

附件 1

银行间市场清算所股份有限公司集中清算 业务指南 (人民币外汇交易中央对手清算业务)

上海清算所于 2013 年 4 月开展人民币外汇询价交易净额清算业务，包括外汇即期交易，以及期限 1 个月以内的外汇远掉期交易。2014 年 11 月，上海清算所升级人民币外汇交易中央对手清算业务，在外汇询价交易净额清算业务基础上，按照《金融市场基础设施原则》规定，将远掉期交易的可清算期限由 1 个月拓展至 1 年，两者在清算业务要素规定、日间及日终清算流程等方面保持一致。2016 年 8 月，上海清算所将符合一定条件的人民币外汇期权交易纳入中央对手清算业务。2020 年 11 月，上海清算所进一步拓展外汇中央对手清算业务的清算期限和清算品种。2023 年 10 月，上海清算所进一步拓宽外币结算渠道，支持使用境内外币支付系统完成人民币外汇交易中央对手清算业务的美元资金结算。2024 年 3 月，上海清算所将人民币外汇远掉期的可清算期限由 1 年拓展至 5 年。

1.1 外汇清算业务要素规定

人民币外汇交易中央对手清算产品包括人民币外汇即期交

易¹、人民币外汇掉期交易、人民币外汇远期交易及人民币外汇期权交易。

人民币外汇即期交易：指交易双方以约定的外汇币种、金额、汇率，在交易日（T 日）后两个工作日（T+2 日）及以内结算的外汇对人民币的交易。

人民币外汇掉期交易：指交易双方约定一前一后两个不同的起息日、方向相反的两笔本外币交易，在前一次交易（近端交易）中，一方用外汇按照约定汇率从另一方换入人民币（或人民币换入外汇）；在后一次交易（远端交易）中，该方再用人民币按照另一约定汇率从另一方换回外汇（或外汇换回人民币）。

人民币外汇远期交易：指交易双方以约定的外汇币种、金额、汇率，在约定的未来某一日期结算的外汇对人民币的交易。

人民币外汇期权交易：指在未来某一交易日以约定汇率买卖一定数量外汇资产的权利。期权的买方以支付期权费的方式拥有权利，期权卖方收取期权费，并在买方选择行权时履行义务。

目前，上海清算所接受的清算业务产品如下表所示（其中，T 日表示交易日，下同）。未来根据业务发展需要增加产品种类、货币对及期限范围，并另行公布。

表一：清算产品表

产品种类		货币对	近端结算日	远端结算日
即期交易	Spot	USD/CNY	T+1 日、T+2 日	无

¹ 不包括结售汇竞价即期交易。

			EUR/CNY, JPY/CNY, GBP/CNY, HKD/CNY, AUD/CNY	T+2 日	
掉期交易	隔夜	Tom/Next	USD/CNY	T+1 日	T+2 日
	即期对远期	Spot -Forward		T+1 日、T+2 日	T+F 日 ($F \leq 5Y+2$)
	远期对远期	Forward1 -Forward2		T+F1 日	T+F2 日 ($2 < F1 < F2 \leq 5Y+2$)
远期交易		Forward		无	T+F 日 ($F \leq 5Y+2$)
期权交易（含组合）		Option	USD/CNY	无	T+F 日 ($F \leq 1Y+2$)

表二：清算产品要素表

基本要素			
对手方	清算参与者	成交类型	即期、远期、掉期、期权
成交日期	不限	成交时间	不限
近（远）端起息日	不限	期权到期日	不限
近（远）端交易货币对	即期：USD/CNY、EUR/CNY、JPY/CNY、GBP/CNY、HKD/CNY、AUD/CNY； 远期、掉期、期权：USD/CNY		
近（远）端基础币种	USD、EUR、100JPY、GBP、HKD、AUD	近（远）端成交价格	汇率数值精确到小数点后 4 位（其中 HKD 精确到小数点后 5 位）

近（远）端外币 买入量	不限	近（远）端外币 卖出量	不限
近（远）端人民 币买入量	不限	近（远）端人民 币卖出量	不限
期权费	仅适用于外汇期权	期权费交割日	T+1 至期权交割日

在选择相应清算产品后，该业务清算会员及非清算会员之间通过中国外汇交易中心系统达成的人民币外汇交易均通过上海清算所进行集中清算，除非不对该等交易实施集中清算。已传输至上海清算所的结算日为 T+1 日的交易，原则上不可撤销。

1.2 日间清算处理

表三：外汇清算业务运营时间表

日期	时间	事项
日间	9:30	接收前一日成交数据
	9:30-11:30	合规检查
	9:30-10:30	代理清算确认
	11:30	第一批次日间保证金支付截止 ²
	15:00	前一日盯市损益支付截止 前一日日终保证金追加截止
	15:00	综合会员完成保证金分配
	15:15	接收当日成交数据
	15:15-16:15	合规检查
	15:15-15:45	代理清算确认
	16:15	第二批次日间保证金支付截止 ³

² 具体日间保证金截止时间以单据为准。

日期	时间	事项
	16:15	发布清算退出单（如有）
	17:00	保证金提取截止、代理保证金提取截止
	18:30	生成日终保证金清单
S-1 日	11:30	生成结算清单（欧元、英镑、日元、澳元、港币）
	12:00 前	清算所将 S 日外币资金结算明细表通知外汇结算银行（除美元外）
	14:30 前	日元、澳元：清算会员向外汇结算银行发出预到账通知（MT210） 注：于 S 日划入外汇资金的清算会员
	16:00 前	1. 欧元、英镑、港币：清算会员向外汇结算银行发出预到账通知（MT210） 注：于 S-1 日划入外汇资金的清算会员 2. 日元、澳元：外汇资金汇出指令（MT202）截止
	16:15	生成结算清单（人民币、美元）
	17:00 前	清算所将 S 日美元资金结算明细表（外汇结算银行路径）通知外汇结算银行
	18:00 前	美元：清算会员向外汇结算银行发出预到账通知（MT210） 注：于 S-1 日通过外汇结算银行划入外汇资金的清算会员
S 日 （结算日）	11:00 前	1. 日元、澳元：会员通过代理行发出支付指令（MT202） 2. 日元、澳元：会员向外汇结算银行发出支付指令（MT202）或外汇结算银行主动扣收，结算银行将清算会员的到账信息实时通知上海清算所

³ 具体日间保证金截止时间以单据为准。

日期	时间	事项
	11:30 前	日元、澳元：上海清算所根据到账通知，在 11:30 前向外汇结算银行发出支付指令，支付该会员应收的外汇资金
	12:00 前	美元、欧元、英镑、港币：清算会员向外汇结算银行发出预到账通知（MT210） 注：于 S 日通过外汇结算银行划入外汇资金的清算会员
	14:30	美元、欧元、英镑、港币：会员向外汇结算银行发出支付指令（MT202） 注：会员选择主动向外汇结算银行发送 MT202 报文
	9:00-15:00	美元、欧元、英镑、港币：外汇结算银行主动扣收应付资金会员账户 注：会员选择不主动向外汇结算银行发送 MT202 报文 美元：上海清算所通过境内外币支付系统扣收清算会员应付美元资金 注：会员选择通过境内外币支付系统结算美元
	15:00 前	1. 会员人民币资金付款截止 2. 美元、欧元、英镑、港币：外汇结算银行将清算会员的到账信息实时通知上海清算所 3. 港币：资金汇出指令（MT202）截止
	15:30	1. 美元、欧元、英镑、港币：上海清算所只有在收到单个清算会员应划入的全部币种资金及盯市保证金后，于 S 日 15:30 前通知外汇结算银行进行资金支付或通过境内外币支付系统将美元资金划入清算会员开立在境内外币支付系统的清算账户 2. 会员人民币及外币资金收款
	16:00	美元、欧元、英镑资金汇出指令（MT202）截止

日期	时间	事项
S+1 日	10:00	所有外币：外汇结算银行发送对账单截止时点

上海清算所系统每日 9:30 及 15:15 分两批次接收来自外汇交易中心的成交数据，并进行后续处理。交易双方亦可通过其他符合要求的方式，将成交数据提交上海清算所进行集中清算。

在 T 日 14:00 前达成并于 15:00 前完成交易确认的结算日为 T+1 日的成交数据，以及 15:00 前完成交易确认的结算日在 T+2 日及以后的成交数据，上海清算所在 15:15 后进行风控合规检查；在 15:00 后完成交易确认的结算日在 T+2 日及以后的成交数据，上海清算所在 T+1 日 9:30 后进行风控合规检查。

本业务中，清算参与者总风险值为考虑了保证金要求、日间盯市亏损、前一日日终盯市在途资金后的总风险暴露值。

总风险值=合约组合风险敞口对应的初始保证金要求+特殊保证金要求+max(当日日间盯市亏损金额-日内亏损阈值参数,0)+前一日日终盯市应付金额（在途）

风控合规检查是判断待检查交易是否会引起非清算会员或清算会员的总风险值超出最大容忍阈值。根据检查结果，上海清算所对已通过代理确认或无须代理确认的交易采取相应的后续处理。具体见下表：

表四：风控合规检查结果与处理方式

检查结果	处理方式
成交双方对应的非清算会员及清算会员（包括代理非清算会员的综合清算会	清算系统将该笔成交纳入后续的中央对手清算处理。

检查结果	处理方式
员)同时满足: 1. 接单后总风险值<接单前总风险值, 或者接单后总风险值<保证金余额+容忍度	
成交双方对应的非清算会员或清算会员(包括代理非清算会员的综合清算会员)任意一方不满足前述条件。	该笔成交进入等待队列, 上海清算所将向超出方追缴保证金, 保证金追缴成功后, 重新将该笔交易纳入中央对手清算风控检查 ⁴ 。

对于代理业务, 综合清算会员可自主选择逐笔确认和默认确认中的一种代理确认方式, 并在 T 日 15:15 及 T+1 日 9:30 之后通过客户端对所有待确认的代理业务交易进行代理清算确认。

其中, 逐笔确认是指综合清算会员需要对非清算会员的每一笔交易进行代理确认, 超过规定时间未完成代理确认的交易将不进入后续清算流程; 默认确认是指综合清算会员对非清算会员的所有交易不进行代理确认, 所有代理交易为默认确认。

综合清算会员须在 10:30 之前完成第一批次清算的代理清算确认, 在 15:45 之前完成第二批次清算的代理清算确认, 完成核对并通过客户端提交代理确认指令, 若综合清算会员选择拒绝确认代理业务交易, 该笔交易将不进入后续清算流程。若同一笔交易的交易双方为同一个综合清算会员代理, 代理确认时, 综合清算会员须对同一笔交易的两方分别进行代理确认方能完成对该笔交易的代理确认。

清算会员可于 T 日 15:25 之后通过客户端查询当天提交清算

⁴清算参与者应采取措施确保保证金缺口小于最大容忍阈值, 其中包括提前完成日终保证金交纳。

的通过要素检查的所有交易及其交易明细，于 T+1 日 9:45 之后通过客户端查询 T 日达成的通过要素检查的所有交易及其交易明细，支持以 Excel 和 XML 格式导出。

根据上述情况，交易状态包含：

a. 待代理确认；b. 风控检查中；c. 风控检查通过； d. 作废。

自营业务的买/卖方状态包含：

a. 已确认

代理业务的买/卖方状态包含：

a. 待代理确认；b. 代理已确认；c. 代理已拒绝。

买/卖方状态备注显示买/卖方状态的详细信息，如默认确认等。

上海清算所每日分两批次进行合约替代，清算会员可于 T 日 16:15 之后，以及 T+1 日 11:30 之后通过合约替代单查询到上海清算所当日已经完成合约替代的外汇即期、远期、掉期和期权成交数据。每批次合约替代单生成截止时间后（11:30 及 16:15），仍未通过该批次风控检查的成交数据将无法进入中央对手清算。

上海清算所每日分两批次进行清算轧差，将所有通过风控检查的交易于 S-1 日完成清算轧差，并生成结算清单，其中欧元、英镑、港币、日元和澳元的结算清单于 11:30 之后生成，人民币和美元的结算清单于 16:15 之后生成。此外，清算会员也可通过结算清单查询到上海清算所已经完成合约替代且当日进入轧差

的成交数据；可通过客户端查询到上海清算所已经完成合约替代但尚未进入轧差的成交数据。

上海清算所接收清算参与者通过交易中心终端提交的冲销交易清算退出申请。上海清算所对申请清算退出的外汇交易进行要素合规性、风险合规性检查，检查通过后于 16:15 之后发布清算退出单。

1.3 日终清算处理

结算报表包括合约替代单和结算清单。

合约替代单：指上海清算所已经完成合约替代，纳入中央对手清算的 T 日达成的成交数据。其中，外汇期权交易单独生成合约替代单，外汇即期、远期和掉期交易合并生成合约替代单，支持以 PDF、Excel 和 XML 格式下载。

结算清单：上海清算所依据清算轧差结果分别生成结算清单，其中外汇期权的期权费与期权差额行权生成的人民币现金流合并轧差并生成外汇期权交易结算清单，外汇即期、远期和掉期交易与期权全额行权生成的即期交易合并轧差并生成外汇交易（不含期权）结算清单。结算清单提供中文和英文两个版本，以中文表述为准。

外汇期权交易结算清单包括结算日（S 日，下同）结算资金净额及其对应的期权成交数据以及期权差额行权的现金流数据；外汇交易（不含期权）结算清单包括结算日（S 日，下同）结算

资金净额及其对应的即期、远期、掉期成交数据及期权全额行权生成的外汇即期交易数据等。结算清单支持以 PDF、Excel 和 XML 格式下载。

上海清算所在出单日生成和发布结算报表。清算会员在出单日单据生成时点后可通过客户端下载或打印合约替代单和结算清单。

综合清算会员可自主选择将其自营和代理交易分开或者合并轧差结算。若选择自营、代理交易分开轧差，其结算清单将分开出单，综合清算会员操作员可在自营单据查询界面查询自营业务相关单据，可在代理单据查询界面查询代理业务相关单据；若选择自营、代理交易合并轧差，其结算清单将合并出单，且由综合清算会员操作员在自营单据查询界面下载相关单据。

1.4 结算处理

1.4.1 保证金结算处理

1. 日终保证金交纳

上海清算所于每个工作日进行清算参与者日终保证金计算，18:30 以后可供清算会员在客户端下载。清算会员根据收到的日终保证金清单确定每一种类的保证金追加和释放冻结金额以及双向盯市损益结算金额，综合清算会员可根据日终保证金清单及在客户端查询到的非清算会员保证金要求明细确定非清算会员的保证金追加和释放冻结金额以及双向盯市损益结算金额。

人民币日终保证金（包括超限保证金和盯市损益结算）追加截止时点为次一工作日 15:00。最低保证金追加截止时点根据上海清算所通知单据为准。未能在规定时间内成功交纳保证金的清算参与者，构成保证金违约，按保证金违约程序处理。

综合清算会员须在完成保证金支付到账的基础上于次一工作日 15:00 前通过客户端完成对该笔保证金的分配，如未及时分配造成非清算会员保证金不足的，将视为保证金违约。

清算会员可通过以下途径交纳人民币保证金：（1）自主交纳：通过人民币大额支付系统，于当日规定时点前将保证金划入上海清算所指定的保证金账户。（2）主动扣收：对于人民币变动保证金，清算会员可授权上海清算所主动扣收。系统将在生成保证金追缴通知的同时，向大额支付系统发送即时转账报文，从清算会员开立在大额支付系统的清算账户扣划相应资金。（3）对于人民币最低保证金，清算会员可授权上海清算所主动扣收。系统将在生成保证金追缴通知的同时，向大额支付系统发送即时转账报文，从清算会员开立在大额支付系统的清算账户扣划相应资金。

（4）因不可抗力无法通过以上两种途径支付保证金时，可以通过任何可行的途径将保证金划入上海清算所指定的保证金账户。

清算会员在规定时间内之前将美元保证金划入上海清算所指定的保证金账户。

非清算会员应根据综合清算会员要求在规定时间内足额缴纳保证金。

2. 日间保证金交纳

上海清算所触发日间保证金追缴通知后，系统自动通过上海清算所客户端向清算会员发出日间保证金实时追加提醒，并发布日间保证金清单。清算会员应根据当日日间保证金清单上的追加金额和保证金账户可用余额情况，在收到日间保证金清单后的规定时间（原则上上午批次追保时间为 45 分钟，下午批次追保时间为 15 分钟）内授权上海清算所进行保证金扣收或将所需交纳的资金划入相关保证金账户。未能在规定时间内成功交纳日间保证金的清算会员，构成保证金违约。综合清算会员要求同日终。

3. 保证金主动冻结

清算会员可在每日 17:00 前自行在变动保证金账户进行超限保证金、特殊保证金和盯市保证金的主动冻结，综合清算会员可在每日 17:00 前在非清算会员变动保证金账户进行超限保证金、特殊保证金和盯市保证金的主动冻结。

4. 保证金计息

清算会员的保证金利息直接划入其变动保证金账户。

5. 保证金提取

人民币保证金提取：（1）自主提取：清算会员在 17:00 前通过客户端完成资金提取。（2）主动返还：对于人民币变动保证金账户，上海清算所于当日返还保证金账户内所有可用余额至清算会员的大额账户；对于人民币最低保证金账户，上海清算所于当日返还保证金账户内所有可用余额至清算会员的人民币变动保

证金账户。

美元保证金提取：清算会员通过客户端在 17:00 前提交保证金提取申请，上海清算所于当日将保证金划入清算会员指定账户。对于美元最低保证金账户，上海清算所于当日返还保证金账户内所有可用余额至清算会员的美元变动保证金账户。

综合清算会员需于当日 17:00 前完成代理资金提取。

6. 非清算会员保证金台账维护

上海清算所主动扣收或主动返还综合清算会员代理业务保证金的，将按照上海清算所计算的非清算会员最新保证金实际要求进行。

综合清算会员自主向其代理业务保证金账户交纳保证金的，应通过客户终端将保证金先交纳至代理保证金账户，再记录非清算会员台账。交纳的保证金金额应与非清算会员保证金要求一致。

综合清算会员自主向其代理业务保证金账户提取保证金的，应通过客户终端先记录非清算会员台账，再将代理保证金账户中的可用余额划入综合清算会员指定账户。

1.4.2 资金结算处理

上海清算所依据结算清单与清算会员完成各币种的本金结算。综合清算会员如选择自营资金结算与代理资金结算合并出单的，若结算资金不足将优先满足代理业务。

1. 人民币清算流程

(1) 清算会员须在 S 日 15:00 之前将应付的人民币资金通过大额支付系统划入上海清算所的人民币清算账户。

(2) 清算会员授权上海清算所主动扣收结算资金的，上海清算所将自 S 日 9:30 起，自动从清算会员开立在大额支付系统的清算账户扣划相应资金。

(3) 上海清算所收到清算会员划入的全部应付资金后，于 S 日 15:30 前通过大额支付系统，将相应的资金划入清算会员的人民币清算账户。

2. 美元清算流程

清算会员可选择通过结算银行或境内外币支付系统完成美元资金结算。

a. 通过结算银行完成美元资金结算

(1) S-1 日 17 点前，上海清算所将 S 日资金结算明细表通知外汇结算银行，外汇结算银行根据资金结算明细表得知次一工作日上海清算所账户应该收到和付出的资金金额。

