if Trading Day t falls in the Rebalancing Period

$O_{NS}(t)$ = Option Price of the Next Set on Trading Day t, calculated as follows:

$$O_{NS}(t) = 0.5 * C_{NS,1}(t) + 0.5 * C_{NS,2}(t)$$

with

$C_{NS,1}(t)$ = Settlement Price of Option 1 of the Next Set on Trading Day t

$C_{NS,2}(t)$ = Settlement Price of Option 2 of the Next Set on Trading Day t

3.3 ROLL PERIOD

The Roll Period is defined as the set of five Trading Days following the first Trading Day after a Selection Day.

After the last Trading Day of a Roll Period, the Next Set becomes the Current Set.

3.4 ACCURACY

> The value of the Indices will be rounded to 2 decimal places for publication purposes.

4 DISRUPTION EVENTS, MODIFICATION AND RECALCULATION

4.1 Recalculation

Solactive AG makes the greatest possible efforts to accurately calculate and maintain its indices. However, the occurrence of errors in the index determination process cannot be ruled out. In such cases Solactive AG adheres to its publicly available Correction Policy.

4.2 Disruption Events

In periods of market stress Solactive AG calculates its indices following predefined and exhaustive arrangements set out in its publicly available Disruption Policy.

4.3 Modification

Any Modification to the rules and any extraordinary decision by the Index Committee will be published on the Solactive website.

5 DEFINITIONS

"Trading Day" means any day in which the the Exchange is scheduled to be open and publishes a Contract Settlement Price for the Designated Relevant Contracts.

"Exchange" means the Chicago Mercantile Exchange ("CME").

The "Index Calculator" is Solactive AG or any other appropriately appointed successor in this function.

The "Index Currency" is USD.

A "Market Disruption Event" is defined in section 2.3.

"Selection Day" is the last Trading Day of the months February, April, June, October and December.

"Extraordinary Event" is referring to the case if one or more Underlying Constituents are not calculated anymore.

The "Interest Rate" is overnight call rate of the Bank of Korea, as displayed in Reuters under the RIC "KRCALL=BOKK".

"Current Set" is referring to the future contract and the options for which the future contract is the underlyer which are currently included in the index.

"Next Set" is referring to the future contract and the options for which the future contract is the underlyer which will be included in the index during the upcoming Roll Period.

An "Eligible Option" is a call option listed on the Exchange with the future in the corresponding set as an underlyer and which has a settlement price published by the Exchange on the corresponding Selection Day.

The "Target Weight" of an Underlying Index is shown in Section 5.2.

The "Index Base Date" is the 26th February 2010.

6 CHANGES IN CALCULATION METHOD

The application by the Index Calculator of the method described in this document is final and binding. The Index Calculator shall apply the method described above for the composition and calculation of the Index. However, it cannot be excluded that the market environment, supervisory, legal, financial or tax reasons may require changes to be made to this method. The Index Calculator may also make changes to the terms and conditions of the Index and the method applied to calculate the Index that it deems to be necessary and desirable in order to prevent obvious or demonstrable error or to remedy, correct or supplement incorrect terms and conditions. The Index Calculator is not obliged to provide information on any such modifications or changes. Despite the modifications and changes, the Index Calculator will take the appropriate steps to ensure a calculation method is applied that is consistent with the method described above.

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