

SDX Trading Ltd.

Reporting Guide

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1 Introduction

This document describes trades and transactions that are to be reported to SDX Trading Ltd. (SDX) and describes how the duty to report can be fulfilled using the SDX Trading Ltd. reporting infrastructure.

1.1 Rules and Regulations

The reporting office of SDX Trading Ltd. ("Reporting Office") receives and processes reports based on the following rules and regulations:

Rules and Regulations	Link
Federal Act on Financial Market Infrastructures and Market Conduct in Securities and Derivatives Trading	Financial Market Infrastructure Act (FMIA)
Ordinance on Financial Market Infrastructures and Market Conduct in Securities and Derivatives Trading	Financial Market Infrastructure Ordinance (FMIO)
Ordinance of the Swiss Financial Market Supervisory Authority on Financial Market Infrastructures and Market Conduct in Securities and Derivatives Trading	FINMA Financial Market Infrastructure Ordinance (FMIO-FINMA)
FINMA Circular 2018/2 - Duty to report securities transactions	FINMA Circular 2018/2
Federal Act on Financial Institutions	Financial Institutions Act (FinIA)
Ordinance on Financial Institutions	Financial Institutions Ordinance (FinIO)
COMMISSION DELEGATED REGULATION (EU) 2017/590 of 28 July 2016 supplementing Regulation (EU) No 600/2014 of the European Parliament and of the Council with regard to regulatory technical standards for the reporting of transactions to competent authorities	Commission Delegated Regulation (EU) 2017/590
SDX Trading Ltd. Reporting Office Rules	Reporting Office Rules
SDX Trading Ltd. Trading Rules	Trading Rules
SDX Trading Ltd. Directives	Directive 1 Admission of Participants Directive 2 Technical Connectivity Directive 3 Trading Directive 4 Market Control Directive 5 Market Information
SDX Trading Ltd. Guidelines	Guideline Trading Parameters
SDX Trading Ltd. List of Charges (for trading and for reporting fees)	List of Charges under Reporting Office Rules List of Charges under Listing and Trading Rules