(2) 于 S-1 日通过 MT202 划入资金的清算会员，须于 S-1 日 18:00 之前向外汇结算银行发出预到账通知 (MT210)。

(3) 于 S 日通过 MT202 划入资金的清算会员，须于 S 日 12:00 之前向外汇结算银行发出预到账通知 (MT210)，外汇结算银行需监测当日划入的外汇资金以确保 S 日入账。

(4) 清算会员通过外汇结算银行向上海清算所支付美元

资金，有以下两种方式可以自主选择：

1) 清算会员主动向外汇结算银行发送 MT202 报文。

清算会员须在 S 日 14:30 之前向外汇结算银行发出支付指令 (MT202)。外汇结算银行收到支付指令后需检查清算会员账户余额 (授信与实际头寸之和，下同)：如账户余额足够，则将清算会员的外汇资金划入上海清算所在外汇结算银行开立的外汇结算账户并实时向上海清算所发送到账通知；如账户余额不足，则予以拒绝，并实时用邮件和电话的方式通知上海清算所和清算会员。

2) 清算会员选择不主动发送付款报文 MT202，而授权外汇结算银行通过明细清单对清算会员账户进行主动扣收。

S 日 9:00 至 15:00，外汇结算银行检查清算会员账户余额 (实际头寸与授信之和，下同)，若账户余额足够，外汇结算银行根据当日上海清算所发送的明细清单主动扣收应付资金会员账户，将外汇资金划入上海清算所开立在外汇结算银行的账户，并将清算会员的到账信息实时通知上海清算所；若直至 15:00 账户余额依旧不足，则实时通过邮件和电话方式通知上海清算所与清算会员的交易无法完成。

(5) 上海清算所只有在收到单个清算会员应划入的全部币种资金后，于 S 日 15:30 前通知外汇结算银行，将相应的资金全部划入该清算会员的各币种账户。

(6) 清算会员拟提取资金时，应根据外汇结算银行头寸预

报金额和时点的要求于 S 日 16:00 之前向外汇结算银行发出支付指令（MT202）。

（7） S+1 日 10:00 前，外汇结算银行向上海清算所和清算会员发送对账单。

b. 通过境内外币支付系统完成美元资金结算

上海清算所通过境内外币支付系统即时转账报文与清算会员完成美元资金结算。

对于起息日应付美元的清算会员，上海清算所自 S 日 9:00 起，通过即时转账报文⁵从清算会员开立在境内外币支付系统的清算账户扣划当日应付的美元资金。付款清算行确认后返回即时转账回执报文，回执内容为同意付款，在付款行境内外币支付系统头寸充足的前提下，清算成功，境内外币支付系统通过清算回执报文将清算结果返回给付款清算行。

对于起息日应收美元的清算会员，上海清算所收到当日该机构各币种的应付资金后，实时发送境内外币支付系统即时转账报文，将相应的美元资金划入清算会员开立在境内外币支付系统的清算账户。

3. 欧元、英镑、港币清算流程

（1） S-1 日 12 点前，上海清算所将 S 日资金结算明细表通知外汇结算银行，外汇结算银行根据资金结算明细表得知第二天上海清算所账户应该收到和付出的资金金额。

⁵ 业务类型为 G106，业务种类为轧差净额。

(2) 于 S-1 日通过 MT202 划入资金的清算会员，须于 S-1 日 16:00 之前向外汇结算银行发出预到账通知 (MT210)，外汇结算银行将监测划入资金，并安排该上述资金 S-1 日起息。

(3) 于 S 日通过 MT202 划入资金的清算会员，须于 S 日 12:00 前向外汇结算银行发出预到账通知 (MT210)，外汇结算银行需监测当日划入的外汇资金以确保 S 日入账。

(4) 清算会员通过外汇结算银行向上海清算所支付外汇资金，有以下两种方式可以自主选择：

1) 清算会员主动向外汇结算银行发送 MT202 报文。

清算会员须在 S 日 14:30 之前向外汇结算银行发出支付指令 (MT202)。外汇结算银行收到支付指令后需检查清算会员账户余额（授信与实际头寸之和，下同）：如账户余额足够，则将清算会员的外汇资金划入上海清算所在外汇结算银行开立的外汇结算账户，并将清算会员的到账信息实时通知上海清算所；如账户余额不足，则予以拒绝，并实时用邮件和电话的方式通知上海清算所和清算会员。

2) 清算会员选择不主动发送付款报文 MT202，而授权外汇结算银行通过明细清单对清算会员账户进行主动扣收。

S 日外汇结算银行检查清算会员账户余额（实际头寸与授信之和，下同），若账户余额足够，外汇结算银行根据当日上海清算所发送的明细清单主动扣收应付资金会员账户，将外汇资金划入上海清算所开立在外汇结算银行的账户，并将清算会员的到账

信息实时通知上海清算所；若直至15:00账户余额依旧不足，则实时通过邮件和电话方式通知上海清算所与清算会员的交易无法完成。

(5) 上海清算所只有在收到单个清算会员应划入的全部币种资金后，于S日15:30前通知外汇结算银行，将相应的资金划入清算会员的各币种账户。

(6) 清算会员拟于S日划出外汇资金的，港币应于15:00之前，欧元、英镑应于S日16:00之前向外汇结算银行发出支付指令（MT202），划出外汇资金的起息日为S日。

(7) S+1日10:00之前，外汇结算银行在向上海清算所和清算会员发送对账单。

4. 日元、澳元清算流程

(1) S-1日12:00前，上海清算所将S日的资金结算明细表通知外汇结算银行。

(2) 于S日划入资金的清算会员，须于S-1日14:30之前向外汇结算银行发出预到账通知（MT210）。

(3) 清算会员须于S日11:00之前，通过代理行发出支付指令（MT202）将外汇资金划入其在外汇结算银行开立的外汇结算账户。外汇结算银行需监测S日划入的外汇资金以确保S日入账。

(4) 清算会员通过外汇结算银行向上海清算所支付外汇资金，有以下两种方式可以自主选择：

1) 清算会员选择不主动发送付款报文MT202, 而授权外汇结算银行通过明细清单对清算会员账户主动扣收。

S日11:00前, 外汇结算银行检查清算会员账户余额(实际头寸和授信之和, 下同), 若账户余额足够, 外汇结算银行根据当日上海清算所发送的明细清单主动扣收应付资金会员账户, 将外汇资金划入上海清算所开立在外汇结算银行的账户, 并将清算会员的到账信息实时通知上海清算所; 若直至11:00账户余额不足, 则通过邮件和电话方式实时通知上海清算所和清算会员交易无法完成。

2) 清算会员主动向外汇结算银行发送MT202报文。

清算会员须在S日11:00之前向外汇结算银行发出支付指令(MT202)。外汇结算银行收到支付指令后需检查清算会员账户余额(授信与实际头寸之和): 如账户余额足够, 则将清算会员的外汇资金划入上海清算所在外汇结算银行开立的外汇结算账户并将清算会员的到账信息实时通知上海清算所; 如账户余额不足, 则予以拒绝, 并实时通过邮件和电话的方式通知上海清算所和清算会员交易无法完成。

(5) S日11:00之后, 外汇结算银行应继续检查清算会员的账户余额(授信与实际头寸之和), 待余额足够则完成对清算会员账户主动扣收或执行清算会员主动发送的支付指令(MT202), 将外汇资金划入上海清算所开立在外汇结算银行的账户, 并将清算会员的到账信息实时通知上海清算所。

(6) 清算会员拟于 S 日起息调出外汇资金的，须于 S-1 日 16:00 前向外汇结算银行发出资金调出指令 (MT202)。且必须于 S 日 10:30 前，将其他各币种的应付资金支付至上海清算所的账户，上海清算所根据到账通知，在 11:30 前向外汇结算银行发出支付指令，支付该会员应收的外汇资金。外汇结算银行检查清算会员账户余额，若在 11:30 前账户余额足够，则外汇结算银行按 S 日起息将外汇资金划入清算会员指定的账户。若账户余额不足，则予以拒绝并实时用邮件和电话的方式通知清算会员。

(7) 外汇结算银行在 S+1 日 10:00 之前向上海清算所、清算会员发送对账单。

1.4.3 清算基金操作

清算基金=会员自营和代理风险敞口日均值×清算基金比例。

清算基金比例=压力测试结果÷所有会员风险敞口日均值之和。

压力测试结果是指在压力场景下最大两家清算会员同时违约产生的未被其保证金覆盖的额外损失。

会员风险敞口日均值等于前三个月每日日终会员风险敞口的算术平均数。

上海清算所每日进行压力测试，并根据压力测试结果每季测算并调整清算会员的清算基金比例及金额。在执行季度测算和调

整期间，为防止出现季度内压力测试结果突增导致风险较大的情况，当压力测试结果测算值达到当前清算基金已缴总额 125%以上时，上海清算所有权对全市场清算基金应缴值进行临时性调整。

上海清算所负责清算基金的日常管理，对清算会员的清算基金实行独立核算。

1.4.4 违约处置相关规定

违约情形发生时，通知违约会员了解情况。根据违约情况，冻结该清算会员与本业务相关的所有应收资金或资产，并计收违约金，通过银行授信完成资金结算。其中，未在规定时间内完成资金划付的，上海清算所有权计算和征收违约金。若为人民币资金违约的，违约金每日按照违约资金金额的1%计收；若为外币资金违约的，违约金每日按照违约金额和外汇结算银行公布的透支利率+3%（年化利率）计收。

本业务违约处置参见本指南3.3章节相关内容以及《银行间市场清算所股份有限公司集中清算业务违约处置指引》人民币外汇中央对手清算业务相关规定执行。

1. 限制业务手段：上海清算所有权通过将最大容忍阈值/限额降至风险敞口限额以限制违约非清算会员/会员参与本业务。

2. 永久性违约判定：违约清算会员应及时补足违约资金，未按时补足结算资金、违约盯市保证金、违约金、清算基金、费用的，

或者保证金违约清算会员连续第二次发生保证金违约的，或发生上海清算所认定的其他违约情形的，上海清算所有权根据其风险管理委员会判断结果认定该会员永久性违约；

3. 代理业务管理：

(1) 综合清算会员对其代理的非清算会员应实行先收后付，对上海清算所应实行先付后收，综合清算会员应履行对其代理的非清算会员担保交收的义务。综合清算会员应向上海清算所提交盖有综合清算会员公章或预留印鉴章的非清算会员违约通知书，以及非清算会员违约的相关记录或说明材料。上海清算所对上述材料进行形式审核。

(2) 综合清算会员发生代理清算业务违约的，应配合上海清算所进行违约调查，提供证据证明非清算会员违约的事实和金额，还应提供其他上海清算所要求的非清算会员违约相关记录，综合清算会员不得挪用任何已收取但暂未向违约非清算会员划付的资产。上海清算所有限制或暂停违约非清算会员参与本业务。

(3) 上海清算所无法确认非清算会员违约事实的，视非清算会员为履约非清算会员。履约非清算会员应在申请截止时点前提交移仓申请，并于规定移仓期限内确定新综合清算会员（原则上未违约非清算会员应于10个工作日内确定新综合清算会员）。

(4) 违约综合清算会员有义务协助上海清算所通知履约非清算会员补足上海清算所要求的保证金。

(5) 在判定综合清算会员永久性违约后，违约清算会员应

向上海清算所转移其已收未付资产和违约非清算会员额外保证金，上海清算所协助其完成履约非清算会员已清算头寸的支付结算。

(6) 若认定综合清算会员永久性违约，上海清算所对所有履约且在移仓前需满足应付资产要求（包括保证金和结算资产）的非清算会员的未清算头寸执行移仓，已清算未结算头寸不纳入移仓头寸范围。在确定新综合清算会员前的过渡期间，上海清算所将与未违约非清算会员直接进行资产收付，上海清算所在移仓生效前有权根据已清算未结算头寸计算并向非清算会员追加特殊保证金。

(7) 上海清算所对违约或移仓成功前过渡期间发生违约的非清算会员头寸执行强制平仓。上海清算所也有权对未及时提交移仓申请或超过移仓期限仍未确定新综合清算会员的非清算会员头寸进行强制平仓处理，平仓损失将并入本次会员违约处置成本中。

(8) 移仓后，若非清算会员未能按时完成未移仓头寸结算现金支付的，视为非清算会员违约，上海清算所有权按需出售违约会员代理业务应收资产以及违约非清算会员的应收资产，相关损失将并入本次会员违约处置成本中。

4. 期权行权处理：若违约方为期权交易买方，上海清算所有权对该笔交易选择行权或不行权。

1.5 外汇中央对手清算业务相关公式

1.5.1 初始保证金

1.5.1.1 最低保证金

最低保证金缴纳币种为人民币或美元。最低保证金的计算方式如下：

$$\text{最低保证金要求} = L \times C$$

其中：

L 为风险敞口限额；

C 为会员资信因子。其中，代理业务使用综合清算会员的会员资信因子。上海清算所根据实际情况调整会员资信因子；

最低保证金要求有调整的，上海清算所向清算参与者发送最低保证金调整通知，清算参与者按照调整通知进行交纳或提取操作。

1.5.1.2 超限保证金

人民币外汇业务风险敞口基础模型为期望损失值模型(ES)。

超限保证金缴纳币种为人民币。

$$\text{超限保证金} = \text{Max}(\text{Max}(ES_1, ES_2, ES_3) \times C - L \times C, 0)$$

其中：

ES_1 为不含 T+2 日、T+1 日及逾期结算头寸的风险敞口；

ES_2 为不含 T+1 日及逾期结算头寸的风险敞口；

ES_3 为所有存续头寸的风险敞口；

$\text{Max}(ES_1, ES_2, ES_3)$ 为会员风险敞口；

L 为风险敞口限额；

C 为会员资信因子。

1.5.2 盯市损益结算

上海清算所日终进行双向盯市损益金额结算。

盯市损益金额的结算币种为人民币。双向盯市仅适用于远期、掉期、期权及期权行权生成的即期交易或差额现金流的盯市损益，普通即期交易不计算盯市损益。

双向盯市损益结算金额以清算参与者为出发点计算。双向盯市损益结算金额为正，体现在保证金清单的盯市应收金额一栏，清算参与者收取双向盯市损益结算资金；双向盯市损益结算金额为负，体现在保证金清单的盯市应付金额一栏，清算参与者据此支付双向盯市损益结算资金。

盯市计算方式如下：

(1) 计算 $T+i$ 日起息的远期、掉期交易的一端或期权行权后产生的即期交易或现金流的盯市价值

$$P_{T+i} = (T+i \text{ 日本币净额} + T+i \text{ 日外币净额} * F_{T+i}) \\ \times DF_{i,T}$$

会员应收，净额为正；会员应付，净额为负。

i 表示期权期权费起息日距离当天日期的自然日天数， i 大

于 1;

$DF_{i,T}$ 为贴现率,根据当日日终上海清算所内部构造的人民币即期利率曲线进行计算;

F_{T+i} 为当日日终所得的即期汇率及外汇掉期曲线计算得到的远期汇率。

(2) 计算未到期期权的盯市价值

首先使用 Garman-Kohlhagen 模型计算 T+i 日交割的未到期期权内在价值:

$$P_{T+i} = a \times M \times DF_{i,T} \times \omega \times [F_{T+i}N(\omega d_1) - KN(\omega d_2)]$$

$$d_1 = \frac{\ln\left(\frac{F_{T+i}}{K}\right) + \frac{\sigma_{T_{ep}-T,K}^2 \times (T_{ep} - T)}{730}}{\sigma_{T_{ep}-T,K} \times \sqrt{\frac{T_{ep} - T}{365}}}$$

$$d_2 = \frac{\ln\left(\frac{F_{T+i}}{K}\right) - \frac{\sigma_{T_{ep}-T,K}^2 \times (T_{ep} - T)}{730}}{\sigma_{T_{ep}-T,K} \times \sqrt{\frac{T_{ep} - T}{365}}}$$

i 表示期权交割日距离当天日期的自然日天数, i 大于 1;

T_{ep} 为期权到期日;

M 为名义本金;

K 为期权执行价;

a: 买方为+1, 买方为-1;

ω : CALL 为+1, PUT 为-1;

$\sigma_{T_{ep}-T,K}$ 为当日日终上海清算所内部构造的波动率曲面上

到期日为 T_{ep} 及执行价为 K 所对应的隐含波动率。

(3) 计算期权费调整值

当且仅当期权费起息日大于下一个工作日时需根据期权费调整盯市价值, 调整值 ΔP_{T+i} 的计算方法为:

$$\Delta P_{T+i} = -a \times M \times DF_{i,T} \times Pre$$

i 表示期权期权费起息日距离当天日期的自然日天数, i 大于 1;

Pre指期权费金额。

(4) 计算未到期头寸的盯市价值

$$V_T = \sum_{i=1} (P_{T+i} + \Delta P_{T+i})$$

(1)、(2)、(3) 项结果相加得到当日该清算参与者未到期头寸的盯市价值。

(5) 计算双向盯市损益结算金额

T 日双向盯市损益结算金额

$$= V_T - \left(1 + \frac{SHIBOR_O/N * day}{360}\right) * V_{T-1}$$

day 等于当天到下一个工作日的自然天数;

V_{T-1} 表示上一计算日计算的盯市价值。

双向盯市损益结算金额在计算当日的下一个工作日进行收付。

1.5.3 特殊保证金

特殊保证金触发事件主要包括三类：外汇市场汇率异常波动、连续假期和会员违约。当发生任一情况时，上海清算所可要求清算参与者交纳特殊保证金。

触发事件一：外汇市场汇率异常波动

上海清算所每日对外汇市场人民币对外币的汇率波动情况进行监测。当汇率发生异常波动时，上海清算所有权根据实际情况追加特殊保证金。

特殊保证金要求

$$= \text{Max}(VaR_1, VaR_2, VaR_3) \times \text{特殊保证金因子}_{\text{汇率}} \times C$$

其中：特殊保证金因子_{汇率}由上海清算所根据外汇市场汇率波动情况确定。

触发事件二：连续假期

遇连续假期时，上海清算所可在假期前最后一个工作日要求清算参与者交纳特殊保证金。

特殊保证金要求

$$= \text{Max}(VaR_1, VaR_2, VaR_3) \times \text{特殊保证金因子}_{\text{节假日}} \times C$$

其中：特殊保证金因子_{节假日}由上海清算所根据节假日长短测算确定。

触发事件三：会员违约

在发生综合清算会员违约并需要执行移仓时，上海清算所有权通过违约会员或接仓会员向非清算会员收取已清算未结算头寸特殊保证金。

特殊保证金要求 = 已清算未结算头寸风险敞口 × C 其中：

特殊保证金因子_{已清算未结算头寸}由上海清算所根据近端汇率变动因子确定。

若多于一项的触发事件同时发生时，不同触发事件所引起的特殊保证金要求累加形成总的特殊保证金要求。

1.6 节假日处理

1. 人民币外汇即期交易

上海清算所完成节假日、结算日等信息确认后，于每年底通过上海清算所官网公布下一年度各货币的节假日信息。

人民币外汇即期交易的结算日受节假日影响的主要规定如

下：

(1) 根据交易货币单独计算结算日，所有货币的结算日均因起息日为节假日而顺延至下一个工作日。若交易货币对各自计算的结算日不同，其结算日应顺延至共同出现的第一个工作日。

