LCH

Banking reports reference guide (excluding FCMs)

This reference guide has been designed to aid non FCM Clearing Members of both LCH Ltd and LCH LLC in understanding and reconciling their Banking reports. LCH Ltd and LCH LLC will be referred to as LCH throughout the remainder of this guide.

LSEG POST TRADE

Contents

Introduction

- This reference guide is designed to assist Clearing Members (excluding FCMs) of LCH with the reconciliation of cash flows between LCH Ltd's (LCH) Banking system and their own system(s). LCH and LCH LLC will be referred to as 'LCH throughout the remainder of this guide
- The **Banking Reports** sections provide specific examples detailing the postings and currencies relating to each market. These include instructions on how to access the Banking reports
- The **Additional Banking Reports** section provides details of the generic reports which relate to all markets
- The **Glossary of Terms** provides a reference for all the terminology used on the reports

Margin account and collateral account information

For Clearing Members (of LCH Ltd) operating individually segregated accounts (ISAs), omnibus segregated accounts (OSAs) or indirect client accounts (ICAs) under the European Markets Infrastructure Regulation (EMIR), LCH will provide additional account information in Clearing Member Banking reports to aid traceability of client liabilities to assets.

- For new ISAs, OSAs and ICAs, the ‘Account field’ which displays the one or four digit Collateral Account ID, will be supplemented with the Margin Account ID
- This ID is used to reflect liabilities across all reports on the Member Reporting website (Extranet)
- This additional information will only be displayed on new account types – existing ‘H’ and ‘C’ accounts will not display a Margin Account ID
- Margin Account ID values can vary between markets, so for ease of use, the reports will also display the associated code for the service before the Margin Account ID, separated from the identifier by a hyphen (e.g. SWP-GIG004DISA)
- In the event of the same Collateral Account ID being utilised across different markets, all identifiers will be displayed and separated by a forward slash. Please see the next page for examples
- ‘Account’ field length has been increased from 10 characters to 200 characters to accommodate the new identifiers

The examples below show the various identifiers in the Account field of each Banking report:

Collateral Account

Account field	Explanation
Account H	"H" House and "C" Client OSAs continue to be reported in the same way with the standard "H" and "C" references
Account C	
Account S123/SWP-GIG004DISA	ISA "S123" is associated to LCH SwapClear (SWP) Margin Account ID "GIG004DISA"
Account S45T/LME-CLIENTID456/ECL-ABCCCLIENTIDDEF/NLX-CI1234ABCD	ISA "S45T" is associated to LME (LME) Margin Account ID "CLIENTID456, LCH EquityClear (ECL) Margin Account ID "ABCCCLIENTIDDEF" and NLX (NLX) Margin Account ID "CI1234ABCD" i.e. these are for the same client but identified differently on each market
Account OG12/FXC-ABCOG12	OSA "OG12" is associated to LCH ForexClear (FXC) Margin Account ID "ABCOG12"
Account V963/SWP-NETGIG004NOSA	ICA sub account "V963" is associated to LCH SwapClear (SWP) Margin Account ID "NETGIG004NOSA"

The below table provides details of how each service will format its Margin Account ID:

Service	Service Code	OSA Format	ISA Format	ICA Format
LCH Listed Rates	IRM	<2!a ("CN" OR "CG")>+<8c>	<2!a ("CI")>+<8c>	<2!a ("CN")>+<8c>
LCH SwapClear	SWP	<29c>+<3!a ("OSA")>	<29c>+<3!a ("ISA")>	<29c>+<3!a ("ISA")>
LCH ForexClear	FXC	<3!a (Mnemonic)>+<1!a ("O")>+<3c>	<3!a (Mnemonic)>+<1!a ("S")>+<3c>	<3!a (Mnemonic)>+<1!a ("V")>+<3c>
LCH RepoClear[1]	RCL	(Not Applicable)	(Blank)	(Not Applicable)
LCH EquityClear[2]	ECL	(Not Applicable)	<3!a (Mnemonic)>+<1!a (“C”)>+28c (Settlement Firm ID)	<3!a (Mnemonic)>+<1!a (“C”)>+28c (Settlement Firm ID)

Notation

Length restrictions	nn	maximum length
	nn!	fixed length
Types of character	a	alphabetic, capital letters (A through Z), upper case only
	c	alpha-numeric capital letters (upper case), and digits only
Reference structure	<...>	one element where ... represents any allowed combinations of length or character
	+	a reference structure made up of multiple elements combined together before and after the +
Nature	(...)	the nature of the reference where ... represents a value specific to the market
	“...”	a fixed code where ... represents the value of the code
Example	**<2!a ("CN" OR "CG")>+<8c>**	**fixed two uppercase letters, either CN or CG followed by up to eight uppercase letters or digits**

[1] LCH RepoClear only supports one OSA, ISA or ICA per mnemonic which will always be the “C” account. More mnemonics can be opened if more are required.
[2] LCH EquityClear only supports one OSA per mnemonic which will always be the “C” account.

L accounts

In order to reduce PPS movements, cash postings such as variation margin (VM) may be netted to a single call or pay per currency across multiple ISAs, OSAs or ICAs[3]. Under such scenarios, the Clearing Member will see movements against the "L" account rather than the specific ISA, OSA or ICA that caused the movement[4]. These movements will be reported at either individual transaction level or net per currency as follows:

Reports showing the "L" account with individual transactions	Reports showing net call or pay per currency on the "L" account
– REP00022 – Yesterday's Cover Account Postings – REP00022a – Today's Non Cover Account Postings	– REP00019 – Overnight Cover Distribution – REP00031 – Collateral and Exposure Summary – REP00033a – ITD PPS Movement Detail

[3] LCH SwapClear nets for all account types, other business lines recommend this for ISAs only. See "LCH Account Structures under EMIR" for more details: See page 145 for location on the web site.
[4] Please refer to the clearing system reports for a breakdown of cash postings and VM per ISA, OSA or ICA. See page 145.

LCH portal file names & file structure

Filenames

From Q3 2016 new LCH report naming standards are applied. The new report name will be the same as the old filename with the only change being that the report name will start with a control string, terminating in an underscore: ‘ _’

e.g.
Old name:
REP00019 – Overnight Cover Distribution_ 1.TXT

New name:
P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00019 – Overnight Cover Distribution_ 1.TXT

<Control Prefix>REP00019 – Overnight Cover Distribution_ 1.TXT

The control string will initially be made up as shown. However, as there is potential for this to change in the future Members should note for system development purposes that it will always end with an underscore, with no underscore appearing earlier in the control string.

A complete list of Banking filenames is provided below

Current State file name	Future State filename
Margin Weight.txt	P-PBNK-XXX-YYYYMMDD-HHMMSS_Margin Weight.txt
Member TDL Allocation.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation.pdf
REP00019 – Overnight Cover Distribution.PDF	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00019 – Overnight Cover Distribution.PDF
REP00019 – Overnight Cover Distribution_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00019 – Overnight Cover Distribution_ 1.TXT
REP00020 – Commodity Group Total.PDF	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00020 – Commodity Group Total.PDF
REP00020 – Commodity Group Total_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00020 – Commodity Group Total_ 1.TXT
REP00021 – Initial And Variation Margin.PDF	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00021 – Initial And Variation Margin.PDF
REP00021 – Initial And Variation Margin_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00021 – Initial And Variation Margin_ 1.TXT
REP00022 – Yesterday's Cover Account Postings.PDF	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00022 – Yesterday's Cover Account Postings.PDF
REP00022 – Yesterday's Cover Account Postings_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00022 – Yesterday's Cover Account Postings_ 1.TXT
REP00022a – Today's Non-Cover Account Postings.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00022a – Today's Non-Cover Account Postings.pdf
REP00022a – Today's Non-Cover Account Postings_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00022a – Today's Non-Cover Account Postings_ 1.TXT
REP00029 – Yesterday's Postings Total.PDF	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00029 – Yesterday's Postings Total.PDF
REP00029 – Yesterday's Postings Total_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00029 – Yesterday's Postings Total_ 1.TXT
REP00031 – Collateral and Exposure Summary.PDF	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00031 – Collateral and Exposure Summary.PDF
REP00031 – Collateral and Exposure Summary_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00031 – Collateral and Exposure Summary_ 1.TXT
REP00032 – Member Default Fund.PDF	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00032 – Member Default Fund.PDF
REP00032 – Member Default Fund_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00032 – Member Default Fund_ 1.TXT

Current State file name	Future State filename
REP00033a – ITD PPS Movement Detail.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00033a – ITD PPS Movement Detail.pdf
REP00033a – ITD PPS Movement Detail_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00033a – ITD PPS Movement Detail_ 1.TXT
REP00033b – ITD PPS Aggregation Detail.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00033b – ITD PPS Aggregation Detail.pdf
REP00033b – ITD PPS Aggregation Detail_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00033b – ITD PPS Aggregation Detail_ 1.TXT
REP00036 – Non Cash Collateral Holdings.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00036 – Non Cash Collateral Holdings.pdf
REP00036 – Non Cash Collateral Holdings_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00036 – Non Cash Collateral Holdings_ 1.TXT
REP00036a – SOD Non Cash Collateral Holdings.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00036a – SOD Non Cash Collateral Holdings.pdf
REP00036a – SOD Non Cash Collateral Holdings_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00036a – SOD Non Cash Collateral Holdings_ 1.TXT
REP00037 – Statement of Account.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00037 – Statement of Account.pdf
REP00037 – Statement of Account_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00037 – Statement of Account_ 1.TXT
REP00037 – Statement of Account_ 2.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00037 – Statement of Account_ 2.TXT
REP00040 – Monthly Interest.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00040 – Monthly Interest.pdf
REP00040 – Monthly Interest.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00040 – Monthly Interest_ 1.TXT
REP00017 – Daily Base Rates.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00017 – Daily Base Rates.pdf
REP00017 – Daily Base Rates_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00017 – Daily Base Rates_ 1.TXT
REP00018 – Daily Exchange Rates.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00018 – Daily Exchange Rates.pdf
REP00018 – Daily Exchange Rates_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00018 – Daily Exchange Rates_ 1.TXT
Member TDL Allocation Exposure Report_1 May 2014.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation Exposure Report_1 May 2014.pdf
Member TDL Allocation Report_30 June 2014.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation Report_30 June 2014.pdf
Member TDL Allocation Report_30 June 2015.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation Report_30 June 2015.pdf

Current State file name	Future State filename
Member TDL Allocation Report_30 September 2014.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation Report_30 September 2014.pdf
Member TDL Allocation Report_30 September 2015.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation Report_30 September 2015.pdf
Member TDL Allocation Report_31 December 2014.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation Report_31 December 2014.pdf
Member TDL Allocation Report_31 December 2015.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation Report_31 December 2015.pdf
Member TDL Allocation Report_31 March 2015.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_Member TDL Allocation Report_31 March 2015.pdf
REP00017 – Daily Base Rates.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00017 – Daily Base Rates.pdf
REP00017 – Daily Base Rates_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00017 – Daily Base Rates_ 1.TXT
REP00018 – Daily Exchange Rates.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00018 – Daily Exchange Rates.pdf
REP00018 – Daily Exchange Rates_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00018 – Daily Exchange Rates_ 1.TXT
REP00018a – Daily Exchange Rates _ALL CCY.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00018a – Daily Exchange Rates _ALL CCY.pdf
REP00018a – Daily Exchange Rates _ALL CCY_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00018a – Daily Exchange Rates _ALL CCY_ 1.TXT
REP00034 – Collateral Prices.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00034 – Collateral Prices.pdf
REP00034 – Collateral Prices_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00034 – Collateral Prices_ 1.TXT
REP00035 – Pay Down Factors.pdf	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00035 – Pay Down Factors.pdf
REP00035 – Pay Down Factors_ 1.TXT	P-PBNK-XXX-YYYYMMDD-HHMMSS_REP00035 – Pay Down Factors_ 1.TXT

The following table displays the standard folder structure – effective Q4 2016.

Main Folder view	Public/Shared folder view	Commentary
Member Mnemonic/Banking Monthly file 1 Monthly file 2 /Current Date Daily Files /Current Date-1 Daily Files /Current Date-2 Daily Files /Current Date-3 Daily Files /Current Date -4 Daily Files /Current Date -5 Daily Files	Public/Banking /Current Date Daily Files /Current Date-1 Daily Files /Current Date-2 Daily Files /Current Date-3 Daily Files /Current Date -4 Daily Files /Current Date -5 Daily Files	– Dated folder structure for daily files – Periodic files are placed under root folder – Online history for each service will be retained in dated folders under each service

Banking reports for LCH RepoClear

Banking reports for LCH RepoClear

- LCH RepoClear Banking reports are accessible via the LCH Portal
- This guide provides specific examples detailing postings and currencies for LCH RepoClear – these are the minimum number of reports required on a daily basis for reconciliation purposes
- These postings will be amalgamated under commodity group RCL
- Postings for all markets will be shown on the same report

Daily banking reports

- REP00019 – Overnight Cover Distribution
- REP00020 – Commodity Group Total*
- REP00021 – Initial and Variation Margin
- REP00022 – Yesterday's Cover Account Postings
- REP00022a – Today's Non Cover Account Postings
- REP00029 – Yesterday's Postings Total* (1)
- REP00031 – Collateral and Exposure Summary

- REP00032 – Member Default Fund
- REP00033a – ITD PPS Movement Detail
- REP00036 – Non-Cash Collateral Holdings
- REP00036a – SOD Non-Cash Collateral Holdings* (2)

Monthly banking reports

- Statement of Account
- REP00040 – Monthly Interest

Monthly fees reports

- REP00041 – Monthly Fees Report

Public folder banking reports

- REP00017 – Daily Base Rates
- REP00018 – Daily Exchange Rates

Public folder fees reports

- REP00042 – Daily Collateral Fees Report

* Not included in this reference guide (1) The same information can be viewed in more detail in REP00022; (2) This report is produced overnight, and as such contains less information than the intraday REP00036

How to access reports

Instructions on how to access Banking reports from the Member Reporting website (Extranet):

1. Open Internet Explorer and enter https://clearsingservices.lch.com
2. Enter your User Name and Password
3. Select ‘Banking’ from the folder option list
4. Upon opening, a list of the reports available and the time that they were produced will be displayed. Two types of files are available; .pdf and .txt files

   – The .pdf files are viewable and printable from most computer systems
   – The .txt files are text versions for downloading report data
   – Any report listed can be accessed by selecting the name
   – Select the required date from the main menu to access historical reports. Reports are available for five days
   – For Fees, Risk or Trade reports select the appropriate folder from the main menu list

LCH portal

Any issues with missing reports or problems accessing the LCH portal should be directed to the LCH Service Desk:

- UK Tel: +44 (0) 20 7426 7200
- US Tel: +1 (212) 513 5624
- Email: servicedesk@lch.com

Name	Size	
x.txt	0.0k	Download (0.0k)
Statement of Account RESMT01.TXT	33.4k	Download (33.4k)
REP00038 - Interest and Accommodation_ 3.TXT	0.1k	Download (0.1k)
REP00038 - Interest and Accommodation_ 2.TXT	0.1k	Download (0.1k)
REP00038 - Interest and Accommodation_ 1.TXT	0.7k	Download (0.7k)
REP00038 - Interest and Accommodation.pdf	92.2k	Download (92.2k)
REP00037 - Statement of Account_ 2.TXT	0.3k	Download (0.3k)
REP00037 - Statement of Account_ 1.TXT	12.0k	Download (12.0k)
REP00037 - Statement of Account.pdf	129.4k	Download (129.4k)
REP00036a - SOD Non Cash Collateral Holdings_ 1.TXT	0.1k	Download (0.1k)
REP00036a - SOD Non Cash Collateral Holdings.pdf	63.3k	Download (63.3k)
REP00036 - Non Cash Collateral Holdings_ 1.TXT	0.1k	Download (0.1k)
REP00036 - Non Cash Collateral Holdings.pdf	63.0k	Download (63.0k)
REP00033a - ITD PPS Movement Detail_ 1.TXT	0.1k	Download (0.1k)
REP00033a - ITD PPS Movement Detail.pdf	58.0k	Download (58.0k)
REP00032 - Member Default Fund_ 1.TXT	0.3k	Download (0.3k)
REP00032 - Member Default Fund.pdf	79.1k	Download (79.1k)
REP00030 - Cover Calling Summary_ 1.TXT	0.4k	Download (0.4k)
REP00030 - Cover Calling Summary.pdf	81.9k	Download (81.9k)
REP00029 - Yesterdays Postings Total_ 1.TXT	0.4k	Download (0.4k)
REP00029 - Yesterdays Postings Total.pdf	85.9k	Download (85.9k)
REP00022a - Todays Tender Account Postings_ 1.TXT	0.2k	Download (0.2k)
REP00022a - Todays Tender Account Postings.pdf	63.0k	Download (63.0k)
REP00022a - Todays Non-Cover Account Postings_ 1.TXT	0.2k	Download (0.2k)
REP00022a - Todays Non-Cover Account Postings.pdf	62.3k	Download (62.3k)
REP00022 - Yesterdays Cover Account Postings_ 1.TXT	1.3k	Download (1.3k)
REP00022 - Yesterdays Cover Account Postngs.pdf	103.6k	Download (103.6k)
REP00021 - Initial And Variation Margin_ 1.TXT	0.4k	Download (0.4k)
REP00021 - Initial And Variation Margin.pdf	82.0k	Download (82.0k)
REP00020 - Commodity Group Total_ 1.TXT	0.4k	Download (0.4k)
REP00020 - Commodity Group Total.pdf	62.1k	Download (62.1k)
REP00019 - Overnight Cover Distribution_ 1.TXT	1.3k	Download (1.3k)
REP00019 - Overnight Cover Distribution.pdf	88.1k	Download (88.1k)
I&A Invoice REINVMR.TXT	9.0k	Download (9.0k)

REP00031: Collateral and exposure summary

This report provides a summary of the overnight margin process. The report displays the total start of day margin requirement (exposure), the total start of day collateral value, and whether there is a deficit or surplus.

