



EquityClear Member Reports

Cash equity version

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1 INTRODUCTION

EquityClear member reports are made available on the LCH.Clearnet Member Reporting web site. This document describes these reports.

The content, formatting details and an example layout are provided for each report.

Any changes to the reports (due to enhancements or amendments) may result in changes to the format of these files, in which case a new version of this document will be released.

1.1 General Report Format

The reports are plain ASCII text (.txt), with the fields TAB delimited¹. The field lengths specified are maximum lengths. The actual fields are of variable length.

The following field types are used in this document:

- Char – Alphanumeric
- Float x.y – Floating point number, up to x digits preceding the decimal and up to y digits following the decimal
- Int – Integer, i.e. no decimal part.
- Date – format – YYYYMMDD
- Time – format – HH:MM
- DTime (Date and time) – format – YYYYMMDDHHMMSS

Each report consists of:

- A single header row. This contains the column headings, TAB delimited.
- One or more rows of report data, with the fields TAB delimited.

If a report returns no data, then the report text file will consist of the header row, followed by a single row containing the text "NO DATA".

1.2 Report Availability

The reports will be deposited in a Member's EquityClear folder² on LCH.Clearnet's member reporting web site.

1.2.1 Margin Reports

Intra-day (ITD)

Within 30 minutes of the 12:30pm intra-day margin run. Additionally, there are margin runs scheduled for 10:00, 14:30, 17:00 and 19:00. Should these result in a margin call then again the report will be available within 30 minutes of these runs. Also LCH.Clearnet may at its discretion perform ad-hoc margin runs and make corresponding ad-hoc margin calls. In these circumstances the report will be available within 30 minutes of the margin run.

- EREP0001i – Margin – Positions at Clearing Account ITD
- EREP0002i – Margin – Positions at Settlement Counterparty Level ITD
- EREP0003i – Margin – Summary at Clearing Account Level ITD
- EREP0004i – Margin – VM Detail at Clearing Account Level ITD

¹ The example reports shown are not in TAB delimited format but in an aligned tabular format for ease of reading.

² That is, one folder per member mnemonic (3 character ID). Some members operate more than one mnemonic for the EquityClear service.

- EREP0020i – Margin – Summary at Settlement Firm Level ITD

End-of-day (EOD)

Within 30 minutes of the 22:45 End-Of-Day margin run.

- EREP0001e – Margin – Positions at Clearing Account EOD
- EREP0002e – Margin – Positions at Settlement Counterparty Level EOD
- EREP0003e – Margin – Summary at Clearing Account Level EOD
- EREP0004e – Margin – VM Detail at Clearing Account Level EOD
- EREP0020e – Margin – Summary at Settlement Firm Level EOD

1.2.2 Cash Equity Reports

Intra-day (ITD)

Every ½ hour from 07:00 to 21:00.

- EREP0006i – Netting – Gross Trades for Gross & Net Settlement ITD

End-of-day (EOD)

After the netting run; approximately 21:30.

- EREP0005 – Netting – Net Trades for Settlement
- EREP0006e – Netting – Gross Trades for Gross & Net Settlement EOD

1.2.3 Fees Reports

These are monthly reports. EREP0007 and EREP0016 will normally be available on the second business day of the next month but this may vary.

- EREP0007 – Fees – Fee Basis Breakdown
- EREP0016 – Fees – Settlement Cost Breakdown

2 EREP0001 – MARGIN – POSITIONS AT CLEARING ACCOUNT LEVEL

This report details a clearing member's open positions per clearing account. These are used to calculate the member's margin liability.

Report Name	EREP0001i – Margin – Positions at Clearing Account ITD EREP0001e – Margin – Positions at Clearing Account EOD
Report Owner	LCH.Clearnet Risk Management
Sort Order	AccountCode > SecurityCode > IntendedSettlementDate > Currency

2.1 Layout

Field Name	Type	Length	Description
CurrentBusinessDay	Date	8	The business day being reported.
RunId	Char	4	ITD for Intra-Day report run. EOD for End-of-Day report run.
RunTime	Char	5	Time of the margin run.
AccountCode ³	Char	4	Concatenation of the member mnemonic and the House/Client sub-account indicator (e.g. XXXH or XXXC).
SecurityCode	Char	20	The ISIN code of the equity. Set to CASH for cash only deliveries.
IntendedSettlementDate	Date	8	The intended settlement date of the position.
Quantity	Int	15	The net unsettled number of cash equities. Positive values indicate the member is long, negative values indicate the member is short.
Currency	Char	3	The ISO code of the currency of the financial amounts in the report.
Consideration	Float	15.2	The net unsettled cash payment. Positive values indicate the member is long cash, negative values indicate the member is short cash. For a net DvP position the quantity and consideration will be of opposite sign.

³ It should be noted that the terms 'Account Code', 'Clearing Account' and 'Member Account' are synonymous.