(2) 人民币兑美元 T+2 交易的结算日不受 T+1 日为美元节假日的影响；人民币兑欧元、英镑、港币、日元和澳元 T+2 交易的结算日均因 T+1 日为交易货币对的节假日而顺延至下一个工作日。

(3) 若 T+2 日为美元节假日，人民币外汇 T+2 交易的结算日均应顺延至下一个工作日。

(4) 由国家规定调整为工作日的星期六和星期天，仍作人民币节假日处理。

(5) 不同交易日相同结算日的交易应轧差清算。

2. 人民币外汇远期、掉期交易

上海清算所于每年底向市场发布下一年度银行间市场各币种节假日信息，并调整受节假日影响而不能正常清算的人民币外汇远期、掉期交易的结算日，即：若外汇远掉期交易的结算日在交易货币对中任一货币的新公布节假日内，则结算日将顺延至下一个工作日，但若下一个工作日跨至下一月，则该结算日将提前至上一工作日。除结算日外，其他要素均不改变。本业务相关结算日规则的变更与修订由上海清算所发布。

3. 人民币外汇期权交易

上海清算所根据每年底发布的节假日信息，按以下规则调整受节假日影响而不能正常清算的人民币外汇期权交易的相关日期：

（1）期权费支付日：若期权费支付日在新公布的人民币假日内，则期权费支付日顺延至下一个工作日。

（2）期权交割日：若期权交割日在交易货币对中任一货币的新公布节假日内，则该交割日将顺延至下一个工作日，但若下一个工作日跨至下一月，则该交割日将提前至上一工作日。

（3）期权行权日：若期权行权日在人民币的新公布节假日内，则该行权日将提前至上一工作日；若遇美元节假日，期权行权日不受影响。

4. 年中临时节假日调整

上海清算所向市场发布涉及银行间外汇市场清算币种所属国或地区年中临时节假日调整信息。结算日调整参照年末结算日调整相关规定执行。

附表⁶

A-3 上海清算所集中清算业务申请信息表（自营）

B-2 上海清算所集中清算业务申请信息表（代理）

B-4 上海清算所集中清算业务非清算会员信息表（代理）

C-1 上海清算所清算会员信息变更登记表

C-2 非清算会员信息变更登记表

⁶ 上述表单电子版可在 <http://www.shclearing.com.cn/hyfw/qshy/qshysqzn/sqxgbd/index.html> 查询下载。

上海清算所集中清算业务申请信息表（自营）

清算会员全称：（中文；需与交易中心、上海清算所记录的信息保持一致）_____

（英文；需与交易中心、上海清算所记录的信息保持一致）_____

清算会员简称：（中文；需与交易中心、上海清算所记录的信息保持一致）_____

（英文；需与交易中心、上海清算所记录的信息保持一致）_____

清算会员账号（7 位码）：_____

全国银行间同业拆借中心会员代码（21 位码）：_____

1. 申请业务						
☐ 债券（ ☐ 现券 ☐ 质押式回购 ☐ 买断式回购 ☐ 通用回购） ☐ 利率互换 ☐ 人民币外汇（☐ 即期 ☐ 远期 ☐ 掉期 ☐ 期权 ☐ T+1 即期 ☐ T+1 掉期 ☐ T+1 期权 ☐ 长期限远期 ☐ 长期限掉期）						
☐ 外币对（ ☐ 澳元/美元 ☐ 欧元/美元 ☐ 英镑/美元 ☐ 美元/港币 ☐ 美元/日元）						
☐ 外汇竞价（ ☐ 人民币外汇竞价 ☐ 外币对竞价） ☐ 标准债券远期 ☐ 信用违约互换						
☐ 大宗商品衍生品 ☐ 其他（_____）						
2. 申请机构人员信息（业务联系人）						
姓名	部门 职务	集中清算业务 培训证书编号	手机	传真	Email	职责
						包括但不限于交易/清算结算/保证金与清算基金等
						包括但不

						限于交易/ 清算结算/ 保证金与 清算基金 等
						包括但不 限于交易/ 清算结算/ 保证金与 清算基金 等
						包括但不 限于交易/ 清算结算/ 保证金与 清算基金 等
						包括但不 限于交易/ 清算结算/ 保证金与 清算基金 等
3. 客户终端管理员信息						
姓名	登 录 名	身份证号	集中清算业务 培训证书编号		手机	

CFCA证书串号	☐ 共用：（请填写已有串号）				
	☐ 新开				
注：1. 客户终端管理员必须是两人或两人以上； 2. “登录名”：请填写英文字母或英文字母加数字，并区分大小写；字符长度请控制在4-12个字符； 3. “CFCA 证书串号”：如勾选共用，请填写以“041”开头的证书串号，例如：041@712345678-X@shchcs@000000001；如勾选新开，请下载并填写企业证书申请表https://www.shclearing.com.cn/cpyyw/czxzjzn/detail_38.html?productDocClient/detail/40285281688bb7ba01688c9b18e30034； 4. 外汇竞价业务无需填写客户终端管理员信息。					
4. 指定或开立账户的信息					
人民币资金 结算账户 (二选一)	☐ 开在大额支付系统的清算账户	户名			
		行号			
		账号			
	☐ 开在上海清算所的资金结算专户	☐ 新开专用账户	资金往来账号		
			资金往来账户户名		
			资金往来账户开户行行号		
			资金往来账户开户行行名		
		☐ 使用已有资金专户（同原路径）	账号		
账户名					
注：如选择“开在大额支付系统的清算账户”，请填写大额账户的行号、账号、户名；如选择“开在上海清算所的资金结算专户”，请勾选开在上海清算所的对应该专户，并填写用于资金往来的开在商业银行的行号、账号、户名。					

5. 保证金提款路径的信息				
户名				
行号				
账号				
☐ 与人民币资金结算路径共用 (勾选则无须填写5中账号户名, 视同同人民币资金结算账户, 默认勾选)				
6. 清算基金提款路径的信息				
户名				
行号				
账号				
☐ 与人民币资金结算路径共用 (勾选则无须填写6中账号户名, 视同同人民币资金结算账户, 默认勾选)				
以下信息由申请人民币外汇交易中央对手清算业务的机构填写:				
本金结算账户信息				
外币	会员 SWIFT BIC CODE			
	美元	☐ 外汇结算银行 (☐ 中国银行 ☐ 建设银行)		
		☐ 境内外币支付系统	直参行行号	
			直参行行名	
			账号	
	户名			
其他币种开户行				
人民币	☐ 主动扣收			
保证金账户信息				
保证金交纳币种信息				
最低保证金		人民币 ☐ 美元 ☐		
变动保证金		人民币 ☐ 美元 ☐ (目前只能选人民币)		
美元 保证金	开户行	名称		
		SWIFT BIC CODE		

	账号		
	中间行 SWIFT BIC CODE		
人民币保证金路径选择			☐ 主动返还 ☐ 主动扣收（ ☐ 含最低保证金）
清算费用路径选择			☐ 主动扣收（ ☐ 与人民币资金结算路径共用）
以下信息由申请外币对交易中央对手清算业务的机构填写：			
外币本金结算账户信息			
机构SWIFT BIC CODE			
美元	开户行名称		
英镑	开户行名称		
欧元	开户行名称		
日元	开户行名称		
澳大利亚元	开户行名称		
港币	开户行名称		
保证金账户信息			
保证金交纳币种信息			
最低保证金			人民币 ☐ 美元 ☐
变动保证金			人民币 ☐ 美元 ☐ （目前只能选人民币）
美元 保证金	开户行	名称	
		SWIFT BIC CODE	
	账号		
	中间行SWIFT BIC CODE		
人民币保证金路径选择			☐ 主动返还 ☐ 主动扣收（ ☐ 含最低保证金）
清算费用路径选择			☐ 主动扣收（ ☐ 与人民币资金结算路径共用）
以下信息由申请外汇竞价清算业务的机构填写：			
☐ 人民币外汇竞价交易清算账户			☐ 外币对竞价交易清算账户
会员SWIFT BIC CODE			

缴费币种类型	☐ 人民币 ☐ 美元	
人民币 ⁷	开户行行号	
	开户行名称	
	收款账户账号	
	收款账户名称	
美元	开户行名称	(中文)
		(英文)
	开户行账号	(申请机构开立在开户行的账户信息, 下同)
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
港币	开户行名称	(中文)
		(英文)
	开户行账号	
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
日元	开户行名称	(中文)
		(英文)
	开户行账号	
	中间行 SWIFT BIC CODE	
欧元	开户行名称	(中文)
		(英文)
	开户行账号	
	中间行 SWIFT BIC CODE	

⁷人民币支付路径只支持人民币大额支付系统。

英镑	开户行名称	(中文)
		(英文)
	开户行账号	
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
林吉特	开户行名称	(中文)
		(英文)
	开户行账号	
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
卢布	开户行名称	(中文)
		(英文)
	开户行账号	
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
新西兰元	开户行名称	(中文)
		(英文)
	开户行账号	
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
瑞士法郎	开户行名称	(中文)
		(英文)
	开户行账号	
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
澳大利亚元	开户行名称	(中文)
		(英文)
	开户行账号	
	开户行 SWIFT BIC CODE	

	中间行 SWIFT BIC CODE	
加拿大元	开户行名称	(中文) (英文)
	开户行账号	
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
新加坡元	开户行名称	(中文) (英文)
	开户行账号	
	开户行 SWIFT BIC CODE	
	中间行 SWIFT BIC CODE	
7. 清算限额申请 根据申请业务的类型，填写相应的清算限额申请信息。		
利率互换	风险敞口限额申请量	
标准债券远期	清算限额申请量	
债券净额清算	风险敞口限额	
	通用回购可融出限额	
人民币外汇交易中央对手清算	风险敞口限额（美元）	
外币对交易中央对手清算	风险敞口限额（美元）	
外汇竞价	人民币外汇清算限额（美元）	
	外币对清算限额（美元）	
信用违约互换	风险敞口限额申请量	
大宗商品衍	清算限额申请量	

生品		
其他 (_____)		
申报说明		

8. 持仓限额申请（仅大宗商品衍生品业务填写）

请根据实际业务参与情况，申报持仓限额

序号	限额种类	申请限额（手）	序号	限额种类	申请限额（手）

9. 增值税发票信息（清算会员）

首次申请参与业务的机构需按以下通知要求提交增值税发票信息

https://www.shclearing.com.cn/cpyyw/czxzjzn/detail_38.html?productDocClient/detail/40285281760dfdc801761c0671f810bf（增值税专票可开具纸质发票，增值税普票为电子发票）

单位公章：

日期：

上海清算所集中清算业务申请信息表（代理）

综合清算会员全称：（中文；需与交易中心、上海清算所记录的信息保持一致）

（英文；需与交易中心、上海清算所记录的信息保持一致）

综合清算会员简称：（中文；需与交易中心、上海清算所记录的信息保持一致）

（英文；需与交易中心、上海清算所记录的信息保持一致）

综合清算会员账号（7 位码）：_____

全国银行间同业拆借中心会员代码（21 位码）：_____

1. 申请业务						
☐ 债券（ ☐ 现券 ☐ 质押式回购 ☐ 买断式回购 ☐ 通用回购） ☐ 利率互换 ☐ 人民币外汇（ ☐ 即期 ☐ 远期 ☐ 掉期 ☐ 期权 ☐ T+1 即期 ☐ T+1 掉期 ☐ T+1 期权 ☐ 长期限远期 ☐ 长期限掉期） ☐ 外币对（ ☐ 澳元/美元 ☐ 欧元/美元 ☐ 英镑/美元 ☐ 美元/港币 ☐ 美元/日 元） ☐ 标准债券远期 ☐ 信用违约互换 ☐ 大宗商品衍生品 ☐ 其他（_____）						
2. 申请机构人员信息（业务联系人）						
姓名	部门职务	集中 清算 业务 培训 证书 编号	手机	传真	Email	职责

3. 客户终端管理员信息						
姓名	登录名	身份证号	集中清算业务培训证书编号	手机		
CFCA证书串号		☐ 共用：（请填写已有串号）				
		☐ 新开				
注：1. 客户终端管理员必须是两人或两人以上； 2. “登录名”：请填写英文字母或英文字母加数字，并区分大小写；字符长度请控制在 4-12 个字符； 3. “CFCA 证书串号”：如勾选共用，请填写以“041”开头的证书串号，例如：041@712345678-X@shchcs@000000001；如勾选新开，请下载并填写企业证书申请表 https://www.shclearing.com.cn/cpyyw/czxzjzn/detail_38.html?productDocClient/detail/40285281688bb7ba01688c9b18e30034。						
4. 指定或开立账户的信息						
人民币资金结算账户 (二选一)	☐ 开在大额支付系统的清算账户	户名				
		行号				
		账号				
	☐ 开在上海清算所的资金结算专户	☐ 新开专用账户	资金往来账号			
			资金往来账户名			
			资金往来账户开户行行号			

			资金往来账户	
			开户行行名	
		☐ 使用已有资金	账号	
		专户（同原路径）	账户名	
注：如选择“开在大额支付系统的清算账户”，请填写大额账户的行号、账号、户名；如选择“开在上海清算所的资金结算专户”，请勾选开在上海清算所的对应专户，并填写用于资金往来的开在商业银行的行号、账号、户名。				
5. 保证金提款路径的信息				
户名				
行号				
账号				
☐ 与人民币资金结算路径共用 （勾选则无须填写 5 中账号户名，视同人民币资金结算账户，默认勾选）				
以下信息由申请人民币外汇交易中央对手清算业务的机构填写：				
本金结算账户信息				
外币	会员 SWIFT BIC CODE			
	美元	☐ 外汇结算银行（ ☐ 中国银行 ☐ 建设银行）		
		☐ 境内外币支付系统	直参行行号	
			直参行行名	
			账号	
	户名			
其他币种开户行				
人民币	☐ 主动扣收			
保证金账户信息				
保证金交纳币种信息				
最低保证金 ☐ 人民币 ☐ 美元				

变动保证金				☐ 人民币		☐ 美元		(目前只能选人民币)	
美元 保证金	开户行		名称						
			SWIFT BIC CODE						
	账号								
	中间行 SWIFT BIC CODE								
人民币保证金 路径选择				☐ 主动返还 ☐ 主动扣收(☐ 含最低保证金)					
清算费用路径选择				☐ 主动扣收 (☐ 与人民币资金结算路径共用)					
以下信息由申请外币对交易中央对手清算业务的机构填写:									
本金结算账户信息									
外币		会员SWIFT BIC CODE							
		美元开户行							
		欧元开户行							
		英镑开户行							
		日元开户行							
		澳大利亚元开户行							
		港币开户行							
保证金账户信息									
保证金交纳币种信息									
最低保证金				☐ 人民币		☐ 美元			
变动保证金				☐ 人民币		☐ 美元		(目前只能选人民币)	
美元保证金	开户行		名称						
			SWIFT BIC CODE						
	账号								
	中间行 SWIFT BIC CODE								
人民币保证金 路径选择				☐ 主动返还 ☐ 主动扣收 (☐ 含最低保证金)					

清算费用路径选择			☐ 主动扣收（ ☐ 与人民币资金结算路径共用）		
6. 清算限额申请 根据申请业务的类型，填写相应的清算限额申请信息。					
利率互换	风险敞口限额申请量				
标准债券远期	清算限额申请量				
债券净额清算业务	风险敞口限额				
	通用回购可融出限额				
人民币外汇交易中央对手清算	风险敞口限额（美元）				
外币对交易中央对手清算	风险敞口限额（美元）				
外汇竞价	人民币外汇清算限额（美元）				
	外币对清算限额（美元）				
信用违约互换	风险敞口限额申请量				
大宗商品衍生品	清算限额申请量				
其他 (_____)					
申报说明					
7. 持仓限额申请（仅大宗商品衍生品业务填写） 请根据实际业务参与情况，申报持仓限额					
序号	限额种类	申请限额（手）	序号	限额种类	申请限额（手）

8. 轧差方式					
仅由选择外汇中央对手清算业务的机构勾选					
以下信息由申请人民币外汇交易中央对手清算业务的机构填写：					
☐ 自营代理分开轧差（默认） ☐ 自营代理合并轧差					
以下信息由申请外币对交易中央对手清算业务的机构填写：					
☐ 自营代理分开轧差（默认） ☐ 自营代理合并轧差					
单位公章：					
日期：					

上海清算所集中清算业务非清算会员信息表（代理）

业务名称	☐ 债券（ ☐ 现券 ☐ 质押式回购 ☐ 买断式回购 ☐ 通用回购） ☐ 人民币外汇（ ☐ 即期 ☐ 远期 ☐ 掉期 ☐ 期权 ☐ T+1即期 ☐ T+1掉期 ☐ T+1期权 ☐ 长期限远期 ☐ 长期限掉期） ☐ 外币对（ ☐ 澳元/美元 ☐ 欧元/美元 ☐ 英镑/美元 ☐ 美元/港币 ☐ 美元/日元） ☐ 利率互换 ☐ 标准债券远期 ☐ 信用违约互换 ☐ 大宗商品衍生品 ☐ 其他（_____）		
综合清算会员 全称		综合清算会员代理业务 印鉴	
综合清算会员 持有人账号（7 位码）	需填写债券净额 综合清算会员账 号		
综合清算会员 编码	仅大宗商品衍生 品业务需填写		
1. 申请机构基本信息（非清算会员）			
非清算会员全称	（中文；需与交易中心、上海清算所记录的信息保持一致）		
非清算会员全称	（英文；需与交易中心、上海清算所记录的信息保持一致）		
非清算会员简称	（中文；需与交易中心、上海清算所记录的信息保持一致）		
非清算会员简称	（英文；需与交易中心、上海清算所记录的信息保持一致）		
非清算会员账号（非 清算会员持有人账 号，7位码）			
全国银行间同业拆借 中心会员代码（21位）			
注册地址			
通讯地址			

统一社会信用代码 (境内机构)		
金融许可证号码	(包括 ☐ 金融业务许可证 ☐ 经营证券业务许可证 ☐ 基金管理资格证书 ☐ 保险公司法人许可证 ☐ 保险资产管理公司法人许可证 ☐ 其它)	
非清算会员机构类别 (首次报备填写)	☐ 特殊账户	☐ 其他特殊机构
	☐ 存款类银行业金融机构	☐ 国有大型商业银行 ☐ ☐ 股份制商业银行 ☐ 城市 ☐ 商业银行 ☐ 住房储蓄银行 ☐ 民营银行 ☐ 农村商业银 ☐ 行 ☐ 农村合作银行 ☐ 村镇银 ☐ 行 ☐ 外资法人银行 ☐ 外 ☐ 国及港澳台银行境内分行 ☐ ☐ 城市信用社 ☐ 农村信用社 ☐ 农村资金互助社 ☐ 专事 ☐ 县域三农贷款的贷款公司 ☐ 其他_____
	☐ 政策性银行及国家开发银行	☐ 政策性银行 ☐ 开发性金融 机构
	☐ 非银行金融机构	☐ 企业集团财务公司 ☐ 信托 ☐ 公司 ☐ 金融租赁公司 ☐ 融 ☐ 资租赁公司 ☐ 金融资产管理 ☐ 公司 ☐ 汽车金融公司 ☐ 金 ☐ 融租赁公司 ☐ 消费金融公司 ☐ 特批机构 ☐ 信用评级公司 ☐ 信用增进机构 ☐ 其他_____