Table 1 Rules & Regulations in relation to the reporting obligation

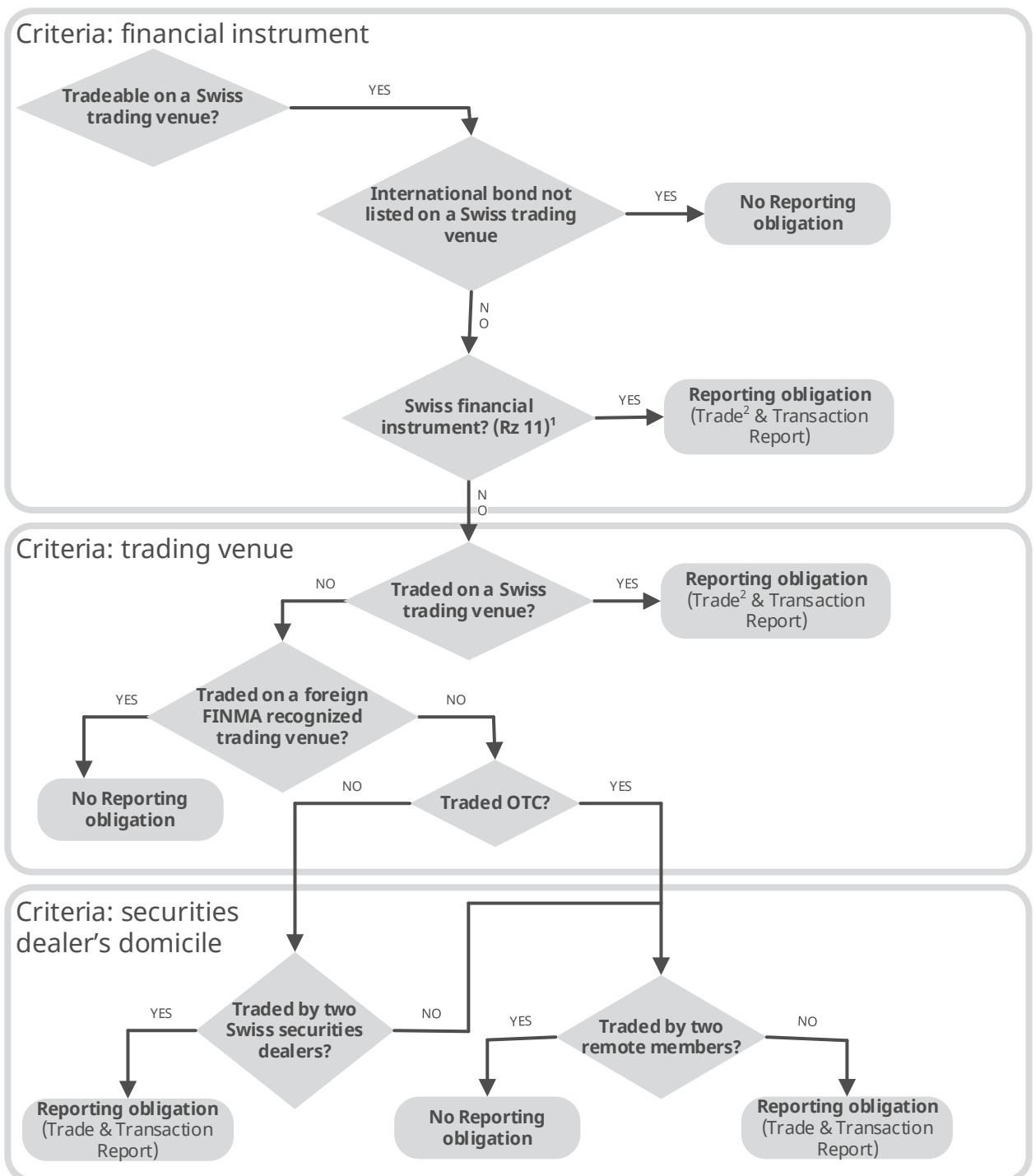
1.2 Terms and Abbreviations

Term/Abbreviation	Explanation
BIC	Business Identifier Code
BOTC	Beneficial Owner Type Code
CFI	Classification of Financial Instruments (ISO 10962:2015)
CRN	Commercial Register Number
LEI	Legal entity identifier, as specified by the Financial Stability Board of the G20 (ISO 17442:2019)
MIC	Market Identifier Code (ISO 10383)
NID	National Securities Dealer Identifier
Remote Member	Trading participant of SDX Trading Ltd. based outside Switzerland, foreign market participant
Reporting Member	Swiss securities firm who is not a trading participant of SDX Trading Ltd.
RTS 22	Regulatory technical standards under MiFIR _3rd subpara of Article 26 (9): Reporting of transactions to competent authorities
SDX	SDX Trading Ltd.
Securities firm subject to the duty to report	All securities firms who are subject to the Swiss Federal Financial Institutions Act (FinIA) are under an obligation to report
STI	Standard Trading Interface
TRI	Transaction Reporting Interface
Trading Participant	A trading participant of SDX Trading Ltd. can trade directly on the SDX trading platform
Transaction Report	Functionality to fulfil the duty to report transactions in reportable financial instruments to the SDX Trading Ltd. reporting office

1.3 References

Document Title	Applicable Reference
Off-Exchange Trade Reporting Form	Off-Exchange Trade Reporting Form
SDX Website	www.sdx.com
SSX Reporting Guide	SIX Swiss Exchange AG Reporting Guide

2 Principles of the Reporting Obligation



¹ refers to FINMA Circular 18/2 margin no. ² For an on-exchange on-order book trade, no additional trade report required

2.1 Scope of Application - Securities Firm subject to the Reporting Obligation

Securities Firms subject to the reporting obligation consist of Swiss Trading Participants, Swiss Reporting Members, Remote Members, and Foreign Branches of Swiss Securities Firms. Securities Firms subject to the reporting obligation are required to report all the information necessary to ensure a transparent market. Foreign branches of Swiss Securities Firms may fulfil their reporting obligation under the membership of their Swiss parent company. In order to do so Foreign Branches of Swiss Securities Firm must possess a separate Party ID which can be requested by contacting SDX Client Support.

2.2 Financial Instrument subject to the Reporting Obligation

Financial instruments according to FINMA Circular 2018/2 margin no 9 which are admitted to a trading venue in Switzerland are subject to reporting obligations.