2.2 Example

EREP0001e – Margin – Positions at Clearing Account Level

<u>CurrentBusinessDay</u>	<u>RunId</u>	<u>RunTime</u>	<u>AccountCode</u>	<u>SecurityCode</u>	<u>IntendedSettlementDate</u>	<u>Quantity</u>	<u>Currency</u>	<u>Consideration</u>
20060606	EOD	18:03	XXXC	CASH	20090224	0	GBP	66.65
20060606	EOD	18:03	XXXC	CH0008038223	20090115	101	CHF	-88375.00
20060606	EOD	18:03	XXXC	GB0000044551	20090115	-9135	GBP	71463.92
20060606	EOD	18:03	XXXC	GB0000044551	99991231	611	GBP	-5014.06
20060606	EOD	18:03	XXXC	GB0004082847	99991231	-2893	GBP	22238.68
20060606	EOD	18:03	XXXH	CASH	20090224	0	GBP	66.65
20060606	EOD	18:03	XXXH	CH0008038223	20090115	101	CHF	-88375.00
20060606	EOD	18:03	XXXH	GB0000044551	20090115	-9141	GBP	71465.02
20060606	EOD	18:03	XXXH	GB0000044551	99991231	621	GBP	-4999.05
20060606	EOD	18:03	XXXH	GB0004082847	99991231	-289	GBP	2196.72

3 EREP0002 – MARGIN – POSITIONS AT SETTLEMENT COUNTERPARTY LEVEL

This report breaks down a clearing member's open positions, as shown on EREP0001, into positions at the settlement firm level^{4&5}.

Report Name	EREPO002i – Margin – Positions at Settlement Counterparty ITD EREPO002e – Margin – Positions at Settlement Counterparty EOD
Report Owner	LCH.Clearnet Risk Management
Sort Order	AccountCode > SettlementFirmID > SecurityCode > IntendedSettlementDate > Currency

3.1 Layout

Field Name	Type	Length	Description
CurrentBusinessDay	Date	8	The business day being reported.
RunId	Char	4	ITD for Intra-Day report run. EOD for End-of-Day report run.
RunTime	Char	5	Time of the margin run.
AccountCode	Char	4	Concatenation of the member mnemonic and the House/Client sub-account indicator (e.g. XXXH or XXXC).
SettlementFirmID	Char	13	Usually the trading firm ID. Where trades from two or more trading firms are to be netted together for settlement they are grouped under this common ID.
SecurityCode	Char	20	The ISIN code of the equity. Set to CASH for cash only deliveries.
IntendedSettlementDate	Date	8	The intended settlement date of the position.
Quantity	Int	15	The net unsettled number of cash equities. Positive values indicate the member is long, negative values indicate the member is short.
Currency	Char	3	The ISO code of the currency of the financial amounts in the report.
Consideration	Float	15.2	The net unsettled cash payment. Positive values indicate the member is long cash, negative values indicate the member is short cash. For a net DvP position the quantity and consideration will be of opposite sign.

⁴ It should be noted that the terms 'Settlement Counterparty' and 'Settlement Firm' are synonymous.

⁵ The Settlement Firm positions shown for UK & Irish equities do not include the positions for markets where CREST CCP Services are used for clearing. These positions are available to CM Undertakings from CREST.

3.2 Example

EREP0002 – Margin – Positions at Settlement Counterparty Level

<u>CurrentBusinessDay</u>	<u>RunId</u>	<u>RunTime</u>	<u>AccountCode</u>	<u>SettlementFirmID</u>	<u>SecurityCode</u>	<u>IntendedSettlementDate</u>	<u>Quantity</u>	<u>Currency</u>	<u>Consideration</u>
20060606	ITD	11:23	XXXC	ZYGCG20GC1	CASH	20060608	0	GBP	66.65
20060606	ITD	11:23	XXXC	ZYGCG20GC1	CASH	20060609	0	GBP	12.30
20060606	ITD	11:23	XXXC	ZYGCG20GC1	CH0008038223	20060608	101	CHF	88375.00
20060606	ITD	11:23	XXXC	ZYGCG20GC1	GB0000472455	20060608	34253	GBP	-58190.17
20060606	ITD	11:23	XXXC	ZYGCG20GC1	GB0000472455	20060609	5938	GBP	-10201.35
20060606	ITD	11:23	XXXC	ZYGCG20GC1	GB0000492412	20060607	13680	GBP	-32798.10
20060606	ITD	11:23	XXXC	ZYGCG20GC1	GB0000492412	20060609	4722	GBP	-11275.70
20060606	ITD	11:23	XXXC	ZYGCG20GC1	GB0000595859	20060608	-4535	GBP	7579.79
20060606	ITD	11:23	XXXC	ZYGCG20GC1	GB0000595859	20060609	-8436	GBP	15100.44
20060606	ITD	11:23	XXXC	ZYGCG20GC1	GB0000811801	20060609	4088	GBP	-17667.49
20060606	ITD	11:23	XXXH	ZYGCG20GC1	GB0000044551	20060606	16485	GBP	-125796.66
20060606	ITD	11:23	XXXH	ZYGCG20GC1	GB0000044551	20060607	-9135	GBP	71463.92
20060606	ITD	11:23	XXXH	ZYGCG20GC1	GB0000044551	20060608	-611	GBP	5014.06
20060606	ITD	11:23	XXXH	ZYGCG20GC1	GB0000044551	20060609	4000	GBP	-31520.10
20060606	ITD	11:23	XXXH	ZYGCG20GC1	GB0000492412	20060609	-791	GBP	1480.87
20060606	ITD	11:23	XXXH	ZYGCG20GC1	GB0000595859	20060608	21593	GBP	-37635.29
20060606	ITD	11:23	XXXH	ZYGCG20GC1	GB0000595859	20060609	-35700	GBP	63014.70
20060606	ITD	11:23	XXXH	ZYGCG20GC1	GB0000811801	20060609	1995	GBP	-8688.23