	☐ 证券类金融机构	☐ 证券公司 ☐ 证券公司子公司 ☐ 期货公司 ☐ 期货公司 子公司 ☐ 其他证券类金融机 构_____
	☐ 基金管理公司	☐ 公募证券投资基金管理公 司 ☐ 公募证券投资基金管理 公司子公司 ☐ 其他基金管理 公司_____
	☐ 保险类金融机构	☐ 保险集团（控股）公司 ☐ 财产保险公司 ☐ 人身保险公 司 ☐ 保险资产管理公司 ☐ 保险经纪公司 ☐ 其他保险类 金融机构_____
	☐ 非金融机构法人	☐ 非金融企业 ☐ 其他_____
	☐ 境内非法人产品	☐ 银行理财产品 ☐ 信托公司 资管产品 ☐ 公开募集证券投 资基金 ☐ 证券公司及其子公 司资管产品 ☐ 基金管理公司 及其子公司专户 ☐ 期货公司 及其子公司资管产品 ☐ 私募 投资基金 ☐ 保险资管产品 ☐ 金融资产投资公司资管产品 ☐ 其他资管产品 ☐ 其他_____
	☐ 境外机构	☐ 境外政府类机构 ☐ 境外银 行业金融机构 ☐ 境外证券公 司 ☐ 境外基金公司 ☐ 境外 保险公司 ☐ 境外养老基金

		(法人) ☐ 境外机构其他中长期法人投资者 ☐ 境外非金融企业 ☐ 其他 _____	
2.清算限额等风控参数申请			
☐ 利率互换代理业务			
非清算会员风险敞口 限额			
生效日期			
保证金充足率 ⁸ (%)			
生效日期			
☐ 信用违约互换业务			
非清算会员风险敞口 限额			
生效日期			
保证金充足率 ⁹ (%)			
生效日期			
☐ 标准债券远期代理业务			
非清算会员清算限额 (千万)		非清算会员容忍度 (元)	
生效日期			
☐ 债券净额清算代理业务			
非清算会员风险敞口 限额			

⁸若该栏位空缺,则上海清算所默认设置为 100%。

⁹若该栏位空缺,则上海清算所默认设置为 100%。

保证金充足率 ¹⁰						
通用回购可融资总额 上限						
通用回购可融出总额 上限						
通用回购可融出限额						
通用回购可融出限额 容忍度						
非清算会员清算限额初始设置/调整说明：						
☐ 人民币外汇交易中央对手清算代理业务						
非清算会员风险敞口阈值 (美元)						
非清算会员风险敞口容忍度 (选填)						
生效日期						
☐ 外币对交易中央对手清算代理业务						
非清算会员风险敞口 阈值 (美元)						
非清算会员风险敞口 容忍度 (选填)						
生效日期						
☐ 大宗商品衍生品中央对手清算代理业务						
非清算会员清算限额						
持仓 限额	序号	限额种类	申请限额 (手)	序号	限额种类	申请限额 (手)

¹⁰若该栏位空缺，则上海清算所默认设置为 100%。

3.业务操作权限申请（仅债券、外汇业务填写）						
代理确认方式 （债券业务）		☐ 逐笔确认 ☐ 超限确认 ☐ 默认全部确认				
代理确认方式 （人民币外汇交易中 央对手清算业务）		☐ 逐笔确认 ☐ 默认全部确认				
代理确认方式 （外币对交易中央对 手清算业务）		☐ 逐笔确认 ☐ 默认全部确认				
注：非清算会员的代理确认方式由综合清算会员进行设置。						
4.账户信息（仅外汇业务填写）						
以下信息由申请人民币外汇交易中央对手清算业务的机构填写：						
保证金交纳币种信息						
最低保证金		人民币 ☐ 美元 ☐				
变动保证金		人民币 ☐ 美元 ☐ （目前只能选人民币）				
保证金账户信息						
美元 保证金	开 户 行	名称				
		SWIFT BIC CODE				
	账号					
	中间行 SWIFT BIC CODE					
	综清 SWIFT BIC CODE					
	人民币 保证金	付款路径选择		☐ 主动扣收（ ☐ 最低保证金账户 ☐ 变动保证金账户）		
付款开户行行号						
付款开户行名称						

	付款账号					
	付款人名称					
以下信息由申请外币对交易中央对手清算业务的机构填写：						
保证金交纳币种信息						
最低保证金		人民币 ☐ 美元 ☐				
变动保证金		人民币 ☐ 美元 ☐ （目前只能选人民币）				
保证金账户信息						
美元 保证金	开 户 行	名称				
		SWIFT BIC CODE				
		账号				
		中间行 SWIFT BIC CODE				
		综清 SWIFT BIC CODE				
人民币 保证金	付款路径选择		☐ 主动扣收（ ☐ 最低保证金账户 ☐ 变动保证金账户）			
	付款开户行行号					
	付款开户行名称					
	付款账号					
	付款人名称					
5. 非清算会员人员信息						
姓名	部门职务		手机	传真	Email	备注
申请机构承诺事项：						
1. 我单位保证提供的信息真实、完整、准确； 2. 我单位授权银行间市场清算所股份有限公司在集中清算业务中对我公司上述提供的账户进行自动的借记和贷记处理。						

经办人：

电话：

手机：

E-mail：

注：1. 请在电子版上填写后打印、签字、盖章；

2. 非清算会员联系人员信息至少填写 2 人，并提供准确、完整的联系方式；

3. 综合清算会员账号为综合清算会员在上海清算所系统中的持有人账号；

4. 非清算会员账号为非清算会员在上海清算所系统中的持有人账号。

上海清算所清算会员信息变更登记表

清算会 员名称 (全称)	
清算会 员持有 人账号 (7 位 码)	
清算会 员编码	(仅大宗商品衍生品业务需填写)
清算会 员 Swift BIC Code	(外汇业务账户路径变更须填此项)
参与业 务名称	☐ 债券 (☐ 现券 ☐ 质押式回购 ☐ 买断式回购 ☐ 通用回购) ☐ 人民币外汇 ☐ (即期 ☐ 远期 ☐ 掉期 ☐ 期权 ☐ T+1 即期 ☐ T+1 掉期 ☐ T+1 期权 ☐ 长期限远期 ☐ 长期限掉期) ☐ 外币对 (☐ 澳元/美元 ☐ 欧元/美元 ☐ 英镑/美元 ☐ 美元/港币 ☐ 美元/日元) ☐ 外汇竞价 (☐ 人民币外汇竞价 ☐ 外币对竞价) ☐ 利率互换 ☐ 标准债券远期 ☐ 信用违约互换 ☐ 大宗商品衍生品 ☐ 其他 (_____)
业务类 型	☐ 自营 ☐ 代理

变更项目	基础信息类变更			
	☐ 申请机构人员信息（变更后信息需包括：姓名、用户名、联系电话、邮箱等）			
	☐ 客户终端管理员信息注销及新增（变更后信息需包括：用户姓名、用户 ID、联系电话、身份证件号）			
	☐ 客户终端管理员密码重置（变更后信息需包括：用户姓名、用户 ID；如需解锁密码并重置，请注明，重置后密码为初始密码）			
	☐ 账户信息（外汇账户信息变更要素包括：中间行行名（如有）、开户行 SWIFT BIC CODE、机构开在开户行的账号；如外币账户为开在境内外币支付系统的美元账户，调整时应当明确直参行行号、直参行行名、账号和户名；人民币账户信息变更要素包括：户名、行号、账号）			
	☐ 费用发票寄送信息（仅适用于变更发票寄送信息，非采集信息）			
	☐ 机构更名（变更后信息需包括：全称、简称、结算资金路径、提款路径）			
	☐ 其他（_____）			
	CFCA证书信息变更：			
	☐ 证书换发（ ☐ 新发UKEY ☐ 不需UKEY）		证书CN：_____	
	☐ 证书补发（ ☐ 新发UKEY ☐ 不需UKEY）		证书CN：_____	
	☐ 证书重发（不需UKEY）		证书CN：_____	
	☐ 证书解锁（不需 UKEY）		证书 CN：_____ UKEY序列号：_____	
☐ 证书吊销		证书CN：_____		
☐ 其他：_____				
证书经办人信息	经办人姓名		联系电话	
	电子邮箱			
UKEY收件信息	收件人姓名		联系电话	
	收件地址		邮政编码	
管理员变更				
☐ 新增 ☐ 注销 ☐ 密码重置				
用户 ID _____				

	用户姓名_____ 证书CN_____ 风险管理参数相关变更 ☐清算限额 ☐保证金充足率（仅代理业务） ☐代理确认方式（变更后信息需明确业务类别为：外汇中央对手清算、利率互换、信用违约互换；确认方式为：默认确认、逐笔确认、超限确认或其他） ☐最低保证金已缴资产币种置换（变更前后信息需包括：币种、金额） ☐单产品持仓限额 ☐单产品次到期月持仓限额 ☐单产品到期月持仓限额 ☐日间容忍度 ☐其他（_____） 资金路径相关变更(是否主动扣收) ☐人民币本金路径 ☐人民币保证金路径（☐最低保证金账户☐变动保证金账户） ☐清算费用路径 ☐标准债券远期实物交割资金结算路径 资金路径相关变更(是否主动返还) ☐人民币保证金路径（☐最低保证金账户☐变动保证金账户） ☐其他（_____）
变更前 信息	
变更后 信息	

变更生效时间	(选填, 以实际收到原件为准)
变更情况说明	
以下仅在选择变更项目为“账户信息”、“标准债券远期实物交割资金结算路径”, 且为“新开资金结算专户”时填写: 我单位申请在贵公司开立资金结算专户 (业务专用), 并作如下授权: 授权一: 授权贵公司根据日终清算结果进行直接借记或贷记处理。 授权二: 授权贵公司可直接通过我单位资金结算专户 (业务专用) 直接扣收我公司因 业务产生的清算款项及相关税收、费用等, 无须事先通知; 承诺该“资金结算专户”为我公司 业务结算资金转账存入账户及提取结算资金的收款账户。	
选择变更项目为“CFCA 证书换发”、“CFCA 证书补发”、“CFCA 证书重发”时, 做出如下承诺: 我单位委托上海清算所代我单位向中国金融认证中心 (CFCA) 申请数字证书。我单位同意提交我单位的企业名称、企业编码等企业信息用于向 CFCA 申请数字证书, 并承诺上述信息真实、有效。我单位知悉数字证书将绑定企业的身份信息, 通过其作出的电子签名代表我单位的真实意思表示, 经过电子签名的数据电文代表我单位知悉并认可其中所载内容。我单位已认真阅读 CFCA 官网 (www.cfca.com.cn) 发布的《CFCA 数字证书服务协议》《数字证书使用安全提示》《电子认证业务规则》等内容, 接受并愿意遵守上述所有条款。	
选择变更项目为“证书补发”、“证书换发”“证书重发”“证书解锁”“证书吊销”时, 做出如下承诺: 兹声明: 我单位委托上海清算所代我单位向中国金融认证中心 (CFCA) 申请数字证书。我单位同意提交我单位的企业名称、企业编码等企业信息用于向 CFCA 申请数字证书, 并承诺上述信息真实、有效。我单位知悉数字证书将绑定企业的身份信息, 通过其作出的电子签名代表我单位的真实意思表示, 经过电子签名的数据电文代表我单位知悉并认可其中所载内容。我单位已认真阅读 CFCA 官网 (www.cfca.com.cn) 发布的《CFCA 数字证书服务协议》《数字证书使用安全提示》《电子认证业务规则》等内容, 接受并愿意遵守上述所有条款。	
承诺事项	

1. 我单位保证提供的所有资料真实、完整、准确；
2. 有违反上海清算所有关清算会员管理和业务规则规定的，我单位将承担由此引起的一切后果及法律责任。

机构签章：

日期：

经办人		联系电话	
		邮箱	

备注：清算会员发生以下情况的，需在5个工作日内填写本表，加盖有效印鉴（双面打印或骑缝章）后提交上海清算所会员服务部：

- （1） 机构改制、重组、分立、合并等重大资质变更；
 - （2） 发生机构法人代表、股东、注册资金、业务人员等基本信息变更的；
- 发生与所参与中央对手清算业务相关的事件，如法律纠纷、商业案件、行政处罚等。

非清算会员信息变更登记表

综合清算会员全称_____ 综合清算会员代客业务印章

综合清算会员持有人账号_____ 债券净额代理业务需填写债券净额综合清算会员账号，其他业务填写综合清算会员持有人账号

综合清算会员编码_____ 仅大宗商品衍生品业务需填写

变更报备信息	
非清算会员全称	若为单一项目批量调整的填写“见附表”
非清算会员简称	若为单一项目批量调整的填写“见附表”
非清算会员持有人账号	若为单一项目批量调整的填写“见附表”
清算参与者编码	仅大宗商品衍生品业务需填写；若为单一项目批量调整的填写“见附表”
参与业务名称	☐ 债券（ ☐ 现券 ☐ 质押式回购 ☐ 买断式回购 ☐ 通用回购） ☐ 人民币外汇（ ☐ 即期 ☐ 远期 ☐ 掉期 ☐ 期权 ☐ T+1即期 ☐ T+1掉期 ☐ T+1期权 ☐ 长期限远期 ☐ 长期限掉期） ☐ 外币对（ ☐ 澳元/美元 ☐ 欧元/美元 ☐ 英镑/美元 ☐ 美元/港币 ☐ 美元/日元） ☐ 利率互换 ☐ 标准债券远期 ☐ 信用违约互换 ☐ 大宗商品衍生品 ☐ 其他（_____）
变更项目（若为单一项目批量调整的，只能勾选一个变更项目）	☐ 申请机构基本信息（变更后信息需包括：姓名、用户名、联系电话、邮箱等） ☐ 清算限额 ☐ 代理关系 ☐ 代理确认方式 ☐ 账户信息（外汇账户信息变更要素包括：中间行行名、开户行

	SWIFT BIC CODE、机构开在开户行的账号；人民币账户信息变更要素包括：户名、行号、账号） ☐ 非清算会员人员信息 ☐ 单产品持仓限额 ☐ 单产品次到期月持仓限额 ☐ 单产品到期月持仓限额 ☐ 人民币本金路径(是否主动扣收) ☐ 人民币保证金路径(是否主动扣收 ☐ 最低保证金账户 ☐ 变动保证金账户) ☐ 清算费用路径(是否主动扣收) ☐ 标准债券远期实物交割资金结算路径 ☐ 其他 (_____)			
	CFCA证书信息变更：			
	☐ 证书换发（ ☐ 新发 UKEY ☐ 不需 UKEY） 证书 CN：_____			
	☐ 证书补发（ ☐ 新发 UKEY ☐ 不需 UKEY） 证书 CN：_____			
	☐ 证书重发（不需 UKEY） 证书 CN：_____			
	☐ 证书解锁（不需UKEY） 证书CN：_____ UKEY 序列号：_____			
	☐ 证书吊销 证书 CN：_____			
	☐ 其他_____			
	证书经办人信息	经办人姓名		联系电话
		电子邮箱		
	UKEY 收件	收件人姓名		联系电话

	信息	收件地址		邮政编码	
	管理员变更 ☐ 新增 ☐ 注销 ☐ 密码重置 用户ID _____ 用户姓名 _____ 证书 CN _____				
变更前信息	变更项目 1：新增参与业务范围（变更前信息：外汇即期、远期、掉期、期权、T+1 即期、T+1 掉期、T+1 期权） 变更项目 2：资金路径相关变更（变更前信息：未开通人民币本金/人民币保证金/清算费用主动扣收） 变更项目 3：标准债券远期实物交割资金结算路径（变更前信息：现券 DVP 结算的资金结算账户） 若为单一项目批量调整的填写“见附表”				
变更后信息	变更项目 1：新增参与业务范围（变更后信息：外汇即期、远期、掉期、期权、T+1 即期、T+1 掉期、T+1 期权、长期限远期、长期限掉期） 变更项目 2：资金路径相关变更（变更后信息：开通人民币本金/人民币保证金（最低保证金/变动保证金）/清算费用主动扣收），大额支付系统清算账户主动扣收路径信息：户名（**）、行号（**）、账号（**） 变更项目 3：标准债券远期实物交割资金结算路径（变更后信息：开立用于标准债券远期实物交割业务的资金结算账户） 若为单一项目批量调整的填写“见附表”				
变更生效日期					
变更情况说明					

若为单一项目批量调整，应说明：“本次单一项目的批量调整，调整数量为X家。”

选择变更项目为“CFCA 证书换发”、“CFCA 证书补发”、“CFCA 证书重发”时，做出如下承诺：

我单位委托上海清算所代我单位向中国金融认证中心（CFCA）申请数字证书。我单位同意提交我单位的企业名称、企业编码等企业信息用于向CFCA申请数字证书，并承诺上述信息真实、有效。我单位知悉数字证书将绑定企业的身份信息，通过其作出的电子签名代表我单位的真实意思表示，经过电子签名的数据电文代表我单位知悉并认可其中所载内容。我单位已认真阅读CFCA官网（www.cfca.com.cn）发布的《CFCA数字证书服务协议》《数字证书使用安全提示》《电子认证业务规则》等内容，接受并愿意遵守上述所有条款。

注： 1. 请在电子版上填写后打印、盖章；

2. 综合清算会员账号为综合清算会员在上海清算所系统中的持有人账号；

3. 非清算会员账号为非清算会员在上海清算所系统中的持有人账号。

4. 综合清算会员进行单一变更项目批量报备调整的，应在相应提示栏位填写“见附表”并与填写完成的 C-2 附表一起提交；

5. 本登记表单（包括或有的 C-2 附表在内）双面打印超过 2 页、单面打印超过 1 页的，应盖骑缝章。

经办人：_____联系电话：_____手机：_____Email：_____

C-2 附表（仅 C-2 为单一项目批量调整时需填写并提交）

编号	非清算会员 全称	非清算会员 简称	非清算会员 持有人账号	清算参与 者编码	变更前信息	变更后信息
1				仅大宗商品 衍生品业务 需填写；		
2				仅大宗商品 衍生品业务 需填写；		

注：1. 上表可自主增减行数，除表头部分以外的行数应对应本次批量调整数量，不可留空行。

2. 本附表单独提交无效，填写完毕后应与 C-2 同时提交。

Shanghai Clearing House

Guidelines of Central Counterparty (CCP) Clearing Services

(RMB/FX transaction CCP clearing service)

SHCH commenced netting for RMB/FX bilateral transaction in April, 2013, including FX spot transaction, FX forward transaction and FX swap transaction within a month tenor. In November 2014, SHCH commenced CCP clearing for RMB/FX transaction. Based on netting for FX bilateral transaction and according to Principles for Financial Market Infrastructures, clearing period for forward and swap transactions was extended from 1 month to 1 year, while element specification, intraday and day-end clearing procedures remain the same. In August 2016, SHCH incorporated RMB/FX option transactions meeting certain requirements into CCP clearing. In November 2020, SHCH further expanded the clearing period and varieties for FX CCP services. In October 2023, SHCH expanded FX settlement channels, USD can be settled by CFXPS¹¹. In March 2024, clearing period for forward and swap transactions was extended from 1 year to 5 years.

6.1 Elements of FX Clearing

CCP clearing products for RMB/FX transaction include RMB/FX spot transaction¹², RMB/FX swap transaction, RMB/FX forward transaction and RMB/FX option transaction.