Any deficits will be margin called in cash, with a PPS margin call initiated to your nominated PPS bank. This PPS call will require confirmation of credit by 9am UK time by your PPS provider. It is the clearing member's responsibility to ensure that they hold sufficient account balance or credit arrangement for their PPS bank to confirm payment.

Any surplus in cash collateral will be treated by LCH in one of two ways dependent on whether auto-repay feature is enabled:

(i) Auto-repaid, shown in the report as *Return amount*, by which it will be returned to your nominated UK PPS account.

(ii) Retained on LCH's books as collateral excess

In the case of House subaccounts and EMIR client subaccounts for GBP, EUR and USD, LCH will permit members to choose whether auto-repay is enabled or disabled. For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations.

For House and EMIR Client subaccounts, Members can set an order of collateral utilisation by currency. The member can also select which currency they will be margin called for an Exposure deficit. These preferences can be set by completing the Banking preferences form (found at https://www.lch.com/system/files/media_root/Collateral/Banking%20Preferences%20Form%20v4.xlsx). For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations. For further queries in respect to this form, please reach out to collateral.clientservices@lch.com.

Further details of each field in the report 31 can be found in the other Banking reports detailed in this reference guide.

Date	14/05/20XX	
Member	ABC	ABC BANK
Account	H	
Currency of Risk	GBP	

The Currency of Risk (CoR) detailed is determined by the risk team, based on the trading activity. It affects the haircuts applied to collateral and it is re-evaluated monthly. In general, Currency of Risk is determined by the by the currency providing the largest contribution to Initial Margin.

If Return Excess is switched to 'No' (N), Clearing Members have until 09:30 (UK Time) to request any excess funds, via CMS, to be paid into PPS account

Ccy	Exchange Rate	Exposure Amount	Total Value of Collateral	Liability Shortage	Expected Collateral	Call Amount	Return Amount	Return Excess	Excess Collateral Value
EUR	1.06360	0.00	0	0.00		0.00	0.00	Y	0.00
GBP	1.000000	-3,300,000.00	3,000,000.00	-300,000		300,000.00	0.00	N	0.00
USD	1.45618	0.00	0	0.00		0.00	0.00	Y	0.00
This will list all the currencies in which liabilities or balances are held	This rate is calculated at 16:00 daily and is a notional rate used in the cover Distribution process	This shows the total liability requirement. The liabilities for LCH RepoClear are always in GBP or EU R.	This is the total post haircut value of all collateral (cash and securities) denominated in the reporting currency.	This shows the amount of deficit per exposure amount when compared to the total value of collateral (in all currencies). A margin call will be issued to cover this shortage.	If the margin call is issued in an alternative currency (due to the Clearing Member's margin call preferences) then that alternative ccy is shown here. Clearing Members can request that liabilities are covered with any of the LCH IM Acceptable Currencies.	The total margin call amount in each currency. This includes both initial margin and variation margin calls.	The total amount of excess or variation margin automatically returned (auto-repay) in each currency.	The Clearing Member's preference for the automatic return of excess (auto-repay) for each currency (Y or N). Will show S when autorepay is Suspended due to a ccy holiday.	The total value of Excess collateral (cash and securities post haircut value) denominated in the Reporting currency after excess is returned.
	See REP00018	See REP00021	See REP00036a (non-cash) and REP00046a (cash)	See REP00019		See REP00019	See REP00019	See REP00019	See REP00019

REP00021: Initial and variation margin

– This report provides information on the initial and variation margin requirements, and indicates the commodity group/commodity code

Date	14/05/20XX	
Member	ABC	ABC BANK
Account	H	
Currency	EUR	
Commodity Group	RCL	

This represents delivery margin

These types of margin do not apply to LCH RepoClear business, and therefore these columns will always display 0.00

Contract	Initial Margin	NLV/Variation Margin	Cont/Spot Margin	Additional Margin
REU REPOS	-2,500,000.00	200,000.00	0.00	0.00

R = RepoClear + (LCH)
EU = currency (EURO)

See Total Liability column in REP00031 for the difference between these two margin amounts

Total initial margin	:	-2,500,000.00
Total variation margin	:	200,000.00
Total spot credit	:	0.00
Total spot debit	:	0.00
Total additional margin	:	0.00

Net total liability = EUR -2,300,000
See REP00019

These types of margin do not apply to LCH RepoClear business, and therefore these columns will always display 0.00

REP00022: Yesterday's cover account postings 1

- This report provides details of the previous day's:
  - cash transactions (cover) by currency
  - cash call balance
  - any amounts which were paid or received
  - closing balance upon which interest or accommodation charges will be levied

Postings 1

Date 14/05/20XX

Member ABC ABC BANK

Account H

Currency EUR

Yesterday's Call Balance: 0.00

These columns are always blank for PPS calls and pays on Postings 1

This column defaults to today's date*

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
PPS CALL				13-May-20XX	13-May-20XX		250,000.00	
					Totals for Com:		**250,000.00**	
					Totals for Postings 1:		**250,000.00**	

This column displays the type of movements on the account: PPS pay (debit) or PPS call: (credit)

The reference column will display a reference number for credit or debit notes

This row displays the total value of movements across the account

Yesterday's I & D Balance: 250,000.00

Interest on this balance will be applied at a rate calculated by LCH

* Please note that this column will display the value date incorrectly on Bank holidays (where is it a Bank holiday in the country of the origin of the underlying currency of the market)

REP00022: Yesterday's cover account postings 2

– This report provides details of all overnight postings to the account, such as variation margin

Date 14/05/20XX

Member ABC ABC BANK

Account H

Currency EUR

Postings 2

Yesterday's Call Balance: 250,000.00

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
PR AL INTST	REU	RCL		14-May-20XX	13-May-20XX		1,000.00	
					Totals for Com REU:		**1,000.00**	
NPV CHANGE	REU	RCL		14-May-20XX	13-May-20XX		749,000.00	
					Totals for Com REU:		**749,000.00**	
					Totals for Postings 2:		**750,000.00**	**750,000.00**

Today's At call Cover Balance: 1,000,000.00

This columns is always blank for these postings on LCH RepoClear

This column defaults to today's date

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Price alignment interest

NPV = Net present value

This column displays the contract code:
R = RepoClear (LCH)
EU = Currency (EURO)

This column displays the commodity group: RCL for RepoClear (LCH)

This row displays the total value of postings to the account

This is displayed as the opening cash cover balance on REP00019

REP00022a: Today's non-cover account postings

– This report provides details of non-cover related account postings, such as Interest or coupon payments due
– Example below illustrates ABC member receiving the coupon payments on the 2 Bonds
– 'Reference' field states the security's ISIN, the nominal amount, and the interest rate, respectively
– 'Credit' field illustrates the amount of coupon payment to the member's account at LCH

Doc No - REP00022a

LCH.Clearnet Limited   Report Last Refreshed: 01/01/2000 7:00

Today's Non-Cover Account Postings

Postings 1

Date 01/01/2000

Member ABC   ABC Bank

Account C

Currency USD

Balance At Start Of Day : 0.00

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
Margin Coupon			US912828F213; 17,005,000.00; 0.01062	01-Jan-2000	01-Jan-2000	0.00	180,678.13	
				Totals for Com :		0.00	180,678.13	180,678.13
Margin Coupon			US912828F478; 54,318,000.00; 0.00250	01-Jan-2000	01-Jan-2000	0.00	135,795.00	
				Totals for Com :		0.00	135,795.00	135,795.00

REP00019: Overnight cover distribution

– This report provides details of how overnight liabilities are covered, and any excesses, or shortfalls. Shortfalls result in a margin call

Date	14/05/20XX	
Member	ABC	ABC BANK
Account	H	
Currency	EUR	Screen currency

			Amount	Total
Cash Cover Balance:	CREDIT	Opening cash balance	1,000,000.00	1,000,000.00
Comm Group	LIABILITY		-2,300,000.00	
RCL EUR	Bonds	See REP00036	1,000,000.00	
	Other Cash	i.e. Cash cover balance	1,000,000.00	0.00
Liability Shortage EUR		This will be debited overnight		-300,000.00
Total Net Shortage of EUR		See REP00031 (net shortage protected payment column) which shows a margin call for this amount		-300,000.00

Overall Unutilised		Amount	Total
	Other Cash (GBP)	3,597,128.94	5,899,291.46
	Other Cash (USD)	1,000,000.0	1,118,270.77
		Excess cash	These figures represent the screen currency equivalent

REP00032: Member default fund

- This report displays the Default Fund contribution by Clearing Member
- The LCH RepoClear Default Fund is paid in GBP sterling or EUR and is recalculated on a monthly basis

Date	07/11/20XX	
Member	ABC	ABC BANK
Account	F	
Currency	GBP	

Displays the minimum required contribution to the Default Fund

Fund	Required MDF Contribution	Start Date	End Date
RDF	2,222,222.00	04 Oct 20xx	05 Nov 20xx
RDF	4,235,222.00	06 Nov 20xx	04 Dec 20xx

Three letter identifier for the type of segregated fund:
RDF = RepoClear Default Fund (LCH)

Displays the date range for the recalculation period

REP00033a: PPS movement detail

– This report shows the total amount of PPS calls and pays broken down into the individual movements by currency throughout the day
– Clearing Members are advised to check this report daily at 14:30 and 16:00, and save copies of the reports each day

Date	14/05/20XX
Member	ABC
Account	H

Ldg = ledger
COV = cover account

The liability, as shown in REP00031, exceeded the cover, resulting in a PPS call of 300,000 EUR

PPS pays will be displayed here, if the cover exceeds the liability (only if Auto-repay is switched on)

Displays the time, in 24 hour clock, that the PPS call was made

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
EUR	COV	300,000		14/05/20xx	02:55
EUR	**Total:**	**300,000**			

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
GBP	COV		3,597,128.94	14/05/20xx	
GBP	**Total:**		**3,597,128.94**		

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
USD	COV		2,000,000.00	14/05/20xx	
USD	**Total:**		**2,000,000.00**		

All amounts are displayed by time, in ascending order.

PPS calls have a time stamp

Displays the currency of the PPS call or PPS pay

Displays the value of the PPS call in the currency shown in the column to the left

Displays the value of the PPS payment in the currency shown in the column to the left

The value date is the date on which a cash posting can be used for cover purposes

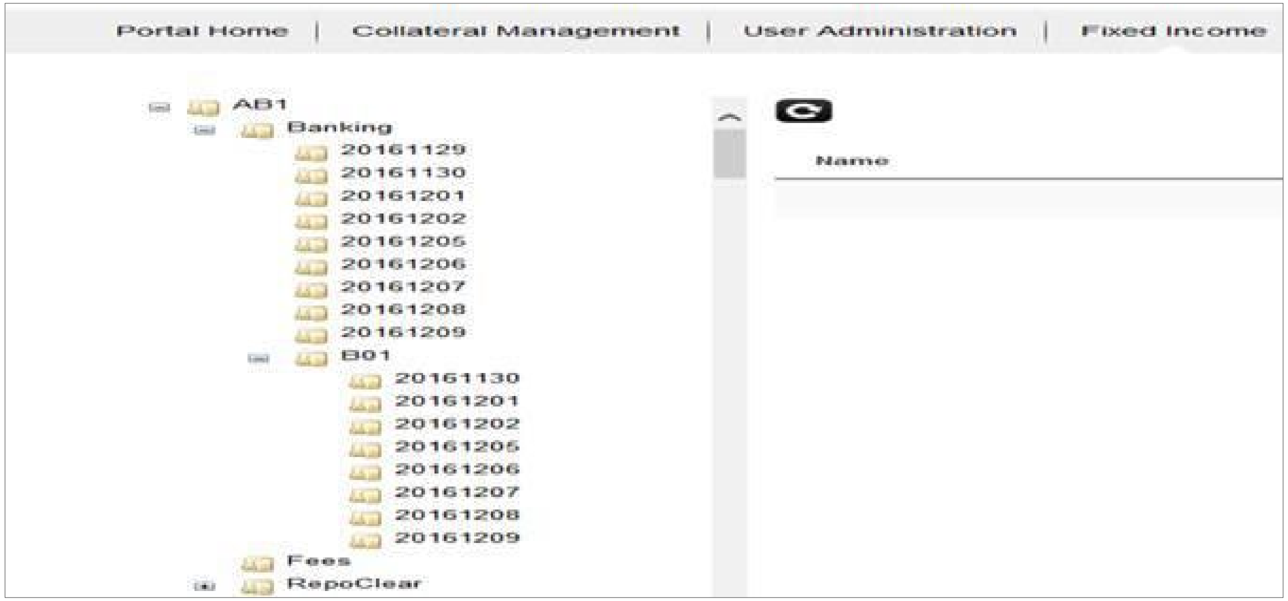
Banking reports for LCH RepoClear sponsored clearing

How to access reports for sponsored and agent clearing members from the portal.