4 EREP0003 – MARGIN – SUMMARY AT CLEARING ACCOUNT LEVEL

This report shows clearing member's margin liabilities arising from their open positions, as shown on EREP0001.

Report Name	EREP0003i – Margin – Summary at Clearing Account Level ITD EREP0003e – Margin – Summary at Clearing Account Level EOD
Report Owner	LCH.Clearnet Risk Management
Sort Order	AccountCode > Currency

4.1 Layout

Field Name	Type	Length	Description
CurrentBusinessDay	Date	8	The business day being reported.
RunId	Char	4	ITD for Intra-Day report run. EOD for End-of-Day report run.
RunTime	Char	5	Time of the margin run.
AccountCode	Char	4	Concatenation of the member mnemonic and the House/Client sub-account indicator (e.g. XXXH or XXXC).
Currency	Char	3	The ISO code of the currency of the financial amounts in the report.
InitialMargin	Float	15.2	The initial margin liability calculated using the portfolio method. (It will always be negative).
AlternativeInitialMargin	Float	15.2	The initial margin liability calculated using the flat rate method. (It will always be negative).
VariationMargin	Float	15.2	The total variation margin liability. A positive value is a credit to the member and a negative value is a debit against the member.

4.2 Example

EREP0003 – Margin – Summary at Clearing Account Level

<u>CurrentBusinessDay</u>	<u>RunId</u>	<u>RunTime</u>	<u>AccountCode</u>	<u>Currency</u>	<u>InitialMargin</u>	<u>AlternativeInitialMargin</u>	<u>VariationMargin</u>
20060606	EOD	11:23	XXXC	GBP	-1385925.87	-122008.02	-320171.35
20060606	EOD	11:23	XXXH	GBP	-486133.12	-28515.02	46466.35

5 EREP0004 – MARGIN – VM DETAIL AT CLEARING ACCOUNT LEVEL

This report details a clearing member's variation margin on their open positions, as shown on EREP0001, by security,

Report Name	EREP0004i – Margin – VM Detail at Clearing Account Level ITD EREP0004e – Margin – VM Detail at Clearing Account Level EOD
Report Owner	LCH.Clearnet Risk Management
Sort Order	AccountCode > SecurityCode > IntendedSettlementDate > Currency

5.1 Layout

Field Name	Type	Length	Description
CurrentBusinessDay	Date	8	The business day being reported.
RunId	Char	4	ITD for Intra-Day report run. EOD for End-of-Day report run.
RunTime	Char	5	Time of the margin run.
AccountCode	Char	4	Concatenation of the member mnemonic and the House/Client sub-account indicator (e.g. XXXH or XXXC).
SecurityCode	Char	20	The ISIN code of the equity. Set to CASH for cash only deliveries.
IntendedSettlementDate	Date	8	The intended settlement date of the position.
Currency	Char	3	The ISO code of the currency of the financial amounts in the report.
VariationMargin	Float	15.2	The total variation margin liability. A positive value is a credit to the member and a negative value is a debit against the member.