2.3 Transactions subject to the Reporting Obligation

Trades and the transmissions of orders in reportable financial instruments done by Securities Firms subject to the reporting obligation as an intermediary shall be reported no matter if they were traded on- or off-exchange, executed on- or off-exchange and regardless of whether the order is on behalf of a client or for proprietary trading. In case of cross trades executed on- or off-exchange, a transaction report for each side of the trade - for the buy-and sell-side - must be submitted. A transfer in a reportable financial instrument from one custody account to another, regardless of a change of Beneficial Owner, is not subject to the reporting obligation under the terms that no Securities Firm subject to the reporting obligation took an active role in initiating the transaction/transfer. Direct client instructions to transfer financial instruments do not constitute a reportable transaction.

2.4 Trade Reporting - Transaction Reporting

The legal duty to report distinguishes between reports in terms of post-trade transparency (trade reporting) and reports in terms of traceability to ensure compliance with regulatory requirements (transaction reporting). SDX Trading Ltd. publishes the details of trade reports required to ensure the post-trade transparency of securities trading whereas transaction reports are not published. Trade reporting is only applicable to financial instruments admitted to trading on SDX Trading Ltd.

Referring to transaction reporting - alternatively to the Swiss Format according to the definition in the FINMA Circular 2018/2 margin no 31 - the duty to report securities transactions to SDX Trading Ltd. may also be fulfilled by using a full report in the European Union format as specified in the regulatory technical standards (RTS 22).

If an order has been transmitted from one Securities Firm to another, the executing firm (the Securities Firm receiving/executing the transmitted order) must provide the respective details of each (partial) execution including tradeID (TradeMatchID/TradePlaceMatchID) to the transmitting Securities Firm to enable and ensure the fulfilling of his reporting duties.

Where a transaction report relates to a trade that has been executed on SDX Trading Ltd. it must include the corresponding tradeID (TradeMatchID/TradePlaceMatchID) of SDX Trading Ltd. regardless of whether the Swiss Format or European Union format is being used.

According to FINMA Circular 2018/2 margin no 19, reports must be submitted in Swiss Francs (CHF). Nevertheless, it is possible to submit transaction reports with PriceType «1» (percent of par) and «2» (per share or contract) in any currency known to SIX Swiss Exchange Ltd. (according to Trading and Currency Holiday Calendar). SIX Swiss Exchange Ltd. will then do the conversion of the turnover into Swiss Francs (CHF).

2.4.1 Identification of the Financial Instrument Concerned

Reportable Financial Instruments	Identification
Financial instruments admitted to trading on SDX Trading Ltd.	ISIN
Financial instruments (incl. derivatives) not admitted to trading on SDX Trading Ltd.	▪ ISIN (if available) ▪ CFI Code ▪ Underlying ISIN(s) ▪ Option Type ▪ Expiration Date ▪ Strike Price Type ▪ Strike Price ▪ Leverage Indicator
Table 4 Identification of reportable financial instruments	

In case of reporting a trade/an order transmission in a reportable financial instrument not admitted to trading on SDX Trading Ltd. the underlying ISIN(s) can either be reported directly via the Transaction Report File or via a separate Underlying File.

2.4.2 Designation of the Counterparty -Transaction Reporting Swiss Format

Transaction reporting for SDX Trading Ltd. follows the same principles as the SIX Swiss Exchange. For transaction reports arising from on-exchange trades at SDX Trading Ltd. the counterparty information to be submitted is that which is provided by the exchange on the trade.

	Reportable trade / order transmission	Counterparty	ContraFirm (Sub)Type	ContraFirmSub TypeCode	ContraFirmPartyID
Transaction Report	Reportable trade in case of no post-trade anonymity	Client	CUST		
		SDX Trading Ltd. Participant / Remote Member	MEMB	MEMB	PartyID of Trading Participant / Remote Member
		SDX Trading Ltd. Reporting Member	MEMB	MEMB	PartyID of Reporting Member
		Foreign Securities Firm not subject to reporting obligation in Switzerland	EFFH	LEI, BIC or NID	LEI, BIC or NID of Foreign Securities Firm
Table 5 Designation of the counterparty					

2.4.3 Information about the Beneficial Owner - Transaction Reporting Swiss Format

For the purposes of the duty to report, the identity of the Beneficial Owner must be established in accordance with FINMA Circular 2018/2 margin no 27. The identified Beneficial Owner shall be reported according to the respective Beneficial Owner type (Natural or Juridical person or the subsidiary fallback category «Defined Special Case» (DSC)). For more detailed information, please refer to the SIX Swiss Exchange Reporting Guide ([SIX Swiss Exchange Ltd. Reporting Guide](#)).

