



# **Use of Data Source Schemes in ISO 15022 Compliant Messages**

Updated on 17 December 2020 –

- 1. Addition of DSS for the Canadian Revenue Agency (CRA)**
  - **Field 22F – Indicator**

## 1-INTRODUCTION

The following information explains the use of Data Source Schemes (previously called Issuer Codes) in the ISO 15022 compliant messages. It also gives an overview of the current list of approved Data Source Schemes by the ISO 15022 Registration Authority.

## 2-PROCESS AND PRINCIPLES

The data source scheme (previously called Issuer Codes), [4!c[4c]], consists of two sub-fields:

data source issuer code – where the purpose is to identify the institution issuing a proprietary code

data source issuer sub-code – where the purpose is to explicitly identify the proprietary code in the case where a single institution issues more than one proprietary code for the same business purpose, e.g., two codes for identification of parties.

### Process

An initial list of valid data source schemes, assigned on a field-by-field basis, has been agreed with ISO. Updates to this list will be agreed between the ISO 15022 Registration Authority (RA) and the ISO 15022 Registration Management Group (RMG).

The following principles have been agreed and will be applied:

A. Generic fields for which there is agreement that no current need exists for a data source scheme.

If an institution or market organization requires the use of additional (proprietary) codes in one of these fields, they either have to request the RA to register new codes in the Data Dictionary, or they have to request a data source scheme from the RA. Such a request will need to be accompanied by a business justification of why they cannot use the standard codes. It is not the intention that every bank or institution should obtain a data source scheme. In case of appeal, the final decision will be taken by the Registration Management Group.

Example fields: Account, Balance, Date/Time, Place, Rate, Status Code, Number Identification

Note: For the number identification field, it is recommended to use the ISO standard for the transmission of certificate numbers (ISO 8532, Securities – Format for transmission of certificate numbers). If the ISO standard is followed, no data source scheme must be used. A data source scheme may only be used when an institution or market organization wants to transmit proprietary certificate numbers.

B. Generic fields for which there is agreement that an institution or market organization needs to specify their proprietary scheme(s).

In this case the RA will assign a data source scheme to each institution or market organization requesting a data source scheme, i.e., the assignment will be less restricted than for the previously listed fields.

However, if an institution requests to register new codes in the Data Dictionary, the RA will not register the proprietary codes of each institution, but will translate and register any new business code(s) not already catered for within the ISO 15022 Standard.

Example fields: Indicator, Reason Code, Type of Financial Instrument

C. Generic fields for which there is agreement that the proprietary schemes for a specific list of institutions and market organisations may be used.

Example fields: Party

### 3-LIST OF DATA SOURCE SCHEMES

The following list of institutions or market organisations has been assigned a data source scheme, only to be used with the indicated field:

- Field 12A – Type of Financial Instrument

Country of Issuer	Data Source Scheme	Description of Issuer
GLOBAL	SMPG	Securities Market Practice Group
	REGL	Securities Market Practice Group
South Africa	GCSD	Granite Central Securities Depository
	STRA	Strate Limited
USA	ISIT	ISITC
	DTCY	Depository Trust & Clearing Corp

- Field 13B – Number Identification

Country of Issuer	Data Source Scheme	Description of Issuer
GLOBAL	SMPG	Securities Market Practice Group
South Africa	GCSD	Granite Central Securities
	STRA	Strate Limited
Switzerland	XSWX	Swiss Exchange
UK	XVTX	virt-x

- Field 22F – Indicator

Country of Issuer	Data Source Scheme	Description of Issuer
Australia	XASX	Australian Stock Exchange
Belgium	ECLR	Euroclear Bank
	NBBE	National Bank of Belgium
Belgium, France, Netherlands, Republic of Ireland, United Kingdom	EGSP	Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
Canada	CRAX	Canadian Revenue Agency
Denmark	VPDK	VP – Vaerdipapircentralen
France	FFMP	French Funds Market Practice Group
	SGAB	Société Générale Bank and Trust
Germany	DAKV	Deutsche Börse Clearing AG
Greece	HCSD	Central Securities Depository S.A.
Cyprus	XCYS	Cypriot Stock Exchange
Czech Republic	CDCP	The Prague Central Securities Depository (Centrální depozitář cenných papírů, a.s.)