RMB/FX spot transaction: refers to the FX to RMB transactions settled within two business days (day T+2) after the trading day (day T) and with the agreed FX currency, amount and exchange rate.

RMB/FX swap transaction: refers to the trading that both parties agree on two RMB/FX transactions with different value dates and in opposite direction. In earlier trading (near leg), one party buys RMB with foreign exchange at a specific rate (or

¹¹ CFXPS refers to China Foreign Exchange Payment System.

¹² It does not include anonymous transactions of RMB/FX spots.

buys foreign exchange with RMB); in the latter trading (far leg), such party buys foreign exchange with RMB at another specific rate (or buys RMB with foreign exchange).

RMB/FX forward transaction: refers to the FX to RMB transactions settled in the agreed FX currency, amount and exchange rate on an agreed future date.

RMB/FX option transaction: refers to the right to buy and sell a certain amount of FX assets at the agreed exchange rate on a future trading day. The buyer of the option has the right by paying the option premium, and the seller of the option collects the option premium and performs the obligation when the buyer chooses to exercise the right.

At present, the clearing products accepted by SHCH are shown in the following table (where day T represents the trading day, the same below). In the future, if new products, currencies and period ranges are added based on business development, SHCH shall publish the new information separately.

Form 1: List of Clearing Product

Product Category		Currency pairs	Near leg settlement day	Far leg settlement day
Spot transaction	Spot	USD/CNY	T+1, T+2	None
		EUR/CNY, JPY/CNY, GBP/CNY, HKD/CNY, AUD/CNY	T+2	
Swap transaction	Tom/Next	USD/CNY	T+1	T+2
	Spot-Forward		T+1, T+2	T+F ($F \leq 5Y+2$)
	Forward1-Forward2		T+F1	T+F2 ($2 < F1 < F2 \leq 5Y+2$)
Forward transaction	Forward		None	T+F ($F \leq 5Y+2$)
Option transaction	Option	USD/CNY	None	T+F ($F \leq 1Y+2$)

(including option strategy)				
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Form 2: Elements of Clearing Product

Basic elements			
Counterparty	Clearing Participants	Trading types	Spot, Forward, Swap, Option
Trading date	Not limited	Trading time	Not limited
Near (far) leg value date	Not limited	Option expiration date	Not limited
Near (far) leg trading currency pairs	Spot: USD/CNY, EUR/CNY, JPY/CNY, GBP/CNY, HKD/CNY, AUD/CNY; Forward, swap, option: USD/CNY		
Near (far) leg base currency types	USD、EUR、100JPY、GBP、HKD、AUD	Near (far) leg trading prices	Currency rate shall be calculated to 4 decimal places (in which HKD should be calculated to 5 decimal places)
Near (far) leg foreign currency purchase	Not limited	Near (far) leg foreign currency sale	Not limited
Near (far) leg RMB purchase volume	Not limited	Near (far) leg sale volume	Not limited
Option premiums	Only applicable to FX options	Delivery day of option premiums	T+1 to the delivery day of options

After selecting the corresponding clearing products, the RMB/FX transactions concluded through the CFETS among the CMs and clients shall all be cleared through SHCH, unless CCP clearing cannot be provided to the trading. The transaction which has been transferred to SHCH with the settlement date of day T+1 is irrevocable in principle.

6.2 Intraday clearing processing

Form 3: Operation Timetable of RMB/FX Clearing Service

Date	Time	Event
Intraday	9:30	Receiving trading data of the previous day
	9:30-11:30	Compliance check
	9:30-10:30	Confirmation of client clearing
	11:30	The first batch cut-off time of intraday margin payment ¹³
	15:00	Cut-off time of mark-to-market loss and profit payment Cut-off time of day end margin call payment
	15:00	Completion of margin allocation by GCMs
	15:15	Receiving trading data of the day
	15:15-16:15	Compliance check
	15:15-15:45	Confirmation of client clearing
	16:15	The second batch cut-off time of intraday margin payment ¹⁴
	16:15	Releasing clearing withdrawal list (if any)
	17:00	Cut-off time of margin withdrawal and client margin withdrawal
	18:30	Generating the day-end margin report
S-1	11:30	Generating settlement report (EUR, GBP, JPY, AUD, HKD)
	before 12:00	SHCH will notify the FX settlement bank of the settlement statement of foreign currency funds on day S (except USD).
	before 14:30	JPY, AUD: CM sends notice to receive to FX settlement bank (MT210). Note: CMs transfer FX funds on day S
	before 16:00	1. EUR, GBP, HKD: CM sends notice to receive to FX settlement bank (MT210). Note: CMs transfer FX funds on day S-1 2. JPY, AUD: cut-off time of FX funds remittance (MT202)
	16:15	Generating settlement report (CNY, USD)
	before 17:00	SHCH will notify the FX settlement bank of the USD settlement statement of S day (statement of CMs who choose to settle by FX settlement bank)

¹³ The cut-off time of intraday margin payment is subject to the reports.

¹⁴ The cut-off time of intraday margin payment is subject to the reports.

Date	Time	Event
	before 18:00	USD: CM sends notice to receive to FX settlement bank (MT210) Note: CMs transfer FX funds by FX settlement bank on day S-1
S (Settlement day)	before 11:00	1.JPY, AUD: CMs send payment orders through the correspondent bank (MT202). 2.JPY, AUD: CMs send payment order (MT202) to the FX settlement bank or authorize the FX settlement bank of automatic deduction, FX settlement bank notifies SHCH of the CM's account information in real time.
	before 11:30	JPY, AUD: according to the confirmation notice of credit, SHCH shall issue a payment order to the FX settlement bank before 11:30 to pay the FX fund receivable of the CM.
	before 12:00	USD, EUR, GBP, HKD: CM sends notice to receive (MT210) to FX settlement bank. Note: CMs transfer FX funds by FX settlement bank on day S
	14:30	USD, EUR, GBP, HKD: CMs issue payment orders to the FX settlement bank (MT202). Note: CMs choose to send MT202 to the FX settlement bank.
	9:00-15:00	USD, EUR, GBP, HKD: FX settlement bank automatically deduct the fund payables from CM's accounts Note: CMs choose not to send MT202 messages to FX settlement banks USD: SHCH deducts the USD payables of CMs by CFXPS Note: CMs choose to settle USD by CFXPS
	before 15:00	1. Cut-off time of RMB payment by members 2. USD, EUR, GBP, HKD: the FX settlement bank will notify SHCH of the confirmation of credit in real time. 3. HKD: cut-off time of funds remittance (MT202)

Date	Time	Event
	15:30	1. USD, EUR, GBP, HKD: only after receiving all the settlement funds and mark-to-market margin that should be paid by a single CM, SHCH shall notify the FX settlement bank or CFXPS to transfer the amount receivable of the CM to corresponding account before 15:30 on day S. 2. Collection of RMB and foreign currency funds by CMs.
	16:00	USD, EUR, GBP fund cut-off time of remittance order (MT202)
S+1	10:00	All foreign currencies: cut-off time for the FX settlement bank to send statement

The SHCH's system receives transaction data from CFETS in two batches at 9:30 (UTC+8) and 15:15 (UTC+8) every day, and carries out follow-up processing. Both parties of transactions may also submit the transaction data to SHCH for CCP clearing through other means that meet the requirements.

For the transaction data concluded before 14:00 (UTC+8) and confirmed before 15:00 (UTC+8) on day T, which settled on day T+1, and the transaction data confirmed before 15:00 (UTC+8) and settled on day T+2, SHCH shall conduct a risk management compliance check after 15:15; for transaction data confirmed after 15:00 (UTC+8) which settled on day T+2, SHCH shall conduct a risk management compliance check after 9:30 on T+1.

In this service, the total risk value of the clearing participant is the total risk exposure taking into account margin requirements, intraday mark-to-market losses, and the previous day' end-of-day mark-to-market funds in transit.

Total risk value = initial margin requirement + special margin requirement + max (intraday mark-to-market losses – intraday loss threshold, 0) + previous day' end-of-day mark-to-market payable amount in transit

Risk management compliance check is to judge whether the transaction to be inspected will cause the total risk value of CMs or clients to exceed the maximum tolerance threshold. According to the compliance check results, SHCH will take corresponding follow-up treatment for the transactions that have been confirmed by the GCM or do not need to be confirmed by the GCM. Refer the following table for

details:

Form 4: Risk Management Compliance Check Results and Processing Methods

Check results	Processing method
The CMs (including GCMs) and clients corresponding to the transaction should meet the following requirements: Total risk value after accepting the transaction < Total risk value before accepting the transaction, or total risk value after accepting the transaction < margin balance + tolerance threshold	The clearing system will include the transaction in the subsequent CCP clearing.
Any party of the CMs (including GCMs) and clients corresponding to the transaction does not meet the conditions above.	The transaction shall be kept in a waiting queue, and SHCH will collect the margin from the party that exceeded the limit. If the margin call is successfully conducted, the transaction will be re-included in the CCP clearing risk management compliance check again ¹⁵ .

For client clearing services, GCMs may choose either case-by-case confirmation or default confirmation, and shall complete client clearing confirmation for all client transactions after 15:15 (UTC+8) on day T and 9:30 (UTC+8) on day T+1 on the client terminals.

Case-by-case confirmation means a GCM chooses to confirm each transaction from its clients. Any transaction unconfirmed by GCM within required time shall be excluded from the subsequent clearing procedures. Default confirmation means the GCM does not need to confirm any transaction from its clients. All these transactions will be automatically confirmed.

GCMs shall complete the client clearing confirmation of the first batch clearing before 10:30 (UTC+8), the client clearing confirmation of the second batch clearing before 15:45 (UTC+8). After the review, GCMs shall submit the client confirmation order through the client terminal. If the GCMs chooses to refuse to confirm the

¹⁵ Clearing participants should take measures to keep the margin gap less than their maximum tolerance threshold, including making end-of-day margin payments in advance.

client's transaction, the transaction will not go through the subsequent clearing process. If two parties of a transaction have the same GCM as their agents, this GCM needs to confirm both parties separately to complete client clearing confirmation for such transaction.

After 15:25 (UTC+8) of day T, CMs may enquire all transactions and details that have been submitted for clearing and passed the element check on that day through client-terminal. They may enquire all transactions and details with trading day of T that have passed the element check after 9:45 (UTC+8) on day T+1. All these data can be exported into Excel and XML formats.

Based on above conditions, transaction status can be:

- a. Pending for client clearing confirmation; b. Under risk management check;
- c. Risk management check passed; d. Invalid.

Buyer/seller status for proprietary transaction can be:

- a. Confirmed

Buyer/seller status for client transaction can be:

- a. Pending for client clearing confirmation; b. Confirmed by agent; c. Rejected by agent.

Remarks for buyer/seller status indicate details of buyer/seller status, such as, 'default confirmation', etc.

SHCH carries out novation in two batches every day. CMs can check the day-T FX spot, forward, swap and option transaction data of novation completed by SHCH after 16:15 (UTC+8) on day T and 11:30 (UTC+8) on day T+1. The transaction data that have not yet passed the risk management check of the batch will not be able to enter the CCP clearing.

SHCH provides netting in two batches every day, completes the clearing of all transactions that have passed the risk management check on day S-1, and generates settlement reports in which the settlement report for EUR, GBP, HKD, JPY and AUD shall be generated after 11:30 (UTC+8). Settlement report for CNY and USD shall be generated after 16:15 (UTC+8). Furthermore, CMs may also check transaction data for which SHCH has completed novation and which has come into netting on that day,

based on settlement report, and check transaction data for which SHCH has completed novation but has not come into netting in that day, through client-terminal.

SHCH shall receive applications for clearing withdrawal of written-off transactions submitted by clearing participants through the terminal of CFETS. SHCH shall conduct an element compliance and risk compliance check on the FX transactions applying for clearing withdrawal and issue a clearing withdrawal report after 16:15 (UTC+8) after passing the check.

6.3 Day-end clearing processing

The settlement statements include novation reports and settlement reports.

Novation reports: day T's transaction data for which SHCH has completed novation and has incorporated into CCP clearing. Novation report will be separately generated for FX option transactions, whereas FX spot, forward and swap transactions will be combined together for generating novation reports, which can be downloaded in PDF, Excel and XML formats.

Settlement reports: SHCH shall generate settlement reports based on corresponding netting results, of which, option premium and RMB cash flow generated by netting delivery in FX options are combined for netting, and therefore generate settlement report for FX option transaction; spot transactions generated by full amount delivery in FX options, and FX spot, forward and swap transactions are combined for netting, and therefore generate settlement report for FX transaction (not including options). All settlement reports are provided in English and Chinese. The Chinese version shall prevail.

Settlement report for FX option trade contains settlement funds after netting on settlement day (hereinafter referred to as S day), and its corresponding option trade data and cash-flow data for netting delivery. Settlement report for FX bilateral transaction (not including options) contains settlement funds after netting on settlement day (hereinafter referred to as S day) and its corresponding spot, forward and swap trade data, and FX spot trade data generated by full amount delivery of

option, etc. Settlement reports can be downloaded in PDF, Excel and XML formats.

SHCH shall generate and issue settlement statements on the report generation date. CMs can download or print the novation report and settlement report through the client terminal after the document generation time on the report generation date.

GCM can choose to have its proprietary transactions and client transactions netted separately or combined. If such two are netted separately, their settlement reports shall also be generated separately. GCM's operator can check reports related to proprietary transactions and client transactions on corresponding query interface. If the two are combined for netting, their settlement reports will be combined as well, and can be downloaded by GCM's operator via the proprietary report query interface of client terminal.

6.4 Settlement Processing

6.4.1 Margin settlement processing

(1) Day-end margin deposit

SHCH calculates the day-end margin of the CMs on every business day, which can be downloaded from the client terminal at 19:00 (UTC+8). The CMs shall find the margin call and release amount for each type and the mark-to-market profit and loss settlement amount according to the day-end margin report they received; GCMs shall determine the client's margin call and release amount and the mark-to-market profit and loss settlement amount according to day-end margin report and client margin requirements checked at the client terminal.

The deadline for RMB day-end margin call payment (including excess margin and mark-to-market profit and loss settlement) is 15:00 (UTC+8) on the next business day. The deadline for the minimum margin call shall be based on the documents notified by SHCH. A clearing participant who fails to pay the margin within the prescribed time shall be considered as a margin default and shall be subject to the margin default procedures.

Once completing the payment of the margin to the account, GCMs shall

complete the allocation of the margin through the client terminal before 15:00 (UTC+8) on the next business day. If the margin is not allocated in time, the clearing participant will be regarded as a default.

CMs shall pay RMB margin in the following methods: (1) self-payment: the margin shall be transferred to the margin account designated by SHCH before the time specified through the RMB HVPS. (2) Automatic deduction: for the RMB variation margin, the CMs shall authorize SHCH to debit the margin. At the same time of generating the margin call notice, the system will send an instant transfer message to the HVPS and debit the corresponding amount from the clearing accounts opened by the CMs in the HVPS. (3) For RMB minimum margin, the CMs shall authorize SHCH to take the initiative to debit the margin. While generating the margin call notice, the system will send an instant transfer message to the HVPS and debit the corresponding amount from the clearing accounts opened by the CMs in the HVPS. (4) If the margin cannot be paid through the above two methods due to force majeure, the margin shall be transferred to the margin account designated by SHCH through any feasible way.

CMs shall transfer the USD margin to the margin account designated by SHCH before the specified time.

Clients shall transfer the margin in full within the specified time according to the requirements of GCM.

(2) Intraday margin deposit

After SHCH triggers the intraday margin call notice, the system shall automatically send a real-time reminder of the intraday margin call to the CMs through the client terminal of SHCH, and issues the intraday margin report. The CMs shall authorize SHCH to debit the margin or transfer the required amount to the margin account of SHCH within the specified time after receiving the intraday margin report (45 minutes in the morning session and 15 minutes in the afternoon session) in accordance with the amount on the intraday margin report and the available balance of the margin account. CMs who fail to pay the margin within the prescribed time shall be considered as a margin default and shall be subject to the margin default

management procedures. Rules on intraday margin payment for GCMs are same as rules on day-end margin payment.

(3) Voluntary freezing of margin account

CMs may voluntarily freeze the excess margin, special margin and marked-to-market margin in the variation margin account before 17:00 (UTC+8), and the GCM may voluntarily freeze the excess margin, special margin and marked-to-market margin in the client's variation margin account before 17:00 (UTC+8).

(4) Margin interest accrual

Interest of margin of CMs will be directly transferred to their variation margin accounts.

(5) Margin withdrawal

RMB margin withdrawal: (1) withdrawal on their own: CMs can withdrawal the margin through the client terminal before 17:00 (UTC+8). (2) Return by SHCH: for the RMB variation margin account, SHCH shall return all available balances in the margin account to CM's account in RMB HVPS on the same day; for the RMB initial margin accounts, SHCH shall return all available balances in the margin account to the RMB variation margin accounts of the CMs on the same day.

USD margin withdrawal: the CM submits an application for margin withdrawal before 17:00 (UTC+8) through the client terminal, and SHCH transfers the margin to the account designated by the CM on the same day. For the USD initial margin account, SHCH shall return all available balances in the margin account to the USD variation margin account of the CM on the same day.

GCMs are required to complete the withdrawal on behalf of the client by 17:00 (UTC+8) on the same day.

(6) Client margin account maintenance

If SHCH takes the initiative to deduct or return the margin for the GCM's client service, it will be carried out in accordance with the latest margin requirements of the clients' calculated by SHCH.

In cases where GCM pays margin for its client, it shall first pay required margin

to its client margin account through client-terminal and then record it into client's ledger. The paid margin amount shall be consistent with client margin requirement.

In cases where GCM withdraws margin from its client margin account, it shall first make record in client's margin ledger through client-terminal and then transfer available balance in its client margin account to another designated account.

6.4.2 Fund settlement processing

SHCH completes principal settlements of various currencies with CMs based on settlement reports. When GCM chooses to combine fund settlement for proprietary and client transactions into the same report, client transactions shall be first satisfied if funds for settlement are insufficient.

1. RMB clearing process

(1) The CM shall transfer the RMB fund payable to the RMB clearing account of SHCH through the HVPS before 15:00 (UTC+8) on S day.

(2) If the CM authorizes SHCH to directly debit settlement fund, SHCH shall automatically debit the corresponding funds from the clearing account opened by the CM through the HVPS from 9:30 on S day.

(3) After receiving all the funds payable from the CMs, SHCH shall transfer the corresponding funds to the RMB clearing accounts of the CMs through the HVPS before 15:30 (UTC+8) on S day.

2. USD clearing process

CMs may choose to settle USD by FX settlement bank or CFXPS.

a. USD settlement by FX settlement bank

(1) Before 17:00 (UTC+8) on S-1 day, SHCH shall notify the FX settlement bank of the day-S fund settlement statement. According to the fund settlement statement, the FX settlement bank will know SHCH's fund receivable and payable on the next working day.

(2) CMs who transfer funds through MT202 on S-1 day shall send notice to receive (MT210) to the FX settlement bank before 18:00 (UTC+8) on day S- 1.

(3) CMs who transfer funds through MT202 on S day are required to send notice to receive (MT210) to the FX settlement bank before 12:00 (UTC+8) on S day. FX settlement bank shall monitor the FX funds transferred on that day to ensure that they are received on S day.