For access to Banking reports for LCH Repoclear Sponsored Clearing membership specifically:

- Open Internet Explorer and enter https://clearingservices.lch.com
- Enter your User Name and Password
- Agent members and Sponsored members should expand on their respective mnemonic folder.
- Each sponsored member will receive the suite of banking reports. In addition to this the Agent Member acting on the behalf of the sponsored member will also receive these reports.
- A separate subfolder will be shown for each sponsored member linked to and agent member.
- Select 'Banking' from the folder option list
- Upon opening, a list of the reports available and the time that they were produced will be displayed. Two types of files are available; .pdf and .txt files
- The .pdf files are viewable and printable from most computer systems
- The .txt files are text versions for downloading report data
- Any report listed can be accessed by selecting the name
- Select the required date from the main menu to access historical reports. Reports are available for five days
- For Fees, Risk or Trade reports select the appropriate folder from the main menu list

Example: Agent Member AB1 will receive both their own report suite and a subfolder of data for their Sponsored Member B01



Sponsored clearing folder structure:

Main Folder view (Sponsored Member)	Main Folder view (Agent Member)	Commentary
Sponsored Member Mnemonic/Banking	Agent Member Mnemonic/Banking	- Dated folder structure for daily files
Monthly file 1	Monthly files	- Periodic files are placed under root folder of Agent Member or Sponsored Member
Monthly file 2	/Current Date	-Online history for each service will be retained in dated folders under each service
/Current Date	Daily Files	- File name on Sponsored Member folder will show Sponsored Member mnemonic and Agent Member name
Daily Files	/Current Date-1	
/Current Date-1	Daily Files	
Daily Files	/Current Date-2	
/Current Date-2	Daily Files	
Daily Files	/Current Date-3	
/Current Date-3	Daily Files	
Daily Files	/Current Date -4	
/Current Date -4	Daily Files	
Daily Files	/Current Date -5	
/Current Date -5	Daily Files	
Daily Files	/Sponsored Member Mnemonic	
	Monthly Files	
	/Sponsored Member Mnemonic/Current Date-1	
	Daily Files	
	/Sponsored Member Mnemonic/Current Date-2	
	Daily Files	
	/Sponsored Member Mnemonic/Current Date-3	
	Daily Files	
	/Sponsored Member Mnemonic/Current Date-4	
	Daily Files	
	/Sponsored Member Mnemonic/Current Date-5	
	Daily Files	

Banking reports for LCH SwapClear

Banking reports for LCH SwapClear

- LCH SwapClear Banking reports are accessible via the LCH Portal
- This guide provides specific examples detailing postings and currencies for LCH SwapClear – these are the minimum number of reports required on a daily basis for reconciliation purposes
- These postings will be amalgamated under commodity groups: ‘SWP’ for SwapClear Global Service (LCH), and ‘SUS’ for SwapClear US-Domiciled Service (LCH LLC)
- Postings for all markets will be shown on the same report

Daily Banking Reports

- REP00019 – Overnight Cover Distribution
- REP00020 – Commodity Group Total*
- REP00021 – Initial and Variation Margin
- REP00022 – Yesterday’s Cover Account Postings
- REP00022a – Today’s Non Cover Account Postings
- REP00029 – Yesterday’s Postings Total* (1)
- REP00031 – Collateral and Exposure Summary
- REP00032 – Member Default Fund

- REP00033a – ITD PPS Movement Detail
- REP00036 – Non-Cash Collateral Holdings
- REP00036a – SOD Non-Cash Collateral Holdings* (2)

Monthly banking reports

- Statement of Account
- REP00040 – Monthly Interest

Monthly fees reports

- REP00041 – Monthly Fees Report

Public folder banking reports

- REP00017 – Daily Base Rates
- REP00018 – Daily Exchange Rates

Monthly fees reports

- REP00042 – Daily Collateral Fees Report

* Not included in this reference guide; (1) The same information can be viewed in more detail in REP00022; (2) This is an overnight report, and as such contains less information than the intraday REP00036

How to access reports

Instructions on how to access banking reports via the LCH Portal:

- Open Internet Explorer and enter https://clearingservices.Lch.com
- Enter your Username and Password, and select ‘Log In’
- Answer the security question and select ‘Submit’. The Portal homepage will be displayed
- Select the LCH ForexClear tab to display the main LCH ForexClear Portal page
- Select the Reports link to display the Reports folders
- Banking reports are available in a subfolder, under the main folder marked with your organisation’s LCH ForexClear mnemonic. Select the Banking subfolder
- Select the Download link to view the required Banking report
- The .pdf files are viewable and printable from most computer systems
- The .txt files are text versions for downloading report data
- Any report listed can be accessed by selecting the name
- Select the required date from the main menu to access historical reports. Reports are available for five days
- For Fees, Risk or Trade reports select the appropriate folder from the main menu list

LCH portal

Any issues with missing reports or problems accessing the LCH Portal should be directed to the LCH Service Desk:

- UK Tel: +44 (0) 20 7426 7200
- US Tel: +1 (212) 513 5624
- Email: servicedesk@lch.com

Name	Size	
x.txt	0.0k	Download (0.0k)
Statement of Account RESMT01.TXT	33.4k	Download (33.4k)
REP00038 - Interest and Accommodation_ 3.TXT	0.1k	Download (0.1k)
REP00038 - Interest and Accommodation_ 2.TXT	0.1k	Download (0.1k)
REP00038 - Interest and Accommodation_ 1.TXT	0.7k	Download (0.7k)
REP00038 - Interest and Accommodation.pdf	92.2k	Download (92.2k)
REP00037 - Statement of Account_ 2.TXT	0.3k	Download (0.3k)
REP00037 - Statement of Account_ 1.TXT	12.0k	Download (12.0k)
REP00037 - Statement of Account.pdf	129.4k	Download (129.4k)
REP00036a - SOD Non Cash Collateral Holdings_ 1.TXT	0.1k	Download (0.1k)
REP00036a - SOD Non Cash Collateral Holdings.pdf	63.3k	Download (63.3k)
REP00036 - Non Cash Collateral Holdings_ 1.TXT	0.1k	Download (0.1k)
REP00036 - Non Cash Collateral Holdings.pdf	63.0k	Download (63.0k)
REP00033a - ITD PPS Movement Detail_ 1.TXT	0.1k	Download (0.1k)
REP00033a - ITD PPS Movement Detail.pdf	58.0k	Download (58.0k)
REP00032 - Member Default Fund_ 1.TXT	0.3k	Download (0.3k)
REP00032 - Member Default Fund.pdf	79.1k	Download (79.1k)
REP00030 - Cover Calling Summary_ 1.TXT	0.4k	Download (0.4k)
REP00030 - Cover Calling Summary.pdf	81.9k	Download (81.9k)
REP00029 - Yesterdays Postings Total_ 1.TXT	0.4k	Download (0.4k)
REP00029 - Yesterdays Postings Total.pdf	85.9k	Download (85.9k)
REP00022a - Todays Tender Account Postings_ 1.TXT	0.2k	Download (0.2k)
REP00022a - Todays Tender Account Postings.pdf	63.0k	Download (63.0k)
REP00022a - Todays Non-Cover Account Postings_ 1.TXT	0.2k	Download (0.2k)
REP00022a - Todays Non-Cover Account Postings.pdf	62.3k	Download (62.3k)
REP00022 - Yesterdays Cover Account Postings_ 1.TXT	1.3k	Download (1.3k)
REP00022 - Yesterdays Cover Account Postings.pdf	103.6k	Download (103.6k)
REP00021 - Initial And Variation Margin_ 1.TXT	0.4k	Download (0.4k)
REP00021 - Initial And Variation Margin.pdf	82.0k	Download (82.0k)
REP00020 - Commodity Group Total_ 1.TXT	0.4k	Download (0.4k)
REP00020 - Commodity Group Total.pdf	62.1k	Download (62.1k)
REP00019 - Overnight Cover Distribution_ 1.TXT	1.3k	Download (1.3k)
REP00019 - Overnight Cover Distribution.pdf	88.1k	Download (88.1k)
I&A Invoice REINVMR.TXT	9.0k	Download (9.0k)

REP00031: Collateral and exposure summary

This report provides a summary of the overnight margin process. The report displays the total start of day margin requirement (exposure), the total start of day collateral value, and whether there is a deficit or surplus.

Any deficits will be margin called in cash, with a PPS margin call initiated to your nominated PPS bank. This PPS call will require confirmation of credit by 9am UK time by your PPS provider. It is the clearing member's responsibility to ensure that they hold sufficient account balance or credit arrangement for their PPS bank to confirm payment.

Any surplus in cash collateral will be treated by LCH in one of two ways dependent on whether auto-repay feature is enabled:

(i) Auto-repaid, shown in the report as *Return amount*, by which it will be returned to your nominated UK PPS account.

(ii) Retained on LCH's books as collateral excess

In the case of House subaccounts and EMIR client subaccounts for GBP, EUR and USD, LCH will permit members to choose whether auto-repay is enabled or disabled. For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations.

For House and EMIR Client subaccounts, Members can set an order of collateral utilisation by currency. The member can also select which currency they will be margin called for an Exposure deficit. These preferences can be set by completing the Banking preferences form (found at https://www.lch.com/system/files/media_root/Collateral/Banking%20Preferences%20Form%20v4.xlsx). For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations. For further queries in respect to this form, please reach out to collateral.clientservices@lch.com.

Further details of each field in the report 31 can be found in the other Banking reports detailed in this reference guide.

Date	14/05/20XX	
Member	ABC	ABC BANK
Account	H	
Currency of Risk	GBP	

The Currency of Risk (CoR) detailed is determined by the risk team, based on the trading activity. It affects the haircuts applied to collateral and it is re-evaluated monthly. In general, Currency of Risk is determined by the by the currency providing the largest contribution to Initial Margin.

If Return Excess is switched to 'No' (N), Clearing Members have until 09:30 (UK Time) to request any excess funds, via CMS, to be paid into PPS account

Ccy	Exchange Rate	Exposure Amount	Total Value of Collateral	Liability Shortage	Expected Collateral	Call Amount	Return Amount	Return Excess	Excess Collateral Value
EUR	1.06360	0.00	0	0.00		0.00	0.00	Y	0.00
GBP	1.000000	-3,300,000.00	3,000,000.00	-300,000		300,000.00	0.00	N	0.00
USD	1.45618	0.00	0	0.00		0.00	0.00	Y	0.00
This will list all the currencies in which liabilities or balances are held	This rate is calculated at 16:00 daily and is a notional rate used in the cover distribution Process	This shows the total liability requirement The liabilities for SwapClear Global Service (LCH) are always in GBP, and liabilities for SwapClear US-Domiciled Services (LCH) are in USD	This is the total post haircut value of all collateral (cash and securities) denominated in the reporting currency.	This shows the amount of deficit per exposure amount when compared to the total value of collateral (in all currencies). A margin call will be issued to cover this shortage.	If the margin call is issued in an alternative currency (due to the Clearing Member's margin call preferences) then that alternative ccy is shown here. Clearing Members can request that liabilities are covered with any of the LCH IM Acceptable Currencies.	The total margin call amount in each currency. This includes both initial margin and variation margin calls.	The total amount of excess or variation margin automatically returned (auto-repay) in each currency.	The Clearing Member's preference for the automatic return of excess (auto-repay) for each currency (Y or N). Will show S when auto-repay is suspended due to a ccy holiday.	The total value of excess collateral (cash and securities post haircut value) denominated in the reporting currency after excess is returned.
	See REP00018	See REP00021	See REP00036a (non-cash) and REP00046a (cash)	See REP00019		See REP00019	See REP00019	See REP00019	See REP00019

REP00021: Initial and variation margin

– This report provides information on the initial margin requirements, and indicates the commodity group/commodity co

Date	14/05/20XX	
Member	ABC	BANK of ABC
Account	H	
Currency	GBP	
Commodity Group	SWP	

See Total Liability column in REP00031

For LCH SwapClear, variation margin is detailed on REP00022

These types of margin do not apply to LCH SwapClear business, and therefore these columns will always display 0.00

Contract	Initial Margin	NLV/Variation Margin	Cont/Spot Margin	Additional Margin
SGB	-3,300,000.00	0.00	0.00	0.00

For the SwapClear Global Service (LCH), **SGB** will be displayed
(S = SwapClear + GB = currency (GBP))
For the SwapClear US-Domiciled Service (LCH), **SUS** will be displayed

Total initial margin	:	-3,300,000.00
Total variation margin	:	0.00
Total spot credit	:	0.00
Total spot debit	:	0.00
Total additional margin	:	0.00

See REP00019

These types of margin do not apply to LCH SwapClear business, and therefore these will always be 0.00

REP00022: Yesterday's cover account postings 1

– This report provides details of the previous day's:

  – cash transactions (cover) by currency
  – cash call balance
  – any amounts which were paid or received
  – closing balance upon which interest or accommodation charges will be levied

Postings 1

Date	14/05/20XX	
Member	ABC	BANK of ABC
Account	H	
Currency	GBP	

Yesterday's Call Balance: 0.00

These columns are always blank for PPS calls and pays on Postings 1

This column defaults to today's date*

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
PPS CALL				13-May-20XX	13-May-20XX		990,000.00	
					Totals for Com:		**990,000.00**	
					Totals for Postings 1:		**990,000.00**	

This column displays the type of movements on the account: PPS pay (debit) or PPS call: (credit)

The reference column will display a reference number for credit or debit notes

This row displays the total value of movements across the account

Yesterday's I & D Balance: 990,000.00

Interest on this balance will be applied at a rate calculated by LCH

* Please note that this column will display the value date incorrectly on Bank holidays (where is it a Bank holiday in the country of the origin of the underlying currency of the market)

REP00022: Yesterday’s cover account postings 2

– This report provides details of all overnight postings, such as variation margin, fees, interest and coupons

Date 14/05/20XX

Member ABC BANK of ABC

Account H

Currency GBP

Yesterday’s Call Balance: 990,000.00

Postings 2

The reference code for interest is always 99999999

This column defaults to today’s date

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member’s account with LCH

Positive postings: credit to the Clearing Member’s account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
INTEREST			99999999	14-May-20XX	13-May-20XX		10,000.00	
					Totals for Com SGB:		**10,000.00**	
NPV CHANGE	SGB	SWP					800,000.00	
					Totals for Com SGB:		**800,000.00**	
PR AL INTST	SGB	SWP				100,000.00		
					Totals for Com SGB:	**100,000.00**		
COUPONS	SGB	SWP					300,000.00	
					Totals for Com SGB:		**300,000.00**	
					Totals for Postings 2:			**1,010,000.00**

NPV = Net present value

Price alignment interest

LCH SwapClear coupon

This column displays the contract code:
S = SwapClear (LCH)
GB = Currency (GBP)
‘SUS’ for SwapClear US-Domiciled service (LCH)

Displays the commodity group: ‘SWP’ for SwapClear Global Service (LCH), and ‘SUS’ for SwapClear US-Domiciled service (LCH)

This row displays the total value of postings to the account

Today’s At Call Cover Balance: 2,000,000.00

This is displayed as the opening cash cover balance on REP00019

REP00022a: Today’s non-cover account postings

- This report provides details of the current day’s:
  - cash transactions (non-cover) by currency
  - the start of day cash balance
  - any amounts which were paid or received
  - the closing balance
  - Any balance shown on the report won’t be utilised in the cover call process and can’t be offset against a Clearing Member’s current liability
- Under most circumstances, transactions will pass through the account and therefore the balance will remain zero

Postings 1

Date	05/03/20XX	
Member	ABC	BANK of ABC
Account	H	
Currency	GBP	

Balance At Start Of Day: 0.00

This column displays the type of movements on the account: PPS pay (debit) or PPS call: (credit)

Not applicable – always blank

This column defaults to today's date

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
COUPON	SGB	SWP		13-May-20XX	13-May-20XX	24,472.33	0.00	
					Totals for Com SGB:	**24,472.33**	**0.00**	**-24,472.33**
NPV CHANGE	SGB	SWP		13-May-20XX	13-May-20XX	0.00	24,280.21	
					Totals for Com SGB:	**0.00**	**24,280.21**	**24,280.21**
PPS CALL				13-May-20XX	13-May-20XX	0.00	24,472.33	
					Totals for Com	**0.00**	**24,472.33**	**24,472.33**
PPS PAYMENT				13-May-20XX	13-May-20XX	24,280.21	0.00	
					Totals for Com	**24,280.21**	**0.00**	**24,280.21**
					Totals for Postings 1:	**48,752.54**	**48,752.54**	**0.00**

LCH SwapClear coupon

NPV = Net present value

Displays the contract code:
S = SwapClear (LCH)
GB = Currency (GBP)
'SUS' for SwapClear US-Domiciled service (LCH)

This column displays the commodity group: 'SWP' for SwapClear Global Service (LCH), and 'SUS' for SwapClear US-Domiciled service (LCH)

This row displays the total value of postings to the account

Balance At End Of Day: 0.00

REP00022a: Today's non-cover account postings (cont)

- This also report provides details of non-cover related account postings, such as Interest or coupon payments due
- Example below illustrates ABC member receiving the coupon payments on the 2 Bonds
- 'Reference' field states the security's ISIN, the nominal amount, and the interest rate, respectively
- 'Credit' field illustrates the amount of coupon payment to the member's account at LCH

