



LSEG POST
TRADE

LCH

Risk Notice 2026-017

22nd of July 2026

Publication Date July 22, 2026
Enforcement Date July 22, 2026
Markets DigitalAssetClear

Dear Clearing Member,

Pursuant to Article 4.2.1.6 of the Clearing Rule Book and Instruction IV.4-1 (*Collateral, Variation Margin and Cash Payments*) on Collateral limits accepted to meet Margin requirements, LCH SA publishes hereafter a Notice related to the discount ("*haircut*") to be applied to the market value of Securities and eligible Currencies other than EURO, transferred as Collateral for Margin cover purposes.

This notice shall come into effect on July 22, 2026 and replace Risk Notice 2026-014.

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I) Haircuts applicable to Bonds transferred as Collateral for margin cover purposes

Pursuant to Article 19 of Instruction IV.4-1, a discount rate ("*haircut*"), determined by LCH SA as follows, is applied to bonds transferred as Collateral for Margin cover purposes upon classes defined below and regarding their modified duration or Time-to-Maturity.



LCH SA - Risk Notice - Margin Eligible Securities Collateral and Haircut Schedule		Haircuts on 22/07/2026	
Eligible Government Securities	Buckets	Haircuts (Conventional Bonds)	Haircuts (Inflation Linked Bonds)
Australia	Debt Securities issued by the Australian State: Australian Treasury Bill (ACTB) Australian Government Bond (ACGB)	11 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 > 30 and <= 50 years	0.50% 0.75% 1.50% 2.25% 2.75% 4.00% 6.50% 14.00% N/A
			N/A
Austria*	Debt Securities issued by the Austrian State: Austrian Treasury Bill (RATB) Austrian Government Bond (RAGB)	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 > 30 and <= 50 years	0.50% 0.75% 1.50% 2.50% 3.00% 3.75% 5.50% 12.25% 16.50%
			N/A
Belgium*	Debt Securities issued by the Belgian State: Belgian Treasury Bill (BGTB) Belgian Government Bond (BGB)	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 > 30 and <= 50 years	0.50% 1.00% 2.00% 2.75% 4.25% 5.25% 7.50% 14.00% 18.75%
			N/A
Canada	Debt Securities issued by the Canadian State: Canadian Treasury Bill (CTB) Canadian Government Bond (CAN)	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 > 30 and <= 50 years	0.50% 0.50% 1.25% 2.00% 2.50% 3.25% 4.75% 9.75% 13.00%
			N/A
Denmark	Debt Securities issued by the Danish State: Danish Treasury Bill (DGTB) Danish Government Bond (DGB)	6 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 > 30 and <= 50 years	0.50% 0.50% 1.25% 2.00% 2.50% 3.50% 5.25% 12.50% N/A
			N/A
Finland*	Debt Securities issued by the Finnish State: Finnish Treasury Bill (RFTB) Finnish Government Bonds (RfGB)	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 > 30 and <= 50 years	0.50% 0.75% 1.25% 2.00% 2.75% 3.75% 5.50% 11.25% 15.00%
			N/A
France*	Debt Securities issued by the French State: Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel i/L (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor i/L (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 > 30 and <= 50 years	0.50% 0.50% 1.50% 2.25% 2.75% 3.75% 5.75% 11.50% 15.50%
			0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75%
Germany*	Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzanweisungen (BKO) Bundesobligationen (OBL) Bundesobligationen i/L (OBLU) Deutsche Bundesrepublik (DBR) Deutschland i/L (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 > 30 and <= 50 years	0.50% 0.50% 1.25% 2.00% 2.50% 3.50% 5.25% 11.25% 15.00%
			0.75% 1.25% 1.75% 2.75% 3.25% 4.25% 6.50% 11.25% 15.00%
Italy*	Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTs) Buoni del Tesoro Poliennali (BTPs) Buoni del Tesoro Poliennali i/L (BTPS) Certificati di Credito del Tesoro (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 > 30 and <= 50 years	6.00% 6.00% 7.00% 9.00% 10.50% 11.50% 13.00% 21.75% 26.50%
			6.00% 6.00% 7.00% 10.00% 12.00% 14.25% 15.75% 21.75% 26.50%
Japan	Debt Securities issued by the Japanese State: Japanese Treasury Bill (JGTB) Japanese Treasury Discount Bill (JTD) Japanese Government Bond (JGB)	6 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 > 30 and <= 50 years	0.50% 0.50% 0.75% 1.00% 1.75% 2.00% 3.75% 8.25% 11.00%
			N/A N/A N/A N/A N/A N/A N/A N/A N/A