Hong Kong	CCAS	Central Clearing and Securities Settlement System
Indonesia	KSEI	PT. Kustodian Sentral Efek Indonesia (Indonesian Central Securities Depository)
Japan	XTSE	Tokyo Stock Exchange
GLOBAL	SMPG	Securities Market Practice Group
	ACCO	Accord for Securities
	REGL	Securities Market Practice
	COEX	Coexistence (ISO 15022 – ISO 20022)
	OMECCAAD	Nasdaq OMX Group Corporate Action Service
Korea	KSDC	Korea Securities Depository
Luxembourg	CEDE	Clearstream Banking
	LUXC	LuxCSD SA
Poland	KDPW	Central Securities Depository of Poland
Romania	NBOR	Romanian Government Securities Registration and Settlement System
Russia	NSDR	National Settlement Depository
Singapore	CDPL	Central Depository Pte Ltd
Spain	IBRC	Iberclear
South Africa	GCSD	Granite Central Securities Depository
	STRA	Strate Limited
	XJSE	Johannesburg Stock Exchange
Sweden and Finland	NCSD	Euroclear FI and SE
Sweden	MFEX	Mutual Funds Exchange AB
Switzerland	SCOM	SIX SIS
Taiwan	TWCA	Trust Association of R.O.C.
Thailand	BOTH	Bank of Thailand
UK	CRST	Euroclear UK & IE
	LCHL	The London Clearing House
	HMRC	Her Majesty's Revenues and Customs
USA	GSCC	Government Securities Clearing Corporation
	IRSX	Internal Revenue Service (US Tax Authorities)
	THFS	Thomson Financial Services

	(1) DTCYTXNT, (2) DTCYIFMT, (3) DTCYPROC, (4) DTCYISRC, (5) DTCYACTV, (6) DTCYSUBA, (7) DTCYREAS, (8) DTCYDGCA	Depository Trust & Clearing Corp  Notes: used for (1) IMS transaction type, (2) IMS format transaction input, (3) IMS normal or express processing, (4) DTCC application that input transaction to IMS, (5) DTCC activity code, (6) DTCC subactivity code, (7) DTCC reason code, (8) DTCC Domestic and Global Corporate Actions.
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## - Field 24B - Reason

Country of Issuer	Data Source Scheme	Description of Issuer
Belgium	ECLR	Euroclear Bank
Belgium, France, Netherlands, Republic of Ireland, United Kingdom, Finland and Sweden	EGSP	Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
Europe	ECSD	ECSDA - The European Central Securities Depositories Association
France	XPAR	Société des Bourses Françaises
Germany	DAKV	Deutsche Börse Clearing AG
GLOBAL	SMPG	Securities Market Practice Group
	ACCO	Accord for Securities
	COEX	Coexistence (ISO 15022- ISO 20022)
Luxembourg	CEDE	Clearstream Banking
Poland	KDPW	Central Securities Depository of Poland
Romania	NBOR	Romanian Government Securities Registration and Settlement System
Russia	NSDR	National Settlement Depository
Singapore	CDPL	Central Depository Pte Ltd
	MEPS	Monetary Authority of Singapore (MAS) Electronic Payment System
South Africa	GCSD	Granite Central Securities
	STRA	Strate Limited
Spain	MEFF	MEFF (Spanish Official Exchange for Financial Futures and Options)
Switzerland	SCOM	SIX SIS
UK	CHAS	Chase Manhattan Bank
	CRST	Euroclear UK & IE
	LCHL	The London Clearing House
USA	BNYM	Bank of New York Mellon
	THFS	Thomson Financial Services
	DTCY	Depository Trust & Clearing Corp
	GSCC	Government Securities Clearing Corporation

## - Field 25D – Status

Country of Issuer	Data Source Scheme	Description of Issuer
Belgium	NBBE	Banque Nationale de Belgique
Belgium, France, Netherlands, Republic of Ireland, United Kingdom, Finland and Sweden	EGSP	Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
France	XPAR	Société des Bourses Françaises
GLOBAL	SMPG	Securities Market Practice Group
	GEOS	Securities and Derivatives Management System
	ACCO	Accord for Securities
Luxembourg	CEDE	Clearstream Banking
Poland	KDPW	Central Securities Depository of Poland
Romania	NBOR	Romanian Government Securities Registration and Settlement System
Singapore	CDPL	Central Depository Pte Ltd
South Africa	GCSD	Granite Central Securities Depository
	STRA	Strate Limited
Spain	MEFF	MEFF (Spanish Official Exchange for Financial Futures and Options)
USA	DTCY	Depository Trust & Clearing Corp
	GSCC	Government Securities Clearing Corporation