5.2 Example

EREP0004 – Margin – VM Detail at Clearing Account Level

<u>CurrentBusinessDay</u>	<u>RunId</u>	<u>RunTime</u>	<u>AccountCode</u>	<u>SecurityCode</u>	<u>IntendedSettlementDate</u>	<u>Currency</u>	<u>VariationMargin</u>
20060606	EOD	18:30	XXXC	CASH	20060607	GBP	66.65
20060606	EOD	18:30	XXXC	CASH	20060608	GBP	12.30
20060606	EOD	18:30	XXXC	CH0008038223	20060609	CHF	-6519.80
20060606	EOD	18:30	XXXC	GB0000472455	20060607	GBP	146.13
20060606	EOD	18:30	XXXC	GB0000472455	20060609	GBP	-697.55
20060606	EOD	18:30	XXXC	GB0000492412	20060608	GBP	-410.60
20060606	EOD	18:30	XXXC	GB0000492412	20060609	GBP	-342.60
20060606	EOD	18:30	XXXC	GB0000595859	20060609	GBP	1241.38
20060606	EOD	18:30	XXXC	GB0000811801	20060609	GBP	708.75
20060606	EOD	18:30	XXXC	GB0004082847	20060609	GBP	-1392.42
20060606	EOD	18:30	XXXH	GB0000044551	20060608	GBP	5794.85
20060606	EOD	18:30	XXXH	GB0000044551	20060609	GBP	-890.76
20060606	EOD	18:30	XXXH	GB0000472455	20060609	GBP	164.11
20060606	EOD	18:30	XXXH	GB0000492412	20060609	GBP	-82.94
20060606	EOD	18:30	XXXH	GB0000595859	20060608	GBP	-1302.12
20060606	EOD	18:30	XXXH	GB0000595859	20060609	GBP	-543.52
20060606	EOD	18:30	XXXH	GB0000811801	20060608	GBP	99.74
20060606	EOD	18:30	XXXH	GB0000811801	20060609	GBP	375.00
20060606	EOD	18:30	XXXH	GB0004082847	20060609	GBP	56.60

6 EREP0005 – NETTING – NET TRADES FOR SETTLEMENT

This reports details the net settlements due as a result of trade date netting today's equity trades.

Report Name	EREP0005 – Netting – Net Trades for Settlement
Report Owner	EquityClear Business Operations
Sort Order	TradePlace > TradeDate > IntendedSettlementDate > SettlementFirmID > TradingCapacity > SubAccount > CSD > SecurityCode > Currency

6.1 Layout

Field Name	Type	Length	Description
LCHReference	Char	16	The LCH generated settlement reference for the net position. This reference is put on the settlement instruction input by LCH.Clearnet when instructing on behalf of the member.
Shape	Char	1	Where a pure net settlement arising from the trade date netting process cannot be instructed into the relevant CSD the net is broken down into components which can be instructed. The value will be set to "S" to indicate that this record is a component of a pure net. The value will be "-" otherwise. For a net resulting in a stock and cash movement in the same direction two components will be created, a free of payment stock movement and a separate cash payment. Please note that this does not apply to settlements in SIX SIS or Euroclear Bank. Where the size of the net settlement breaches settleable limits, shapes are created consisting of one or more maximum size settlements and a balance settlement.
TradePlace	Char	4	The LCH.Clearnet reference for the trade source exchange/MTF (sometimes its MIC). This value will be set to "CLCH" where the netted trades come from trade sources for which cross trade source netting is enabled.
TradeDate	Date	8	Date on which the trade was executed.
IntendedSettlementDate	Date	8	The intended settlement date of the position.
TradingCapacity	Char	1	Legal capacity in which the trading participant has traded, (A)gency or (P)rincipal.
SettlementFirmID	Char	13	Usually the trading firm ID. Where trades from two or more trading firms are to be netted together for settlement they are grouped under this common ID.
SettlementFirmName	Char	40	The name of the settlement firm.
SubAccount	Char	1	LCH.Clearnet sub-Account denomination through which to clear the trade. H(ouse) or C(lient).
CSD	Char	4	An identifier of the CSD in which settlement is to occur.
SettlementAccount	Char	35	The settlement account in the CSD. This is the lower level in a two tier structure (e.g. CREST 'member account')
SettlementAgent	Char	34	The settlement agent identifier in the CSD. This is the higher level in a two tier structure (e.g. CREST 'participant ID')
SecurityCode	Char	20	The ISIN code of the equity.
SecurityName	Char	40	The name of the security.
BuySell	Char	1	Buy (B) or Sell (S) indicator, from the member's perspective. [For net zero stock it could be either value.]

Field Name	Type	Length	Description
Quantity	Int	15	The net number of shares traded for the day. The value is always positive (or zero), the direction of transfer given by the BuySell indicator. If the BuySell indicator is B, then the member is long the stock and due to receive the stock from LCH.Clearnet.
Currency	Char	3	The ISO code of the currency of the financial amounts in the report.
CR/DR	Char	2	CR = Credit (member to receive cash), DR = Debit (member to pay cash). [For net zero cash it could be either value.]
Consideration	Float	15.2	The net consideration of shares traded for the day. The value is always positive (or zero), the direction of transfer given by the CR/DR indicator.

6.2 Example

EREP0005 – Netting – Net Trades for Settlement

<u>LCHReference</u>	<u>Shape</u>	<u>TradePlace</u>	<u>TradeDate</u>	<u>IntendedSettlementDate</u>	<u>TradingCapacity</u>	<u>SettlementFirmID</u>	<u>SettlementFirmName</u>	<u>SubAccount</u>
SBBTP000196B	-	XSWX	20060601	20060607	P	ZYGCG20GC1	Sett Firm GC1	H
SBBTP000396B	-	XSWX	20060601	20060607	P	ZYGCG20NC2	Sett Firm NC2	H
SBBTP000199B	-	XVTX	20060601	20060607	P	ZYGCG20GC1	Sett Firm GC1	H
SBBTP000194B	-	XVTX	20060601	20060607	P	ZYGCG20GC1	Sett Firm GC1	H
SBBTP000191B	-	XVTX	20060601	20060607	P	ZYGCG20GC1	Sett Firm GC1	H
SBBTP000246B	S	XZZZ	20060601	20060607	P	ZYGCG20GC2	Sett Firm GC2	H
SBBTP000247B	S	XZZZ	20060601	20060607	P	ZYGCG20GC2	Sett Firm GC2	H

Continued...

