

Domestic Fee Schedule

for customers of Clearstream Banking AG, Frankfurt

Important notice

Only the German version of the present Fee Schedule shall be legally binding for customers of Clearstream Banking AG, Frankfurt. Translations are designed solely to facilitate customers' access to and awareness of the information relevant to their business relations with Clearstream Banking AG, Frankfurt.

Clearstream Banking

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Clearstream Banking AG - Domestic Fee Schedule

1. General

This document sets out the fees for services on the German domestic business offered by Clearstream Banking.

1.1 Validity

This Fee Schedule is **valid from 1 January 2017** until further notice. Updated fee schedules will be published on the website, www.clearstream.com. Customers can subscribe to the corresponding email alerts.

1.2 Accounting

Unless otherwise indicated, all services are quoted in basis points (1 bp = 0.01 percent) and are invoiced in EUR. The fees are net and will be invoiced plus the German statutory value-added tax (VAT) unless otherwise stated.

1.3 Terms of payment

Invoicing is carried out monthly. Clearstream Banking advises customers of the total amount of fees payable at the beginning of the month following the invoice period. That amount is debited from a customer's account on the 5th working day of the month. Should the total amount of the invoice be less than EUR 5.00 payment will be waived.

1.4 Deposit Insurance Fund

Clearstream Banking participates in the Deposit Insurance Fund of the Bundesverband Deutscher Banken e.V. (Federal Association of German Banks). Bearer bonds issued by the bank are unprotected. For further information, please refer to section 30 of the General Terms and Conditions, the "Information sheet for depositors" and the website of Entschädigungseinrichtung deutscher Banken GmbH.

2. Main principles, explanations and examples

2.1 Safekeeping services

- The fees for safekeeping services are calculated on an annual basis and invoiced monthly pro rata, plus the applicable rate of statutory value-added tax (VAT).
- The fees for safekeeping include the price for Statement of Holdings information.
- The fees for safekeeping include the price for Corporate Actions information supplied via File Transfer.
- Sliding scales apply to the calculation of fees for safekeeping services.
- The safekeeping services fees for Xemac accounts will not be invoiced separately, but together with the other safekeeping positions.
- Own categories for positions kept in Xemac sub-accounts 550 will no longer be kept.
- No safekeeping service fee is invoiced for securities denominated in Reichsmark or for subscription rights.
- The valuation of positions held in equities, warrants, zero bonds, book-entry securities rights, investment fund units, and similar instruments is at market prices.
- The valuation of positions held in fixed-rate Eurobonds, fixed-rate convertibles, other fixed-rate bonds and notes, floating-rate notes (FRN), Certificates of Deposit (CD), Commercial Paper (CP), Euro Commercial Paper, and all other notes and bonds is at nominal value.
- Should no market price be found for a non debt security, then a price of zero is applied to value the security position.
- All prices are quoted in basis points (1 bp = 0.01 percent).

2.1.1 Categories within safekeeping services fees

The decisive factor for the assignment of the securities to the respective categories is the information in the WSS (securities master data system) fields: "Verwahrmöglichkeit" and "Wertpapiergruppe" (custody option and securities classes - see annex 1).

Bonds, notes and similar debt instruments, and equities quoted as a percentage are broken down into two categories, i.e.:

- Category I: bonds and notes, zero bonds and similar debt instruments quoted as a percentage or thousandth, evidenced by individual certificates;
- Category II: bonds and notes, zero bonds and similar debt instruments quoted as a percentage or thousandth, evidenced by permanent global certificates.

Other categories in safekeeping are:

- Equities, investment fund units and similar instruments quoted in units, evidenced by individual certificates or permanent global certificates;
- Warrants; and
- Non-German securities held in collective safe custody.

2.1.2 Sliding scales for safekeeping services fees

The example below gives the rationale for the sliding scales for safekeeping services fees.

Note: positions in a securities account total nominal value pro rata 35,000 million EUR in debt instruments of category I; according to the sliding scales, the safekeeping services fee is calculated as follows:

Account deposit value (in EUR million) nominal value		Partial volume of positions (in EUR million)	Corresponding fee in basis points (in EUR million)	Partial fee (EUR)
from	to			
0	500	500	0.800	40,000
500	3,000	2,500	0.700	175,000
3,000	6,000	3,000	0.600	180,000
6,000	12,000	6,000	0.500	300,000
12,000	25,000	13,000	0.450	585,000
25,000	50,000	10,000	0.325	325,000
Total for the year		35,000		1,605,000
				1,605,000 / 12
Monthly charge				133,750

2.1.3 Pro rata calculation of securities positions

The example below gives the rationale for calculating the pro rata securities positions.

Date	Position	No. of days relevant to the calculation	Pro rata calculation of positions
01.10.2012	10,000	01	1 x 10,000
02.10.2012	15,000	12	12 x 15,000
14.10.2012	12,000	01	1 x 12,000
15.10.2012	5,000	06	6 x 5,000
21.10.2012	10,000	04	4 x 10,000
25.10.2012	20,000	05	5 x 20,000
30.10.2012	15,000	02	2 x 15,000
Pro rata total of positions		31	402,000
Positions pro rata temporis			402,000/31=12,968

The pro rata positions are Clearstream Banking's basis for computation, i.e. the nominal values on each day of a month are added and divided by the number of calendar days of each month respectively.

2.2 Securities settlement and cash services

The fees for securities settlement and cash services are not linked to the fees for safekeeping services.

Prices for securities transactions can be found under "4. Securities settlement, cash services and settlement related communication".