(4) CMs can choose the following two methods to pay USD funds to SHCH through the FX settlement bank:

- i. CM sends MT202 messages to the FX settlement bank.

CM shall send fund transfer order (MT202) to FX settlement bank before 14:30 (UTC+8) of S day. After receiving such order, FX settlement bank shall check balance (sum of credit invoked from bank and actual position) of CM's account: If balance is sufficient, FX settlement bank shall transfer CM's funds to FX settlement account opened by SHCH in such FX settlement bank, and send notice of confirmation of credit to SHCH at the same time. However, if balance is insufficient, FX settlement bank shall reject transferring and notify both SHCH and such CM via email and telephone.

- ii. CM does not send MT202 but authorizes the FX settlement bank to debit its account based on settlement details.

From 09:00 to 15:00 (UTC+8) on S day, FX settlement bank shall check balance of CM's account (sum of credit invoked from bank and actual position). If balance is sufficient, FX settlement bank shall transfer required fund from account of CM who needs to make payment, based on details sent by SHCH, and transfer such fund to account opened by SHCH in FX settlement bank, and notify SHCH of the confirmation of credit in real time. If balance is insufficient by 15:00 (UTC+8), FX settlement bank shall notify both SHCH and CM via email and telephone that such transaction cannot be conducted.

(5) Only when SHCH receives fund of all currencies required to be transferred from an individual CM, shall it notify FX settlement bank before 15:30 (UTC+8) of S day, to transfer all corresponding fund to such CM's accounts for various currencies.

(6) When CMs require to withdraw fund, they shall send fund transfer order (MT202) to FX settlement bank before 16:00 (UTC+8) on S day, based on forecast

position amount and cut-off time required by FX settlement bank.

(7) Before 10:00 (UTC+8) on S+1 day, the FX settlement bank will send statements to SHCH and CMs.

b. USD settlement by CFXPS

SHCH settles USD with CMs by CFXPS instant transfer messages (fxps.141).

For CMs that should pay USD on value day, SHCH debits USD payables from clearing accounts of the CMs in CFXPS by instant transfer messages¹⁶, starting from 9:00 on S day. After confirmation, CMs reply instant transfer receipt messages, which indicate payment agreement. When CMs have sufficient positions in the account, the clearing process succeeds. CFXPS sends clearing result to CMs by clearing receipt messages.

For CMs that should receive USD on value day, after receiving all payables of all currencies from the CM, SHCH sends CFXPS instant transfer message in real time to transfer corresponding USD receivable to the CM's clearing account in CFXPS.

3. Clearing process for EUR, GBP, and HKD

(1) Before 12:00 (UTC+8) on S-1 day, SHCH shall notify the FX settlement bank of the S day fund settlement statement. According to the statement, the FX settlement bank is informed of the amount of funds that should be received and paid by SHCH account on the next day.

(2) CM who has transferred fund through MT202 on S-1 day shall send notice to receive (MT210) to FX settlement bank before 16:00 (UTC+8) on S-1 day. Following this, FX settlement bank shall monitor transferred fund and arrange such fund to value from S-1 day.

(3) CM who has transferred fund through MT202 on S day shall send notice to receive (MT210) to FX settlement bank before 12:00 on S day. Following this, FX settlement bank shall monitor fund transferred on the same day, to ensure it is received on S day.

(4) CMs can choose the following two methods to pay funds to SHCH through

¹⁶ Business category G106, business type netting.

the FX settlement bank:

- i. CM directly sends MT202 messages to the FX settlement bank

CM shall send fund transfer order (MT202) to FX settlement bank before 14:30 (UTC+8) of S day. After receiving such order, FX settlement bank shall check CM account's balance (sum of credit invoked from bank and actual position). If balance is sufficient, FX settlement bank shall transfer CM's fund to FX settlement account opened by SHCH in such FX settlement bank and notify SHCH of the confirmation of credit in real time. If balance is insufficient, FX settlement bank shall reject transferring and notify both SHCH and such CM via email and telephone in a real time manner.

- ii. CMs choose not to send the payment message MT202 but authorizes the FX settlement bank to debit the CM's account according to the statement

On S day, FX settlement bank shall check CM's account balance (sum of credit invoked from bank and actual position). If balance is sufficient, FX settlement bank shall deduct required fund from account of CM who needs to make payment, based on details sent by SHCH, and transfer such fund to account opened by SHCH in FX settlement bank and notify SHCH of the confirmation of credit in real time. If balance is insufficient by 15:00 (UTC+8), FX settlement bank shall notify both SHCH and CM via email and telephone that such transaction cannot be conducted.

(5) Only after receiving the funds of all the currency that should be transferred by one CM, SHCH shall notify the FX settlement bank before 15:30 (UTC+8) on day S, and transfer all the corresponding funds to the accounts of the CM in relevant currencies.

(6) In cases where CM intends to transfer FX fund out of its account on S day, it shall send fund transfer order (MT202) to FX settlement bank before 15:00 (UTC+8) for HKD and before 16:00 (UTC+8) for EUR and GBP. The value date for transferred fund is S day.

(7) Before 10:00 (UTC+8) on S+1 day, the FX settlement bank will send statements to SHCH and CMs.

4. Clearing procedures for JPY and AUD

(1) On S-1 day, before 12:00 (UTC+8), SHCH shall notify FX settlement bank of funds details settled on S day.

(2) CMs who transfer funds through MT202 on day S shall send notice to receive (MT210) to the FX settlement bank before 14:30(UTC+8) on day S-1.

(3) CMs are required to transfer FX funds to their FX settlement accounts opened in the FX settlement bank by issuing a fund transfer order (MT202) through correspondent bank before 11:00 (UTC+8) on S day. FX settlement banks are required to monitor the FX funds transferred on day S to ensure that they are received on S day.

(4) CMs can choose the following two methods to pay FX funds to SHCH through the FX settlement bank:

i. CM does not to send the payment message MT202 but authorizes the FX settlement bank to debit the CM's account based on settlement details

Before 11:00 (UTC+8) on S day, FX settlement bank shall check CM's account balance (sum of credit invoked from bank and actual position, the same hereinafter). If balance is sufficient, FX settlement bank shall deduct required fund from account of CM who needs to make payment based on details sent by SHCH, and transfer such fund to account opened by SHCH in FX settlement bank and shall notify SHCH of the confirmation of credit in real time. If balance is insufficient until 11:00 (UTC+8), FX settlement bank shall notify both SHCH and CM via email and telephone that such transaction cannot be conducted.

ii. CM directly sends MT202 to FX settlement bank.

CM shall send fund transfer order (MT202) to FX settlement bank before 11:00 (UTC+8) of S day. After receiving such order, FX settlement bank shall check CM account's balance (sum of credit invoked from bank and actual position). If balance is sufficient, FX settlement bank shall transfer CM's fund to FX settlement account opened by SHCH in such FX settlement bank, and shall notify SHCH in real time. However, if balance is insufficient, FX settlement bank shall reject transfer and notify both SHCH and such CM via email and telephone.

(5) After 11:00 (UTC+8) on day S, the FX settlement bank shall continue to

check the account balance of the CM (sum of credit invoked from bank and actual position). If such balance is sufficient, FX settlement bank shall directly deduct required fund from such account or execute fund transfer order (MT202) sent by CM, in order to transfer funds into account opened by SHCH in FX settlement bank, and shall notify the confirmation of credit to SHCH in real time.

(6) If CM intends to transfer fund out of its FX settlement account with value date of day S, such CM shall send fund transfer order (MT202) to FX settlement bank before 16:00 (UTC+8) on S-1 day. Such CM shall also pay all funds payable in all currencies to SHCH's account before 10:30 (UTC+8) on S day. According to confirmation of credit notice, SHCH shall send fund transfer order before 11:30 (UTC+8) to pay funds which such CM shall receive. FX settlement bank shall check balance of such CM's account and if there is sufficient cash in account by 11:30 (UTC+8), FX settlement bank shall transfer funds to account designated by such CM, with S day as value date. If balance is insufficient, then FX settlement bank shall reject such transaction, and notify CM via email and telephone in a real time manner.

(7) Before 10:00 on S+1 day, the FX settlement bank shall send statements to SHCH and CMs.

6.4.3 Default fund operations

Default fund = daily average of risk exposure (including proprietary and client) × the ratio of default fund.

Ratio of default fund = the result of stress test/the sum of the daily average of risk exposure of all CMs.

The stress test results refer to the additional losses caused by the default of the two largest CMs at the same time in the stress scenario, which are not covered by their margin.

Daily average of CMs' exposure is equal to the arithmetic average of CMs' risk exposure at the end of each day in the previous three months.

SHCH conducts daily stress tests, and calculates and adjusts the ratio and amount

of default funds of CMs on quarterly basis according to the stress test results. During the quarterly calculations and adjustment period, in order to prevent greater risks caused by the sharp increase in stress test results for that quarter, if default fund thus estimated is over 125% of total paid default fund, SHCH have the right to conduct a temporary adjustment to the default fund size.

SHCH is responsible for the daily management of the default fund and shall carry out independent accounting for the default funds of the CMs.

6.4.4 Relevant rules on default management

In the case of default, SHCH shall notify default member and check about reasons for the default. Based on specific default conditions, SHCH shall freeze the funds receivable or assets of the CM related to this clearing service, calculate and collect damages, and complete the settlement obligation with liquidity facility. Among them, if the payment is not completed by CMs in full and in time, SHCH has the right to calculate and levy damages according to the default amount. If default party does not pay RMB fund within required time, a default compensation at 0.1% of overdue amount calculated on a daily basis shall be imposed. If defaulting party does not pay foreign exchange fund within required time, default compensation at a rate equal to sum of overdraft interest rate issued by FX settlement bank plus 3% (annualized rate) shall be imposed.

Default management shall be performed in accordance with relevant rules provided in Chapter 3.3 of this *Guidelines*, and rules regarding RMB FX transaction CCP clearing service of *Guidelines on Default Management of Central Counterparty (CCP) Clearing Services*.

1. Restriction of services: SHCH is entitled to restrict the participation of default CMs/clients in this service by reducing the maximum tolerance threshold/limit to the risk exposure limit.

2. Determination of permanent default: the defaulting CMs shall promptly pay the overdue default funds. In case of failure in paying default mark-to-market margin,

default penalties, default fund or expense, or if the margin defaulter has default the margin for the second time in a row, or other circumstances of default determined by SHCH, SHCH shall determine the member as a permanent defaulter according to the determination of the risk management committee.

3. Client clearing management

(1) CMs shall adopt pay-after-receiving mechanism for clients and pay-before-receiving mechanism for SHCH, and shall perform their obligation as guarantors for their clients. GCMs shall perform the obligation to guarantee the settlement to the client represented by them. GCM shall submit to SHCH a notice of default of the client with the official seal of the GCM or registered seal, as well as the relevant records or explanatory materials of the client. SHCH shall conduct a formal examination of the above-mentioned materials.

(2) In cases when the client of GCM default, they shall assist SHCH in default investigation, by providing evidences proving default fact and overdue amount of such client, and other records pertaining to such default client required by SHCH. GCM shall not embezzle any assets that have been received but not transferred to the default client. SHCH is entitled to restrict or suspend default client from participating in this business.

(3) If SHCH is unable to confirm the fact that the client has defaulted, the client shall be regarded as not default. The performing client shall submit the application for position transfer before the application deadline, and designate a new GCM within the prescribed time limit for position transfer (the non-default client shall determine the new GCM within 10 business days).

(4) The default GCM have the obligation to assist SHCH in notifying the performing client to make up the margin requirement.

(5) After a GCM is deemed as a permanent default, such default CM shall transfer assets it has received but not paid and additional margin provided by default client, to SHCH. SHCH shall assist the GCM in completing payment and settlement for non-default clients' cleared positions.

(6) If a GCM is determined to be a permanent default, SHCH shall carry out the

transfer of uncleared positions of all non-default clients who have fulfilled the contract, completed the requirements of assets payable (including margin and settlement requirement) prior to the transfer. The cleared yet unsettled position shall not be included in the scope of the position transfer. During the transition period prior to the appointment of the new GCM, SHCH will receive and pay the assets directly with the non-default clients, and SHCH shall have the right to calculate on the basis of the cleared yet unsettled position and collect special margin from the clients before the transfer takes effect.

(7) SHCH shall compulsorily close out the positions of clients in default. SHCH also has the right to compulsorily close out the positions of clients who have not submitted the position transfer application in time or have not appointed the new GCM beyond the time limit for the transfer, and the close out loss will be included into the cost of the member's default management.

(8) After relevant positions have been transferred, if clients have not completed cash payment for not-transferred positions before cut-off time point, such clients are deemed to be default. In this case, SHCH shall sell the assets receivable of the default member's client clearing business and the assets receivable of the default clients on demand, and the relevant losses will be included into the cost of the member's default management.

4. Option exercise: if default party is an option buyer, SHCH has the right to either exercise or not exercise this option.

6.5 Formula of FX CCP clearing

6.5.1 Initial margin

6.5.1.1 Minimum margin

Minimum margin payment should be done in RMB or USD. Calculation formula of the minimum margin is as follows:

Minimum margin requirement = $L \times C$

Where:

L is the risk exposure limit.

C is member credit element. Furthermore, the GCM's credit element shall be used for their client services. SHCH shall adjust member credit elements based on the actual situation.

If the minimum margin requirement is adjusted, SHCH shall send a minimum margin adjustment notice to the CM, and the CM shall pay or withdraw in accordance with the adjustment notice.

6.5.1.2 Excess margin

The basic model of RMB/FX CCP clearing service is expected loss model (ES).

Excess margin payment should be paid in RMB.

Excess margin = $\text{Max}(\text{Max}(\text{ES}_1, \text{ES}_2, \text{ES}_3) \times C - L \times C, 0)$

Where:

ES₁ is the risk exposure excluding T+2, T+1 and overdue settlement positions.

ES₂ is the risk exposure excluding T+1 and overdue settlement positions.

ES₃ is the exposure of all existing positions.

Max (ES₁, ES₂, and ES₃) is members' risk exposure.

L is risk exposure limit.

C is member credit element.

6.5.2 Mark-to-market profit and loss settlement (MTM margin)

SHCH shall carry out mark-to-market profit and loss settlement at the end of the day.

Mark-to-market profit and loss is settled in RMB. Mark-to-market is only applied to forward, swap, option, or spot trades generated by exercising of option or cash flows generated by netting delivery of option, but not to common spot trades.

The settlement amount of mark-to-market profit and loss shall be calculated on the basis of the clearing participants. The mark-to-market profit and loss settlement amount is positive, which is reflected in the mark-to-market receivables column of the margin report, and the clearing participants receive mark-to-market profit and loss settlement; if the mark-to-market profit and loss settlement amount is negative, which

is reflected in the market-marked amount payable in the margin report, and the clearing participants shall pay mark-to-market profit and loss settlement accordingly.

Mark-to-market calculation method is as follows:

(1) Calculate mark-to-market value for Spot transaction or cash-flow generated by exercising of option, or forward or one leg of swap transaction, with day T+i as value date.

$$P_{T+i} = (\text{net RMB amount on day T+i} + \text{net foreign currency amount on day T+i} \times F_{T+i}) \times DF_{i,T}$$

The net amount receivable of members is positive; the net amount payables of members is negative.

i indicates the number of natural days between the option fee value day and the current date, and i is greater than 1;

$DF_{i,T}$ is the discount rate, which is calculated according to the RMB spot interest rate curve determined by SHCH at the end of the day;

F_{T+i} is the spot rate obtained at the end of the day and the forward rate calculated by the FX swap curve.

(2) Calculate the mark-to-market value of options

First, internal value of outstanding options settled on day T+i are calculated using Garman-Kohlhagen model;

$$P_{T+i} = a \times M \times DF_{i,T} \times \omega \times [F_{T+i}N(\omega d_1) - KN(\omega d_2)]$$

$$d_1 = \frac{\ln\left(\frac{F_{T+i}}{K}\right) + \frac{\sigma_{T_{ep}-T,K}^2 \times (T_{ep} - T)}{730}}{\sigma_{T_{ep}-T,K} \times \sqrt{\frac{T_{ep} - T}{365}}}$$

$$d_2 = \frac{\ln\left(\frac{F_{T+i}}{K}\right) - \frac{\sigma_{T_{ep}-T,K}^2 \times (T_{ep} - T)}{730}}{\sigma_{T_{ep}-T,K} \times \sqrt{\frac{T_{ep} - T}{365}}}$$

i represents calendar days from option settlement date to current date, and i>1;

T_{ep} the date of expiration of the option;

M is nominal principle;

K is options strike price;

a: buyer is +1, seller is -1;

ω : call is +1, put is -1;

$\sigma_{T_{ep}-T,K}$ is implied volatility with the maturity date of T_{ep} and the execution price of K calculated SHCH at the end of the day.

(3) Calculate the adjustment of option premiums

When and only if the value day of the option fee is greater than the next working day, the mark-to-market value needs to be adjusted according to the option premium, the calculation method of the adjusted value ΔP_{T+i} is as follows:

$$\Delta P_{T+i} = -a \times M \times DF_{i,T} \times Pre$$

i indicates the number of calendar days between the option premium value date and the current date, and i is greater than 1;

Pre refers to the amount of option premiums.

(4) Calculate the mark-to-market value of outstanding positions

$$V_T = \sum_{i=1} (P_{T+i} + \Delta P_{T+i})$$

The results of items (1), (2) and (3) add up to the mark-to-market value of the outstanding position of the clearing participant on that day.

(5) Calculate the mark-to-market profit and loss settlement amount.

$$\text{Settled amount for mark-to-market profit \& loss on day } T = V_T - \exp\left(\frac{ONrate \times day}{Basis}\right) \times V_{T-1}$$

day equals the calendar days from the current day to the next business day;

V_{T-1} is the mark-to-market value calculated on the previous day.

The mark-to-market profit and loss settlement amount shall be received and paid

on the next business day on the day of calculation.

6.5.3 Special margin

Special margin trigger events mainly include three types: abnormal exchange rate fluctuations in the FX market, continuous holidays and members' default. When any of the above situation occurs, SHCH may require the CMs to pay a special margin.

Trigger event 1: abnormal exchange rate fluctuations in the FX market.

SHCH monitors the exchange rate fluctuations of RMB against foreign currencies in the FX market every day. When the exchange rate fluctuates abnormally, SHCH is entitled to require the addition of a special margin according to the actual situation.

$$\text{Special margin requirement} = \text{Max} (\text{VaR}_1, \text{VaR}_2, \text{VaR}_3) \times \text{special margin factor}_{\text{ex-rate}} \times C$$

$\text{special margin factor}_{\text{ex-rate}}$ is determined by SHCH according to the exchange rate fluctuations in the FX market.

Trigger event 2: consecutive holidays

In the case of consecutive holidays, SHCH shall require the CMs to pay a special margin on the last business day before the holidays.

$$\text{Special margin requirement} = \text{Max} (\text{VaR}_1, \text{VaR}_2, \text{VaR}_3) \times \text{special margin factor}_{\text{holidays}} \times C$$

Where $\text{special margin factor}_{\text{holidays}}$ is determined by SHCH according to the duration of the holidays.