Netherlands*	Debt Securities issued by the Dutch State: Dutch Treasury Certificate (DTB) Dutch Government Bond (NETHER)	10 business days and <= 0,5 year	0.50%	N/A
		> 0.5 and <= 1 year	0.50%	N/A
		> 1 and <= 3 years	1.25%	N/A
		> 3 and <= 5 years	2.00%	N/A
		> 5 and <= 7 years	2.75%	N/A
		> 7 and <= 10 years	3.75%	N/A
		> 10 and <= 15 years	5.00%	N/A
		> 15 and <= 30 years	11.00%	N/A
		> 30 and <= 50 years	14.75%	N/A
Norway	Debt Securities issued by the Norwegian State: Norwegian Treasury Bill (NGTB) Norwegian Government Bond (NGB)	9 business days and <= 0,5 year	0.75%	N/A
		> 0.5 and <= 1 year	1.00%	N/A
		> 1 and <= 3 years	1.50%	N/A
		> 3 and <= 5 years	2.25%	N/A
		> 5 and <= 7 years	3.00%	N/A
		> 7 and <= 10 years	4.00%	N/A
		> 10 and <= 15 years	6.25%	N/A
		> 15 and <= 30 years	N/A	N/A
		> 30 and <= 50 years	N/A	N/A
Portugal*	Debt securities issued by the Portuguese State Portuguese Treasury Bill (PORTB) Portuguese Government bond (PGB)	3 business days and <= 0,5 year	4.75%	N/A
		> 0.5 and <= 1 year	6.75%	N/A
		> 1 and <= 3 years	15.50%	N/A
		> 3 and <= 5 years	19.00%	N/A
		> 5 and <= 7 years	21.50%	N/A
		> 7 and <= 10 years	23.00%	N/A
		> 10 and <= 15 years	23.00%	N/A
		> 15 and <= 30 years	29.00%	N/A
		> 30 and <= 50 years	39.00%	N/A
Spain*	Debt Securities issued by the Spanish State: Spanish Letras del Tesoro (SGLT) Spanish Government Bond (SPGB) Spanish Government Inflation Bond (SPGBEI)	3 business days and <= 0,5 year	2.25%	2.25%
		> 0.5 and <= 1 year	3.00%	3.00%
		> 1 and <= 3 years	6.50%	6.50%
		> 3 and <= 5 years	9.25%	9.25%
		> 5 and <= 7 years	10.50%	10.50%
		> 7 and <= 10 years	12.25%	12.25%
		> 10 and <= 15 years	15.25%	15.25%
		> 15 and <= 30 years	25.50%	25.50%
		> 30 and <= 50 years	31.50%	31.50%
Sweden	Debt Securities issued by the Swedish State: Swedish Treasury Bill (SWTB) Swedish Government Bond (SGB)	4 business days and <= 0,5 year	0.50%	N/A
		> 0.5 and <= 1 year	0.50%	N/A
		> 1 and <= 3 years	1.25%	N/A
		> 3 and <= 5 years	1.75%	N/A
		> 5 and <= 7 years	2.50%	N/A
		> 7 and <= 10 years	3.75%	N/A
		> 10 and <= 15 years	5.50%	N/A
		> 15 and <= 30 years	12.25%	N/A
		> 30 and <= 50 years	N/A	N/A
Switzerland	Debt Securities issued by the Swiss State: Swiss Treasury Bill (SWISTB) Swiss Government Bond (SWISS)	3 business days and <= 0,5 year	0.50%	N/A
		> 0.5 and <= 1 year	0.50%	N/A
		> 1 and <= 3 years	1.50%	N/A
		> 3 and <= 5 years	2.00%	N/A
		> 5 and <= 7 years	2.50%	N/A
		> 7 and <= 10 years	3.50%	N/A
		> 10 and <= 15 years	6.00%	N/A
		> 15 and <= 30 years	13.50%	N/A
		> 30 and <= 50 years	18.00%	N/A
UK*	Debt Securities issued by the United Kingdom State: United Kingdom Treasury Bill (UKTB) United Kingdom Gilt (UKT)	9 business days and <= 0,5 year	0.50%	N/A
		> 0.5 and <= 1 year	0.75%	N/A
		> 1 and <= 3 years	1.50%	N/A
		> 3 and <= 5 years	2.50%	N/A
		> 5 and <= 7 years	3.25%	N/A
		> 7 and <= 10 years	5.00%	N/A
		> 10 and <= 15 years	8.50%	N/A
		> 15 and <= 30 years	16.75%	N/A
		> 30 and <= 50 years	22.50%	N/A
USA*	Debt Securities issued by the United States of America: United States Treasury Bills (B) United States Treasury Note/Bond (T) United States Treasury Inflation Protected Securities (TII) United States Treasury Floating Rate Note (TF)	3 business days and <= 0,5 year	0.50%	0.75%
		> 0.5 and <= 1 year	0.75%	1.25%
		> 1 and <= 3 years	1.50%	2.50%
		> 3 and <= 5 years	2.50%	4.00%
		> 5 and <= 7 years	3.50%	4.75%
		> 7 and <= 10 years	5.00%	6.25%
		> 10 and <= 15 years	7.50%	9.25%
		> 15 and <= 30 years	16.25%	16.25%
		> 30 and <= 50 years	N/A	N/A