General rules for charging fees for securities settlement and cash services are:

- the fee for transfers are calculated for each book entry;
- the invoicing occurs monthly, including the applicable rate of German statutory value-added tax (VAT) unless otherwise specified;
- rebates are applied on the monthly invoice based on transactions volume;
- an additional fee is charged for the data transport via the SWIFT network.

| 2.2.1 T2S - Specific rules applicable between 1 April 2013 and 31 January 2017

- Clearstream will provide T2S settlement at the lowest possible price by passing on the settlement fee of the European Central Bank to its existing and future customers without adding any margin and without charging any settlement fee of its own. In doing so, Clearstream intends to encourage settlement volume to grow and to keep both domestic and cross-border settlement costs as low as possible in line with the T2S Economic Impact Assessment published by the ECB.
- Clearstream plans to pass on about one third of the overall development costs – namely the external portion – to its customers. This will be done via a T2S investment cost contribution of EUR 0.094 that is added to each instruction settled on the German CSD's settlement system CASCADE between 1 April 2013 and 31 January 2017, with a total cap of EUR 30 million.
- Customers will also have the option of a deferred payment, depending on what best suits their business model. Clearstream is hereby giving customers the greatest possible flexibility to make the migration to T2S as smooth as possible and a manageable effort.
- Instruction types impacted by the investment cost contribution can be found under [section 4.1](#), [section 4.2](#) and [section 4.3](#) (with the exception of cross-border via DTCC).
- No volume discounts apply to the T2S investment cost contribution.

2.2.2 Example of the fee calculation for securities settlement, cash services and communication of stock exchange trades

Number of SE trades per month:	Domestic CSC securities 70,000	Euroland CSC securities 10,000
Security settlement fee (before volume discount):	0.250 Euro	0.250 Euro
Cash services fee (before volume discount):	0.150 Euro	0.150 Euro
All-inclusive communication fee (before volume discount):	0.075 Euro	0.075 Euro
T2S investment cost contribution:	0.094 Euro	0.094 Euro
Total transaction fee (before volume discount):	0.569 Euro	0.569 Euro
./. Volume discount:	7.5%	7.5%
Security settlement fee (after volume discount):	0.231 Euro	0.231 Euro
Cash services fee (after volume discount):	0.139 Euro	0.139 Euro
All-inclusive communication fee (after volume discount):	0.069 Euro	0.069 Euro
T2S investment cost contribution (no volume discount):	0.094 Euro	0.094 Euro
Total transaction fee (after volume discount):	0.533 Euro	0.533 Euro
Total Security settlement fee (after volume discount):	16,187.50 Euro	2,312.50 Euro
Total Cash services fee (after volume discount):	9,712.50 Euro	1,387.50 Euro
Total All-inclusive communication fee (after volume discount):	4,856.25 Euro	693.75 Euro
T2S investment cost contribution:	6,580.00 Euro	940.00 Euro
Total transaction fee (after volume discount):	37,336.25 Euro	5,333.75 Euro

2.2.3 Example for the fee calculation for securities settlement, cash services and communication of OTC transactions

Number of OTC transactions per month:	DVP 70,000	FOP 2,500	DVP RTS 3,000	Cross-border ^a 2,000
Security settlement fee (before volume discount):	0.125 Euro	0.125 Euro	0.125 Euro	1.00 Euro
Cash services fee (before volume discount):	0.150 Euro	-	0.150 Euro	0.150 Euro
All-inclusive communication fee (before volume discount):	0.200 Euro	0.200 Euro	0.200 Euro	0.200 Euro
T2S investment cost contribution:	0.094 Euro	0.094 Euro	0.094 Euro	0.094 Euro
Total transaction fee (before volume discount):	0.569 Euro	0.419 Euro	0.569 Euro	1.444 Euro
./. Volume discount:	7.5%	7.5%	7.5%	0.0%
Security settlement fee (after volume discount):	0.116 Euro	0.116 Euro	0.116 Euro	1.00 Euro
Cash services fee (after volume discount):	0.139 Euro	-	0.139 Euro	0.150 Euro
All-inclusive communication fee (after volume discount):	0.185 Euro	0.185 Euro	0.185 Euro	0.200 Euro
T2S investment cost contribution (no volume discount):	0.094 Euro	0.094 Euro	0.094 Euro	0.094 Euro
Total transaction fee (after volume discount):	0.533 Euro	0.395 Euro	0.533 Euro	1.444 Euro
Total security settlement fee (after volume discount):	8,093.75 Euro	289.06 Euro	346.88 Euro	2,000 Euro
Total cash services fee (after volume discount):	9,712.50 Euro	-	416.25 Euro	300.00 Euro
Total all-inclusive communication fee (after volume discount):	12,950.00 Euro	462.50 Euro	555.00 Euro	400.00 Euro
T2S investment cost contribution:	6,580.00 Euro	235.00 Euro	282.00 Euro	188.00 Euro
Total transaction fee (after volume discount):	37,336.25 Euro	986.56 Euro	1,600.13 Euro	2,888.00 Euro

a. Excluding DTCC link for which settlement fee amounts to EUR 2.00 per cross-border transaction and CBL/LuxCSD link for which settlement fee amounts to EUR 1.40 per cross-border transaction.

2.3 Communication

Communication services are comprised custody related services only and include:

- Statement of Holding¹;
- Corporate Actions notification²;
- Corporate Actions confirmation and Paying Agent Claim reports².

General rules for charging communication fees are:

- Custody communication services are charged on a per-item basis;
- Rebates are calculated based on the monthly volume;
- The monthly invoicing including the applicable rate of German statutory value-added tax (VAT);
- For the technical connection an additional fee is charged by Deutsche Börse AG (DBAG) for CASCADE and the File Transfer system or
- an additional fee is charged for the data transport via the SWIFT network.

2.3.1 Fee calculation for custody related communication exemplifying Corporate Actions Notification and Corporate Actions Confirmation sent via SWIFT

- Notifications sent via SWIFT: 10,000
- Confirmations sent via SWIFT: 10,000

Number of items billed per month: 20,000		
from - to	Price per item (EUR)	Fee (EUR)
0 - 10,000	0.50	5,000
10,000 - 20,000	0.40	4,000
Total	0.45	9,000

2.4 Special Services

2.4.1 Account maintenance: fee calculation example

Central invoice recipient	Customer securities account	Monthly account maintenance (EUR)	Monthly fee (EUR)
1111	1111	125	125
	2222	125	125
Total:			250

2.4.2 Line fee for securities with no/zero price: fee calculation example

Central invoice recipient	Customer securities account	Number of non debt ISINs at month end with no/zero price ^a	Price per ISIN/month (EUR)	Monthly fee (EUR)
1111	1111	500	12.00	6,000
	1111	100	6.00	600
	2222	300	12.00	3,600
Total:				10,200

a. The number of non debt ISINs is calculated on customer securities account level.