2.4.4 OrderTransmission (in terms of FINMA Circular 2018/2 margin no. 13)

In the event a Securities Firm subject to the reporting obligation is transmitting an order to another securities firm for execution, the Securities Firm transmitting the order shall set the OrderTransmission flag «Y» (true) and enter the VenueCode «XOFF».

2.4.5 AggregatedOrder (in terms of FINMA Circular 2018/2 margin no. 14)

The AggregatedOrder flag shall be set «Y» (true) for all transaction reports originated from an aggregated order.

2.5 Reporting Infrastructure

- **On-Exchange Trade Reporting**

All trades executed on-exchange via SDX Trading Ltd. are deemed reported and are published via established market data channels.

- **Off-Exchange Trade Reporting** should be performed manually via e-mail (tradereporting@sdx.com) with the trade reporting form (PDF) in attachment. The trade reporting form template is provided to Trading and Reporting Members during the onboarding process. The form is intended for use by the members for reporting submissions and cancellations of off-exchange trades.
- **Transaction Reporting** in Swiss Format or European Union format as specified in the regulatory technical standards (RTS 22) can be fulfilled by using the Transaction Reporting Interface (TRI) of SIX Swiss Exchange Ltd. by login into the Member Section of SIX.

Securities Firms subject to the reporting obligation using the RTS 22 standard must be in possession of a valid Legal Entity Identifier (LEI) conformant to ISO 17442:2019. The LEI needs to be communicated to and agreed with the Reporting Office prior to commencing transaction reporting with the RTS interface. Transaction Reporting Swiss Format can be submitted via HTTPS or Secure File Transfer Protocol (SFTP).

2.6 Correction and Cancellation

Incorrect transaction reports may be corrected and canceled within five business days following the submission of the transaction report (creation/reported date).

3 Reporting Scenarios

The following pages give an overview of trade and transaction reporting scenarios which may arise, as well as the associated reporting obligations.

The diagrams in the following pages use the following components:

Component	Description
SDX Trading Ltd.	SDX Trading Ltd. - Exchange and Reporting Office
SDX Trading Ltd. Participant	A trading participant of SDX Trading Ltd., member of SDX Trading Ltd.
SDX Trading Ltd. Participant CH	A trading participant of SDX Trading Ltd. domiciled in Switzerland
Securities Firm CH	Any FINMA regulated Securities Firm domiciled in Switzerland
SDX Trading Ltd. Participant CH Securities Firm CH	A trading participant of SDX Trading Ltd. or a Securities Firm domiciled in Switzerland
Counterparty	Any counterparty (e.g. client, Securities Firm)
Reporting Member only	A Reporting Member of SDX Reporting Office, not a trading participant of SDX Trading Ltd.
Foreign Securities Firm	Any Securities Firm domiciled outside Switzerland who is not regulated by FINMA
Client	A client who places an order execution

3.1 Trades Executed on SDX Trading Ltd. (On-Exchange)

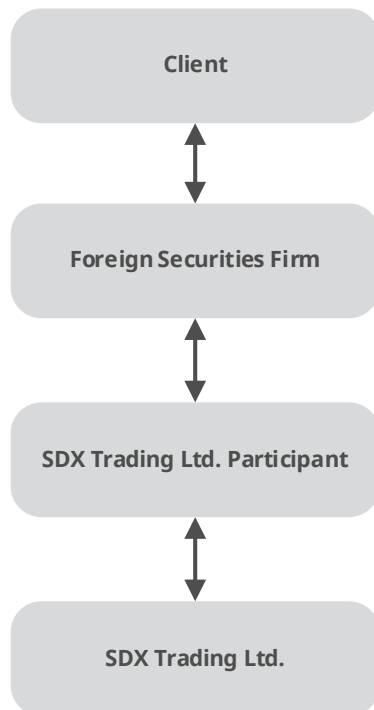
3.1.1 Scenario 1

A SDX Trading Ltd. Participant executes a trade on SDX Trading Ltd. and subsequent to the execution, submits a transaction report to the Reporting Office with details on the Beneficial Owner, the counterparty, the trading venue «XSDX», the TradeMatchID.