<u>LCHReference</u> ⁶	<u>CSD</u>	<u>SettlementAccount</u>	<u>SettlementAgent</u>	<u>SecurityCode</u>	<u>SecurityName</u>	<u>BuySell</u>	<u>Quantity</u>	<u>Currency</u>	<u>CR/DR</u>	<u>Consideration</u>
SBBTP000196B	SCOM	NONREF	CH112114	CH0011339204	ASCOM N 10	S	3970	CHF	CR	69350.00
SBBTP000396B	SCOM	NONREF	CH112114	CH0011339204	ASCOM N 10	S	3970	CHF	CR	69350.00
SBBTP000199B	SCOM	NONREF	CH112114	CH0012005267	Novartis AG	B	2584	CHF	DR	175712.00
SBBTP000194B	SCOM	NONREF	CH112114	CH0012083017	Julius Bar	B	100	CHF	DR	11020.00
SBBTP000191B	SCOM	NONREF	CH112114	CH0012138530	Credit Suisse	B	34377	CHF	DR	2929420.00
SBBTP000246B	DAKV	1234	1234	DE000BAY0017	Bayer AG	S	1000	EUR	CR	0.00
SBBTP000247B	DAKV	1234	1234	DE000BAY0017	Bayer AG	B	0	EUR	DR	18180.00

⁶ This column does not appear in the file, it is repeated here for reference as this block is a continuation of the rows in the block above.

7 EREP0006 – NETTING – GROSS TRADES FOR GROSS & NET SETTLEMENT

This report details each of today's cash equity trades. It indicates whether settlement will be on a gross or net basis and provides appropriate settlement transaction references. Each version of the report shows the total valid trades received to date today.

Report Name	EREPO006i – Netting – Gross Trades for Gross & Net Settlement ITD EREPO006e – Netting – Gross Trades for Gross & Net Settlement EOD
Report Owner	EquityClear Business Operations
Sort Order	Settlement Type > Trade Place > Trade Date > Intended Settlement Date > Settlement Firm Id > Trade System Participant ID > Trading Capacity > Sub Account > Security Code > Currency > Trade Source Reference

7.1 Layout

Field Name	Type	Length	Description
SettType	Char	8	Type of Settlement – either 'Gross' or 'Nettable'
LCHReference	Char	16	The settlement instruction reference used by LCH.Clearnet when instructing settlement on behalf of the member. For gross settlements the instruction will be as shown on this report. For net settlements this is the reference of the net settlement into which this gross trade was net, as shown on EREP0005. In the intra-day reports the field will be set to "[to be netted]" as the net reference is not yet assigned. In the cases where the net settlement result cannot be instructed as a single settlement and has to be shaped into two or more instructions the field will be set to "[Shaped]".
Shape	Char	1	Where a trade has been requested to be settled gross and the size breaches settleable limits the report does not show the original trade details but the shaped settlement instructions arising. These shapes are created consisting of one or more maximum size settlements and a balance settlement. These shaped records are marked with an "S" in this column or "-" otherwise.
TradePlace	Char	4	The LCH.Clearnet reference for the source exchange/MTF (sometimes its MIC).
CSD	Char	4	An identifier of the CSD in which settlement is to occur.
SettlementAccount	Char	35	The settlement account in the CSD. This is the lower level in a two tier structure (e.g. CREST 'member account')
SettlementAgent	Char	35	The settlement agent identifier in the CSD. This is the higher level in a two tier structure (e.g. CREST 'participant ID')
SecurityCode	Char	20	The ISIN code of the equity.
SecurityName	Char	40	The name of the security.
TradeSourceRef	Char	16	The trade reference of the source exchange/MTF.
TradeDate	Date	8	Date on which the trade was executed. This is the local date of the trade source.
IntendedSettlementDate	Date	8	The intended settlement date of the position.
BuySell	Char	1	Buy (B) or Sell (S) indicator.