1. Statement of Holdings information is not charged separately. The safekeeping fees include the price for Statement of Holdings information.
2. Corporate action information is not charged separately if supplied via File Transfer; it is included in safekeeping fees as part of standard service. Corporate action information optionally received via SWIFT is charged on a per item basis.

3. Safekeeping services

3.1 Debt instruments

3.1.1 German and Maltese bonds, notes and similar debt instruments, and equities quoted as a percentage (individual certificate)

Account deposit value (in EUR million) nominal value		Category I
from	to	Bond evidenced by individual certificates
0	500	0.800 Bp.
500	3,000	0.700 Bp.
3,000	6,000	0.600 Bp.
6,000	12,000	0.500 Bp.
12,000	25,000	0.450 Bp.
25,000	50,000	0.325 Bp.
50,000	100,000	0.200 Bp.
100,000	150,000	0.100 Bp.
>150,000		0.080 Bp.

3.1.2 German and Maltese bonds, notes and similar debt instruments, and equities quoted as a percentage (global certificate)

Account deposit value (in EUR million) nominal value		Category II
from	to	Bonds evidenced by permanent global certificates
0	500	0.375 Bp.
500	3,000	0.350 Bp.
3,000	6,000	0.325 Bp.
6,000	12,000	0.300 Bp.
12,000	25,000	0.250 Bp.
25,000	50,000	0.225 Bp.
50,000	100,000	0.120 Bp.
100,000	150,000	0.070 Bp.
>150,000		0.060 Bp.

3.1.3 Collective safe custody: European debt instruments via cross-border links, except Switzerland

Account deposit value (in EUR million) nominal value		European debt instruments held in collective safe custody (individual + global certificates) ^a
from	to	
0	500	1.100 Bp.
500	1,000	0.700 Bp.
1,000	5,000	0.500 Bp.
5,000	7,500	0.450 Bp.
>7,500		0.350 Bp.

a. Each market is separately running through the sliding scale.

3.1.4 Collective safe custody: Swiss debt instruments in cross-border link with SIX SIS, Zurich

Account deposit value (in EUR million) nominal value		Swiss debt instruments held in collective safe custody (individual + global certificates)
from	to	
0	5,000	0.800 Bp.
5,000	7,500	0.750 Bp.
>7,500		0.650 Bp.

3.1.5 Collective safe custody: US debt instruments in cross-border link with The Depository Trust and Clearing Corporation (DTCC), New York

Account deposit value (in EUR million) nominal value		US debt instruments held in collective safe custody (individual + global certificates)
from	to	
0	500	1.100 Bp.
500	1,000	0.700 Bp.
1,000	5,000	0.650 Bp.
5,000	15,000	0.600 Bp.
15,000	30,000	0.550 Bp.
>30,000		0.500 Bp.

3.1.6 Collective safe custody: International debt instruments in link with Clearstream Banking S.A., Luxembourg

Account deposit value (in EUR million) nominal value		Int. debt instruments held in collective safe custody (individual + global certificates)
from	to	
0	750	1.500 Bp.
750	2,000	1.300 Bp.
2,000	6,000	1.150 Bp.
6,000	15,000	1.000 Bp.
15,000	30,000	0.900 Bp.
>30,000		0.800 Bp.

3.2 Equities and investment funds

3.2.1 German and Maltese equities, investment fund units and similar instruments evidenced by individual certificates and permanent global certificates

Account deposit value (in EUR million) market value		Shares, investment fund units and similar instruments
from	to	
0	10,000	0.080 Bp.
10,000	25,000	0.070 Bp.
25,000	50,000	0.055 Bp.
50,000	75,000	0.040 Bp.
75,000	150,000	0.025 Bp.
>150,000		0.020 Bp.

3.2.2 Collective safe custody: European equities via cross-border links, except Switzerland

Account deposit value (in EUR million) market value		European equities held in collective safe custody ^a
from	to	
0	25	2.000 Bp.
25	100	1.750 Bp.
100	250	1.500 Bp.
250	500	1.250 Bp.
500	750	1.000 Bp.
>750		0.750 Bp.

a. Each market is separately running through the sliding scale.

3.2.3 Collective safe custody: Swiss equities in cross-border link with SIX SIS, Zurich

Account deposit value (in EUR million) market value		Swiss equities held in collective safe custody
from	to	
0	~	0.800 Bp.

3.2.4 Collective safe custody: US equities in cross-border link with The Depository Trust and Clearing Corporation (DTCC), New York

Account deposit value (in EUR million) market value		US equities held in collective safe custody
from	to	
0	10	1.500 Bp.
10	25	1.250 Bp.
25	50	1.000 Bp.
>50		0.900 Bp.

3.2.5 Collective safe custody: International equities in link with Clearstream Banking S.A., Luxembourg

Account deposit value (in EUR million market value from to		Int. equities held in collective safe custody
0	100	2.500 Bp.
100	250	2.200 Bp.
250	500	2.000 Bp.
500	1,000	1.800 Bp.
1,000	5,000	1.700 Bp.
>5,000		1.500 Bp.

3.2.6 Collective safe custody: Investment funds in link with LuxCSD

3.2.6.1 Collective safe custody: Funds in link with LuxCSD

Account deposit value (in EUR million market value from to		Funds held in collective safe custody
0	100	2.500 Bp.
100	250	2.200 Bp.
250	500	2.000 Bp.
500	1,000	1.800 Bp.
1,000	5,000	1.700 Bp.
>5,000		1.500 Bp.

