

| LCH SA - Margin Collateral Haircut Schedule | | Haircuts on 18/07/2017 | |
|---|---|---|---|
| Eligible Government Securities | Modified duration | Haircuts* (Conventional Bonds) | Haircuts* (Inflation Linked Bonds) |
| Class I (France) Debt Securities issued by the French state: • Treasury bills (BTFs) issued for 13, 26 or 52 weeks with a minimum nominal value of EURO 100,000 (BTF); • Annual fixed interest rate Treasury notes (BTANs) with a minimum nominal value of EURO 100,000 (BTNS); • Fungible Treasury Bonds (OATs and OATfs) for a minimum nominal value of EURO 100,000 (FRTR). | 4 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 0.50% 0.50% 1.25% 2.00% 2.75% 3.50% 5.50% 11.50% 15.50% | 0.50% 0.75% 2.00% 2.75% 4.50% 5.25% 6.25% 14.00% 18.75% |
| Class II (Belgium) Debt Securities issued by the Belgian state: • Belgian Treasury Certificates for a minimum nominal value of EURO 100,000 (BGTB); • Belgium Bonds and Belgium Treasury Bonds (BGB); • Belgian Linear bonds (OLOs) for a minimum nominal value of EURO 100,000 (OLO). | 4 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 0.50% 1.00% 2.00% 2.75% 4.25% 5.25% 7.00% 14.00% 18.50% | |
| Class III (Portugal) Debt securities issued by the Portuguese state for a minimum nominal value of EURO 100,000 (PGB). | 3 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 8.25% 11.50% 23.00% 29.50% 33.75% 33.75% 33.75% 47.00% 54.00% | |
| Class IV (UK) Debt Securities issued by the United Kingdom state: • Gilts for a minimum nominal value of GBP 100,000 (UKT). | 9 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 5.90% 6.10% 6.90% 7.90% 8.40% 10.40% 12.90% 18.90% 23.40% | |
| Class V (Italy) Debt Securities issued by the Italian state: • Treasury bills with a minimum nominal value of EURO 100,000 (BOTS, BTPS); • Certificates of Treasury with a minimum nominal value of EURO 100,000 (CCTS). | 3 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 6.00% 6.00% 7.00% 9.25% 12.00% 12.75% 14.00% 22.75% 27.75% | 6.00% 6.00% 7.00% 10.25% 13.50% 15.50% 16.75% 22.75% 27.75% |
| Class VI (Spain) Debt Securities issued by the Spanish state: • Letras del Tesoro (LET) for a minimum nominal value of EURO 100,000 (SGLT); • Bonos del estado (BON) for a minimum nominal value of EURO 100,000 (SPGB); • Obligaciones del estado (OBE) for a minimum nominal value of EURO 100,000 (SPGB). | 3 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 2.25% 3.00% 6.50% 9.25% 11.75% 14.75% 17.50% 28.75% 35.75% | |
| Class VII (USA) Debt Securities issued by the United State of America (USA): • US Treasury Bills with a minimum nominal value of USD 250,000 (B). | 3 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 5.30% 5.50% 6.30% 7.30% 8.30% 9.80% 12.30% 21.05% 26.80% | |
| Class VIII (Germany) Debt Securities issued by the German Federal State or by the Kreditanstalt für Wiederaufbau (KfW): • Bunds with a minimum nominal value of EURO 100,000 (BUBILL, BKO, OBL, OBLI, DBR, DBRI). | 3 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 0.50% 0.50% 1.00% 1.75% 2.25% 3.25% 5.00% 11.25% 15.00% | 0.50% 0.50% 1.00% 2.00% 2.25% 4.25% 6.50% 11.25% 15.00% |
| Class IX (Netherlands) Debt Securities issued by the Dutch State: • Debt Securities for a minimum nominal value of EURO 100,000 (NETHER); • Dutch Treasury certificates for a minimum nominal value of EURO 100,000 (DTB). | 10 business days and < 0,5 year >= 0,5 and < 1 year >= 1 and < 3 years >= 3 and < 5 years >= 5 and < 7 years >= 7 and < 10 years >= 10 and < 15 years >= 15 and < 30 years More than 30 years | 0.50% 0.50% 1.00% 1.75% 2.25% 3.00% 5.00% 11.00% 14.75% | |

*For the most up-to-date version on the haircuts schedule, please log into one of the following secure areas: https://secure-area.lchclearnet.com/secure_area/Default.asp

| Other stipulations | |
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| Equities | • Stocks incorporated European index EURO STOXX 50 within the limits set out by LCH SA; • An haircut of 35 % is applied on shares accepted as collateral; • Equity Securities not accepted for CDS/Clear Margins. |
| FX Haircut | For payment in USD and GBP, LCH SA applies a haircut on the equivalent in EURO calculated from the currency exchange rate: a 5.4% incremental for payment in GBP and 4.8% incremental FX haircut for payment in USD. |
| Additional Haircuts | Certain collateral can from time to time be subject to additional haircuts above those stated. |
| Concentration Limits | LCH SA reserves the right to manage specific concentrations in margin collateral in all circumstances. Where positions are considered to be excessively concentrated, members will be contacted directly with a view to re-alignment of their portfolio. |