Eligible Securities (Supra & Agencies)		Buckets	Haircuts	Haircuts (Inflation Linked Bonds)
Caisse d'Amortissement de la Dette Sociale*	Debt securities issued by the Caisse d'Amortissement de la Dette Sociale (CADES): CADES Bond (CADES) CADES Floater (CADES)	3 business days and <= 0,5 year	1.00%	N/A
		> 0.5 and <= 1 year	1.25%	N/A
		> 1 and <= 3 years	1.75%	N/A
		> 3 and <= 5 years	3.00%	N/A
		> 5 and <= 7 years	4.00%	N/A
		> 7 and <= 10 years	5.00%	N/A
		> 10 and <= 15 years	8.00%	N/A
		> 15 and <= 30 years	15.75%	N/A
		> 30 and <= 50 years	N/A	N/A
European Financial Stability Facility*	Debt securities issued by the European Financial Stability Facility: European Financial Stability Facility bond (EFSF)	4 business days and <= 0,5 year	1.50%	N/A
		> 0.5 and <= 1 year	1.50%	N/A
		> 1 and <= 3 years	2.50%	N/A
		> 3 and <= 5 years	3.00%	N/A
		> 5 and <= 7 years	3.75%	N/A
		> 7 and <= 10 years	8.00%	N/A
		> 10 and <= 15 years	8.25%	N/A
		> 15 and <= 30 years	16.50%	N/A
		> 30 and <= 50 years	N/A	N/A
European Investment Bank*	Debt securities issued by the European Investment Bank: European Investment Bank bonds (EIB) European Investment Bank Floater (EIB)	9 business days and <= 0,5 year	1.00%	N/A
		> 0.5 and <= 1 year	1.00%	N/A
		> 1 and <= 3 years	2.50%	N/A
		> 3 and <= 5 years	3.50%	N/A
		> 5 and <= 7 years	4.50%	N/A
		> 7 and <= 10 years	8.00%	N/A
		> 10 and <= 15 years	11.50%	N/A