3.1.2 Scenario 2

A Foreign Securities Firm routes a client order to a SDX Trading Ltd. Participant who executes the trade on SIX Digital Exchange Ltd.



Foreign Securities Firm

- is not subject to reporting duties in Switzerland. It may have reporting obligations according to the requirements of his local regulator.

SDX Trading Ltd. Participant

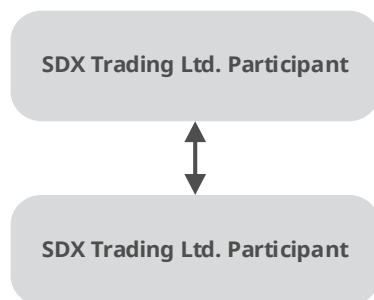
- executes the order on-exchange on SDX Trading Ltd. on behalf of his client (where the client is the Foreign Securities Firm);
- submits a transaction report for his side of the trade with details on the Beneficial Owner (Foreign Securities Firm), the counterparty, the trading venue (VenueCode «XSDX»), the TradeMatchID, OrderTransmission «N».

3.2 Off-Exchange Trades

For Transaction Reporting the applicant registers as a Reporting Member (this also applies for Trade Reporting). If the applicant is not already a Transaction Reporting Member of SIX Swiss Exchange, the applicant needs to register with SDX as a Reporting Member in order to access the SSX Transaction Reporting user interface (Transaction reporting for SDX Trading Ltd. follows the same principles as the SIX Swiss Exchange). No separate application is needed for SDX Trading Participants, as those participants are registered as part of the onboarding process.

3.2.1 Scenario 1

Off-exchange trade with two SDX Trading Ltd. Participants.



- Subsequent to the execution both SDX Trading Ltd. Participants submit a trade report via e-mail to tradereporting@sdx.com. The trade report form can be found on the [sdx.com website](https://www.sdx.com);
- Both SDX Trading Ltd. Participants submit a transaction report to the Reporting Office.

3.2.2 Scenario 2

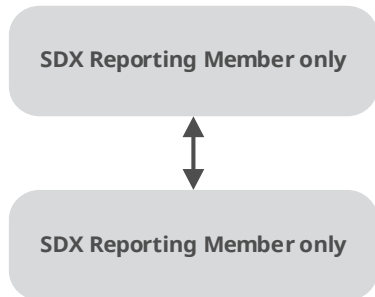
Off-exchange trade with one native SDX Trading Ltd. Participant and one SDX Reporting Member only.



- Subsequent to the execution both the SDX Trading Ltd. Participant and the SDX Reporting Member submit a trade report via e-mail to tradereporting@sdx.com. The trade report form can be found on the [sdx.com website](https://www.sdx.com);
- Both the SDX Trading Ltd. Participant and the SDX Reporting Member submit a transaction report to the Reporting Office.

3.2.3 Scenario 3

Off-exchange trade with two SDX Reporting Members only (both are **not** SDX Trading Ltd. members).

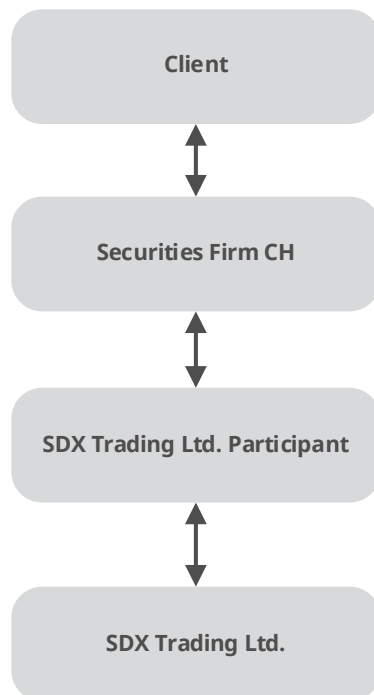


- Subsequent to the execution both SDX Reporting Members submit a trade report via e-mail to tradereporting@sdx.com. The trade report form can be found on the [sdx.com website](https://www.sdx.com);
- Both SDX Reporting Members submit a transaction report to the Reporting Office.

3.3 Executions Arising out of Order Routing, Splitting and Aggregation

3.3.1 Scenario 1

Transmission of Orders - A Swiss Securities Firm routes a client order to a SDX Trading Ltd. Participant who executes the order on SDX Trading Ltd. in a single execution.