3.2.6.2 Collective safe custody: Hosted investment funds in link with LuxCSD

Account deposit value (in EUR million) market value from to		Hosted investment funds held in collective safe custody
0	10,000	0.080 Bp.
10,000	25,000	0.070 Bp.
25,000	50,000	0.055 Bp.
50,000	75,000	0.040 Bp.
75,000	150,000	0.025 Bp.
>150,000		0.020 Bp.

3.3 Warrants

3.3.1 Collective safe custody (CSC): warrants (domestic, CSC-Euroland and CSC-US)¹

Account deposit value (in EUR million) market value		Warrants held in collective safe custody
from	to	
0	10	2.500 Bp.
10	25	2.000 Bp.
25	50	1.500 Bp.
50	100	1.000 Bp.
100	500	0.800 Bp.
500	1,000	0.600 Bp.
1,000	2,500	0.400 Bp.
2,500	10,000	0.300 Bp.
>10,000		0.200 Bp.

3.3.2 Collective safe custody: Swiss warrants in cross-border link with SIX SIS, Zurich

Account deposit value (in EUR million) market value		Swiss warrants held in collective safe custody
from	to	
0	~	0.800 Bp.

Note: A list of all non-German securities admitted to CSC can be retrieved from the Clearstream website www.clearstream.com under Key Documents / ICSD / Reference Data / Securities eligible in Clearstream Banking.

3.4 Securitised commodities of Deutsche Börse Commodities GmbH (DBCo)

3.4.1 Bearer Bond Xetra-Gold®

Account deposit value (in EUR million) market value		Xetra-Gold
from	to	
0	250	30 Bp.
250	500	27 Bp.
500	1,000	24 Bp.
1,000	2,000	22 Bp.
>2,000		21 Bp.

1. Domestic, each market and CSC-US warrants are separately running through the sliding scales.

4. Securities settlement, cash services and settlement related communication

4.1 Trades on trading venues that are not processed via a central counterparty (CCP)¹

4.1.1 Settlement

Settlement	All CSC and ISC (EUR)
Security leg	0.250
Cash leg (VAT free)	0.150
All inclusive communication	0.075
T2S investment cost contribution	0.094
Total settlement fee	0.569

4.1.2 Volume discount scheme

Volume discount applied to total settlement price, excluding T2S investment cost contribution.

Number of transactions	CSC, ISC, US and Euroland combined volumes
from 50,000 per month	5.00%
from 75,000 per month	7.50%
from 100,000 per month	15.00%
from 150,000 per month	17.50%

4.2 OTC transactions and trades on trading venues that are processed via a central counterparty (CCP)^{1, 2, 3, 4}

4.2.1 Settlement

Settlement	Domestic standard and domestic RTS (EUR)
Security leg	0.125
Cash leg (VAT free)	0.150
All inclusive communication	0.200
T2S investment cost contribution	0.094
Total settlement fee	0.569

4.2.2 Volume discount scheme

Volume discount applied to total settlement price, excluding T2S investment cost contribution.

Number of transactions	Domestic standard and RTS combined volumes
from 50,000 per month	5.00%
from 75,000 per month	7.50%
from 100,000 per month	15.00%

1. An additional fee is charged by Deutsche Börse AG (DBAG) for CASCADE and the File Transfer system. Third-party SWIFT costs for the connection to and the use of the SWIFT network are charged by CBF.
2. Surcharge for securities transactions manually entered by CBF: EUR 5.00
3. Spanish securities are subject to an additional fee related to regulatory reporting.
4. The settlement of trades in CSC equities is not charged by Clearstream Banking but by the CCP to the respective Clearing members.

4.3 Cross-border transactions

4.3.1 Settlement¹

Settlement	Cross-border		
	via CBL/LuxCSD EUR	via DTCC EUR	via CSD links ^a EUR
Security leg ^b	1.400	2.000	1.000
Cash leg (VAT free)	0.150	0.150	0.150
All inclusive communication	0.200	0.200	0.200
T2S investment cost contribution	0.094	n.a.	0.094
Total settlement fee	1.844	2.350	1.444

- a. Cross-border securities transfer via CSD links from and to Euroclear Belgium, Euroclear Finland, Euroclear France, Euroclear Netherlands, Iberclear, Monte Titoli, OeKB, SIX SIS and VP Denmark.
 b. Besides the settlement fee the external costs per market will be charged to the customers.

4.4 Other securities transaction

Position	EUR
4.4.1 Securities procession via a different securities account (per transaction)	0.125
4.4.2 Pledged-securities transfer	5.00
4.4.3 Exchange of non-German shares for German certificates plus third-party costs - United Kingdom, U.S.A., South Africa plus third-party costs - Australia and New Zealand	5.00 15.00 65.00
4.4.4 Re-exchange of German certificates for non-German shares plus third-party costs - Europe (ex United Kingdom) plus third-party costs - United Kingdom and overseas (ex Australia and New Zealand) plus third-party costs - Australia and New Zealand	32.50 2.50 15.00 65.00
4.4.5 Passing on of physical individual certificates at collection	5.00
4.4.6 Self-Collateralisation	8.00