Field Name	Type	Length	Description
Quantity	Int	15	The number of shares traded. The value is always positive, the direction of transfer given by the BuySell indicator. If the BuySell indicator is B, then the member is long the stock and due to receive the stock from LCH.Clearnet.
Price	Float	15.6	Price at which the trade was executed.
Currency	Char	3	The ISO code of the currency of the financial amounts in the report.
Consideration	Float	15.2	The consideration to be paid for the equities. The value is always positive. If the BuySell indicator is B, then the member is short cash and payment is due from the member to LCH.Clearnet.
TradeType	Char	4	Identifier of trade type. The possible values are: TRAD – on order book cash equity trade OFTR – off order book cash equity trade CVTT – cash equity trade received from the London Stock Exchange ⁷
ContraReference	Char	16	Trade ID of the original trade. Only exists if the trade is a contra (reversal).
TradeSystemParticipantID	Char	11	The identifier of the trading participant supplied by the source exchange/MTF.
SettlementFirmID	Char	13	Usually the trading firm ID. Where trades from two or more trading firms are to be netted together for settlement they are grouped under this common ID ⁸ .
TradingCapacity	Char	1	Legal capacity in which the trading participant has traded, (A)gency or (P)rincipal.
SubAccount	Char	1	LCH.Clearnet sub-Account denomination through which to clear the trade. H(ouse) or C(lient).
TradeTime	DTime	14	Date and time at which the trade was executed. This is the local time of the trade source.
ClientReference	Char	35	Free text entered by the member of the Trade Place on their order. Can be used by clearing members to internally manage client accounts and reconcile trades with their clients.

⁷ International Order Book (IOB) trades are received by LCH.Clearnet and are shown. SETS trades will be shown as and when these are routed to LCH.Clearnet rather than directly to CREST.

⁸ Where netting is performed by CREST the SettlementFirmID will be the trading firm ID even where netting is to be applied across the trading firm IDs. The grouped SettlementFirmID will be shown on the CREST reports.

7.2 Examples

EREP0006i – Netting – Gross Trades for Gross & Net Settlement ITD

SettType	LCHReference	Shape	TradePlace	CSD	SettlementAccount	SettlementAgent	SecurityCode	SecurityName	TradeSourceRef	TradeDate	IntendedSettlementDate
Gross	SBBTV000231B	S	XVTX	SCOM	NONREF	CH112114	CH0012056047	Nestlé AG	12DC6EEM0000AFF1	20060606	20060609
Gross	SBBTV000232B	S	XVTX	SCOM	NONREF	CH112114	CH0012056047	Nestlé AG	12DC6EEM0000AFF1	20060606	20060609
Gross	SBBTV000233B	-	XVTX	SCOM	NONREF	CH112114	CH0012142631	Clariant AG	12DC6F0M000068EE	20060606	20060609
Gross	SBBTV000234B	-	XVTX	SCOM	NONREF	CH112114	CH0012221716	ABB Ltd	12DC6F2M0029BA48	20060606	20060609
Nettable	[To be netted]	-	XVTX	SCOM	NONREF	CH112114	CH0012032030	UBS AG	12DC93EM000024BC	20060606	20060609
Nettable	[To be netted]	-	XVTX	SCOM	NONREF	CH112114	CH0012032030	UBS AG	12DC93EO000024B8	20060606	20060609
Nettable	[To be netted]	-	XVTX	SCOM	NONREF	CH112114	CH0012032030	UBS AG	12DC93EO000024BA	20060606	20060609
Nettable	[To be netted]	-	XZZZ	DKAV	1234	1234	DE000BAY0017	UBS AG	12DC93EM000024BF	20060606	20060609
Nettable	[To be netted]	-	XZZZ	DKAV	1234	1234	DE000BAY0017	UBS AG	12DC93EM000024C0	20060606	20060609

Continued...

TradeSourceRef ⁹	BuySell	Quantity	Price	Currency	Consideration	TradeType	ContraReference	TradeSystemParticipantID	SettlementFirmID	TradingCapacity	SubAccount
12DC6EEM0000AFF1	B	2737	365.25	CHF	999689.25	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	A	H
12DC6EEM0000AFF1	B	548	365.25	CHF	200157.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	A	H
12DC6F0M000068EE	S	50	18.35	CHF	917.50	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	A	H
12DC6F2M0029BA48	S	1049	14.8	CHF	15525.20	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	A	H
12DC93EM000024BC	S	1	120	CHF	120.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	P	H
12DC93EO000024B8	B	5	120	CHF	600.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	P	H
12DC93EO000024BA	B	95	120	CHF	11400.00	TRAD	12DC93EM000024BF	ZYGCGB20GC1	ZYGCGB20GC1	P	H
12DC93EM000024BF	S	99000	9.26	EUR	916740.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	P	H
12DC93EM000024C0	B	98000	9.54	EUR	934920.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	P	H

Continued...

TradeSourceRef ¹⁰	TradeTime	ClientReference
12DC6EEM0000AFF1	20060606102331	ORDER123/ACCOUNT567
12DC6EEM0000AFF1	20060606102331	ORDER123/ACCOUNT567
12DC6F0M000068EE	20060606105617	ORDER125/ACCOUNT567
12DC6F2M0029BA48	20060606143456	ORDER126/ACCOUNT567
12DC93EM000024BC	20060606152337	ORDER127/ACCOUNT789
12DC93EO000024B8	20060606153100	SPECIAL CASE/ACCOUNT567/PLEASE CALL
12DC93EO000024BA	20060606160001	ORDER123/ACCOUNT567/CONTRA
12DC93EM000024BF	20060606160532	
12DC93EM000024C0	20060606163122	

⁹ This column does not appear in the file, it is repeated here for reference as this block is a continuation of the rows in the block above.