SDX Trading Ltd. Participant

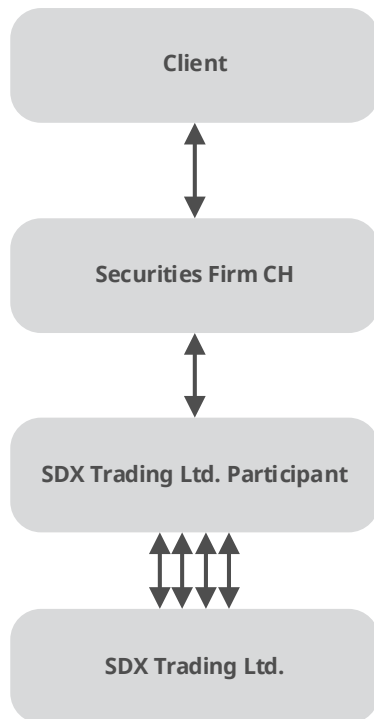
- routes the order for execution to SDX Trading Ltd.;
- after the execution submits a transaction report to the Reporting Office for his side of the trade with the Swiss Securities Firm as Beneficial Owner, the TradeMatchID, VenueCode «XSDX» and OrderTransmission «N» (false).

Swiss Securities Firm

- submits a transaction report to the Reporting Office with details on the Beneficial Owner, ContraFirmSubType «MEMB», ContraFirmSubTypeCode «MEMB» and corresponding PartyID of the Trading Participant, the TradeMatchID obtained from the Trading Participant, OrderTransmission «Y» (true) and VenueCode «XOFF».

3.3.2 Scenario 2

Transmission of Orders - A Swiss Securities Firm routes a client order to a SDX Trading Ltd. Participant who executes the order on SDX Trading Ltd. with multiple partial executions.



SDX Trading Ltd. Participant

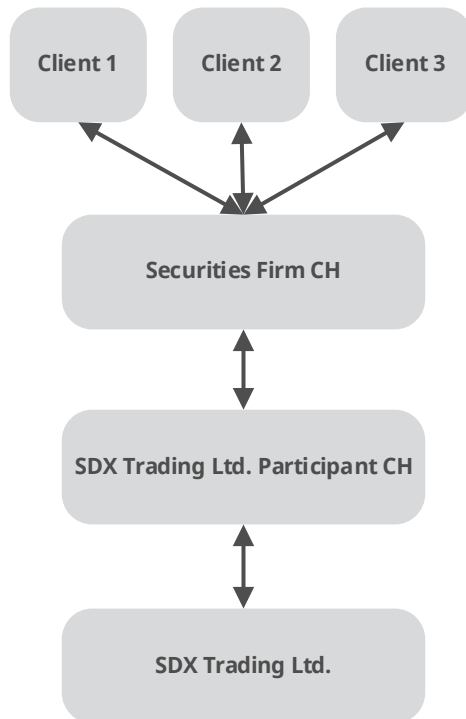
- routes the order for execution to SDX Trading Ltd.;
- after execution in partial matches submits separate transaction reports for every partial match to the Reporting Office for his side of the trade with the Swiss Securities Firm as Beneficial Owner, the corresponding TradeMatchIDs, VenueCode «XSDX» and OrderTransmission «N» (false).

Swiss Securities Firm

- submits separate transaction reports for every partial match to the Reporting Office with details on the Beneficial Owner, ContraFirmSubType «MEMB», ContraFirmSubTypeCode «MEMB» and corresponding FirmPartyID of the Trading Participant, the corresponding TradeMatchIDs obtained from the Trading Participant, OrderTransmission «Y» (true) and VenueCode «XOFF».

3.3.3 Scenario 3

Reporting for Aggregated Orders – A Swiss Securities Firm routes a single order for multiple clients to a Swiss SDX Trading Ltd. Participant who executes the order on SDX Trading Ltd. in a single trade.



A Swiss Securities Firm has a number of orders of different clients/Beneficial Owners in a single financial instrument to execute. The Swiss Securities Firm aggregates the orders and routes a single order to a Swiss SDX Trading Ltd. Participant, who in turn executes that order in a single trade on SDX Trading Ltd.