1. Surcharge for securities transactions manually entered by CBF: EUR 10.00

5. Custody administration services

5.1 Vaults services

Position		EUR																							
5.1.1	Deposit / withdrawal of individual certificates / global certificates or transfer of positions into/out of the special custody of unfloat and repurchased securities certificates ("Vorratslager") and deposit/ withdrawal of global certificates ^a	10.00																							
5.1.2	Marking up/down of global certificates ^a	1.50																							
5.1.3	Return of incorrect deposit items	20.00																							
5.1.4	Detachment/reattachment of cum bonds	12.50																							
5.1.5	Destruction of individual certificates ^b and invalidation, ink stamping of certificates, exchange, repayment, liquidation, renewal of coupon sheets (per individual certificate)	0.01																							
5.1.6	Destruction, invalidation, repayment, liquidation of permanent global certificates (per certificate)	0.50																							
5.1.7	Confirmation of position, deposit certificate, securities account statements, duplicates, certificate number lists	5.00																							
5.1.8	Individual safe custody of unissued individual certificates and safe custody of invalidated certificates (per 1,000 certificates p.a.)	11.50																							
5.1.9	Dispatch of securities (per consignment) plus handling fee (per item) plus third-party costs ^c	8.00 3.00																							
5.1.10	EDT warrants and certificates: acceptance of global certificates before trading, through Electronic Documentation Transmission (EDT Classic) ^a	4.50																							
5.1.11	EDT warrants and certificates: acceptance of global certificates before trading, through Electronic Documentation Transmission (EDT Premium) with generation of the certificates and automatic generation of the CASCADE instruction by CBF ^a																								
	<table border="1"> <thead> <tr> <th colspan="2">Number of certificates per month</th> <th rowspan="2">Fee per certificate (EUR)</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>10,000</td> <td>6.00</td> </tr> <tr> <td>10,001</td> <td>20,000</td> <td>5.00</td> </tr> <tr> <td>20,001</td> <td>30,000</td> <td>4.00</td> </tr> <tr> <td>30,001</td> <td>40,000</td> <td>3.00</td> </tr> <tr> <td>40,001</td> <td>50,000</td> <td>2.50</td> </tr> <tr> <td>>50,000</td> <td></td> <td>2.00</td> </tr> </tbody> </table>	Number of certificates per month		Fee per certificate (EUR)	From	To	0	10,000	6.00	10,001	20,000	5.00	20,001	30,000	4.00	30,001	40,000	3.00	40,001	50,000	2.50	>50,000		2.00	
Number of certificates per month		Fee per certificate (EUR)																							
From	To																								
0	10,000	6.00																							
10,001	20,000	5.00																							
20,001	30,000	4.00																							
30,001	40,000	3.00																							
40,001	50,000	2.50																							
>50,000		2.00																							
5.1.12	EDT warrants and certificates: security pre-admission before trading, through EDT Security Box																								
	<table border="1"> <thead> <tr> <th colspan="2">Number of securities pre-admitted per month</th> <th rowspan="2">Fee per security (EUR)</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>10,000</td> <td>3.35</td> </tr> <tr> <td>10,001</td> <td>20,000</td> <td>2.80</td> </tr> <tr> <td>20,001</td> <td>30,000</td> <td>2.15</td> </tr> <tr> <td>>30,000</td> <td></td> <td>1.50</td> </tr> </tbody> </table>	Number of securities pre-admitted per month		Fee per security (EUR)	From	To	0	10,000	3.35	10,001	20,000	2.80	20,001	30,000	2.15	>30,000		1.50							
Number of securities pre-admitted per month		Fee per security (EUR)																							
From	To																								
0	10,000	3.35																							
10,001	20,000	2.80																							
20,001	30,000	2.15																							
>30,000		1.50																							
5.1.13	EDT warrants and certificates: global certificates admission upon CBF customer notification, for securities pre-admitted through EDT Security Box (per security)	2.50																							

Clearstream Banking AG - Domestic Fee Schedule

- 5.1.14 EDT warrants and certificates: global certificates admission upon automatic trade detection by CBF, for securities pre-admitted through EDT Security Box

Number of securities admitted per month		Fee per security (EUR)
From	To	
0	500	3.00
501	1,000	2.50
1,001	5,000	2.00
5,001	10,000	1.75
10,001	25,000	1.60
>25,000		1.55

- 5.1.15 EDT warrants and certificates: global certificates admission, for securities already traded, that were not pre-admitted though EDT Security Box (per security) 13.00

- 5.1.16 EDT warrants and certificates: global certificates admission, for securities already traded, that were not pre-admitted though EDT Security Box (monthly license fee) 5,000.00

- 5.1.17 Deposit of global certificates via Electronic Documentation Transmission (EDT Classic) for bonds (generation of the certificate by issuer)^a 6.50

- 5.1.18 Deposit of global certificates via Electronic Documentation Transmission (EDT Classic) for bonds (generation of the certificates by CBF)^a 7.50

- 5.1.19 Deposit of global certificates via Electronic Documentation Transmission (EDT Premium) for bonds (generation of the certificate and automatic generation the CASCADE instruction by CBF)^a 9.25

- 5.1.20 EDT warrants and certificates: monthly license fee for EDT Classic 2,500.00 per month

- 5.1.21 AutoDispo Service: The following progressive fees are incurred in connection with automatic mark-up and mark-down:

Number of mark-up/mark-down transactions per month		Fee per transaction (EUR)
From	To	
0	500	3.00
501	1,000	2.50
1,001	5,000	2.00
5,001	10,000	1.75
10,001	25,000	1.60
>25,000		1.55

- a. Surcharge for deposit/withdrawal and marking up/down manually entered by CBF: Please refer to section 11.3.
 b. Destruction/invalidation of due interest, dividend and investment funds coupons outside of the special deposit ("Vorratslager") is free of charge.
 c. For example postage, advice and insurance fees and taxes.

5.2 Issuance-related services

Position		EUR	
5.2.1	Checking of certificate or coupon sheet (per issue)	150.00	
5.2.2	Checking of certificate and coupon sheet (per issue)	250.00	
5.2.3	Checking of subsequent printing on already checked forms (per issue)	125.00	
5.2.4	Issue of a commercial paper tranche ^a	25.00	
5.2.5	Trustee service (fee p.a.) ^b		
	- for the first issue	2,500.00	
	- for the following 2 - 50 issues (each)	1,250.00	
	- for the issues exceeding 50 (each)	500.00	
5.2.6	Admission to Foreign Collective Safe Custody		
	Monthly ISIN requested	Price per ISIN (EUR)	
	From	To	
	0	250	0.00
	>250		5.00

a. Only if Clearstream Banking AG holds blank certificate in safe custody.
 b. The fee is charged in the 3rd quarter.