Doc No - REP00022a

LCH.Clearnet Limited Report Last Refreshed: 01/01/2000 7:00

Today's Non-Cover Account Postings

Postings 1

Date 01/01/2000

Member ABC ABC Bank

Account C

Currency USD

Balance At Start Of Day : 0.00

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
Margin Coupon			US912828F213; 17,005,000.00; 0.01062	01-Jan-2000	01-Jan-2000	0.00	180,678.13	
				Totals for Com :		0.00	180,678.13	180,678.13
Margin Coupon			US912828F478; 54,318,000.00; 0.00250	01-Jan-2000	01-Jan-2000	0.00	135,795.00	
				Totals for Com :		0.00	135,795.00	135,795.00

REP00019: Overnight cover distribution

– This report provides details of how overnight liabilities are covered, and any excesses, or shortfalls. Shortfalls result in a margin call

Date	14/05/20XX			
Member	ABC	BANK of ABC		
Account	H			
Currency	GBP		**Amount**	**Total**
Cash Cover Balance:	CREDIT		2,000,000.00	2,000,000.00
Comm Group	LIABILITY		-3,300,000.00	
SWP GBP	Bonds		1,000,000.00	
	Other Cash		2,000,000.00	0.00
Liability Shortage GBP				-300,000.00
Total Net Shortage of GBP				-300,000.00
Overall Unutilised			**Amount**	**Total**

Screen currency

Opening cash balance

See REP00036

i.e. Cash cover balance

This will be debited overnight

Displays the commodity group and currency, e.g. 'SWP GBP' for SwapClear Global Service (LCH), and 'SUS USD' for SwapClear US-Domiciled service (LCH)

See REP00031, (net shortage protected payment column), which shows a margin call for this amount

Excess cash

Figures displayed here represent the screen currency equivalent

REP00032: Member default fund

- This report displays the Default Fund contribution by Clearing Member
- The SwapClear Default Fund (LCH) for the SwapClear Global Service (LCH) is paid in GBP and is recalculated on a monthly basis
- The SwapClear Default Fund (LCH) for the SwapClear US-Domiciled Service (LCH) is paid in USD and is recalculated on a monthly basis

Date	07/11/20XX	
Member	ABC	BANK of ABC
Account	F	
Currency	GBP	

GBP for LCH SwapClear Global Service, and USD for LCH SwapClear US-Domiciled Service

Displays the minimum required contribution to the Default Fund

Fund	Required MDF Contribution	Start Date	End Date
SDF	39,504,686.00	04 Oct 20XX	05 Nov 20XX
SDF	44,818,686.00	06 Nov 20XX	04 Dec 20XX

Three letter identifier for the type of segregated fund: ‘SDF’ for the SwapClear Global Service Default Fund (LCH), and ‘UDF’ for SwapClear US-Domiciled Service (LCH) Default Fund

Displays the date range for the recalculation period

REP00033a: PPS movement detail

- This report shows the total amount of PPS calls and pays broken down into the individual movements by currency throughout the day
- LCH SwapClear Global Service Clearing Members are advised to check this report daily at 14:30 and 16:00 (UK Time), and save copies of the reports each day
- LCH SwapClear US-Domiciled Service Clearing Members are advised to check this report daily at 16:00 (NY Time), and save copies of the reports each day

Date 14/05/20XX

Member ABC

Account H

Ldg = ledger
COV = cover account

The liability, as shown in REP00031, exceeded the cover, resulting in a PPS call of 300,000 GBP

PPS pays will be made, and be displayed here, if the cover exceeds the liability (only if Auto-repay is switched on)

Displays the time, in 24 hour clock, that the PPS call was made

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
GBP	COV	300,000.00		14/05/20XX	03:26
	COV	2,186,400.05		14/05/20XX	09:43
GBP	**Total:**	**2,486,400.05**			

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
USD	COV	15,337,000.00		14/05/20XX	14:45
USD	**Total:**	**15,337,000.00**			

All amounts are displayed by time, in ascending order.

PPS calls have a time stamp

Note that there will not be any GBP calls for the LCH SwapClear US-Domiciled Service

Displays the currency of the PPS call or PPS pay

Displays the value of the PPS call in the currency shown in the column to the left

Displays the value of the PPS payment in the currency shown in the column to the left

The value date is the date on which a cash posting can be used for cover purposes

PPS calls made after 14:30 (UK Time) will be called in USD

Banking reports for LCH ForexClear

Banking reports for LCH ForexClear

- LCH ForexClear Banking reports are accessible via the LCH Portal
- This guide provides specific examples detailing postings and currencies for LCH ForexClear – these are the minimum number of reports required on a daily basis for reconciliation purposes
- These postings will be amalgamated under commodity group FXC
- Postings for all markets will be shown on the same report

Daily banking reports

- REP00019 – Overnight Cover Distribution
- REP00020 – Commodity Group Total*
- REP00021 – Initial and Variation Margin
- REP00022 – Yesterday's Cover Account Postings
- REP00022a – Today's Non Cover Account Postings
- REP00029 – Yesterday's Postings Total* (1)
- REP00031 – Collateral and Exposure Summary

- REP00032 – Member Default Fund
- REP00033a – ITD PPS Movement Detail
- REP00036 – Non-Cash Collateral Holdings
- REP00036a – SOD Non-Cash Collateral Holdings* (2)

Monthly banking reports

- Statement of Account
- REP00040 – Monthly Interest

Monthly fees reports

- REP00041 – Monthly Fees Report

Public folder banking reports

- REP00017 – Daily Base Rates
- REP00018 – Daily Exchange Rates

Public folder fees reports

- REP00042 – Daily Collateral Fees Report

* Not included in this reference guide; (1) The same information can be viewed in more detail in REP00022; (2) This is an overnight report, and as such contains less information than the intraday REP00036

How to access reports

Instructions on how to access banking reports via the LCH Portal:

- Open Internet Explorer and enter https://clearingservices.Lch.com
- Enter your Username and Password, and select ‘Log In’
- Answer the security question and select ‘Submit’. The Portal homepage will be displayed
- Select the LCH ForexClear tab to display the main LCH ForexClear Portal page
- Select the Reports link to display the Reports folders
- Banking reports are available in a subfolder, under the main folder marked with your organisation’s LCH ForexClear mnemonic. Select the Banking subfolder
- Select the Download link to view the required Banking report
- The .pdf files are viewable and printable from most computer systems
- The .txt files are text versions for downloading report data
- Any report listed can be accessed by selecting the name
- Select the required date from the main menu to access historical reports. Reports are available for five days
- For Fees, Risk or Trade reports select the appropriate folder from the main menu list

LCH portal

Any issues with missing reports or problems accessing the LCH Portal should be directed to the LCH Service Desk:

- UK Tel: +44 (0) 20 7426 7200
- US Tel: +1 (212) 513 5624
- Email: servicedesk@lch.com

Name	Size	
x.txt	0.0k	Download (0.0k)
Statement of Account RESMT01.TXT	33.4k	Download (33.4k)
REP00038 - Interest and Accommodation_ 3.TXT	0.1k	Download (0.1k)
REP00038 - Interest and Accommodation_ 2.TXT	0.1k	Download (0.1k)
REP00038 - Interest and Accommodation_ 1.TXT	0.7k	Download (0.7k)
REP00038 - Interest and Accommodation.pdf	92.2k	Download (92.2k)
REP00037 - Statement of Account_ 2.TXT	0.3k	Download (0.3k)
REP00037 - Statement of Account_ 1.TXT	12.0k	Download (12.0k)
REP00037 - Statement of Account.pdf	129.4k	Download (129.4k)
REP00036a - SOD Non Cash Collateral Holdings_ 1.TXT	0.1k	Download (0.1k)
REP00036a - SOD Non Cash Collateral Holdings.pdf	63.3k	Download (63.3k)
REP00036 - Non Cash Collateral Holdings_ 1.TXT	0.1k	Download (0.1k)
REP00036 - Non Cash Collateral Holdings.pdf	63.0k	Download (63.0k)
REP00033a - ITD PPS Movement Detail_ 1.TXT	0.1k	Download (0.1k)
REP00033a - ITD PPS Movement Detail.pdf	58.0k	Download (58.0k)
REP00032 - Member Default Fund_ 1.TXT	0.3k	Download (0.3k)
REP00032 - Member Default Fund.pdf	79.1k	Download (79.1k)
REP00030 - Cover Calling Summary_ 1.TXT	0.4k	Download (0.4k)
REP00030 - Cover Calling Summary.pdf	81.9k	Download (81.9k)
REP00029 - Yesterdays Postings Total_ 1.TXT	0.4k	Download (0.4k)
REP00029 - Yesterdays Postings Total.pdf	85.9k	Download (85.9k)
REP00022a - Todays Tender Account Postings_ 1.TXT	0.2k	Download (0.2k)
REP00022a - Todays Tender Account Postings.pdf	63.0k	Download (63.0k)
REP00022a - Todays Non-Cover Account Postings_ 1.TXT	0.2k	Download (0.2k)
REP00022a - Todays Non-Cover Account Postings.pdf	62.3k	Download (62.3k)
REP00022 - Yesterdays Cover Account Postings_ 1.TXT	1.3k	Download (1.3k)
REP00022 - Yesterdays Cover Account Postings.pdf	103.6k	Download (103.6k)
REP00021 - Initial And Variation Margin_ 1.TXT	0.4k	Download (0.4k)
REP00021 - Initial And Variation Margin.pdf	82.0k	Download (82.0k)
REP00020 - Commodity Group Total_ 1.TXT	0.4k	Download (0.4k)
REP00020 - Commodity Group Total.pdf	62.1k	Download (62.1k)
REP00019 - Overnight Cover Distribution_ 1.TXT	1.3k	Download (1.3k)
REP00019 - Overnight Cover Distribution.pdf	88.1k	Download (88.1k)
I&A Invoice REINVMR.TXT	9.0k	Download (9.0k)

REP00031: Collateral and exposure summary

This report provides a summary of the overnight margin process. The report displays the total start of day margin requirement (exposure), the total start of day collateral value, and whether there is a deficit or surplus.

Any deficits will be margin called in cash, with a PPS margin call initiated to your nominated PPS bank. This PPS call will require confirmation of credit by 9am UK time by your PPS provider. It is the clearing member's responsibility to ensure that they hold sufficient account balance or credit arrangement for their PPS bank to confirm payment.

Any surplus in cash collateral will be treated by LCH in one of two ways dependent on whether auto-repay feature is enabled:

(i) Auto-repaid, shown in the report as *Return amount*, by which it will be returned to your nominated UK PPS account.

(ii) Retained on LCH's books as collateral excess

In the case of House subaccounts and EMIR client subaccounts for GBP, EUR and USD, LCH will permit members to choose whether auto-repay is enabled or disabled. For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations.

For House and EMIR Client subaccounts, Members can set an order of collateral utilisation by currency. The member can also select which currency they will be margin called for an Exposure deficit. These preferences can be set by completing the Banking preferences form (found at https://www.lch.com/system/files/media_root/Collateral/Banking%20Preferences%20Form%20v4.xlsx). For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations. For further queries in respect to this form, please reach out to collateral.clientservices@lch.com.

Further details of each field in the report 31 can be found in the other Banking reports detailed in this reference guide.

Date	14/05/20XX		
Member	ABC	ABC BANK	
Account	H		
Currency of Risk	GBP		

The Currency of Risk (CoR) detailed is determined by the risk team, based on the trading activity. It affects the haircuts applied to collateral and it is re-evaluated monthly. In general, Currency of Risk is determined by the by the currency providing the largest contribution to Initial Margin.

If Return Excess is switched to 'No' (N), Clearing Members have until 09:30 (UK Time) to request any excess funds, via CMS, to be paid into PPS account

Ccy	Exchange Rate	Exposure Amount	Total Value of Collateral	Liability Shortage	Expected Collateral	Call Amount	Return Amount	Return Excess	Excess Collateral Value
EUR	1.06360	0.00	0	0.00		0.00	0.00	Y	0.00
GBP	1.000000	-3,300,000.00	3,000,000.00	-300,000		300,000.00	0.00	N	0.00
USD	1.45618	0.00	0	0.00		0.00	0.00	Y	0.00
This will list all the currencies in which liabilities or balances are held	This rate is calculated at 16:00 daily and is a notional rate used in the cover distribution process	This shows the total liability requirement. The liabilities for ForexClear are always in USD.	This is the total post haircut value of all collateral (cash and securities) denominated in the reporting currency.	This shows the amount of deficit per exposure amount when compared to the total value of collateral (in all currencies). A margin call will be issued to cover this shortage.	If the margin call is issued in an alternative currency (due to the Clearing Member's margin call preferences) then that alternative ccy is shown here. Clearing Members can request that liabilities are covered with any of the LCH IM Acceptable Currencies.	The total margin call amount in each currency. This Includes both initial margin and variation margin calls.	The total amount of excess or variation margin Automatically returned (auto-repay) in each currency.	The Clearing Member's preference for the automatic return of excess (auto-repay) for each currency (Y or N). Will show S when autorepay is suspended due to a ccy holiday.	The total value of excess collateral (cash and securities post haircut value) Denominated in the reporting currency after excess is returned.
	See REP00018	See REP00021	See REP00036a (non-cash) and REP00046a (cash)	See REP00019		See REP00019	See REP00019	See REP00019	See REP00019

REP00021: Initial and variation margin

– This report provides information on the initial margin requirements, and indicates the commodity group/commodity code

Date	14/05/20XX	
Member	ABC	ABC INTERNATIONAL
Account	H	
Currency	USD	
Commodity Group	FXC	

For LCH ForexClear, variation margin is detailed on REP00022

These types of margin do not apply to LCH ForexClear business, and therefore these columns will always display 0.00

Contract	Initial Margin	NLV/Variation Margin	Cont/Spot Margin	Additional Margin
FUS	-3,300,000.00	0.00	0.00	0.00

F = ForexClear + (LCH)
US = currency (USD)

See Total Liability column in REP00031

Total initial margin	:	-3,300,000.00
Total variation margin	:	0.00
Total spot credit	:	0.00
Total spot debit	:	0.00
Total additional margin	:	0.00

See REP00019

These types of margin do not apply to ForexClear business, and therefore these will always be 0.00

REP00022: Yesterday's cover account postings 1

- This report provides details of the previous day's:
  - cash transactions (cover) by currency
  - cash call balance
  - any amounts which were paid or received
  - closing balance upon which interest or accommodation charges will be levied

Postings 1

Date	14/05/20XX	
Member	ABC	ABC INTERNATIONAL
Account	H	
Currency	USD	

Yesterday's Call Balance: 0.00

These columns are always blank for PPS calls and pays on Postings 1

This column defaults to today's date*

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
PPS CALL				13-May-20XX	13-May-20XX		990,000.00	
					Totals for Com:		**990,000.00**	
					Totals for Postings 1:		**990,000.00**	

This column displays the type of movements on the account: PPS pay (debit) or PPS call: (credit)

The reference column will display a reference number for credit or debit notes

This row displays the total value of movements across the account

Yesterday's I & D Balance: 990,000.00

Interest on this balance will be applied at a rate calculated by LCH

* Please note that this column will display the value date incorrectly on Bank holidays (where is it a Bank holiday in the country of the origin of the underlying currency of the market)

REP00022: Yesterday's cover account postings 2

– This report provides details of all overnight postings, such as variation margin

Date 14/05/20XX

Member ABC ABC INTERNATIONAL

Account H

Currency USD

Yesterday's Call Balance: 990,000.00

Postings 2

This column defaults to today's date

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
NET SETTLEM	FUS	FXC					800,000.00	
Price alignment interest					**Totals for Com FUS:**		**800,000.00**	
PR AL INTST	FUS	FXC				100,000.00		
Variation margin end of day posting					**Totals for Com FUS:**	**100,000.00**		
VM EOD POST	FUS	FXC					300,000.00	
					Totals for Com FUS:		**300,000.00**	
					Totals for Postings 2:			**1,010,000.00**