Swiss SDX Trading Ltd. Participant

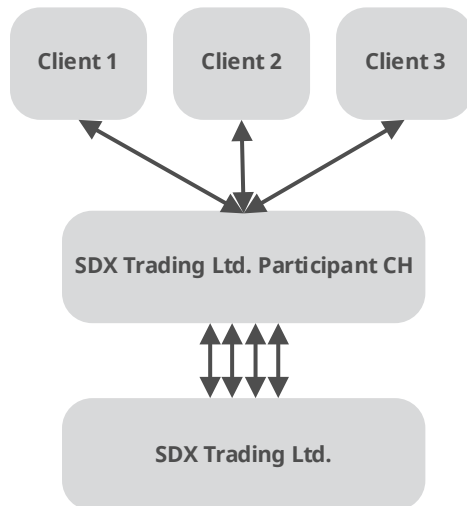
- routes the order to SDX Trading Ltd. with OrderCapacity «Riskless Principal» (trading in own name but for the account of the client);
- subsequent to the order execution submits a transaction report to the Reporting Office with the Swiss Securities Firm as Beneficial Owner, the corresponding TradeMatchID, VenueCode «XSDX», OrderTransmission «N» (false) and AggregatedOrder «N» (false).

Swiss Securities Firm

- submits transaction reports for every client to the Reporting Office with details on the Beneficial Owner and the corresponding TradeMatchID obtained from the executing Swiss SDX Trading Ltd. Participant for every transaction report, OrderTransmission «Y» (true), AggregatedOrder «Y» (true) and VenueCode «XOFF».

3.3.4 Scenario 4

Reporting for Aggregated Orders – Execution leads to several trades (size of partial on-exchange matches not identical with order sizes of the Beneficial Owners) – not via proprietary/principal account.



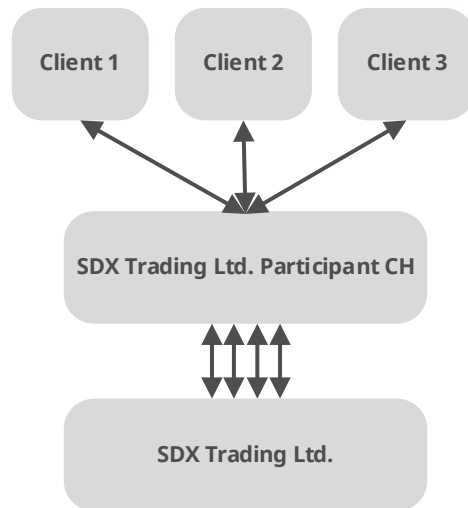
A Swiss SDX Trading Ltd. Participant has a number of orders of different clients/Beneficial Owners in a single financial instrument to execute. The aggregated order is executed on-exchange on SDX Trading Ltd.

Swiss SDX Trading Ltd. Participant

- routes the aggregated order to SDX Trading Ltd. with OrderCapacity «Riskless Principal» (trading in own name but for the account of the client);
- subsequent to the order execution submits transaction reports for every client to the Reporting Office.
- The reported price for all trades out of the aggregated order can be a (reproducible) average price.
- The first transaction report reported to the Reporting Office has to be provided with the first TradeMatchID, the first counterparty and the first execution date/time of the execution of the aggregated order; AggregatedOrder «Y» (true).
- All further transaction reports must be submitted with the last TradeMatchID, the last counterparty and the last execution date/time of the execution of the aggregated order; AggregatedOrder «Y» (true).

3.3.5 Scenario 5

Reporting for Aggregated Orders – Execution in several trades via a principal account (size of partial on book matches not identical with order sizes of Beneficial Owners).



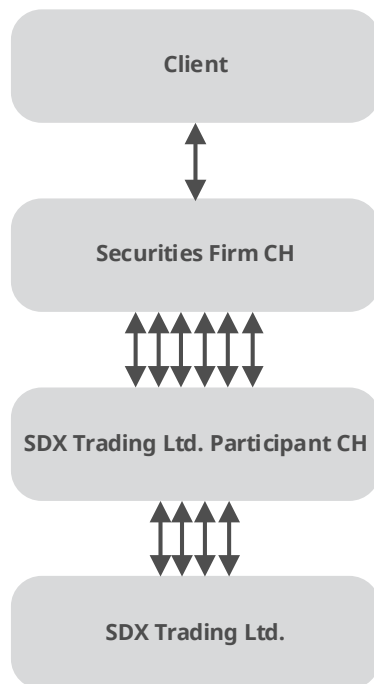
A SDX Trading Ltd. Participant has a number of orders of different clients/Beneficial Owners in a single financial instrument to execute. The orders are executed on-exchange on SDX Trading Ltd. via the Swiss SDX Trading Ltd. Participant's proprietary/principal account.