5.3 Services for custody events, proxy voting and tax administration

Custody events		EUR
5.3.1	Monitoring of controlling equity stakes and unissued positions at internal transfer and funds put on hold by the system after customer transfer in CASCADE for physical holdings or non-deliverable global certificates	7.50
5.3.2	Late amendments per event ^a	400.00
5.3.3	Cancellation per event ^a	800.00
5.3.4	Positions allocation -central coupon collection ^b	12.50
5.3.5	Income administration: duplicate customer invoice	25.00
5.3.6	Selling and buying of subscription rights ^c	0.1%
5.3.7	Instruction of corporate action ^d	39.50
Proxy Voting Services ^e		EUR
5.3.8	Proxy Voting ISS^f	
5.3.8.1	Notifications	
	Monthly sliding scale	Price per item
	0 - 100	70.00
	101 - 250	50.00
	251 - 500	25.00
	501 - 1,000	10.00
	> 1,000	5.00
5.3.8.2	Vote instructions	Free
5.3.9	Proxy Voting CBF	
5.3.9.1	Notifications	Free
5.3.9.2	Agenda	39.50
5.3.9.3	Vote instructions	39.50
5.3.9.4	Ordering of entrance cards	39.50
Withholding tax reporting service ^g		EUR
5.3.10	Processing of certificates of residence/tax certificates and tax refund claims ^h	60.00
5.3.11	Processing of online certificates of residence/tax certificates ⁱ	30.00

Clearstream Banking AG - Domestic Fee Schedule

5.3.12	Processing of allocations/elections (notification of amounts subject to reporting by tax rate)	60.00
5.3.13	Issuance of tax vouchers and corrections and tax reclaims of withholding tax on German growth funds ^c	25.00
5.3.14	ProAct tax reclaimj	100.00
5.3.15	French attestation 2779 per year and securities account	500.00

- a. Tolerance allowance: 0.2% for late amendments and 0.05% for cancellations.
- b. Please address queries regarding possible commission regulations to the paying agent listed in WSS.
- c. The fee is calculated per instruction and contains standard options. The fee is 0.1% of the transaction value with a minimum charge of EUR 26.50 and a maximum of EUR 500.00.
- d. Instructions sent by fax are charged EUR 150.00.
- e. Out-of-pocket expenses will be payable by the customer.
- f. No further charges are levied for agenda distribution, additional documents, PoA maintenance, the ordering of entrance cards and the communication of meeting results.
- g. Clearstream Banking reserves the right to apply an hourly rate as per [section 11.1.1](#) for specific customer requests that exceed the standard services and involve extensive research, such as tax vouchers on payments older than six month, corrections of reclaims MOD111, special tax reports, for example Excel US non-Legal Reporting etc.
- h. An additional fee of EUR 1500.00 will be charged for tax reclaim forms received later than two months before the applicable market acceptance deadline. The processing fee for each income tax refund claim is payable on every dividend or coupon payment for which such a claim is lodged.
- i. Currently only available for France.
- j. Plus standard fee for handling tax refund claims.

5.4 Services for registered shares

Services for banks and issuers		EUR
5.4.1	First registration of shares resulting from capital changes	0.30
5.4.2	Re-registration of shares	0.50
5.4.3	Change of shareholder data	0.10
5.4.4	BRN - Re-registration French Registered Shares (held via CASCADE)	at cost

Services for banks		EUR
5.4.5	Deposit of registered shares (in physical form), without general agreement	45.00
5.4.6	Deposit of registered shares (electronically), with general agreement	5.00
5.4.7	Withdrawal of registered shares from collective safe custody plus third-party costs (insurance and dispatch fees; see point 5.1.9)	50.00
5.4.8	Generation of position lists on request (per statement)	5.00
5.4.9	Position query for registered shares, per data record (min. EUR 5.00 and max. EUR 100.00 per query)	0.01

Services for issuers		EUR
5.4.10	Standard introduction of new issuers for CASCADE-RS ^a	4,000.00
5.4.11	Corporate actions for CASCADE-RS securities ^a	1,000.00
5.4.12	Automated re-registration	0.10
5.4.13	Previous shareholder data (min. EUR 10.00 and max. EUR 100.00)	0.01
5.4.14	Query on unregistered positions (FMB)	10.00
5.4.15	Re-registration as part of an employee share plan	0.15

a. For any special services CBF may additionally apply the daily rate for extra services.

Miscellaneous services for registered shares (for banks and issuers)		EUR
5.4.16	Extended services CASCADE-RS per day	1,000.00

6. Communication

6.1 Custody related communication¹

6.1.1 Corporate Actions Notification, Corporate Actions Confirmation and Paying Agent Claims²

Monthly items reported ^a	Price per item (EUR)
0 - 10,000	0.50
10,000 - 20,000	0.40
20,000 - 30,000	0.30
30,000 - 40,000	0.25
> 40,000	0.15

a. Volumes (notifications, confirmations, paying agent claims) are grouped together at the central invoice recipient level.

6.2 Other types of reporting

Position	EUR
6.2.1 All reports and statements upon customer request ^a	60.00
6.2.2 Position statement for mutual funds (trailer fee), per line	0.01 min. 60.00
6.2.3 External audit requests	200.00

a. including MIS, copies of reports, prospectus and invoices

1. An additional fee is charged by Deutsche Börse AG (DBAG) for CASCADE and the File Transfer system. Third-party SWIFT costs for the connection to and the use of the SWIFT network are charged by CBF.
2. Corporate action information is not charged separately if supplied via File Transfer; it is included in safekeeping fees as part of standard service. Corporate action information received via SWIFT is charged on a per item basis.

7. Services for TARGET2 Single Shared Platform (SSP) cash clearing

Note: Late supply of sufficient cover refers to the single settlements DD1 (Direct debit 1) and DD2 (Direct Debit 2) which are cash cleared via TARGET2 Procedure 3. The fees are calculated according to the number of delays within the last 30 days including the respective clearing date.