This column displays the contract code:
F = ForexClear (LCH)
US = Currency (USD)

This column displays the commodity group: FXC for ForexClear (LCH)

This row displays the total value of postings to the account

Today's At call Cover Balance: 2,000,000.00

This is displayed as the opening cash cover balance on REP00019

* Please note that this column will display the value date incorrectly on Bank holidays (where is it a Bank holiday in the country of the origin of the underlying currency of the market)

REP00022a: Today’s non-cover account postings

- This report provides details of non-cover related account postings, such as Interest or coupon payments due
- Example below illustrates ABC member receiving the coupon payments on the 2 Bonds
- ‘Reference’ field states the security’s ISIN, the nominal amount, and the interest rate, respectively
- ‘Credit’ field illustrates the amount of coupon payment to the member’s account at LCH

Doc No - REP00022a

LCH.Clearnet Limited Report Last Refreshed: 01/01/2000 7:00

Today's Non-Cover Account Postings

Postings 1

Date 01/01/2000

Member **ABC** **ABC Bank**

Account C

Currency USD

Balance At Start Of Day : 0.00

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
Margin Coupon			US912828F213; 17,005,000.00; 0.01062	01-Jan-2000	01-Jan-2000	0.00	180,678.13	
				Totals for Com :		0.00	180,678.13	180,678.13
Margin Coupon			US912828F478; 54,318,000.00; 0.00250	01-Jan-2000	01-Jan-2000	0.00	135,795.00	
				Totals for Com :		0.00	135,795.00	135,795.00

REP00019: Overnight cover distribution

– This report provides details of how overnight liabilities are covered, and any excesses, or shortfalls. Shortfalls result in a margin call

Date 14/05/20XX

Member ABC

Account H

Currency USD ← Screen currency

				Amount		Total
Cash Cover Balance:	CREDIT		Opening cash balance →	2,000,000.00		2,000,000.00
Comm Group	LIABILITY			-3,300,000.00		
SWP GBP	Bonds	← See REP00036		1,000,000.00		
	Other Cash		i.e. Cash cover balance →	2,000,000.00	This will be debited overnight	0.00
Liability Shortage USD						-300,000.00
Total Net Shortage of USD			See REP00031, (net shortage protected payment column), which shows a margin call for this amount →			-300,000.00
Overall Unutilised				**Amount**		**Total**
				Excess cash		Figures displayed here represent the screen currency equivalent

REP00032: Member default fund

– This report displays the Default Fund contribution by Clearing Member
– The ForexClear Default Fund (LCH) is paid in USD and is recalculated on a monthly basis

Date	07/11/20XX	
Member	ABC	ABC INTERNATIONAL
Account	F	
Currency	USD	

Displays the minimum required contribution to the Default Fund

Fund	Required MDF Contribution	Start Date	End Date
FDF	24,480,000.00	04 Oct 20XX	05 Nov 20XX
FDF	29,794,000.00	06 Nov 20XX	04 Dec 20XX

Three letter identifier for the type of segregated fund:
FDF = ForexClear Default Fund (LCH)

Displays the date range for the recalculation period

REP00033a: PPS movement detail

- This report shows the total amount of PPS calls and pays broken down into the individual movements by currency throughout the day
- Clearing Members are advised to check this report daily at 14:30 and 16:00, and save copies of the reports each day

Date	14/05/20XX
Member	ABC
Account	H

Ldg = ledger
COV = cover account

The liability, as shown in REP00031, exceeded the cover, resulting in a PPS call of 62,500 EUR

PPS pays will be made, and be displayed here, if the cover exceeds the liability, at the Clearing Member's request via CMS

Displays the time, in 24 hour clock, that the PPS call was made

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
EUR	COV	62,500.00		14/05/20XX	02:46
EUR	**Total:**	**62,500.00**			

All amounts are displayed by time, in ascending order.

PPS calls have a time stamp

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
USD	COV	300,000.00		14/05/20XX	14:55
USD	**Total:**	**300,000.00**			

Displays the currency of the PPS call or PPS pay

Displays the value of the PPS call in the currency shown in the column to the left

Displays the value of the PPS payment in the currency shown in the column to the left

The value date is the date on which a cash posting can be used for cover purposes

Please note: PPS calls made after 14:30 (UK Time) will be called in USD

Banking reports for LCH listed rates

Banking reports for LCH listed rates

- LCH Listed Rates Banking reports are accessible via the LCH Portal
- This guide provides specific examples detailing postings and currencies for LCH Listed Rates – these are the minimum number of reports required on a daily basis for reconciliation purposes
- These postings will be amalgamated under commodity group LDM
- Postings for all markets will be shown on the same report

Daily banking reports

- REP00019 – Overnight Cover Distribution
- REP00020 – Commodity Group Total*
- REP00021 – Initial and Variation Margin
- REP00022 – Yesterday's Cover Account Postings
- REP00022a – Today's Non Cover Account Postings
- REP00029 – Yesterday's Postings Total* (1)
- REP00031 – Collateral and Exposure Summary

- REP00032 – Member Default Fund
- REP00033a – ITD PPS Movement Detail
- REP00036 – Non-Cash Collateral Holdings
- REP00036a – SOD Non-Cash Collateral Holdings* (2)

Monthly banking reports

- Statement of Account
- REP00040 – Monthly Interest

Monthly fees reports

- REP00041 – Monthly Fees Report

Public folder banking reports

- REP00017 – Daily Base Rates
- REP00018 – Daily Exchange Rates

Public folder fees reports

- REP00042 – Daily Collateral Fees Report

* Not included in this reference guide; (1) The same information can be viewed in more detail in REP00022; (2) This is an overnight report, and as such contains less information than the intraday REP00036

How to access reports

Instructions on how to access Banking reports via the LCH Portal:

- Open Internet Explorer and enter https://clearingservices.Lch.com
- Enter your Username and Password, and select 'Log In'
- Answer the security question and select 'Submit'. The Portal homepage will be displayed
- Select the LCH Listed Rates tab to display the main LCH Listed Rates Portal page
- Select the Reports link to display the Reports folders
- Banking reports are available in a subfolder, under the main folder marked with your organisation's Listed Rates mnemonic. Select the Banking subfolder
- Select the Download link to view the required Banking report
- The .pdf files are viewable and printable from most computer systems
- The .txt files are text versions for downloading report data
- Any report listed can be accessed by selecting the name
- Select the required date from the main menu to access historical reports. Reports are available for five days
- For Fees, Risk or Trade reports select the appropriate folder from the main menu list

LCH portal

Any issues with missing reports or problems accessing the LCH Portal should be directed to the LCH Service Desk:

- UK Tel: +44 (0) 20 7426 7200
- US Tel: +1 (212) 513 5624
- Email: servicedesk@lch.com

REP00019 - Overnight Cover Distribution.pdf	19/3/20XX - 03:21	131KB
REP00019 - Overnight Cover Distribution 1.TXT	19/3/20XX - 03:21	9KB
REP00020 - Commodity Group Total.pdf	19/3/20XX - 03:02	63KB
REP00020 - Commodity Group Total 1.TXT	19/3/20XX - 03:02	1KB
REP00021 - Initial And Variation Margin.pdf	19/3/20XX - 03:14	83KB
REP00021 - Initial And Variation Margin 1.TXT	19/3/20XX - 03:14	1KB
REP00022 - Yesterday's Cover Account Postings.pdf	19/3/20XX - 03:17	225KB
REP00022 - Yesterday's Cover Account Postings 1.TXT	19/3/20XX - 03:17	8KB
REP00022a - Today's Non-Cover Account Postings.pdf	19/3/20XX - 08:06	63KB
REP00022a - Today's Non-Cover Account Postings 1.TXT	19/3/20XX - 08:06	1KB
REP00029 - Yesterday's Postings Total.pdf	19/3/20XX - 03:06	95KB
REP00029 - Yesterday's Postings Total 1.TXT	19/3/20XX - 03:06	1KB
REP00030 - Cover Calling Summary.pdf	19/3/20XX - 02:59	86KB
REP00030 - Cover Calling Summary 1.TXT	19/3/20XX - 02:59	1KB
REP00032 - Member Default Fund.pdf	19/3/20XX - 02:48	61KB
REP00032 - Member Default Fund 1.TXT	19/3/20XX - 02:48	1KB
REP00033a - ITD PPS Movement Detail.pdf	19/3/20XX - 14:05	81KB
REP00033a - ITD PPS Movement Detail 1.TXT	19/3/20XX - 14:05	1KB
REP00036 - Non Cash Collateral Holdings.pdf	19/3/20XX - 13:35	82KB
REP00036 - Non Cash Collateral Holdings 1.TXT	19/3/20XX - 13:35	1KB
REP00036a - SOD Non Cash Collateral Holdings.pdf	19/3/20XX - 02:55	82KB
REP00036a - SOD Non Cash Collateral Holdings 1.TXT	19/3/20XX - 02:55	1KB
REP00037 - Statement of Account.pdf	1/3/20XX - 04:12	196KB
REP00037 - Statement of Account 1.TXT	1/3/20XX - 04:12	35KB
REP00037 - Statement of Account 2.TXT	1/3/20XX - 04:12	1KB
REP00038 - Interest and Accommodation.pdf	4/3/20XX - 03:51	90KB
REP00038 - Interest and Accommodation 1.TXT	4/3/20XX - 03:51	1KB
REP00038 - Interest and Accommodation 2.TXT	4/3/20XX - 03:51	1KB
REP00038 - Interest and Accommodation 3.TXT	4/3/20XX - 03:51	1KB
Statement of Account (RESMT01).TXT	1/3/20XX - 03:28	82KB

/ABC/Banking

REP00031: Collateral and exposure summary

This report provides a summary of the overnight margin process. The report displays the total start of day margin requirement (exposure), the total start of day collateral value, and whether there is a deficit or surplus.

Any deficits will be margin called in cash, with a PPS margin call initiated to your nominated PPS bank. This PPS call will require confirmation of credit by 9am UK time by your PPS provider. It is the clearing member's responsibility to ensure that they hold sufficient account balance or credit arrangement for their PPS bank to confirm payment.

Any surplus in cash collateral will be treated by LCH in one of two ways dependent on whether auto-repay feature is enabled:

(i) Auto-repaid, shown in the report as Return amount, by which it will be returned to your nominated UK PPS account.

(ii) Retained on LCH's books as collateral excess

In the case of House subaccounts and EMIR client subaccounts for GBP, EUR and USD, LCH will permit members to choose whether auto-repay is enabled or disabled. For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations.

For House and EMIR Client subaccounts, Members can set an order of collateral utilisation by currency. The member can also select which currency they will be margin called for an Exposure deficit. These preferences can be set by completing the Banking preferences form (found at https://www.lch.com/system/files/media_root/Collateral/Banking%20Preferences%20Form%20v4.xlsx). For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations. For further queries in respect to this form, please reach out to collateral.clientservices@lch.com.

Further details of each field in the report 31 can be found in the other Banking reports detailed in this reference guide.

Date	14/05/20XX		
Member	ABC	ABC BANK	
Account	H		
Currency of Risk	GBP		

The Currency of Risk (CoR) detailed is determined by the risk team, based on the trading activity. It affects the haircuts applied to collateral and it is re-evaluated monthly. In general, Currency of Risk is determined by the by the currency providing the largest contribution to Initial Margin.

If Return Excess is switched to ‘No’ (N), Clearing Members have until 09:30 (UK Time) to request any excess funds, via CMS, to be paid into PPS account

Ccy	Exchange Rate	Exposure Amount	Total Value of Collateral	Liability Shortage	Expected Collateral	Call Amount	Return Amount	Return Excess	Excess Collateral Value
EUR	1.06360	0.00	0	0.00		0.00	0.00	Y	0.00
GBP	1.000000	-3,300,000.00	3,000,000.00	-300,000		300,000.00	0.00	N	0.00
USD	1.45618	0.00	0	0.00		0.00	0.00	Y	0.00
This will list all the currencies in which liabilities or balances are held	This rate is calculated at 16:00 daily and is a notional rate used in the cover distribution Process	This shows the total liability requirement. The liabilities for LCH Listed Rates are always in GBP.	This is the total post haircut value of all collateral (cash and securities) denominated in the reporting currency.	This shows the amount of deficit per exposure amount when compared to the total value of collateral (in all currencies). A margin call will be issued to cover this shortage.	If the margin call is issued in an alternative currency (due to the Clearing Member's margin call preferences) then that alternative ccy is shown here. Clearing Members can request that liabilities are covered with any of the LCH IM Acceptable Currencies.	The total margin call amount in each currency. This includes both initial margin and variation Margin calls.	The total amount of excess or variation margin automatically returned (auto-repay) in each currency.	The Clearing Member's preference for the automatic return of excess (auto-repay) for each currency (Y or N). Will show S when auto-repay is suspended due to a ccy holiday.	The total value of excess collateral (cash and securities post haircut value) denominated in the reporting currency after excess is returned.
	See REP00018	See REP00021	See REP00036a (non-cash) and REP00046a (cash)	See REP00019		See REP00019	See REP00019	See REP00019	See REP00019

REP00021: Initial and variation margin

– This report provides information on the initial margin requirements, and indicates the commodity group/commodity code

Date	14/05/20XX	
Member	ABC	ABC FINANCIALS
Account	H	
Currency	GBP	
Commodity Group	NLX	

See Total Liability column in REP00031 for the difference between these margin amounts

These types of margin do not apply to LCH Listed Rates business, and therefore these columns will always display 0.00

Contract	Initial Margin	NLV/Variation Margin	Cont/Spot Margin	Additional Margin
IRM Futures:	0.00	0.00	0.00	0.00
IRM Fut/Opt	-25,000.00	0.00	0.00	0.00

Total initial margin	:	-25,000.00
Total variation margin	:	0.00
Total spot credit	:	0.00
Total spot debit	:	0.00
Total additional margin	:	0.00

Net total liability = GBP -25,000
See REP00019

REP00022: Yesterday’s cover account postings 1

- This report provides details of the previous day’s:
  - cash transactions (cover) by currency
  - cash call balance
  - any amounts which were paid or received
  - closing balance upon which interest or accommodation charges will be levied

Postings 1

Date	14/05/20XX	
Member	ABC	ABC FINANCIALS
Account	H	
Currency	GBP	

Yesterday’s Call Balance: 0.00

These columns are always blank for PPS calls and pays on Postings 1

This column defaults to today’s date*

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member’s account with LCH

Positive postings: credit to the Clearing Member’s account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
PPS CALL				13-May-20XX	13-May-20XX		250,000.00	
					Totals for Com:		**250,000.00**	
					Totals for Postings 1:		**250,000.00**	

This column displays the type of movements on the account: PPS pay (debit) or PPS call: (credit)

The reference column will display a reference number for credit or debit notes

This row displays the total value of movements across the account

Yesterday’s I & D Balance: 250,000.00

Interest on this balance will be applied at a rate calculated by LCH

* Please note that this column will display the value date incorrectly on Bank holidays (where is it a Bank holiday in the country of the origin of the underlying currency of the market)

REP00022: Yesterday's cover account postings 2

– This report provides details of all overnight postings, such as variation margin, fees, and interest

Postings 2

Date	14/05/20XX	
Member	ABC	ABC FINANCIALS
Account	H	
Currency	GBP	

Yesterday's Call Balance: 250,000.00

When the reference column displays a date, this is the expiry date of the contract

This column defaults to today's date*

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
SETTLEMENTS		LDM	Dec 20XX	14-May-20XX	13-May-20XX		375,000.00	
					Totals for Com NI:		**375,000.00**	
					Totals for Postings 2:		**375,000.00**	

This column displays the exchange LDM

This row displays the total value of postings to the account

Today's At call Cover Balance: 625,000.00

This is displayed as the opening cash cover balance on REP00019

* Please note that this column will display the value date incorrectly on Bank holidays (where is it a Bank holiday in the country of the origin of the underlying currency of the market)