Trigger event 3: member default

$$\text{Special margin requirement} = \text{risk exposure of cleared but not settled position} \times \text{special margin factor}_{\text{position cleared but not settled}} \times C$$

where $\text{special margin factor}_{\text{position cleared but not settled}}$ is determined by SHCH according to the near end exchange rate change element.

If more than one trigger event occurs at the same time, the special margin

requirements caused by different trigger events shall be added up for a total special margin requirement.

6.6 Rules for holidays

1. RMB/FX spot transactions

After completing the confirmation of holidays, settlement dates and other information, SHCH will announce the holiday information of each currency for the next year through the SHCH official website at the end of each year.

The main provisions on the settlement date of RMB/FX spot transactions affected by holidays are as follows:

(1) The settlement day for each trading currency is calculated separately, and settlement days of all currencies are delayed to the next working day if the value date is a holiday. If trading currencies have different settlement days which are carried out respectively from the above calculation method, then actual settlement day shall be delayed to first working day on which all trading currencies could be settled.

(2) The settlement date of RMB/USD T+2 transactions shall not be affected if T+1 is a USD holiday. The settlement days of RMB/ EUR, GBP, HKD, JPY and AUD T+2 transactions will be delayed to the next working day if T+1 is a holiday for any trading currency pairs.

(3) If T+2 is a USD holiday, the settlement date of RMB/FX T+2 transactions shall be postponed to the next working day.

(4) Saturdays and Sundays, which are adjusted to business days according to the national regulations, shall still be treated as RMB holidays.

(5) Transactions with the same settlement date on different trading days shall be netted in clearing.

2. RMB/FX forward and swap transactions

At the end of each year, SHCH issues to the market the holiday information of various currencies in the interbank market for the next year, and adjusts the settlement date of RMB/FX forwards and swaps that cannot be cleared normally due to the

holidays. If the settlement date of the FX forward swap transaction falls within the newly announced holiday of either currency pair, the settlement date will be postponed to the next business day. However, if the next business day is extended to the next month, the settlement date will be advanced to the previous business day. Except for the settlement day, other elements for clearing are not changed. The change and revision of the rules related to the settlement date of this service shall be issued by SHCH.

3. RMB/FX options transactions

According to the holiday information issued at the end of each year, SHCH adjusts the relevant dates of RMB/FX option transactions that cannot be cleared normally due to the impact of holidays in accordance with the following rules:

(1) the payment date of the option premiums: if the payment date of the option premiums falls within the newly announced RMB holiday, the payment date of the option premiums shall be postponed to the next working day.

(2) option delivery date: if the option delivery date is within the newly announced holiday of either currency in the trading currency pair, the delivery date will be delayed to the next working day, but if the next working day spans to the next month, the delivery date will be advanced to the earlier working day.

(3) option exercise date: if the option exercise date is within the newly announced RMB holiday, the option exercise date will be advanced to the earlier working day; in the case of USD holidays, the option exercise date will not be affected.

4. Intra-year temporary holiday adjustments

SHCH issues the intra-year temporary holiday adjustments information for countries or regions whose currencies are involved in interbank FX market clearing. Adjustments for settlement days are conducted according to relevant rules applicable to year-end adjustments for settlement days.

Appendix

A-3 Information Form of Application for CCP Clearing Services of SHCH
(proprietary)

B-2 Information Form of Application for CCP Clearing Services of SHCH (client)

B-4 SHCH CCP clearing Service for Client Information Form (client)

C-1 SHCH Clearing Member Information Change Registration Form

C-2 Registration Form for Information Change of Non-Clearing Member

Information Form of Application for CCP Clearing Services of SHCH

(proprietary)

Full name of clearing member: (Chinese; needs to be consistent with CFETS and SHCH)

(English; needs to be consistent with CFETS and SHCH)

Abbreviation of clearing member: (Chinese; needs to be consistent with CFETS and SHCH)

(English; needs to be consistent with CFETS and SHCH)

Account number of clearing member (7-digit code)

Membership code of National Interbank Lending Center (21-digit code)

1. applied services						
☐ Bond (☐ spot bond; ☐ pledged repo; ☐ outright repo; ☐ general collateral repo); ☐ interest rate swap; ☐ RMB FX (☐ spot; ☐ forward; ☐ swap; ☐ option; ☐ T+1(spot); ☐ T +1(swap); ☐ T+1(option); ☐ long-term forward; ☐ long-term swap) ☐ G10 (☐ EUR/USD ☐ USD/JPY ☐ USD/HKD ☐ AUD/USD ☐ GBP/USD) ☐ FX anonymous (☐ RMB FX anonymous; ☐ foreign currency pair anonymous); ☐ standard bond forwards; ☐ credit default swaps; ☐ commodity derivatives; ☐ others						
2. applicant institution contact information (service contact)						
Name	Depart ment and title	CCP clearing services Training certificate number	Cellphone	Fax	Email	Duty
						Including but not limited to trading/clearing and settlement /margin and clearing funds, etc.
						Including but not limited to trading/clearing and

						settlement /margin and clearing funds, etc.
						Including but not limited to trading/cl earing and settlement /margin and clearing funds, etc.
						Including but not limited to trading/cl earing and settlement /margin and clearing funds, etc.
						Including but not limited to trading/cl earing and settlement /margin and clearing funds, etc.
3. Client terminal administrator information						
Name	Login name	ID number	CCP clearing services Training certificate number		Cellphone	

CFCA certificate serial number	shared: (please fill in existed serial number)				
	newly opened				
Notes: 1. Two or above administrators are required; 2. For login name: please fill in English characters or a combination of English characters and numbers (case sensitive); length should be between 4-12 characters; 3. "CFCA certificate serial number": if "shared" is checked, please fill in the certificate serial number that begins with "041", for example: 041@712345678-X@shchcs@000000001; if "newly opened" is checked, please download and fill in the enterprise certificate application form: https://www.shclearing.com.cn/cpyyw/czxzjzn/detail_38.html?productDocClient/detail/40285281688bb7ba01688c9b18e30034; 4. The FX anonymous service does not need to fill in the client terminal administrator information					
4. Information for designating or opening an account					
RMB cash settlement account (choose either of the two alternatives)	☐ Clearing account opened in the HVPS	Account Name			
		Bank code			
		Account number			
	☐ Cash settlement account opened at SHCH	☐ opening a new dedicated account	Fund transfer account number		
			Fund transfer account name		
			Deposit bank code for fund transfer		
			Deposit bank name for fund transfer		
		☐ use the existing fund special account (same as the original method)	Account number		
Account name					
Note: if choose the clearing account opened in the HVPS, please fill in the bank number, account number and account name of the high value account; if select the account for cash settlement opened in SHCH, please check the corresponding special account opened in SHCH, and fill in the bank number, account number and account name opened in the commercial bank for cash transactions.					
5. Information on the method of margin withdrawal					
Account Name					
Bank code					
Account number					
☐ shared with RMB cash settlement method (if checked, do not need to fill in the account name in 5, and will be treated same as the RMB cash					

settlement account by default)				
6. Information on the withdrawal method of the default fund				
Account Name				
Bank code				
Account number				
☐ shared with RMB cash settlement method (if checked, do not need to fill in the account name in 6, and will be treated same as the RMB cash settlement account by default)				
The following information shall be filled in by the institution applying for the RMB FX transaction CCP clearing service:				
principal settlement account information				
FOREIGN CURRENCIES	Member SWIFT BIC CODE			
	USD	☐ FX settlement bank (☐ Bank of China ☐ China Construction Bank)		
		☐ CFXPS	Member identification	
			Member name	
			Account number	
			Account name	
	FX settlement bank in other currencies			
RMB	☐ initiatively debited			
Margin account information				
Margin payment currency information				
Initial margin		☐ RMB; ☐ USD		
Variation margin		☐ RMB; ☐ USB; (currently only RMB is available for selection)		
USD Margin	Deposit bank	Name		
		SWIFT BIC CODE		
	Account number			
	Intermediary bank SWIFT BIC CODE			
RMB margin method selection		☐ automatic return; ☐ automatic debit (☐ initial margin included)		
Clearing fees method selection		☐ automatic debit (☐ shared with RMB principal settlement method)		
The following information shall be filled in by the institution applying for the G10 transaction CCP				

clearing service :		
FX principal clearing account information		
USD	Member SWIFT BIC CODE	
	Deposit Bank Name	
GBP	Deposit Bank Name	
EUR	Deposit Bank Name	
JPY	Deposit Bank Name	
AUD	Deposit Bank Name	
HKD	Deposit Bank Name	
Margin account information		
Margin payment currency information		
Initial margin		☐ RMB; ☐ USD
Variation margin		☐ RMB; ☐ USD; (currently only RMB is available for selection)
USD Margin	Deposit bank	Name
		SWIFT BIC CODE
	Account number	
	Intermediary bank SWIFT BIC CODE	
RMB margin method selection		☐ automatic return; ☐ automatic debit (☐ initial margin included)
Clearing fees method selection		☐ automatic debit (☐ shared with RMB principal settlement method)
The following information shall be filled in by the institution applying for the FX anonymous clearing service :		
☐ RMB FX anonymous clearing account; ☐ foreign currency anonymous clearing account		
Member SWIFT BIC CODE		
Types of payment currency		☐ RMB; ☐ USD
RMB ¹⁷	Deposit Bank Code	
	Deposit Bank Name	
	Receipt Account Number	
	Receipt Account Name	
USD	Deposit Bank Name	(Chinese)
		(English)
	Account No.	(Account information of the applicant institution in the

¹⁷ The RMB payment method only supports the RMB HVPS.

		deposit bank, same below)	
	Swift Bic Code of Deposit Bank		
	Intermediary bank SWIFT BIC CODE		
HKD	Deposit Bank Name	(Chinese)	
		(English)	
	Account No.		
	Swift Bic Code of Deposit Bank		
	Intermediary bank SWIFT BIC CODE		
JPY	Deposit Bank Name	(Chinese)	
		(English)	
	Account No.		
	Swift Bic Code of Deposit Bank		
	Intermediary bank SWIFT BIC CODE		
EUR	Deposit Bank Name	(Chinese)	
		(English)	
	Account No.		
	Swift Bic Code of Deposit Bank		
	Intermediary bank SWIFT BIC CODE		
GBP	Deposit Bank Name	(Chinese)	
		(English)	
	Account No.		
	Swift Bic Code of Deposit Bank		
	Intermediary bank SWIFT BIC CODE		
MYR	Deposit Bank Name	(Chinese)	
		(English)	
	Account No.		
	Swift Bic Code of Deposit Bank		
	Intermediary bank SWIFT BIC CODE		
RUB	Deposit Bank Name	(Chinese)	
		(English)	

	Account No.	
	Swift Bic Code of Deposit Bank	
	Intermediary bank SWIFT BIC CODE	
NZD	Deposit Bank Name	(Chinese)
		(English)
	Account No.	
	Swift Bic Code of Deposit Bank	
	Intermediary bank SWIFT BIC CODE	
CHF	Deposit Bank Name	(Chinese)
		(English)
	Account No.	
	Swift Bic Code of Deposit Bank	
	Intermediary bank SWIFT BIC CODE	
AUD	Deposit Bank Name	(Chinese)
		(English)
	Account No.	
	Swift Bic Code of Deposit Bank	
	Intermediary bank SWIFT BIC CODE	
CAD	Deposit Bank Name	(Chinese)
		(English)
	Account No.	
	Swift Bic Code of Deposit Bank	
	Intermediary bank SWIFT BIC CODE	
SGD	Deposit Bank Name	(Chinese)
		(English)
	Account No.	
	Swift Bic Code of Deposit Bank	
	Intermediary bank SWIFT BIC CODE	
7. Application for clearing limit		
Relevant clearing limit application information shall be filled in according to the type of applied services		
Interest Rate Swap	applied limit for risk exposure	

Standard Bond Forward	applied clearing limit				
Bond CCP	limit for risk exposure				
	general collateral repo finance limit available				
RMB FX transaction CCP	limit for risk exposure (USD)				
G10 transaction CCP	limit for risk exposure (USD)				
FX anonymous transactions	RMB FX clearing limit (USD)				
	Foreign currency pairs clearing limit (USD)				
CDS	applied limit for risk exposure				
Commodity derivatives	applied clearing limit				
Others ()					
Application descriptions					
8. Position limit application (only for commodity derivative services) Please apply for the limit in accordance with the actual situation					
No.	Type of limit	Applied limit	No.	Type of limit	Applied limit
9. VAT invoice information (CMs)					
Institutions applying for the service for the first time shall submit the VAT invoice information following the notice below: https://www.shclearing.com.cn/cpyyw/czxzjzn/detail_38.html?productDocClient/detail/40285281760dfdc801761c0671f810bf (The VAT special invoice can be invoiced in paper, and the VAT general invoice is electronic)					

Official seal:

Date: _____

Information Form of Application for CCP Clearing Services of SHCH

(client)

Full name of general clearing member: (Chinese; needs to be consistent with CFETS and SHCH)

(English; needs to be consistent with CFETS and SHCH)

Abbreviation of general clearing member: (Chinese; needs to be consistent with CFETS and SHCH)

(English; needs to be consistent with CFETS and SHCH)

Account number of general clearing member (7-digit code)

Membership code of National Interbank Lending Center (21-digit code)

1. applied services						
☐ Bonds (☐ cash bonds; ☐ pledged repo; ☐ outright repo; ☐ general collateral repo) ☐ interest rate swaps; ☐ RMB FX (☐ spot; ☐ forward; ☐ swap; ☐ option; ☐ T+1(spot); ☐ T+1(swap); ☐ T+1(option); ☐ long-term forward; ☐ long-term swap); ☐ G10 (' ☐ EUR/USD; ☐ USD/JPY; ☐ USD/HKD; ☐ AUD/USD; ☐ GBP/USD); ☐ Standard bond forwards; ☐ credit default swaps; ☐ commodity derivatives ☐ Others (____)						
2. applicant institution contact information (service contact)						
Name	Department and title	CCP clearing services Training certificate number	Cellphone	Fax	Email	Duty
3. Client terminal administrator information						
Name	Login name	ID number	CCP clearing training certificate number	Cellphone		
CFCA certificate serial number		shared: (please fill in existing serial number)				
		newly opened				

Notes: 1. Two or above administrators are required;

2. For login name: please fill in English characters or a combination of English characters and numbers (case sensitive); length should be between 4-12 characters;

3. "CFCA certificate serial number": if "shared" is checked, please fill in the certificate serial number that begins with 041@712345678-X@shchcs@00000001; if "newly opened" is checked, please download and fill in the enterprise certificate application form
https://www.shclearing.com.cn/cpyy/czxjzn/detail_38.html?productDocClient/detail/40285281688bb7ba01688c9b18e30034

4. Information for designating or opening an account

RMB settlement account (choose either of the two alternatives)	☐ Clearing account opened in the HVPS	Account Name			
		Bank code			
		Account number			
	☐ Cash settlement account opened at SHCH	☐ opening a new dedicated account	Fund transfer account number		
			Fund transfer account name		
			Deposit bank code for fund transfer		
			Deposit bank name for fund transfer		
		☐ use the existing fund special account (same as the original method)	Account number		
Account name					

Note: if choose the clearing account opened in the HVPS, please fill in the bank number, account number and account name of the high value account; if select the account for cash settlement opened in SHCH, please check the corresponding special account opened in SHCH, and fill in the bank number, account number and account name opened in the commercial bank for cash transactions.

5. Information on the method of margin withdrawal

Account Name	
Bank code	
Account number	

☐ shared with RMB cash settlement method
 (if checked, do not need to fill in the account name in 5, and will be treated same as the RMB cash settlement account by default)

The following information shall be filled in by the institution applying for RMB FX CCP clearing service:

principal settlement account information				
FOREIGN CURRENCIES	Member SWIFT BIC CODE			
	USD	☐ FX settlement bank (☐ Bank of China ☐ China Construction Bank)		
		☐ CFXPS	Member identification	
			Member name	
			Account number	
	Account name			
FX settlement bank in other currencies				
RMB	☐ Automatic debit			
Margin account information				
Margin payment currency information				
Initial margin ☐ RMB; ☐ USD				
Variation margin ☐ RMB; ☐ USD (currently only RMB is available for selection)				
USD Margin	Deposit bank	Name		
		SWIFT BIC CODE		
	Account number			
	Intermediary bank SWIFT BIC CODE			
RMB margin method selection			☐ automatic return; ☐ automatic debit (☐ initial margin included)	
Clearing fees method selection			☐ automatic debit (☐ shared with RMB fund settlement method)	
The following information shall be filled in by the institution applying for the G10 transaction CCP clearing service :				
FX principal clearing account information				
Foreign Currencies	Member SWIFT BIC CODE			
	USD Deposit Bank Name			
	EUR Deposit Bank Name			
	GBP Deposit Bank Name			
	JPY Deposit Bank Name			

		AUD Deposit Bank Name			
		HKD Deposit Bank Name			
Margin account information					
Margin payment currency information					
Initial margin		☐ RMB; ☐ USD			
Variation margin		☐ RMB; ☐ USB; (currently only RMB is available for selection)			
USD Margin	Deposit bank	Name			
		SWIFT BIC CODE			
	Account number				
	Intermediary bank SWIFT BIC CODE				
RMB margin method selection		☐ automatic return; ☐ automatic debit (☐ initial margin included)			
Clearing fees method selection		☐ automatic debit (☐ shared with RMB principal settlement method)			
6. Application for clearing limit Relevant clearing limit application information shall be filled in according to the type of applied services					
Interest Rate Swap		applied limit for risk exposure			
Standard Bond Forward		applied clearing limit			
Bond CCP		limit for risk exposure			
		general collateral repo finance limit available			
RMB FX CCP		limit for risk exposure (USD)			
G10 CCP		limit for risk exposure (USD)			
FX anonymous price		RMB FX clearing limit (USD)			
		Foreign currency pairs clearing limit (USD)			
CDS		applied limit for risk exposure			
Commodity derivatives		applied clearing limit			
Others (_____)					
Application descriptions					
7. Position limit application (only for commodity derivative services) Please apply for the limit in accordance with the actual situation					
No.	Type of limit	Applied limit	No.	Type of limit	Applied limit

8. methods of netting

The following information shall be filled in by institutions applying for RMB FX CCP services

☐ proprietary and client separate netting (by default) ☐ proprietary and client combined netting

The following information shall be filled in by institutions applying for G10 CCP services

☐ proprietary and client separate netting (by default) ☐ proprietary and client combined netting

Official seal:

Date: _____

SHCH CCP clearing Service for Client Information Form (Client)

Business	☐ Bond (☐ cash bond; ☐ pledged repo; ☐ outright repo; ☐ general collateral repo); ☐ RMB FX (☐ spot; ☐ forward; ☐ swap; ☐ option; ☐ T+1(spot); ☐ T+1(swap); ☐ T+1(option); ☐ long-term forward; ☐ long-term swap); ☐ G10 (☐ EUR/USD; ☐ USD/JPY; ☐ USD/HKD; ☐ AUD/USD; ☐ GBP/USD); ☐ interest rate swaps; ☐ standard bond forward; ☐ credit default swap; ☐ commodity derivatives; ☐ others		
Full name of GCM		Client business seal for GCM	
Account number of general clearing member (7-digit code)	(fill in the bond netting general clearing member's account number)		
General clearing member code	Only needed for commodity derivatives services		
1. basic information of applicant institutions (non-clearing members)			
Full name of non-clearing members	(Chinese; needs to be consistent with CFETS and SHCH)		
Full name of non-clearing members	(English; needs to be consistent with CFETS and SHCH)		
Abbreviation for non-clearing members	(Chinese; needs to be consistent with CFETS and SHCH)		
Abbreviation for non-clearing members	(English; needs to be consistent with CFETS and SHCH)		
Account number of non-clearing members (7-digit code)			
Membership code of National Interbank Lending Center (21-digit code)			
Address			
Address for correspondence			
Unified social credit code (onshore institutions)			