		> 15 and <= 30 years > 30 and <= 50 years	16.25% N/A	N/A N/A
European Union*	Debt securities issued by the European Union (EU): European Union bonds (EUB) European Union bonds T-Bills (EUB)	12 business days and <= 0,5 year	1.00%	N/A
		> 0.5 and <= 1 year	1.00%	N/A
		> 1 and <= 3 years	1.75%	N/A
		> 3 and <= 5 years	2.75%	N/A
		> 5 and <= 7 years	4.50%	N/A
		> 7 and <= 10 years	8.00%	N/A
		> 10 and <= 15 years	8.00%	N/A
		> 15 and <= 30 years > 30 and <= 50 years	15.25% N/A	N/A N/A
International Bank for Reconstruction and Development*	Debt securities issued by the International Bank for Reconstruction and Development : International Bank for Reconstruction and Development Bond (IBRD)	12 business days and <= 0,5 year	1.00%	N/A
		> 0.5 and <= 1 year	1.00%	N/A
		> 1 and <= 3 years	1.75%	N/A
		> 3 and <= 5 years	2.75%	N/A
		> 5 and <= 7 years	4.50%	N/A
		> 7 and <= 10 years	8.00%	N/A
		> 10 and <= 15 years	8.00%	N/A
		> 15 and <= 30 years > 30 and <= 50 years	15.25% N/A	N/A N/A
European Stability Mechanism*	Debt securities issued by the European Stability Mechanism: European Stability Mechanism Bond (ESM) European Stability Mechanism T-bill (ESMTB)	4 business days and <= 0,5 year	1.00%	N/A
		> 0.5 and <= 1 year	1.00%	N/A
		> 1 and <= 3 years	1.50%	N/A
		> 3 and <= 5 years	2.75%	N/A
		> 5 and <= 7 years	3.50%	N/A
		> 7 and <= 10 years	4.50%	N/A
		> 10 and <= 15 years	8.00%	N/A
		> 15 and <= 30 years > 30 and <= 50 years	16.50% N/A	N/A N/A
Landwirtschaftliche Rentenbank*	Debt securities issued by the Landwirtschaftliche Rentenbank: Landwirtschaftliche Rentenbank Bond (RENTEN) Landwirtschaftliche Rentenbank Floater (RENTEN)	2 business days and <= 0,5 year	1.00%	N/A
		> 0.5 and <= 1 year	1.25%	N/A
		> 1 and <= 3 years	1.50%	N/A
		> 3 and <= 5 years	2.75%	N/A
		> 5 and <= 7 years	3.50%	N/A
		> 7 and <= 10 years	4.50%	N/A
		> 10 and <= 15 years	8.00%	N/A
		> 15 and <= 30 years > 30 and <= 50 years	14.00% N/A	N/A N/A
Kreditanstalt für Wiederaufbau*	Debt securities issued by the Kreditanstalt für Wiederaufbau: Kreditanstalt für Wiederaufbau Bond (KF-W) Kreditanstalt für Wiederaufbau Floater (KF-W)	3 business days and <= 0,5 year	1.00%	N/A
		> 0.5 and <= 1 year	1.25%	N/A
		> 1 and <= 3 years	1.50%	N/A
		> 3 and <= 5 years	2.75%	N/A
		> 5 and <= 7 years	3.50%	N/A
		> 7 and <= 10 years	4.50%	N/A
		> 10 and <= 15 years	8.00%	N/A
		> 15 and <= 30 years > 30 and <= 50 years	14.00% N/A	N/A N/A

*Eligible in Triparty Collateral

II) Other stipulations

Pursuant to Article 12 of Instruction IV.4-1 as for payments in USD and GBP, LCH applies a haircut on the equivalent in EURO calculated on the basis of the currency exchange rate.