REP00022a: Today's non-cover account postings

– This report provides details of non-cover related account postings, such as Interest or coupon payments due
– Example below illustrates ABC member receiving the coupon payments on the 2 Bonds
– 'Reference' field states the security's ISIN, the nominal amount, and the interest rate, respectively
– 'Credit' field illustrates the amount of coupon payment to the member's account at LCH

Doc No - REP00022a

LCH.Clearnet Limited Report Last Refreshed: 01/01/2000 7:00

Today's Non-Cover Account Postings

Postings 1

Date 01/01/2000

Member ABC ABC Bank

Account C

Currency USD

Balance At Start Of Day : 0.00

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
Margin Coupon			US912828F213; 17,005,000.00; 0.01062	01-Jan-2000	01-Jan-2000	0.00	180,678.13	
				Totals for Com :		0.00	180,678.13	180,678.13

Margin Coupon			US912828F478; 54,318,000.00; 0.00250	01-Jan-2000	01-Jan-2000	0.00	135,795.00	
				Totals for Com :		0.00	135,795.00	135,795.00

REP00019: Overnight cover distribution

– This report provides details of how overnight liabilities are covered, and any excesses, or shortfalls. Shortfalls result in a margin call

Date	14/05/20XX			
Member	ABC	ABC FINANCIALS		
Account	H			
Currency	GBP	Screen currency	**Amount**	**Total**
Cash Cover Balance:	CREDIT	Opening cash balance	1,000,000.00	1,000,000.00
Comm Group	LIABILITY		-2,3000,000.00	
IRM GBP	Bonds	See REP00036	1,000,000.00	
	Other Cash	i.e. Cash cover balance	1,000,000.00	0.00
Liability Shortage GBP		This will be debited overnight		-300,000.00
Total Net Shortage of GBP		See REP00031, (net shortage protected payment column), which shows a margin call for this amount		-300,000.00
Overall Unutilised			**Amount**	**Total**
			Excess cash	Figures displayed here represent the screen currency equivalent

REP00032: Member default fund

- This report displays the Default Fund contribution by Clearing Member
- The Listed Interest Rates Default Fund is paid in GBP sterling
- The Default Fund is recalculated on the first business day of each month

Date	07/11/20XX	
Member	ABC	ABC INTERNATIONAL
Account	F	
Currency	GBP	

Displays the minimum required contribution to the Default Fund

Fund	Required MDF Contribution	Start Date	End Date
XDF	24,480,000.00	04 Oct 20XX	05 Nov 20XX
XDF	29,794,000.00	06 Nov 20XX	04 Dec 20XX

Three letter identifier for the type of segregated fund

XDF = Listed Interest Rates Default Fund: includes IRM business

Displays the date range for the recalculation period

REP00033a: PPS movement detail

- This report shows the total amount of PPS calls and pays broken down into the individual movements by currency throughout the day
- Clearing Members are advised to check this report daily at 14:30 and 16:00, and save copies of the reports each day

Date	14/05/20XX
Member	ABC
Account	H

Ldg = ledger
COV = cover account

The liability, as shown in REP00031, exceeded the cover, resulting in a PPS call of 300,000 GBP

PPS pays will be made, and be displayed here, if the cover exceeds the liability (only if Auto-repay is switched on)

Displays the time, in 24 hour clock, that the PPS call was made

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
GBP	COV	300,000.00		14/05/20XX	02:55
GBP	**Total:**	**300,000.00**			

All amounts are displayed by time, in ascending order.

PPS calls have a time stamp

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
USD	COV	13,000,000.00		14/05/20XX	13:16
USD	**Total:**	**13,000,000.00**			

Note: PPS calls made after 14:30 (UK Time) will be called in USD

Displays the currency of the PPS pay or PPS call

Displays the value of the PPS calls in the currency shown in the column to the left

Displays the value of the PPS payment in the currency shown in the column to the left

The value date is the date on which a cash posting can be used for cover purposes

Banking reports for LCH EquityClear

Banking reports for LCH EquityClear

- LCH EquityClear Banking reports are accessible via the LCH Portal
- This guide provides specific examples detailing postings and currencies for LCH EquityClear – these are the minimum number of reports required on a daily basis for reconciliation purposes
- These postings will be amalgamated under commodity group ECL
- Postings for all markets will be shown on the same report

Daily banking reports

- REP00019 – Overnight Cover Distribution
- REP00020 – Commodity Group Total*
- REP00021 – Initial and Variation Margin
- REP00022 – Yesterday's Cover Account Postings
- REP00022a – Today's Non Cover Account Postings
- REP00029 – Yesterday's Postings Total* (1)
- REP00031 – Collateral and Exposure Summary

- REP00032 – Member Default Fund
- REP00033a – ITD PPS Movement Detail
- REP00036 – Non-Cash Collateral Holdings
- REP00036a – SOD Non-Cash Collateral Holdings* (2)

Monthly banking reports

- Statement of Account
- REP00040 – Monthly Interest

Monthly fees reports

- REP00041 – Monthly Fees Report

Public folder banking reports

- REP00017 – Daily Base Rates
- REP00018 – Daily Exchange Rates

Public folder fees reports

- REP00042 – Daily Collateral Fees Report

* Not included in this reference guide; (1) The same information can be viewed in more detail in REP00022; (2) This is an overnight report, and as such contains less information than the intraday REP00036

How to access reports

Instructions on how to access banking reports via the LCH Portal:

- Open Internet Explorer and enter https://clearingservices.Lch.com
- Enter your Username and Password, and select ‘Log In’
- Answer the security question and select ‘Submit’. The Portal homepage will be displayed
- Select the LCH EquityClear tab to display the main LCH EquityClear Portal page
- Select the Reports link to display the Reports folders
- Banking reports are available in a subfolder, under the main folder marked with your organisation’s LCH EquityClear mnemonic. Select the Banking subfolder
- Select the Download link to view the required Banking report
- The .pdf files are viewable and printable from most computer systems
- The .txt files are text versions for downloading report data
- Any report listed can be accessed by selecting the name
- Select the required date from the main menu to access historical reports. Reports are available for five days
- For Fees, Risk or Trade reports select the appropriate folder from the main menu list

LCH portal

Any issues with missing reports or problems accessing the LCH Portal should be directed to the LCH Service Desk:

- UK Tel: +44 (0) 20 7426 7200
- US Tel: +1 (212) 513 5624
- Email: servicedesk@lch.com

REP00019 - Overnight Cover Distribution.pdf	19/3/20XX - 03:21	131KB
REP00019 - Overnight Cover Distribution 1.TXT	19/3/20XX - 03:21	9KB
REP00020 - Commodity Group Total.pdf	19/3/20XX - 03:02	63KB
REP00020 - Commodity Group Total 1.TXT	19/3/20XX - 03:02	1KB
REP00021 - Initial And Variation Margin.pdf	19/3/20XX - 03:14	83KB
REP00021 - Initial And Variation Margin 1.TXT	19/3/20XX - 03:14	1KB
REP00022 - Yesterday's Cover Account Postings.pdf	19/3/20XX - 03:17	225KB
REP00022 - Yesterday's Cover Account Postings 1.TXT	19/3/20XX - 03:17	8KB
REP00022a - Today's Non-Cover Account Postings.pdf	19/3/20XX - 08:06	63KB
REP00022a - Today's Non-Cover Account Postings 1.TXT	19/3/20XX - 08:06	1KB
REP00029 - Yesterday's Postings Total.pdf	19/3/20XX - 03:06	95KB
REP00029 - Yesterday's Postings Total 1.TXT	19/3/20XX - 03:06	1KB
REP00030 - Cover Calling Summary.pdf	19/3/20XX - 02:59	86KB
REP00030 - Cover Calling Summary 1.TXT	19/3/20XX - 02:59	1KB
REP00032 - Member Default Fund.pdf	19/3/20XX - 02:48	61KB
REP00032 - Member Default Fund 1.TXT	19/3/20XX - 02:48	1KB
REP00033a - ITD PPS Movement Detail.pdf	19/3/20XX - 14:05	81KB
REP00033a - ITD PPS Movement Detail 1.TXT	19/3/20XX - 14:05	1KB
REP00036 - Non Cash Collateral Holdings.pdf	19/3/20XX - 13:35	82KB
REP00036 - Non Cash Collateral Holdings 1.TXT	19/3/20XX - 13:35	1KB
REP00036a - SOD Non Cash Collateral Holdings.pdf	19/3/20XX - 02:55	82KB
REP00036a - SOD Non Cash Collateral Holdings 1.TXT	19/3/20XX - 02:55	1KB
REP00037 - Statement of Account.pdf	1/3/20XX - 04:12	196KB
REP00037 - Statement of Account 1.TXT	1/3/20XX - 04:12	35KB
REP00037 - Statement of Account 2.TXT	1/3/20XX - 04:12	1KB
REP00038 - Interest and Accommodation.pdf	4/3/20XX - 03:51	90KB
REP00038 - Interest and Accommodation 1.TXT	4/3/20XX - 03:51	1KB
REP00038 - Interest and Accommodation 2.TXT	4/3/20XX - 03:51	1KB
REP00038 - Interest and Accommodation 3.TXT	4/3/20XX - 03:51	1KB
Statement of Account (RESMT01).TXT	1/3/20XX - 03:28	82KB

/ABC/Banking

REP00031: Collateral and exposure summary

This report provides a summary of the overnight margin process. The report displays the total start of day margin requirement (exposure), the total start of day collateral value, and whether there is a deficit or surplus.

Any deficits will be margin called in cash, with a PPS margin call initiated to your nominated PPS bank. This PPS call will require confirmation of credit by 9am UK time by your PPS provider. It is the clearing member's responsibility to ensure that they hold sufficient account balance or credit arrangement for their PPS bank to confirm payment.

Any surplus in cash collateral will be treated by LCH in one of two ways dependent on whether auto-repay feature is enabled:

(i) Auto-repaid, shown in the report as Return amount, by which it will be returned to your nominated UK PPS account.

(ii) Retained on LCH's books as collateral excess

In the case of House subaccounts and EMIR client subaccounts for GBP, EUR and USD, LCH will permit members to choose whether auto-repay is enabled or disabled. For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations.

For House and EMIR Client subaccounts, Members can set an order of collateral utilisation by currency. The member can also select which currency they will be margin called for an Exposure deficit. These preferences can be set by completing the Banking preferences form (found at https://www.lch.com/system/files/media_root/Collateral/Banking%20Preferences%20Form%20v4.xlsx). For all other currencies and subaccounts, this feature is set in accordance with LCH rules and regulations. For further queries in respect to this form, please reach out to collateral.clientservices@lch.com.

Further details of each field in the report 31 can be found in the other Banking reports detailed in this reference guide.

Date	14/05/20XX	
Member	ABC	ABC BANK
Account	H	
Currency of Risk	GBP	

The Currency of Risk (CoR) detailed is determined by the risk team, based on the trading activity. It affects the haircuts applied to collateral and it is re-evaluated monthly. In general, Currency of Risk is determined by the by the currency providing the largest contribution to Initial Margin.

If Return Excess is switched to ‘No’ (N), Clearing Members have until 09:30 (UK Time) to request any excess funds, via CMS, to be paid into PPS account

Ccy	Exchange Rate	Exposure Amount	Total Value of Collateral	Liability Shortage	Expected Collateral	Call Amount	Return Amount	Return Excess	Excess Collateral Value
EUR	1.06360	0.00	0	0.00		0.00	0.00	Y	0.00
GBP	1.000000	-3,300,000.00	3,000,000.00	-300,000		300,000.00	0.00	N	0.00
USD	1.45618	0.00	0	0.00		0.00	0.00	Y	0.00
This will list all the currencies in which liabilities or balances are held	This rate is calculated at 16:00 daily and is a notional rate used in the cover distribution process	This shows the total liability requirement. The liabilities for EquityClear are driven by the currency of trading and can be in CHF, GBP, EUR, NOK and USD.	This is the total post haircut value of all collateral (cash and securities) denominated in the reporting currency.	This shows the amount of deficit per exposure amount when compared to the total value of collateral (in all currencies). A margin call will be issued to cover this shortage.	If the margin call is issued in an alternative currency (due to the Clearing Member's margin call preferences) then that alternative ccy is shown here. Clearing Members can request that liabilities are covered with any of the LCH IM Acceptable Currencies.	The total margin call amount in each currency. This Includes both initial margin and variation Margin calls.	The total amount of excess or variation margin Automatically returned (auto-repay) in each currency.	The Clearing Member's preference for the automatic return of excess (auto-repay) for each currency (Y or N). Will show S When auto-repay is suspended due to a ccy holiday.	The total value of excess collateral (cash and securities post haircut value) denominated in the reporting currency after excess is returned.
	See REP00018	See REP00021	See REP00036a (non-cash) and REP00046a (cash)	See REP00019		See REP00019	See REP00019	See REP00019	See REP00019

REP00021: Initial and variation margin

– This report provides information on the initial and variation margin requirements, and indicates the commodity group/commodity code

Date	14/05/20XX	
Member	ABC	ABC SECURITIES
Account	H	
Currency	GBP	
Commodity Group	ECL	

These types of margin do not apply to LCH EquityClear business, and therefore these columns will always display 0.00

Contract	Initial Margin	NLV/Variation Margin	Cont/Spot Margin	Additional Margin
EGB	-2,600,000.00	300,000.00	0.00	0.00

E = EquityClear + (LCH)
GB = currency (GBP)

See Total Liability column in REP00030 for the difference between these margin amounts

Total initial margin	:	-2,600,000.00
Total variation margin	:	300,000.00
Total spot credit	:	0.00
Total spot debit	:	0.00
Total additional margin	:	0.00

Net total liability = GBP -2,300,000.00
See REP00019

REP00022: Yesterday's cover account postings 1

- This report provides details of the previous day's:
  - cash transactions (cover) by currency
  - cash call balance
  - any amounts which were paid or received
  - closing balance upon which interest or accommodation charges will be levied

Postings 1

Date 14/05/20XX
Member ABC ABC SECURITIES
Account H
Currency GBP

Yesterday's Call Balance: 0.00

These columns are always blank for PPS calls and pays on Postings 1

This column defaults to today's date*

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
PPS CALL				13-May-20XX	13-May-20XX		990,000.00	
					Totals for Com:		**990,000.00**	
					Totals for Postings 1:		**990,000.00**	

This column displays the type of movements on the account: PPS pay (debit) or PPS call: (credit)

The reference column will display a reference number for credit or debit notes

This row displays the total value of movements across the account

Yesterday's I & D Balance: 990,000.00

Interest on this balance will be applied at a rate calculated by LCH

* Please note that this column will display the value date incorrectly on Bank holidays (where is it a Bank holiday in the country of the origin of the underlying currency of the market)

REP00022: Yesterday's cover account postings 2

– This report provides details of all overnight postings, such as variation margin, fees, and interest

Postings 2

Date	14/05/20XX	
Member	ABC	ABC SECURITIES
Account	H	
Currency	GBP	

Yesterday's Call Balance: 990,000.00

This column defaults to today's date*

This column displays the date on which the funds are posted to Banking

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays the difference between the credit and debits

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
INTEREST				14-May-20XX	13-May-20XX		5,000.00	
					Totals for Com:		**5,000.00**	**5,000.00**
CFD Pos PNL	EGB	ECL		14-May-20XX	13-May-20XX		5,000.00	
					Totals for Com EGB:		**5,000.00**	**5,000.00**
					Totals for Postings 2:		**10,000.00**	**10,000.00**

This column displays the contract code:
E = EquityClear (LCH)
GB = Currency (GBP)

This column displays the commodity group: ECL for EquityClear (LCH)

This row displays the total value of postings to the account

Today's At call Cover Balance: 1,000,000.00

This is displayed as the opening cash cover balance on REP00019

* Please note that this column will display the value date incorrectly on Bank holidays (where is it a Bank holiday in the country of the origin of the underlying currency of the market)

REP00022a: Today’s non-cover account postings

- This report provides details of non-cover related account postings, such as Interest or coupon payments due
- Example below illustrates ABC member receiving the coupon payments on the 2 Bonds
- ‘Reference’ field states the security’s ISIN, the nominal amount, and the interest rate, respectively
- ‘Credit’ field illustrates the amount of coupon payment to the member’s account at LCH