## - Field 93B – Balance

Country of Issuer	Data Source Scheme	Description of Issuer
Poland	KDPW	Central Securities Depository of Poland
Singapore	CDPL	Central Depository Pte Ltd
USA	DTCY	Depository Trust & Clearing Corp

## - Field 94B - Place

Country of Issuer	Data Source Scheme	Description of Issuer
Poland	KDPW	Central Securities Depository of Poland
South Africa	GCSD	Granite Central Securities Depository
	STRA	Strate Limited
USA	ISIT	ISITC
	GSCC	Government Securities Clearing Corporation

## - Field 95R - Party

Country of Issuer	Data Source Scheme	Description of Issuer
Argentina	CAVL	Caja de Valores S.A.
Australia	ACLR	Austraclear Limited
	AUUA	Australian Bank State Branch Code
	CHES	Clearing House Electronic Settlements Systems
Austria	ATAT	Austrian Bankleitzahl
	OCSD	OeKB - Oesterreichische Kontrollbank AG
Belgium	CIKB	Euroclear BE
	ECLR	Euroclear Bank
	NBBE	National Bank of Belgium
Belgium, France, Netherlands, Republic of Ireland, United Kingdom, Finland and Sweden	EGSP	Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
Brazil	CLCB	CLC - Camara de Liquidacao e Custodia S.A.
	CETI	Center for the Custody and Financial Settlement of Securities (CETIP)
	SSCS	Special Settlement and Custody System (SELIC)
Canada	CDSL	CDS - Canadian Depository for Securities Limited
	CACC	Canadian Payments Association Payment Routing Number
Chile	CSDD	Central Securities Depository Deposito Central de Valores
China	SCRC	Shanghai Securities Central Clearing & Registration Company
	SSCC	Shenzhen Securities Clearing Company
Colombia	CDSY	Central Depository System
Czech Republic	XPRA	The Prague Stock Exchange
	CDCP	The Prague Central Securities Depository (Centrální depozitář cenných papírů, a.s.)
Denmark	VPDK	VP - Vaerdipapircentralen
Egypt	MCSD	Misr for Clearing, Settlement and Depository
Estonia	EVKE	Estonian Central Securities Registry
Finland	APKE	Euroclear FI
France	FRR1	French R.I.B.
	SICV	Euroclear FR
Germany	BUWE	Bundesaufsichtsammt für den Wertpapierhandel
	XDTB	Deutsche Boerse AG: Deutsche Terminbörse



	XFRA	Deutsche Boerse AG: Frankfurter Wertpapierbörse
	XETR	Deutsche Boerse AG: XETRA (exchange electronic trading)
	DAKV	Deutsche Börse Clearing AG
	MARK	Deutsche Bundesbank
	DEBL	German Bankleitzahl
	ZEKR	Zentraler Kreditausschuss
Greece	HCSD	Central Securities Depository S.A.
	BNGR	Bank of Greece
Hong Kong	CCAS	Central Clearing and Securities Settlement System
	HKCH	Hong Kong National Clearing Code
	HKMA	Central Moneymarkets Unit (CMU) Hong Kong Monetary Authority
Hungary	KELR	Központi Elszámolóház és Értéktár Rt (KELER)
India	NSDL	National Securities Depository
Indonesia	KSEI	PT. Kustodian Sentral Efek Indonesia (Indonesian Central Securities Depository)
GLOBAL	SMPG	Securities Market Practice Group
Ireland	IESC	Irish National Clearing Code
Israel	XTAE	The Tel Aviv Stock Exchange
Italy	ITIT	Italian Domestic Identification Code
	MOTI	Monte Titoli
Japan	JSCC	Japan Securities Clearing Corporation
	JSDC	Japan Securities Depository Center
Korea	KSDC	Korea Securities Depository
Luxembourg	CEDE	Clearstream Banking
	VPLU	VP LUX S.à r.l.
	LUXC	LuxCSD SA
Malaysia	MCDY	Bursa Malaysia Depository Sdn Bhd
Mexico	INDE	S.D. Indeval, S.A. de C.V.
	CASF	Mexican Treasury Department
Morocco	MARO	Maroclear
Netherlands	XAMS	Amsterdamse Effectenbeurs
	NECI	Euroclear NL
New Zealand	NZBA	New Zealand National Clearing Code
	XNZE	New Zealand Stock Exchange
Norway	VPSN	VPS - Verdipapirsentralen
Peru	CVLI	Caja de Valores y Liquidaciones (CAVALI ICLV S.A.)
Philippines	PCDY	Philippine Central Depository
Poland	KDPW	Central Securities Depository of Poland