Financial license number	(including: financial business license; securities business license; fund management qualification certificate; insurance company legal person license; insurance asset management company legal person license; others)	
Institution type of the non-clearing members (for first-time registration)	☐ special account	☐ Other special institutions
	☐ Deposit banking financial institutions	☐ State- owned large commercial banks; ☐ joint-stock commercial banks; ☐ city commercial banks; ☐ housing savings bank; ☐ private bank; ☐ rural commercial bank ; ☐ rural cooperative bank ; ☐ rural bank; ☐ foreign legal person bank; ☐ onshore branches of foreign and Hong Kong, Macau and Taiwan bank; ☐ city credit cooperative; ☐ rural credit cooperative; ☐ rural mutual fund; loan company specializing in agriculture, rural areas and farmers; ☐ others
	☐ Policy banks and China Development Banks	☐ Policy banks; ☐ development financial institution
	☐ Non-bank financial institutions	☐ enterprise group finance companies; ☐ trust companies; financial leasing companies; ☐ financial asset management companies; ☐ auto finance companies; ☐ consumer finance companies; ☐ specially authorized institutions; ☐ credit rating company; ☐ credit enhancement agency; ☐ others
	☐ Securities financial institutions	☐ Securities companies; ☐ subsidiary of securities company; ☐ futures companies; ☐ subsidiary of futures companies; ☐ other securities financial institutions
	☐ Fund management companies	☐ Public securities investment fund management company; ☐ subsidiary of public securities investment fund management company ; ☐ other fund

		management company
	☐ Insurance financial institutions	☐ Insurance group (holding) company; ☐ property insurance company ; ☐ life insurance company ; ☐ insurance asset management companies; ☐ insurance brokers; ☐ other insurance financial institutions
	☐ Non-financial institution corporate	☐ Non-financial corporation; ☐ others
	☐ Onshore Unincorporated products	☐ Bank wealth management products; ☐ trust company asset management products; ☐ public offering of securities investment funds; ☐ asset management products of securities companies and their subsidiaries; ☐ special accounts for fund management companies and their subsidiaries; ☐ asset management products of futures companies and their subsidiaries; ☐ private investment fund; ☐ insurance asset management products; ☐ asset management products of financial asset investment companies; ☐ other asset management products; ☐ others
	☐ Foreign institutions	☐ Overseas government agencies; ☐ overseas banking financial institutions; ☐ overseas securities company ; ☐ overseas fund company ; ☐ overseas insurance company; ☐ overseas pension fund (legal person) ; ☐ other medium and long-term legal person investors of foreign institutions ; ☐ overseas

		non-financial enterprises ; ☐ others	
2. Application for clearing limit and other risk management parameters			
☐ Interest rate swap client service			
Risk exposure limit for non-clearing members			
EFFECTIVE DATE			
Adequacy ratio for margins ¹⁸ (%)			
EFFECTIVE DATE			
☐ Credit default swap service			
Risk exposure limit for non-clearing members			
EFFECTIVE DATE			
Adequacy ratio for margins ¹⁹ (%)			
EFFECTIVE DATE			
☐ Standard bond forward client service			
Clearing limit for non-clearing members (RMB 10 million)		Tolerance for non-clearing members (RMB)	
EFFECTIVE DATE			
☐ Bond CCP client service			
Risk exposure limit for non-clearing members			
Adequacy ratio for margins ²⁰ (%)			
general collateral repo			

¹⁸ If the field is vacant, SHCH deems it to be 100% by default.

¹⁹ If the field is vacant, SHCH deems it to be 100% by default.

²⁰ If the field is vacant, SHCH deems it to be 100% by default.

financing upper limit						
general collateral repo available financing upper limit						
general collateral repo finance limit available						
general collateral repo available financing tolerance						
Initial / adjustment setting for non-clearing members						
☐ RMB FX CCP clearing client service						
Threshold of risk exposure for non-clearing members (USD)						
Risk exposure tolerance for non-clearing members (optional)						
Effective date						
☐ G10 CCP clearing client service						
Threshold of risk exposure for non-clearing members (USD)						
Risk exposure tolerance for non-clearing members (optional)						
Effective date						
☐ Commodity Derivatives CCP clearing client services						
non-clearing members clearing limit						
Position limit	No.	Type of limit	Applied limit	No.	Type of limit	Applied limit

3. Service operation application (only for bond and FX services)						
Client clearing confirmation methods (for bond service)		☐ case-by-case confirmation ☐ excess confirmation ☐ default confirmation to all				
Client clearing confirmation methods (for RMB FX CCP service)		☐ case-by-case confirmation ☐ default confirmation to all				
Client clearing confirmation methods (for G10 CCP service)		☐ case-by-case confirmation ☐ default confirmation to all				
Note: The client clearing confirmation methods of non-clearing members are set by GCMs.						
4. account information (only for FX services)						
The following information shall be filled in by the institution applying for RMB FX CCP clearing service:						
Margin payment currency information						
Initial margin		☐ RMB; ☐ USD				
Variation margin		☐ RMB; ☐ USD (only RMB is available for selection)				
Margin account information						
USD Margin	Deposit bank	Name				
		SWIFT BIC CODE				
	Account number					
	Intermediary bank SWIFT BIC CODE					
	GCM SWIFT BIC CODE					
RMB Margin	Payment method		☐ automatic debit (☐ initial margin account; ☐ variation margin account)			
	Payment deposit bank number					
	Payment deposit bank name					
	Payment account number					
	Payer name					
The following information shall be filled in by the institution applying for G10 CCP clearing service:						

Margin payment currency information						
Initial margin		☐ RMB; ☐ USD				
Variation margin		☐ RMB; ☐ USD (only RMB is available for selection)				
Margin account information						
USD Margin	Deposit bank	Name				
		SWIFT BIC CODE				
	Account number					
	Intermediary bank SWIFT BIC CODE					
	GCM SWIFT BIC CODE					
RMB Margin	Payment method		☐ automatic debit (☐ initial margin account; ☐ variation margin account)			
	Payment deposit bank number					
	Payment deposit bank name					
	Payment account number					
	Payer name					
5. Non-clearing members personnel information						
Name	Department and title		Cellphone	Fax	Email	Remarks
Commitment of the applicant institutions						
1. The applicant guarantees that all the information provided is true, complete and accurate. 2. The applicant authorizes SHCH to automatically debit and credit the accounts provided by the applicant in the CCP clearing business. Handled by: Tel: Cellphone: Email: Note: 1. please fill in the form, print, sign and seal; 2. At least 2 contact persons information should be provided in a complete and accurate manner. 3. The account number of the general clearing member is the account number of the general clearing member in						

SHCH system.

4. The account number of the non-clearing member is the account number of the non-clearing member in SHCH system.

SHCH Clearing Member Information Change Registration Form

Clearing member name (in full)	
Clearing member holder account number (7-digit code)	
Clearing member code	(Only needed for commodity derivatives services)
Clearing member Swift BIC Code	(change of account path for FX services needs to fill in)
Services engaged	☐ Bond (☐ cash bond; ☐ pledged repo; ☐ outright repo; ☐ general collateral repo); ☐ RMB FX (☐ spot; ☐ forward; ☐ swap; ☐ option; ☐ T+1(spot); ☐ T+1(swap); ☐ T+1(option); ☐ long-term forward; ☐ long-term swap); ☐ G10 (☐ EUR/USD; ☐ USD/JPY; ☐ USD/HKD; ☐ AUD/USD; ☐ GBP/USD); ☐ FX anonymous (☐ RMB FX anonymous; ☐ foreign currency pair anonymous); ☐ interest rate swap ☐ Standard bond forwards; ☐ credit default swaps; ☐ commodity derivatives ☐ Others (____)
Types of business	☐ proprietary; ☐ client
Item of change	Change of basic information ☐ Personnel information of the applicant organization (information after the change should include: name, user name, contact number, email address, etc.). ☐ Cancellation or addition of the client terminal administrator information (information after the change should include: user name, user ID, contact number, ID number). ☐ Password reset of the client terminal administrator (information after the change should include: user name, user ID; if you need to unlock the password and reset, please indicate that the password after reset is the initial password) ☐ Account information (change elements of FX account information should include: intermediate bank name (if any), account deposit bank SWIFT BIC CODE, institution account number opened in the deposit bank; if the foreign currency account is a USD account in CFXPS, please clarify member identification, member name, account number and account name when making adjustments; RMB account information change elements include: account name,

bank number, and account number). ☐ Expense invoice sending information (only applicable to changing invoice sending information, not collecting information). ☐ Changing the name of the organization (information after the change should include: full name, abbreviation, settlement fund method, withdrawal method). ☐ Others (_____)				
Change of CFCA certificate information				
☐ CFCA certificate renewal (☐ New UKEY ☐ Do not need UKEY) Certificate CN: _____				
☐ CFCA certificate supply again (☐ New UKEY ☐ Do not need UKEY) Certificate CN: _____				
☐ CFCA certificate re-issuance (Do not need UKEY) Certificate CN: _____				
☐ CFCA certificate Unlock (Do not need UKEY) Certificate CN: _____ UKEY serial number: _____				
☐ CFCA certificate cancellation Certificate CN: _____				
☐ Others (____)				
Handler's information	Name		Tel	
	Email			
UKEY receipt information	Name		Tel	
	Address		Postcode	
Change of administrator ☐ New application ☐ Cancellation ☐ Password reset User ID _____ User Name _____ Certificate CN: _____				
Relevant changes in risk management parameters ☐ clearing limit ☐ margin adequacy ratio (client business only) ☐ Client confirmation method (after the change, the types of services should be clearly defined as: FX CCP clearing , net bond clearing, interest rate swaps, credit default swaps; confirmation methods are: default confirmation, case-by-case confirmation, excess confirmation or others) ☐ Asset currency replacement for initial margin paid (information before and after the change should include: currency, amount) ☐ Single product position limit ☐ Position limit for second maturity month of a single product; Position limit for maturity month of a single product. ☐ Intraday tolerance ☐ Others (____)				
Fund method related change (if automatic debited or not) ☐ RMB principal method				

	☐ RMB margin method (☐ initial margin account; ☐ variation margin account) ☐ Clearing fees method ☐ Standard Bond Forward Physical Delivery Funds Settlement Path Fund method related change (if automatic returned or not) ☐ RMB margin method (☐ initial margin account; ☐ variation margin account) ☐ Others (_____)
Original information	
Information after the change	
Change effective time	(optional, optional, subject to the actual receipt of the original)
Description of change	
Fill in below only when changing "account information" for "new cash settlement special account" and "Standard Bond Forward Physical Delivery Funds Settlement Path". Our company applies to open a special account for cash settlement with your company (for ____business only) and makes the following authorization: Authorization 1: authorizing your company to conduct direct debit or credit based on the results of end-of-day clearing. Authorization 2: authorizing your company to directly debit our business settlement funds and related taxes and fees arising from ____service through special cash settlement account (for ____service only) without prior notice; We promise that the "cash settlement special account" will be our business settlement funds transfer account and collection account for withdrawal of settlement funds for ____service. When selecting the change item as "CFCA Certificate Renewal," "CFCA certificate supply again", "CFCA Certificate Re-issuance," make the following commitments: Our company entrusted the Shanghai Clearing House on behalf of my company to China Financial Certification Center (CFCA) to apply for digital certificates. Our company agrees to submit the enterprise name, enterprise code and other enterprise information to apply for the digital certificate to CFCA, and promises that the above information is true and valid. Our company knows that the digital certificate will bind the identity information of the enterprise, and through the electronic signature made by it represents the true meaning of our company, and the data message through electronic signature knows and approves the contents contained therein on my unit's behalf. Our company has carefully read the CFCA Digital Certificate Service Agreement, the Safety Tips for Using Digital CFCA Certificate, and the Electronic	

Authentication Business Rules issued by the official website of CFCA.COM.CN, our company will accept and be willing to abide by all of the above terms.			
Terms of commitment			
1. Our company ensures that all the information provided is authentic, complete and accurate. 2. In case of any violation of the relevant rules and regulations regarding clearing membership management of SHCH, our company will bear all the consequences and legal liabilities arising therefrom. Institution signing and seal: Date: _____			
Handled by		Telephone	
		E-mail	

Note: if the following circumstances occur to the clearing member, it should fill in this form within 5 business days, affix an effective seal (double-sided printing or seal stamped in the middle of two pages) and submit it to the Member Services Department of SHCH:

(1) Major qualification changes such as institutional restructuring, reorganization, division, merger, etc.

(2) Where there is a change in the basic information of the legal representative, shareholder(s), registered cash, business personnel, etc.

Events related to the engaged CCP clearing service, such as legal disputes, commercial cases, administrative penalties, etc.

Registration Form for Information Change of Non-Clearing Member

Full name of General Clearing Member General Clearing Member client service seal

General Clearing Member account __ __ for bond netting client service, the bond netting general clearing member account needs to be filled. For other business, the general clearing member account needs to be filled.

General Clearing Member code __ __ only needed for commodity derivatives business.

Change of Reporting Information	
Full name of the non-clearing member	If it is a batch adjustment for a single item, fill in " Attached form "
Abbreviation of non-clearing member	If it is a batch adjustment for a single item, fill in " Attached form "
non-clearing member account number	If it is a batch adjustment for a single item, fill in " Attached form "
Clearing participant code	Only needed for commodity derivatives services. If it is a batch adjustment for a single item, fill in " Attached form "
Services engaged	☐ Bonds (☐ cash bonds; ☐ pledged repo; ☐ outright repo; ☐ general collateral repo) ☐ RMB FX (☐ spot; ☐ forward; ☐ swap; ☐ option; ☐ T+1 (spot) ; ☐ T+1(swap); ☐ T+1(option); ☐ long-term forward; ☐ long-term swap); ☐ G10 (☐ EUR/USD; ☐ USD/JPY; ☐ USD/HKD; ☐ AUD/USD; ☐ GBP/USD); ☐ interest rate swaps; ☐ standard bond forward; ☐ credit default swap ☐ commodity derivatives; ☐ others
Item of change (If it is a batch adjustment for a single item, fill in " Attached form ")	☐ Basic information of the applicant organization (the information after the change should include: name, user name, contact number, email address, etc.). ☐ clearing limit ☐ Client relationship ☐ Inquiry access for bond netting ☐ Account information (change elements of FX account information include: intermediate bank name, deposit bank SWIFT BIC CODE, account number of the institution in deposit bank; RMB account information change elements include: account name, line number, and account number). ☐ non-clearing member personnel information ☐ single product position limit ☐ Position limit for second maturity month of a single product

	☐ position limit for maturity month of a single product. ☐ RMB principal method (if automatic debited) ☐ RMB principal method (if automatic debited; ☐ initial margin account; ☐ variation margin account) ☐ Clearing fees method (if automatic debited or not) ☐ Standard Bond Forward Physical Delivery Funds Settlement Path ☐ Others (____)				
	Change of CFCA certificate information				
	☐ CFCA certificate renewal (☐ New UKEY ☐ Do not need UKEY) Certificate CN: _____				
	☐ CFCA certificate supply again (☐ New UKEY ☐ Do not need UKEY) Certificate CN: _____				
	☐ CFCA certificate re-issuance (Do not need UKEY) Certificate CN: _____				
	☐ CFCA certificate Unlock (Do not need UKEY) Certificate CN: _____ UKEY serial number: _____				
	☐ CFCA certificate cancellation Certificate CN: _____				
	☐ Others (____)				
	Handler's information	Name		Tel	
		Email			
	UKEY receipt information	Name		Tel	
		Address		Postcode	
	Change of administrator ☐ New application ☐ Cancellation ☐ Password reset User ID _____ User Name _____ Certificate CN: _____				
Original information	Change item 1: newly added scope of service (information before change: FX spot, forward, swap, option, T+1(spot), T+1(swap), T+1(option)) Change item 2: fund method related change (information before change: not opened for RMB principal/ RMB margin/ clearing fees voluntarily debit) Change item 3: standard bond forward physical delivery fund settlement path (information before change: fund settlement account for spot bond DVP settlement) If it is a batch adjustment for a single item, fill in " Attached form "				
Information after the change	Change item 1: newly added scope of service (information after change: FX spot,				

	forward, swap, option, T+1(spot), T+1(swap), T+1(option),long-term forward, long-term swap) Change item 2: fund method related change (information after change: opened for RMB principal/ RMB margin (minimum margin/ variation margin)/ clearing fees voluntarily debit),high value payment system clearing account voluntarily debit method information: account name (**), line number (**), account number (**) Change item 3: standard bond forward physical delivery fund settlement path (information before change: fund settlement account for spot bond DVP settlement) If it is a batch adjustment for a single item, fill in " Attached form "
Change effective time	
Description of change	
If it is a batch adjustment of a single project, it should be stated: "This batch adjustment of a single project, the adjustment quantity is X."	
When selecting the change item as "CFCA Certificate Renewal," "CFCA Certificate supply again" or "CFCA Certificate re-issuance, make the following commitments: Our company entrusted the Shanghai Clearing House on behalf of my company to China Financial Certification Center (CFCA) to apply for digital certificates. Our company agrees to submit the enterprise name, enterprise code and other enterprise information to apply for the digital certificate to CFCA, and promises that the above information is true and valid. Our company knows that the digital certificate will bind the identity information of the enterprise, and through the electronic signature made by it represents the true meaning of our company, and the data message through electronic signature knows and approves the contents contained therein on my unit's behalf. Our company has carefully read the CFCA Digital Certificate Service Agreement, the Safety Tips for Using Digital CFCA Certificate, and the Electronic Authentication Business Rules issued by the official website of CFCA.COM.CN, our company will accept and be willing to abide by all of the above terms.	
Note: 1. please fill in the electronic form, print, sign and stamp; 2. The account number of the general clearing member is the account number of the general clearing member in SHCH system. 3. The account number of the non-clearing member is the account number of the non-clearing member in SHCH system. 4. If a general clearing member conducts batch reporting and adjustment of a single change item, it shall fill in "	

Attached form " in the corresponding prompt field and submit it together with the completed C-2;

5. If this registration form (including the contingent C-2 attached form) has more than 2 pages printed on both sides and more than 1 page printed on one side, it shall be stamped with a seam allowance.

Handled by: Tel: Cellphone: Email:

C-2

Attached form (only when C-2 is a batch adjustment of a single item, it
needs to be filled out and submitted)

Number	Full name of non-clearing member	Abbreviation of non-clearing member	Account number of non-clearing member	Clearing participant code	Information before change	Information after change
1				Only needed for commodity derivatives services		
2				Only needed for commodity derivatives services		

Note: 1. the number of rows in the above table can be added or removed. The number of rows other than the header part should correspond to the batch adjustment quantity, and no blank row can be left.

2. This attached form is invalid if it is submitted alone. It should be submitted together with the C-2 after it is completed.