Doc No - REP00022a

LCH.Clearnet Limited Report Last Refreshed: 01/01/2000 7:00

Today's Non-Cover Account Postings

Postings 1

Date 01/01/2000

Member ABC ABC Bank

Account C

Currency USD

Balance At Start Of Day : 0.00

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
Margin Coupon			US912828F213; 17,005,000.00; 0.01062	01-Jan-2000	01-Jan-2000	0.00	180,678.13	
				Totals for Com :		0.00	180,678.13	180,678.13

Description	Com	Exc	Reference	Value Date	Post Date	Debit	Credit	Total
Margin Coupon			US912828F478; 54,318,000.00; 0.00250	01-Jan-2000	01-Jan-2000	0.00	135,795.00	
				Totals for Com :		0.00	135,795.00	135,795.00

REP00019: Overnight cover distribution

– This report provides details of how overnight liabilities are covered, and any excesses, or shortfalls. Shortfalls result in a margin call

Date	14/05/20XX				
Member	ABC	ABC SECURITIES			
Account	H				
Currency	GBP	Screen currency		**Amount**	**Total**
Cash Cover Balance:	CREDIT		Opening cash balance	1,000,000.00	1,000,000.00
Comm Group	LIABILITY			-2,300,000.00	
ECL GBP	Bonds	See REP00036		1,000,000.00	
	Other Cash		i.e. Cash cover balance	1,000,000.00	0.00
Liability Shortage GBP			This will be debited overnight		-300,000.00
Total Net Shortage of GBP			See REP00030, (net shortage protected payment column), which shows a margin call for this amount		-300,000.00
Overall Unutilised				**Amount**	**Total**
				Excess cash	Figures displayed here represent the screen currency equivalent

REP00032: Member default fund

- This report displays the Default Fund contribution by Clearing Member
- The Equities Default Fund is paid in GBP sterling
- The Default Fund is recalculated on the first business day of each month

Date	07/11/20XX	
Member	ABC	ABC SECURITIES
Account	F	
Currency	GBP	

Displays the minimum required contribution to the Default Fund

Fund	Required MDF Contribution	Start Date	End Date
EDF	24,480,000.00	04 Oct 20XX	05 Nov 20XX
EDF	29,794,000.00	06 Nov 20XX	04 Dec 20XX

Three letter identifier for the type of segregated fund.
EDF = Equities Default Fund:
Includes LCH EquityClear and LSE Derivatives business

Displays the date range for the recalculation period

REP00033a: PPS movement detail

- This report shows the total amount of PPS calls and pays broken down into the individual movements by currency throughout the day
- Clearing Members are advised to check this report daily at 14:30 and 16:00, and save copies of the reports each day

Date	14/05/20XX
Member	ABC
Account	H

Ldg = ledger
COV = cover account

The liability, as shown in REP00030, exceeded the cover, resulting in a PPS call of 300,000 GBP

PPS pays will be made, and be displayed here, if the cover exceeds the liability (only if Auto-repay is switched on)

Displays the time, in 24 hour clock, that the PPS call was made

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
GBP	COV	300,000.00		14/05/20XX	02:55
GBP	**Total:**	**300,000.00**			

All amounts are displayed by time, in ascending order.

PPS calls have a time stamp

Currency	Ldg	PPS Call	PPS Pay	Value Date	Timesent
USD	COV	13,000,000.00		14/05/20XX	13:16
USD	**Total:**	**13,000,000.00**			

Note: PPS calls made after 14:30 (UK Time) will be called in USD

Displays the currency of the PPS call or PPS pay

Displays the value of the PPS call in the currency shown in the column to the left

Displays the value of the PPS payment in the currency shown in the column to the left

The value date is the date on which a cash posting can be used for cover purposes

Additional banking reports

Additional banking reports

These are generic reports and are available for information purposes. This section provides instructions on how to access additional Banking reports by market

Market	Accessed via	Daily Base Rates Report	Daily Exchange Rates	Non Cash Collateral Holdings	Statement of Account	Cash Collateral Holdings
LCH EquityClear LCH Listed Rates Nodal Exchange LCH RepoClear LCH SwapClear LCH ForexClear	LCH Portal	REP00017	REP00018	REP00036 REP00036a	REP00037	REP00046 REP00046a

Located in the Public folder: Banking

Located in the Clearing Member folder: Banking

REP00017: Daily base rates

– This report displays the interest rate paid on cash at LCH, by currency, and is used to calculate Clearing Members' interest
– This is known as the LDR (London Deposit Rate)
– This report is updated between 10:00 and 10:30 daily

Currency	Currency Name	Base Rate
CAD	CANADIAN DOLLARS	0.73410
CHF	SWISS FRANCS	-0.28430
DKK	DANISH KRONE	-0.40000
EUR	EURO	-0.14200
GBP	STERLING	0.09190
JPY	YEN	-0.20000
NOK	NORWEGIAN KRONER	1.16000
SEK	SWEDISH KRONER	0.76200
USD	US DOLLAR	-0.13000

REP00018: Daily exchange rates

From Currency	Currency Name	To Currency	Currency Name	Exchange rate
AUD	Australian Dollars	EUR	EURO	1.308200
CAD	CANADIAN DOLLARS	EUR	EURO	1.310100
CHF	SWISS FRANCS	EUR	EURO	1.240750
CZK	CZECH KORUNA	EUR	EURO	25.997500
DKK	DANISH KRONE	EUR	EURO	7.453450
EUR	EURO	EUR	EURO	1.000000
GBP	STERLING	EUR	EURO	0.842550
HKD	Hong Kong Dollars	EUR	EURO	10.013500
HUF	HUGARIAN FORINT	EUR	EURO	290.900000
JPY	YEN	EUR	EURO	131.715000
NOK	NORWEGIANKRONER	EUR	EURO	7.501250
NZD	New Zealand Dollars	EUR	EURO	1.573650
PLN	POLISH ZLOTY	EUR	EURO	4.182400
SEK	SWEDISH KRONA	EUR	EURO	8.573850
SGD	Singapore Dollars	EUR	EURO	1.613500
USD	US DOLLAR	EUR	EURO	1.289600

From Currency	Currency Name	To Currency	Currency Name	Exchange rate
ZAR	SOUTH AFRICAN RAND	EUR	EURO	11.984400
CNH	CHINESE RENMINBI	GBP	STERLING	0.988000
AUD	Australian Dollars	USD	US DOLLAR	1.014420
CAD	CANADIAN DOLLARS	USD	US DOLLAR	1.015900
CHF	SWISS FRANCS	USD	US DOLLAR	0.962120
CZK	CZECH KORUNA	USD	US DOLLAR	20.159400

REP00036/REP00036a: Non cash collateral holdings

- REP00036 is an intraday report, which provides details of Clearing Members' non cash collateral holdings
- REP00036a is an overnight report, and as such contains less information than the intraday report

Date	**06/08/20XX**
Member	**ABC**
Account	**H**

Securities

ISIN	CCY	Nominal	Haircut	Cover Calling Price	Pay Down Factor	Cover Value	Expiry Date	Custodian & Acc No.
DE0001134468	EUR	1,500,000.00	4.88	116.199997	1.000000	1,657,941.60	16/08/20XX	EUROCLEAR BANK AC 91205
FR0121411724	EUR	2,520,000.00	4.13	99.967216	1.000000	2,415,131.94	25/10/20XX	EUROCLEAR BANK AC 91205
GB00B128DH60	GBP	45,000.00	9.38	154.160004	1.000000	62,864.91	12/11/20XX	EUROCLEAR UK & IRELAND A/C 5165
GB00B4RMG977	GBP	300,000.00	7.00	111.349998	1.000000	310,666.50	27/08/20XX	EUROCLEAR UK & IRELAND A/C 5165

Triparty

CCY	Nominal	Cover Value	Expiry Date	Custodian
EUR	110,000,000.00	110,000,000.00	15/10/20XX	EUROCLEAR BANK TRIPARTY

Triparty is not applicable to LCH SwapClear client clearing business; as a result, this section will be blank on this report

Nominal Value – for Mortgage Backed Securities the Nominal displayed is the original Nominal prior to adjustment for pay down factors.
Cover Value – the calculation has taken into account haircuts and any nominal adjustments due to pay down factors.

REP00046/REP00046a: Cash collateral holdings

- Report 46a is an overnight report with the Start of Day cash holdings
- Report 46 is an intraday report, which updates during the day reflecting any changes in the cash balance resulting from Intraday movements.
- It contains details of Currency of Risk (CoR) and resulting Haircut applied to the cash collateral.

Date:	**01/06/20XX**
Member	**ABC**
Sub Acc	**H**
Currency of Risk	**EUR**

Currency	Deposit Amount	Haircut	Collateral Value	Reference Currency	Exchange Rate	Pre Haircut Reference Value	Post Haircut Reference Value
EUR	105,652.32	0.00	105,652.32	EUR	1.000000	105,652.32	105,652.32
USD	10,366,595.32	4.00	9,951,931.51	EUR	0.900000	9,329,935.79	8,956,738.36

REP00037: Statement of account

- This report provides a cumulative statement of all business activity for the previous month
- The below screen shot is an example from the LCH SwapClear market

Member ABC

Subaccount C BANK of ABC

Currency USD

Type of Account COV

Brought forward balance

B/F Balance: 9,911,594.51CR

Value date of posting or cash movement

This column displays the date on which the funds are posted to Banking

This column displays the type of ledger posting

Displays the contract code and currency **S** = SwapClear + **EU** = Euro

This column displays the commodity group: 'SWP' for SwapClear Global Service (LCH), and 'SUS' for SwapClear US-Domiciled service (LCH)

This column may display an LCH reference number

Negative postings: debit to the Clearing Member's account with LCH

Positive postings: credit to the Clearing Member's account with LCH

This column displays net of all credits and debits

Value Date	Posting date	Type	Com	Exchange	Reference	Debit	Credit	Total
13-May-20XX	12-May-20XX	COUPON	SEU	SWP		2,312,119.03		
13-May-20XX	12-May-20XX	NPV CHANGE	SEU	SWP		7,199,324.89		
13-May-20XX	12-May-20XX	PR AL INTST	SEU	SWP			8,513.57	
					Total	**9,511,443.92**	**8,513.57**	**9,502,930.35DR**
					Balance at 13 May 20XX			**408,664.16CR**

Sum of the brought forward balance, plus all debits and credits

Value Date	Posting date	Type	Com	Exchange	Reference	Debit	Credit	Total
13-May-20XX	13-May-20XX	PPS CALL			470007		19,000,000.00	
13-May-20XX	13-May-20XX	PPS PAYMENT			310002	6,502,310.85		
13-May-20XX	13-May-20XX	PPS PAYMENT			310002	35,652,341.31		
					Total	**42,154,652.16**	**19,000,000.00**	**23,154,652.16DR**

This figure is cumulative

REP00040: Monthly interest report

Report as at 31/12/2014
Member ABC ABC SECURITIES LTD
Account C
Currency USD

This is the EOD cash balance held with LCH. This figure will reconcile with the next business days 'Yesterday's I&D Balance' in Report 22 as Report 22 captures the previous days EOD balance under this heading

Displays the applicable benchmark rate (SONIA/EONIA/FED Rate etc) of interest applied to the EOD cash balance held.

Displays the daily accrued interest

Date	Position	Rate	Interest Amount
01/12/2014	57,857,139.10	0.0013	208.93
02/12/2014	56,050,977.41	0.0012	186.84
03/12/2014	57,470,852.67	0.0012	191.57
04/12/2014	56,417,986.47	0.0012	188.06
05/12/2014	55,957,711.25	0.0012	186.53
06/12/2014	55,957,711.25	0.0012	186.53
07/12/2014	55,957,711.25	0.0012	186.53
08/12/2014	53,384,277.97	0.0012	177.95
09/12/2014	53,128,381.36	0.0012	177.09
10/12/2014	53,899,300.67	0.0012	179.66
11/12/2014	63,379,027.08	0.0012	211.26
12/12/2014	66,309,163.86	0.0012	221.03
13/12/2014	66,309,163.86	0.0012	221.03
14/12/2014	66,309,163.86	0.0012	221.03
15/12/2014	68,546,071.22	0.0011	209.45

Date	Position	Rate	Interest Amount
16/12/2014	76,947,112.79	0.0012	256.46
17/12/2014	71,493,273.62	0.0013	258.17
18/12/2014	65,466,225.93	0.0013	236.41
19/12/2014	62,618,387.67	0.0013	226.12
20/12/2014	62,618,387.67	0.0013	226.12
21/12/2014	62,618,387.67	0.0013	226.12
22/12/2014	67,891,608.51	0.0013	245.16
23/12/2014	65,826,762.05	0.0013	237.71
24/12/2014	49,663,538.20	0.0013	179.34
25/12/2014	49,663,538.20	0.0013	179.34
26/12/2014	22,852,531.83	0.0013	82.52
27/12/2014	22,852,531.83	0.0013	82.52
28/12/2014	22,852,531.83	0.0013	82.52
29/12/2014	23,436,286.53	0.0013	84.63
30/12/2014	14,702,068.72	0.0013	53.09
31/12/2014	14,664,910.55	0.0006	24.44
		Total	**5,634.19**

The monthly total benchmark interest calculated.

This will be directly paid/called to/from the associated underlying PPS account on the third business day the month.

This figure will reconcile with both Report 22a and Report 33a published on the third business day of the month.

REP00041: Monthly fees report

Cash Collateral Fee-

Report as at	31/12/2014	
Member	ABC	ABC SECURITIES LTD
Account	C	
Currency	USD	
Fee Type	Cash Collateral Fee	

This is the EOD cash balance held with LCH. This figure will reconcile with the next business days 'Yesterday's I&D Balance' in Report 22 as Report 22 captures the previous days EOD balance under this heading

Displays the applicable Cash Collateral Fee rate applied to the EOD cash balanced held.

Displays the daily accrued Cash Collateral Fee.

Date	Position	Rate	Fee Amount
01/12/2014	57,857,139.10	0.002	321.43
02/12/2014	56,050,977.41	0.002	311.39
03/12/2014	57,470,852.67	0.002	319.28
04/12/2014	56,417,986.47	0.002	313.43
05/12/2014	55,957,711.25	0.002	310.88
06/12/2014	55,957,711.25	0.002	310.88
07/12/2014	55,957,711.25	0.002	310.88
08/12/2014	53,384,277.97	0.002	296.58
09/12/2014	53,128,381.36	0.002	295.16
10/12/2014	53,899,300.67	0.002	299.44
11/12/2014	63,379,027.08	0.002	352.11
12/12/2014	66,309,163.86	0.002	368.38
13/12/2014	66,309,163.86	0.002	368.38

Date	Position	Rate	Fee Amount
14/12/2014	66,309,163.86	0.002	368.38
15/12/2014	68,546,071.22	0.002	380.81
16/12/2014	76,947,112.79	0.002	427.48
17/12/2014	71,493,273.62	0.002	397.18
18/12/2014	65,466,225.93	0.002	363.7
19/12/2014	62,618,387.67	0.002	347.88
20/12/2014	62,618,387.67	0.002	347.88
21/12/2014	62,618,387.67	0.002	347.88
22/12/2014	67,891,608.51	0.002	377.18
23/12/2014	65,826,762.05	0.002	365.7
24/12/2014	49,663,538.20	0.002	275.91
25/12/2014	49,663,538.20	0.002	275.91
26/12/2014	22,852,531.83	0.002	126.96
27/12/2014	22,852,531.83	0.002	126.96
28/12/2014	22,852,531.83	0.002	126.96
29/12/2014	23,436,286.53	0.002	130.2
30/12/2014	14,702,068.72	0.002	81.68
31/12/2014	14,664,910.55	0.002	81.47
		Total	**9,128.34**

The monthly total Cash collateral fee calculated.

This will be directly paid/called to/from the associated underlying PPS account on the third business day of the month.