EREP0006e – Netting – Gross Trades for Gross & Net Settlement EOD

SettType	LCHReference	Shape	TradePlace	CSD	SettlementAccount	SettlementAgent	SecurityCode	SecurityName	TradeSourceRef	TradeDate	IntendedSettlementDate
Gross	SBBTV000231B	S	XVTX	SCOM	NONREF	CH112114	CH0012056047	Nestlé AG	12DC6EEM0000AFF1	20060606	20060609
Gross	SBBTV000232B	S	XVTX	SCOM	NONREF	CH112114	CH0012056047	Nestlé AG	12DC6EEM0000AFF1	20060606	20060609
Gross	SBBTV000233B	-	XVTX	SCOM	NONREF	CH112114	CH0012142631	Clariant AG	12DC6F0M000068EE	20060606	20060609
Gross	SBBTV000234B	-	XVTX	SCOM	NONREF	CH112114	CH0012221716	ABB Ltd	12DC6F2M0029BA48	20060606	20060609
Nettable	SBBTV000235B	-	XVTX	SCOM	NONREF	CH112114	CH0012032030	UBS AG	12DC93EM000024BC	20060606	20060609
Nettable	SBBTV000236B	-	XVTX	SCOM	NONREF	CH112114	CH0012032030	UBS AG	12DC93EO000024B8	20060606	20060609
Nettable	SBBTV000237B	-	XVTX	SCOM	NONREF	CH112114	CH0012032030	UBS AG	12DC93EO000024BA	20060606	20060609
[Shaped]	SBBTV000238B	-	XZZZ	DKAV	1234	1234	DE000BAY0017	UBS AG	12DC93EM000024BF	20060606	20060609
[Shaped]	SBBTV000239B	-	XZZZ	DKAV	1234	1234	DE000BAY0017	UBS AG	12DC93EM000024C0	20060606	20060609

Continued...

TradeSourceRef ¹⁰	BuySell	Quantity	Price	Currency	Consideration	TradeType	ContraReference	TradeSystemParticipantID	SettlementFirmID	TradingCapacity	SubAccount
12DC6EEM0000AFF1	B	2737	365.25	CHF	999689.25	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	A	H
12DC6EEM0000AFF1	B	548	365.25	CHF	200157.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	A	H
12DC6F0M000068EE	S	50	18.35	CHF	917.50	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	A	H
12DC6F2M0029BA48	S	1049	14.8	CHF	15525.20	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	A	H
12DC93EM000024BC	S	1	120	CHF	120.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	P	H
12DC93EO000024B8	B	5	120	CHF	600.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	P	H
12DC93EO000024BA	B	95	120	CHF	11400.00	TRAD	12DC93EM000024BF	ZYGCGB20GC1	ZYGCGB20GC1	P	H
12DC93EM000024BF	S	99000	9.26	EUR	916740.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	P	H
12DC93EM000024C0	B	98000	9.54	EUR	934920.00	TRAD		ZYGCGB20GC1	ZYGCGB20GC1	P	H

Continued...

TradeSourceRef ¹¹	TradeTime	ClientReference
12DC6EEM0000AFF1	20060606102331	ORDER123/ACCOUNT567
12DC6EEM0000AFF1	20060606102331	ORDER123/ACCOUNT567
12DC6F0M000068EE	20060606105617	ORDER125/ACCOUNT567
12DC6F2M0029BA48	20060606143456	ORDER126/ACCOUNT567
12DC93EM000024BC	20060606152337	ORDER127/ACCOUNT789
12DC93EO000024B8	20060606153100	SPECIAL CASE/ACCOUNT567/PLEASE CALL
12DC93EO000024BA	20060606160001	ORDER123/ACCOUNT567/CONTRA
12DC93EM000024BF	20060606160532	
12DC93EM000024C0	20060606163122	

¹⁰ This column does not appear in the file, it is repeated here for reference as this block is a continuation of the rows in the block above.

8 EREP0007 – FEES – FEE BASIS BREAKDOWN

This report shows the chargeable trade volumes cleared. It is broken down by Trade System Participant to allow members to on-charge per trade fees.

Report Name	EREP0007 – Fees – Fee Basis Breakdown
Report Owner	EquityClear Business Operations
Sort Order	Fee Month > TradeSource > TradeSystemParticipantId

8.1 Layout

Field Name	Type	Length	Description
FeeMonth	Date	8	The fee month to which the data corresponds. (A day value will be included).
TradeSource	Char	4	The LCH.Clearnet reference for the source exchange/MTF (sometimes its MIC)..
TradeSystemParticipantID	Char	11	The identifier of the trading participant supplied by the source exchange/MTF.
TradeSystemParticipantName	Char	30	The name of the trading participant.
TradedVolume	Int	8	Number of sides cleared.