7.1 Late supply of sufficient cover according to balance shown in transactions processing

Minutes		Fee (EUR)		
from	to	First delay	Second delay	Third and subsequent delays
30	60	100.00	200.00	400.00
60	90	2,500.00	5,000.00	10,000.00
>90		5,000.00	10,000.00	20,000.00

7.2 Manual cash account balancing, daily or monthly

Position	EUR
7.2.1 Debit balance settlement, per entry	5.00
7.2.2 Credit balance transfer, per entry	5.00

8. Securities lending and borrowing service

Note: The securities lending fees are exempt from VAT.

8.1 Automated Securities Lending Programme

Position	Equities /bonds
8.1.1 Lending income	0.75% p.a.
8.1.2 Borrowing fee ^a	1.50% p.a.

a. A minimum fee of EUR 20.00 will be charged for automated borrowing of German securities in collective safe custody and a minimum fee of EUR 30.00 will be charged for automated borrowing of Exchange Traded Funds (ETFs) and non-German securities in collective safe custody.

8.2 Strategic Securities Lending Programme

Position	Equities/bonds	Minimum fee (EUR)
8.2.1 Lending income	75% of the agreed borrowing rate	20.00
8.2.2 Borrowing fee	agreed borrowing rate	30.00

8.3 Lending and borrowing - borrower fees

Position	per item (EUR)
8.3.1 Loan recall penalty fee	1,000.00
8.3.2 Buy in of loan position	25.00
8.3.3 Buy in of additional rights (e.g. subscription rights)	25.00
8.3.4 Compensation payment	25.00
8.3.5 Corporate action based loan opening on amendment of position	25.00

9. Collateral Management

9.1 Xemac®

9.1.1 Xemac® fees on allocated volume¹ (pro rata monthly invoicing)

Allocated volume (in million EUR) market value		Fee (Basis points)
from	to	
0	2,000	0.55 Bp.
> 2,000	5,000	0.46 Bp.
> 5,000	10,000	0.36 Bp.
> 10,000	20,000	0.31 Bp.
> 20,000	40,000	0.25 Bp.
> 40,000		0.20 Bp.

The above fees are charged to the collateral giver only. Only one price range will be applied to the entire allocated volume (stepping scale).

Note: For instance, 0.36 basis points p.a. would be applied to an allocated volume of EUR 6 billion which in turn would result in EUR 18,000 to be charged per month.

9.1.2 Eurosystem Triparty Collateral Management Services via Deutsche Bundesbank

Collateral mobilisation basis	Fee (Basis points)
Domestic	please refer to 9.1.1
Cross-border	0.50 Bp.

9.1.3 GC Pooling (pro rata monthly invoicing)²

GC Pooling	Fee (Basis points)
9.1.3.1 Collateral giver	0.45 Bp.
9.1.3.2 Collateral receiver	0.45 Bp.
9.1.3.3 External charges	

The monthly minimum fee for the total of positions 9.1.1, 9.1.2 and 9.1.3 amounts to EUR 2,500.

9.1.4 Fiduciary Service - Secured Instruments

Secured Instruments	Fee for counter value to be collateralised over all instruments (Basis points p.a.)	Minimum fee per month and instrument (EUR)		
		from	to	Fee (EUR)
Fiduciary fee Clearstream Banking	5.00 Bp.	1	50	185.00
		51	100	145.00
		101	300	100.00
		301	500	90.00
		> 500		80.00

Every price step will be applied till the total number of issued instruments is reached.

- For technical reasons, the average volume of allocated positions (allocated volume) is calculated from the 21st of the preceding month to the 20th of the invoiced month. The calculation is based on the highest value of the allocated positions on the particular day.
- In addition to the collateral fee, potential external costs will be passed on to customers.

Clearstream Banking AG - Domestic Fee Schedule

Note: For a total number of 150 issued instruments with a value to be collateralised of EUR 150 Mio. over all instruments, EUR 21,500.00 would be charged (because the volume related fee is not higher than the minimum fee per month and instrument).

Independent from that the fees on the allocated volume according to 9.1.1 remain valid.

9.1.5 Prices for optional Xemac® backup lines

Prices for Xemac backup line		Fee (EUR)
9.1.5.1	Installation of line (one-off payment)	2,000.00
9.1.5.2	within Frankfurt (monthly)	1,200.00
9.1.5.3	to other locations within Germany (monthly)	2,800.00

9.2 KAGplus

Position	Equities	Bonds
9.2.1 Lending income	agreed borrowing rate	agreed borrowing rate

Position	Market value (in million EUR/month)	Equities (Bp)	Bonds (Bp)
	from to ^a		
9.2.2 Remuneration:			
Clearstream Banking	0 500	5.00	4.50
	>500 1,000	4.00	3.50
	>1,000 3,000	3.50	3.00
	>3,000 7,000	3.00	2.75
	>7,000 10,000	2.50	2.00
	>10,000	2.00	1.50

a. The above fees are charged to the borrower only. Price to be applied depends on the weighted monthly average volume traded per asset class (stepping scale).

Position	Equities	Bonds
9.2.3 Borrower fee ^a	agreed borrowing rate	agreed borrowing rate

a. Additional fees can be charged. Please refer to section 8.3.

10. Taxbox Service for German Flat Tax for Investment Income

Position	Fee (EUR)
10.1 One-off setup including connection (collected from each functional participant) ^a	5,000.00
10.2 Transmission of records (price per record) ^b	0.15
10.3 Reception of records (price per record) ^c	0.15

- a. The fee will only be levied once if a functional participant also acts as technical participant.
 b. A fee will only be charged for records which have passed the validation process. A fee will also be charged for follow-up records.
 c. Only valid records are transmitted. Blank records will be charged. A fee will also be charged for follow-up records.

11. Miscellaneous charges

11.1 Special services

Position	Fee (EUR)
11.1.1 Hourly rate for special services	197.00
11.1.2 Hourly rate for test support	200.00

11.2 Daily rate for consulting and special services

EUR 2,000.00

11.3 Premium for manual handling services

EUR 50.00

11.4 Monthly account maintenance

EUR 125.00

11.5 Line fee for securities with no/zero price

Number of ISINs per securities account	Price per ISIN/month (EUR) ^a
0 - 500	12.00
500 - 750	6.00
> 750	3.00

- a. Applies to all non-debt securities, based on the month-end volume and charged per securities account.