This figure will reconcile with both Report 22a and Report 33a published on the third business day of the month.

Non Cash Collateral Fee –

Report as at	31/12/2014	
Member	ABC	ABC SECURITIES LTD
Account	C	
Currency	EUR	
Fee Type	NON CSH COL FEE	

This is the EOD utilised non cash collateral balance held with LCH. This figure will reconcile with report 19 where you will see the utilised non cash collateral value against your overnight liability.

Displays the applicable Non Cash Collateral Fee rate applied to the EOD utlilsed non cash balance held.

Displays the daily accrued Non Cash Collateral Fee

Date	Position	Rate	Interest Amount
06/12/2016	15526564	0.10000	43.13
07/12/2016	1433332	0.10000	3.98
15/12/2016	1525201	0.10000	4.24
21/12/2016	18328674	0.10000	50.91
22/12/2016	32905515	0.10000	91.4
23/12/2016	29667694	0.10000	82.41
24/12/2016	29667694	0.10000	82.41
25/12/2016	29667694	0.10000	82.41
26/12/2016	29667694	0.10000	82.41
27/12/2016	33935982	0.10000	94.27
28/12/2016	28928443	0.10000	80.36
29/12/2016	39804558	0.10000	110.57
30/12/2016	33072562	0.10000	91.87
31/12/2016	33072562	0.10000	91.87
		Total	**992.24**

The total monthly Non Cash collateral fee calculated.

This will be directly paid/called to/from the associated underlying PPS account on the third business day of the month.

This figure will reconcile with both Report 22a and Report 33a published on the third business day of the month.

REP00042: Daily collateral fee rate report

– Report 42 is published daily in the Public folder of the portal under the fees folder and displays the daily collateral fees for the current day, for each CCY, per clearing service and default fund. The report displays both non cash collateral fees and cash collateral fees.

LCH.Clearnet Limited **Report Last Refreshed: dd/mm/yyyy hh:mm:ss**

Daily Collateral Fee Rate Report

Report as at dd/mm/yyyy

Cash Collateral Fees

	Default Funds					
Currency	SwapClear	Fixed Income	EquityClear	ForexClear	Commodities	Rates
AUD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
CAD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
CHF	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DKK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
EUR	0.00000	0.00200	0.00000	0.00000	0.00000	0.00000
GBP	0.00100	0.00100	0.00100	0.00000	0.00000	0.00100
JPY	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NOK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SEK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
USD	0.00000	0.00000	0.00000	0.00000	0.00050	0.00000

	House						
Currency	SwapClear	EnClear	ForexClear	RepoClear	EquityClear	Listed Rates	Other
AUD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
CAD	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
CHF	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
DKK	0.00300	0.00300	0.30000	0.30000	0.00300	0.00300	0.00300
EUR	0.00350	0.00350	0.00350	0.00350	0.00350	0.00350	0.00350
GBP	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250
JPY	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
NOK	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
SEK	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
USD	0.00230	0.00230	0.00230	0.00230	0.00230	0.00230	0.00230

	Client						
Currency	SwapClear	EnClear	ForexClear	RepoClear	EquityClear	Listed Rates	Other
AUD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
CAD	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
CHF	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
DKK	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
EUR	0.00150	0.00350	0.00350	0.00350	0.00350	0.00150	0.00350
GBP	0.00050	0.00250	0.00250	0.00250	0.00250	0.00050	0.00250
JPY	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
NOK	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
SEK	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300
USD	0.00100	0.00230	0.00230	0.00230	0.00230	0.00100	0.00230

LCH.Clearnet Limited Report Last Refreshed: dd/mm/yyyy hh:mm:ss

Daily Collateral Fee Rate Report

Non Cash Collateral Fees

	Client / House						
Currency	European Government Bonds	Non-European Government Bonds	UK Gilts	Treasury Bills	Mortgage Backed Securities	InterOp Tri-party	Member Tri-party
AUD	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
CAD	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
CHF	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
DKK	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
EUR	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
GBP	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
JPY	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
NOK	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
SEK	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100
USD	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100

	Client - SwapClear						
Currency	European Government Bonds	Non-European Government Bonds	UK Gilts	Treasury Bills	Mortgage Backed Securities	InterOp Tri-party	Member Tri-party
AUD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
CAD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
CHF	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DKK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
EUR	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
GBP	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
JPY	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NOK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SEK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
USD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

	Client - Listed Rates						
Currency	European Government Bonds	Non-European Government Bonds	UK Gilts	Treasury Bills	Mortgage Backed Securities	InterOp Tri-party	Member Tri-party
AUD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
CAD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
CHF	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DKK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
EUR	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
GBP	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
JPY	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NOK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SEK	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
USD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Glossary of Terms

Term	Definition
Account	Account will identify house or client business. See subaccount.
Accrued Interest	Interest earned on the Default Fund contribution, calculated to date.
Amount	The value of the posting by currency.
Auto Repay	The automatic repayment of excess cash to Clearing Members' PPS bank accounts.
Base Rate	The rate of interest paid by LCH to Clearing Members on cash initial margin, which is calculated daily.
Bonds	Type of security lodged to cover Clearing Members' liabilities. A full list of acceptable securities can be found on LCH website: – LCH Group – Risk Management – LLC- Acceptable Collateral – LCH Group – Risk Management – Ltd – Acceptable Collateral
Cash Cover	The opening cash balance after the following deductions/additions, for example: – profit/loss (variation margin) from previous day's trading – fees – interest – previous day's PPS call/pay

Term	Definition
Cash Cover Balance	See Cash Cover.
Ccy	Abbreviation for currency.
CDR	Abbreviation for client deposit rate. This is the rate at which LCH will pay or charge interest on credit cash balances of LCH SwapClear client financial accounts.
CFDs (Contracts for Difference)	Contracts for difference are traded on margin and the profit / loss is determined by the difference between the buy and the sell price.
Collateral	Acceptable securities and cash. A full list can be found on the LCH website – www.lch.com/Risk Management/LCH/Acceptable Collateral
Non Cash Collateral Holdings Report	The report which details a Clearing Member's collateral holdings.
Commodity Code	The three letter code that denotes the contract referred to on the report, for example: DOP – Discounted Off Peak EPT (USD) NI – Nickel (LME) EGB – EquityClear (LCH) (GBP) REU – RepoClear (LCH) (EUR) SGB – SwapClear (LCH) (GBP) A full list can be obtained from the Collateral Operations department.
Commodity Group	The reference to the exchange or market on which a contract is traded, for example: RCL – RepoClear (LCH) SWP – SwapClear (LCH)
Contingent Variation Margin (CVM)	CVM is calculated as the Dollar value of the difference between the traded price and the current closing price daily at gross level.

Term	Definition
Contract Code	The code that denotes the contract referred to on the report, for example: DOP – Discounted Off Peak EPT (USD) EGB – EquityClear (LCH) (GBP) REU – RepoClear (LCH) (EUR) SGB – SwapClear (LCH) (GBP) A full list can be obtained from the Collateral Operations department.
Coupon	The fixed or floating interest amount due to be paid or received on a swap.
Cover	Transactions posted to the cover account include, but are not limited to: – PPS payments and receipts – option premiums – trade coupons – currency purchases and sales – LCH SwapClear coupon payments – LCH SwapClear coupon adjustments – net present value (NPV) – price alignment interest (PAI) – consideration
Cover Account Postings	Postings to the cover account.
Collateral and Exposure Summary	The report which provides a summary version of the following reports: – Initial and Variation Margin – Yesterday's Cover Account Postings – Overnight Cover Distribution – Non Cash Collateral Holdings
Cover Value	The value of securities after haircut and pricing.

Term	Definition
Credit	A positive figure.
Csh Col Fee	The cash collateral fee charged on all cash balances regardless of utilisation
Currency	A denomination of cash from a particular country. Currencies accepted by LCH are: – AUD – Australian Dollar – CAD – Canadian Dollar – CHF – Swiss Franc – CZK – Czech Koruna – DKK – Danish Krone – EUR – Euro – GBP – Sterling – HKD – Hong Kong Dollar – HUF – Hungarian Forint – JPY – Japanese Yen – MXN – Mexican Peso – NOK – Norwegian Kroner – NZD – New Zealand Dollar – PLN – Polish Zloty – SEK – Swedish Krona – SGD – Singapore Dollar – ZAR – South African Rand (NB. Not all may be used to cover liabilities)
Currency Name	The name given to a denomination of cash, for example Hong Kong Dollar.
Daily Base Rates	This report displays the interest rate, by currency, used to calculate Clearing Members' interest. This is known as the LDR (London Deposit Rate). This report is updated daily at approximately 15:00.
Date	The day the figures on the report relate to i.e. today's date.
Debit	A negative figure.

Term	Definition
Default Fund	Clearing Members contribute to a Default Fund in proportion to their cleared business. This would be used to deal with the consequences of a Clearing Member default, if the default exceeded the margin held.
Delivery Margin	Any physically deliverable cleared contract will be called some form of contingent margin throughout the delivery cycle.
Description	An explanation of the posting.
End Date	The final date in the calculation period for interest earned on the Default Fund.
EOD	End of day
Excess	Unutilised cash after liabilities have been covered.
Exchange Code	LCH's code for the market in which the contract is traded, for example: – ECL – EquityClear (LCH) – FXC – ForexClear (LCH)
Exchange Rate	The rate LCH uses to convert currencies. This rate is calculated at 17:00 daily and then reported before end of day. It is a notional rate used in the cover distribution process.
Expiry Date	The date on which collateral can no longer be used as cover.
Final Interest Payment	The interest amount paid to the Clearing Member at the end of the Default Fund interest calculation period.
GBP Equivalent	The Sterling equivalent of unutilised cash or collateral, after liabilities have been covered.
Haircut	A discount applied by LCH to securities to cover price volatility.
Initial and Variation Margin Report	The report which displays a breakdown of a Clearing Member's margin liability including: – initial margin – contingent variation margin – net liquidation value (NLV) – delivery margin – spot margin

Term	Definition
Initial Margin	A Clearing Member must lodge a 'good faith' deposit (initial margin) with LCH to cover potential losses for the closing out of open positions in the event of a Clearing Member default.
Interest	Monthly interest and accommodation charge postings.
Interest Rate	The rate used to calculate interest earned from the Default Fund contribution.
ITD PPS Movement Detail Report	This report shows the total amount of PPS calls and pays broken down into individual movements by currency throughout the day.
LCH Group Limited	The London Clearing House (LCH) and Clearnet merged on 22 December 2003 to create Europe's leading provider of clearing and central counterparty services. On 15 August 2012, LCH Group acquired sole ownership of International Derivatives Clearing Group, LLC creating a U.S. operating subsidiary renamed LCH LLC. On 01 May 2013, London Stock Exchange Group completed a transaction to become a majority shareholder in LCH Group Limited, holding 57.8%. The remaining 42.2 % is owned by the Exchanges (22.5%) and Clearing Members (77.5%).
LCH	LCH is a Recognised Clearing House (RCH) under the BoE and is responsible for the clearing and settlement of: – Derivative transactions on Exchanges – Cash equities and CFDs on LCH EquityClear – OTC products, including commodity, repo and swap products (LCH ForexClear, LCH EnClear OTC Services, LCH RepoClear and LCH SwapClear)
Ldg	Abbreviation of ledger.
Ledger	The type of account used at LCH. This will be either cover or non-cover.
Liability	This can include the following: – initial margin – contingent variation margin – net liquidation value (NLV) – delivery margin – spot margin

Term	Definition
Liability Shortage	The amount owed by Clearing Members in cash after cash/collateral has been utilised. This will be called via PPS from a Clearing Member's bank account.
LIBOR – London Inter Bank Offered Rate	The rate at which leading banks offer to make deposits on the Euromarkets with other leading banks. The rate at which leading banks offer to make deposits on the Euromarkets with other leading banks.
London Deposit Rate (LDR)	The rate of interest paid/charged by LCH to Clearing Members on cash initial margin, which is calculated daily for each currency by 10:00 hours. It is derived from bid rates for overnight funds quoted by selected money brokers and/or major banks.
Member Default Fund Report	This report displays the Default Fund contribution by Clearing Member.
Member	The mnemonic or name of the Clearing Member.
Mnemonic	A three letter code identifying each Clearing Member firm to LCH.
Net Liquidation Value (NLV)	Unrealised profit/loss.
Net Present Value (NPV)	The mark-to-market value of a swap transaction. Also known as variation margin.
Net Shortage	The amount owed by the Clearing Member in cash after cash/collateral has been utilised. This will be called via PPS from a Clearing Member's bank account.
Net Total	The total of all debits and credits.
Nominal Value	The amount lodged before pricing.
Non Cash Collateral Holdings Report	The report which details a Clearing Member's collateral holdings
Non Csh Col Fee	The non cash collateral fee charged on the utilised value of non cash collateral used as per report 19
Non-Cover	Transactions posted to the non-cover account include but are not limited to: – PPS Payments and receipts – Interest – Non Cash Collateral Fees – Cash Collateral Fees – Coupon payments relating to a Clearing Member's collateral
Options Premium	The price for an option

Term	Definition
Other Cash	The cash cover balance used to cover Clearing Members' liabilities. This can also include balances in all currencies accepted by LCH.
Overall Unutilised	The total of unutilised cash.
Overnight Cover Distribution Report	This report displays how cash and collateral have been utilised as well as detailing the PPS margin call.
Post Date	The date on which the posting was made e.g. trade date.
Price	Refers to Collateral Price.
Price Alignment Interest (PAI)	The overnight interest paid or received on cumulative variation margin balances.
Protected Payments System (PPS)	The automated payments system operated by LCH for the collection and payment of margin. LCH has a mandate over its Clearing Members' bank accounts, and can therefore pass instructions for margin monies to be electronically transferred from Clearing Members' accounts to its own account to cover margin calls. In addition it can electronically credit Clearing Members' bank accounts with variation margin credits and the return of initial margin.
PPS Call	Debits the Clearing Member's PPS account and credits the Clearing Member's holdings with LCH.
PPS Pay	Credits the Clearing Member's PPS account and debits the Clearing Member's holdings with LCH.
PPS Movement Totals	This report shows the total amount of PPS calls and pays at the time specified on the report. This is updated throughout the working day and includes intraday margin calls.
Required MDF Contribution	The total amount of Default Fund that each Clearing Member is required to contribute.
Screen Currency	Refers to the currency on the screen or report.
Spot Margin	The margin applied to certain contracts under delivery.
Start Date	The date on which the Default Fund contribution is reset.

Term	Definition
Subaccount	This refers to different types of cover account and could be one of the following: **B** House buffer account (house business) **C** Segregated client account **E** Client buffer account (client business) **F** Default Fund account **H** House account **I** Coupon account (house business) **L** Coupon account (client business) **X** Buyers security account (client business) **Z** Buyers security account (house business)
Today's At Call Cover Balance	The opening cash balance after all entries have been posted.
Total Liability	The total of the following: – initial margin – contingent variation margin – net liquidation value (NLV) – delivery margin – spot margin
Total Net Shortage	The amount of cash which will be called from a Clearing Member's PPS account.
Unutilised Cash	Unutilised cash after liabilities have been covered.
Variation Margin	Two types: – realised profit/loss otherwise known as 'settlement' i.e. marked-to-market and settled-to-market – unrealised profit/loss otherwise known as contingent variation margin or net liquidation value (NLV) i.e. marked-to-market.

Term	Definition
Yesterday's Call Balance	Previous day's balance before PPS call/pay has been included. – PPS payments and receipts – LME (JPY only) delivery amounts – settlement differences for LME (JPY only) – coupon payments relating to a Clearing Member's collateral
Yesterday's Cover Account Postings	The report which details items posted to a Clearing Member's cover account: – part one shows previous day's PPS call/pay – part two shows all overnight postings: – profit/loss (variation margin) from previous day's trading
Yesterday's I & D Balance	Previous day's closing cash balance. LCH will pay/charge interest at LDR on this amount.

Documents

Banking Reports: Text File Formats	http://www.lch.com/risk-collateral-management/collateral-management