Swiss SDX Trading Ltd. Participant

- routes the aggregated order to SDX Trading Ltd. with OrderCapacity «Principal» (trading in own name and for own account);
- submits a transaction report for every partial match of the aggregated order subsequent to its execution with e.g. own «LEI» or own «PartyID» as Beneficial Owner, the corresponding TradeMatchIDs and AggregatedOrder «Y» (true).
- The Swiss SDX Trading Ltd. Participant with OrderCapacity «Principal» (trading in own name and for own account) submits trade reports for every client with the relevant size of each client on the opposite side for the allocation of the executed aggregated order;
- submits transaction reports (for the proprietary/principal side) for every trade report with e.g. own «LEI» or own «PartyID» as Beneficial Owner;
- submits transaction reports (for the client side) for every client, AggregatedOrder «Y» (true).

3.3.6 Scenario 6

Reporting for Order Splitting.



A client routes an order to a Swiss Securities Firm. The Swiss Securities Firm splits the order into a number of smaller sized orders and routes them for execution to a Swiss SDX Trading Ltd. participant who aggregates the orders and executes it on-exchange on SDX Trading Ltd. in several partial matches.

Swiss SDX Trading Ltd. Participant

- executes the orders on-exchange on SDX Trading Ltd. on behalf of his client (where the client/Beneficial Owner is the Swiss Securities Firm);
- submits separate transaction reports for his side of the trade for every partial match to the Reporting Office with the Swiss Securities Firm as Beneficial Owner and the corresponding TradeMatchIDs, OrderTransmission «N» (false), AggregatedOrder «N» (false).

Swiss Securities Firm

- submits separate transaction reports for every partial match to the Reporting Office with details on the Beneficial Owner, OrderTransmission «Y» (true) and TradeMatchIDs obtained from the Trading Participant.

4 Reporting Scenarios – Beneficial Owner

	Number of Executions	Number of Transaction Reports	Price (Transaction Report)	Volume (Transaction Report)	TradeMatchID (Transaction Report)
One client - one Beneficial Owner	1	1	execution price	executed volume	TradeMatchID
One client - one Beneficial Owner	3	3	respective execution price	respective executed volume	respective TradeMatchID
One client - four Beneficial Owners (e.g. joint account)	1	1	execution price	executed volume	TradeMatchID
One client - four Beneficial Owners (e.g. joint account)	3	3	respective execution price	respective executed volume	respective TradeMatchID
Aggregated Order for five clients (not executed via proprietary / principal account)	1	5	execution price	allocation according to the respective client order	TradeMatchID
Aggregated Order for five clients (not executed via proprietary / principal account)	7	5	average price	allocation according to the respective client order	first transaction report - with the first TradeMatchID; the following transaction reports with the last TradeMatchID
Aggregated Order for five clients (executed via proprietary / principal account)					
Execution of the order through a proprietary / principal account	1	1	execution price	executed volume	TradeMatchID
Allocation to the five clients	5	10 (transaction reports for the buy- and sell-side; 5 for the principal account and 5 for the five clients)	execution price	allocation according to the respective client orders	respective TradeMatchID
Aggregated Order for five clients (executed via proprietary / principal account)					
Execution of the order through a proprietary / principal account	4	4	Respective execution price	respective executed volume	Respective TradeMatchID
Allocation to the five clients	5	10 (transaction reports for the buy- and sell-side; 5 for the principal account and 5 for the five clients)	average price	allocation according to the respective client orders	respective TradeMatchID

5 Contacts

Helpdesk SDX	Phone	Email
Client Services	+41 58 508 3333	support@sdx.com
Trade Reporting	+41 58 508 3333	tradereporting@sdx.com

Helpdesk SIX	Phone	Email
Member Services	+41 58 399 2473	member.services@six-group.com
Local Support Center Zurich Transaction Reporting	+41 58 399 2825	lsc-ttr@six-group.com
Local Support Center Geneva Transaction Reporting	+41 58 399 5641	lsc-ttr@six-group.com