11.6 Domestic Markets Monitoring Report

An annual fee of EUR 10,000 will be charged at the end of each year. (Should the relevant account be closed within the year, the full amount will be charged upon closure.)

11.7 Manual entry CASCADE-RS re-registration order for proxy voting

EUR 500.00

12. Investment funds services - Vestima

Please contact your Relationship Officer for further details.

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Annex 1 - Instrument categories

The decisive factor for the assignment of the securities to the respective categories is the information in the WSS (Securities master data system) fields.

The controlling tables are

- WSS-table G16 -- Custody option
- WSS-table G18 -- Country of custody-AKV
- WSS-table GE9 -- Product group segment

The declaration of the country of custody decides what safekeeping sliding scale (fee schedule position) is used for calculation.

		EFIC - Product group segment			
No	Country of custody	1000 / 4000 Equities Index certificates	2000 Bonds	3000 Warrants	5000 Funds
000	INLAND	3.2.1 ¹	3.1.1 & 3.1.2 ²	3.3.1	3.2.1 ¹
169	BELGIEN	3.2.2	3.1.3	3.3.1	3.2.2
219	DAENEMARK	3.2.2	3.1.3	3.3.1	3.2.2
229	FINNLAND	3.2.2	3.1.3	3.3.1	3.2.2
249	FRANKREICH	3.2.2	3.1.3	3.3.1	3.2.2
259	FRANKREICH	3.2.2	3.1.3	3.3.1	3.2.2
299	GROSSBRITANIEN	3.2.2	3.1.3	3.3.1	3.2.2
339	ITALIEN	3.2.2	3.1.3	3.3.1	3.2.2
379	DTCC-KANADA	3.2.4	3.1.5	3.3.1	3.2.4
417	LuxCSD	--	--	--	3.2.6 ³
419	CBL	--	--	--	3.2.6 ³
449	NIEDERLANDE	3.2.2	3.1.3	3.3.1	3.2.2
479	ÖSTERREICH	3.2.2	3.1.3	3.3.1	3.2.2
549	SPANIEN	3.2.2	3.1.3	3.3.1	3.2.2
579	SCHWEDEN	3.2.2	3.1.3	3.3.1	3.2.2
589	SIS-SCHWEIZ	3.2.3	3.1.4	3.3.2	3.2.3
679	DTCC-USA	3.2.4	3.1.5	3.3.1	3.2.4
989	Clearstream-Luxemburg	3.2.5 ⁴	3.1.6 ⁴	--	3.2.5 ⁴

1. For securities with third registration in Ireland, Jersey and Great Britain (referenced by custody option 052), 3.2.2 will be applied.

2. See Domestic bonds below.

3. In addition, the field "LGL/LGS" contains the value "991/066".

4. In addition, the field "LGL/LGS" contains the value "991/060" CSD/CBF L.

Domestic bonds

The final assignment to the fee schedule positions depends on the following custody options:

3.1.1 Bonds individual certificate

005, 009, 012, 013, 019, 020, 021, 041, 044, 045, 088, 091, 092, 096, 097

3.1.2 Bonds global certificate

001, 002, 003, 006, 007, 008, 011, 014, 016, 022, 023, 024, 098

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Annex 2 - Pricing procedure for calculating safekeeping fees

Data basis

Basis for pricing is currently the securities master data system (Wertpapier Service System - WSS). The controlling WSS tables are

- WSS-Tabelle G16 -- Custody option
- WSS-Tabelle G06 -- Security type

Price currency

Price fixing is in EUR as a matter of policy.

For securities classes in foreign currencies the price fixed is multiplied by the corresponding forex rate of the price of the corresponding security.

Sequence of stock exchanges for price fixing

Stock exchanges are searched in the sequence below:

Abbreviation	Designation
EDE	Xetra
EDF	Frankfurt
EDD	Dusseldorf
EDM	Munich
EDH	Hamburg
EDB	Berlin
EDS	Stuttgart
EDI	Hanover
EDC	Bremen
EDX	Retail investment/specialised investment funds
ED	Private placement (Germany) / bonds area = short term notes / derivatives trading = prices quoted by floor specialists / Federal Treasury short-term notes = calculated prices (maturity + discount rate)
EUA	Trading in Eurobonds
ELL	Luxembourg Stock Exchange
EDT	Derivatives exchange
Home market	Corresponding entry in the securities master data (foreign securities only)
Any other foreign stock exchange	

Prices types

The price types given in the annex of the invoice are as below:

Nominal value (N)

The nominal value is the basis for calculating safekeeping fees for bonds, where they are listed as a percentage and thousandth.

End-of-month price (U)

The price quality and sequence of the stock exchanges follow the end-of-month price.

If no end-of-month price can be found for a called month, the price calculation module tries to establish the next current daily price within the month requested.

Annual price for tax purposes (S)

The annual price for tax purposes will be used if by year-end no month-end price nor a current price is available.

The annual price for tax purposes is contained in the securities master data. There is only one annual price for tax purposes per securities class. The annual price for tax purposes may not be older than the date of the most recent year-end, exception: January processing.

If it is the annual price for tax purposes which is being calculated, the annual forex price for tax purposes is worked out using the relevant currency. Otherwise the daily forex price/the annual forex price for tax purposes is calculated using the currency of listing, taking "Frankfurt" as stock exchange market into account.

Other cases

A zero price is applied if none of the above prices (N, U, S) can be found. To inactive ISINs a zero price is applied.

Contact

www.clearstream.com

Published by

Clearstream Banking Frankfurt

Registered address

Clearstream Banking AG, Frankfurt
Mergenthalerallee 61
65760 Eschborn

Postal address

Clearstream Banking
60485 Frankfurt am Main

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