Portugal	CVMP	Central de Valores de Mobiliarios
	PTIF	Portuguese National Clearing Code
	XCVM	INTERBOLSA - Associacao para a Prestacao de Servicos as Bolsas de Valores
Qatar	DSMQ	Doha Securities Market
Russia	RUIC	Russian Central Bank Identification Code
	NSDR	National Settlement Depository
Singapore	CDPL	Central Depository Pte Ltd
	XSIM	Singapore International Monetary Exchange Limited
Slovak Republic	XBRA	The Bratislava Stock Exchange
Slovenia	KDDS	Centralna Klirinsko Depotna Druzba d.d. (KDD)
South Africa	GCSO	Granite Central Securities Depository
	ZABS	South African National Clearing Code
	STRA	Strate Limited
Spain	ESPB	Banco de Espana
	MEFF	MEFF (Spanish Official Exchange for Financial Futures and Options)
	SCLV	SCL - Servicio de Compensacion y Liquidacion de Valores
	ESES	Spanish Domestic Interbanking Code
	IBRCLATI	Iberclear (Latibex Trades)
Switzerland	SCOM	SIX SIS
	CHSW	Swiss Clearing Code
	XSDX	Swiss Digital Exchange
Thailand	TSDC	Thailand Securities Depository Company Limited
Taiwan	TSCD	Taiwan Securities Central Depository Co Limited
Turkey	TVSB	Takasbank
UK	GBSC	UK Domestic Sort Code
	BKEN	Bank of England (CMO code)
	CRST	Euroclear UK & IE
	FSAU	FSA Financial Services Authority
	LCHL	The London Clearing House
	XISM	International Securities Market Association
	XLON	London Stock Exchange
United Arab Emirates	DIFX	Dubai International Financial Exchange Ltd.

USA	XASE	American Stock Exchange
	(1) DTCYFINS, (2) DTCYPART, (3) DTCYUSER	Depository Trust & Clearing Corp (DTCY) – FINS  <u>Note:</u> used for (1) tracking stolen or lost securities, (2) DTC participant number, (3) DTC user id.
	DTCYID	Depository Trust & Clearing Corp (DTCY) – ID
	EMCC	Emerging Markets Clearing Corporation
	USFW	Fedwire Routing Number
	GSCC	Government Securities Clearing Corporation
	ISCC	International Securities Clearing Corporation
	MBSC	Mortgage Backed Securities Clearing Corporation
	XNAS	National Association Securities Dealers
	XNMS	National Association of Securities Dealers Automated Quotation Service "NASDAQ" / National Market System
	NSCC	National Securities Clearing Corporation
	NYCHUSCH	New York Clearing House (NYCH) – Universal Identifier
	NYCHUSCP	New York Clearing House (NYCH) – Participant Identifier
	XNYS	New York Stock Exchange
	OCCX	Options Clearing Corporation
PTCY	Participant Trust Company	

- Field 95S – Party – Alternate Identification

Country of Issuer	Data Source Scheme	Description of Issuer
Czech Republic	CDCP	The Prague Central Securities Depository (Centrální depozitář cenných papírů, a.s.)

- FIELD 97B - ACCOUNT

Country of Issuer	Data Source Scheme	Description of Issuer
Austria	OCSD	OeKB - Oesterreichische Kontrollbank AG
Belgium	CIKB	Euroclear BE
Belgium, France, Netherlands, Republic of Ireland, United Kingdom, Finland and Sweden	EGSP	Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
Denmark	VPDK	VP - Vaerdipapircentralen

Finland	APKE	Euroclear FI
France	SICV	Euroclear FR
Germany	DAKV	Deutsche Börse Clearing AG
GLOBAL	SMPG	Securities Market Practice Group
Italy	MOTI	Monte Titoli
Netherlands	NECI	Euroclear NL
Norway	VPSN	VPS - Verdipapirsentralen
Portugal	XCVM	INTERBOLSA - Associacao para a Prestacao de Servicios as Bolsas de Valores
South Africa	GCSD	Granite Central Securities Depository
Spain	SCLV	SCL - Servicio de Compensacion y Liquidacion de Valores
Switzerland	SCOM	SIX SIS
UK	CRST	Euroclear UK & IE

Any additional Data Source Schemes or updates to the existing Data Source Schemes should be submitted for approval to the ISO 15022 Registration Authority. The official Data Source Scheme request form ('Request for a new Data Source Scheme') can be found on the ISO 15022 web site ([www.iso15022.org](http://www.iso15022.org)).

If you have any questions, please contact the ISO 15022 Registration Authority:

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