8.2 Example

EREP0007 – Fees – Fee Basis Breakdown

<u>Fee Month</u>	<u>Trade Source</u>	<u>Trade System Participant ID</u>	<u>TradeSystem Participant Name</u>	<u>Traded Volume</u>
20060503	XLON	ZYGCG20GC1	GC1	10123
20060503	XLON	ZYGCG20NC1	NC1	5585
20060503	XSWX	ZYGCG20NC2	NC2	16
20060503	XSWX	ZYGCG20NC4	NC4	27
20060503	XVTX	ZYGCG20NC5	NC5	556

9 EREP0016 – FEES – SETTLEMENT COST BREAKDOWN

This report shows the volume of LCH.Clearnet settlements to fulfil the settlement obligations with the member. It is broken down by Settlement Firm¹¹ to allow members to on-charge per settlement fees.

Report Name	EREP0016 – Fees – Settlement Cost Breakdown
Report Owner	EquityClear Business Operations
Sort Order	Fee Month > TradeSource > CSD > SettlementFirmID

9.1 Layout

Field Name	Type	Length	Description
FeeMonth	Date	8	The fee month to which the data corresponds. (A day value will be included).
TradeSource	Char	10	A short description of the source exchange/MTF.
CSD	Char	4	An identifier of the CSD in which settlement is to occur.
SettlementFirmID	Char	13	Usually the trading firm ID. Where trades from two or more trading firms are to be netted together for settlement they are grouped under this common ID.
SettlementFirmName	Char	40	The name of the settlement firm.
SettlementVolume	Int	8	Number of settlements instructed.

¹¹ The Settlement Firm volumes shown for UK & Irish equities do not include the volumes for markets where CREST CCP Services are used for clearing. However, these volumes are shown on the LCH.Clearnet invoice for the EUI settlement fee recharge.

9.2 Example

EREP0016 – Fees – Settlement Cost Breakdown

<u>Fee Month</u>	<u>Trade Source</u>	<u>CSD</u>	<u>Settlement Firm ID</u>	<u>Settlement Firm Name</u>	<u>Settlement Volume</u>
20060503	I0B	ECLR	ZYGCG20GC1	GC1	10123
20060503	SWX	SCOM	ZYGCG20NC2	NC2	16
20060503	SWX	SCOM	ZYGCG20NC4	NC4	27
20060503	SWX	SCOM	ZYGCG20NC5	NC5	556

10 EREP0020 – MARGIN – SUMMARY AT SETTLEMENT FIRM LEVEL

This report shows settlement firm margin liabilities, as calculated by ERA, arising from their positions as shown on EREP0002. It should be noted that CFD positions are always held in different settlement firms IDs from cash equity positions, hence no CFD offset margin arises.

Report Name	EREPO020i – Margin – Summary at Settlement Firm Level ITD EREPO020e – Margin – Summary at Settlement Firm Level EOD
Report Owner	LCH.Clearnet Risk Management
Sort Order	AccountCode > SettlementFirmType > SettlementFirmID > Currency

10.1 Layout

Field Name	Type	Length	Description
CurrentBusinessDay	Date	8	The business day being reported.
RunId	Char	4	ITD for Intra-Day report run. EOD for End-of-Day report run.
RunTime	Char	5	Time of the margin run.
AccountCode	Char	4	Concatenation of the member mnemonic and the House/Client sub-account indicator (e.g. XXXH or XXXC).
SettlementFirmType	Char	8	Either 'ACM CFD', 'CFD' or 'Equity'.
SettlementFirmID	Char	13	Usually the trading firm ID. Where trades from two or more trading firms are to be netted together for settlement they are grouped under this common ID.
Currency	Char	3	The ISO code of the currency of the financial amounts in the report.
InitialMargin	Float	15.2	The initial margin liability calculated using the portfolio method. (It will always be negative).
AlternativeInitialMargin	Float	15.2	The initial margin liability calculated using the flat rate method. (It will always be negative).
VariationMargin	Float	15.2	The total variation margin liability. A positive value is a credit to the member and a negative value is a debit against the member.

10.2 Example

EREP0020 – Margin – Summary at Settlement Firm Level

<u>Current Business Day</u>	<u>RunId</u>	<u>RunTime</u>	<u>Account Code</u>	<u>Settlement Firm Type</u>	<u>Settlement Firm ID</u>	<u>Currency</u>	<u>Initial Margin</u>	<u>Alternative Initial Margin</u>	<u>Variation Margin</u>
20060606	EOD	11:23	XXXC	CFD	CFDSETT2	GBP	-385625.24	-1008.02	-2371.24
20060606	EOD	11:23	XXXH	ACM CFD	CFDSETT3	GBP	-486133.12	-28515.02	46466.35
20060606	EOD	11:23	XXXH	Equity	CFDSETT1	GBP	-5864.72	0.00	464.54