In addition, pursuant to Article 27 of Instruction IV.4-1, LCH is entitled to take specific measures with regards to specific Securities transferred as Collateral and/or corresponding issuers.

The FX haircuts and the specific measures are listed in the table below:

Other stipulations				
Equities	- Stocks incorporated European index EURO STOXX 50 (Excluding Banking & Insurance stocks) within the limits set out by LCH SA; - An Haircut of 35 % is applied on shares accepted as collateral; - Equity Securities are not accepted for CDS/Clear Margins.			
Haircut allocation rule	- For non-cash collateral lodged bilaterally, the duration is used to determine the haircut; - For non-cash collateral lodged using triparty solution, the time to maturity is used to determine the haircut. - For Bonds Floater, the time to maturity is used to determine the haircut			
Additional Haircuts	Certain collateral can from time to time be subject to additional haircuts above those stated.			
Excluded bonds instruments	LCH SA deems non eligible the following securities : - Zero coupon bonds (excluding T-Bills), stripped bonds and perpetual bonds - Bonds close to maturity - Optionable bonds (Sinkable, Callable, Putable) - Bonds not issued in the local country currency (e.g. France issuing USD debt)			
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.			
Currency Haircut	• For payment in non EURO and non USD, LCH SA applies a haircut on the equivalent in EURO and in USD calculated from the currency exchange rate the below incremental FX Haircut apply.			
	Currency	FX HC - EUR	FX HC - USD**	Minimum nominal Value in ccy
	AUD	6.90%	8.30%	1,000
	CAD	4.50%	5.05%	1,000
	CHF	6.20%	5.65%	1,000
	DKK	0.20%	4.35%	1
	EUR	0.00%	4.30%	1
	GBP	5.40%	5.30%	1
	JPY	7.50%	4.70%	50,000
	NOK	5.45%	6.65%	1,000
	SEK	3.50%	5.65%	5,000
	USD	4.80%	0.00%	100
	**Applicable to DCL members only			
Outstanding Amount	• To be eligible, securities need to have an Outstanding Amount above the following limits.			
	Currency	Minimum outstanding amount in ccy (Million)		
	AUD	800		
	CAD	750		
	CHF	500		
	DKK	4,000		
	EUR	500		
	GBP	500		
	JPY	80,000		
	NOK	5,500		
	SEK	5,500		
	USD	500		

Triparty	• For non-cash collateral lodged using triparty solution, same haircuts apply • For non-cash collateral lodged using triparty solution, the minimum Nominal value is defined in the Triparty contract • The possibility to transfer non-cash collateral using the triparty solution is not available to the clients of the CDS/Clear clearing members • The triparty solution for lodging non-cash collateral is not available to LCH DigitalAssetClear Clearing Members		
	USA Eligible Government Securities listed above only		
Eligible securities transferred as Collateral on behalf of FCM/BD Clients			
Maturities	Debt	Min Maturity (in business days)	Max Maturity*
	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherlands Norway Portugal Spain Sweden Switzerland UK USA CADES EFSF EIB EU IBRD ESM Rentenbank KFW	11 4 4 10 6 4 4 3 3 6 10 9 3 3 4 3 9 3 3 4 9 12 12 4 2 3	30Y 50Y 50Y 50Y 30Y 50Y 50Y 50Y 50Y 50Y 50Y 11Y 50Y 50Y 30Y 50Y 50Y 50Y 30Y 30Y 30Y 30Y 30Y 30Y 30Y 30Y
*The maximum maturity is here referring to the associated benchmark of the mentioned tenors.			
Haircut Application	The application of the haircuts is performed according to the below formula: $\text{Price} \times (1 - \text{HC}) \times (1 - \text{Fx HC})$		

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 Email: collateral.ops.fr@lseg.com
 Website: www.lch.com