

The Derivatives Service Bureau (DSB)

Search User Guide

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Preface

Change History


Date	Change	Version	Author	Revision Details
10 August 2017	Creation	1.0a	DSB	Initial Version
14 August 2017	Update	1.2	DSB	Updated with 28/08/17 release changes

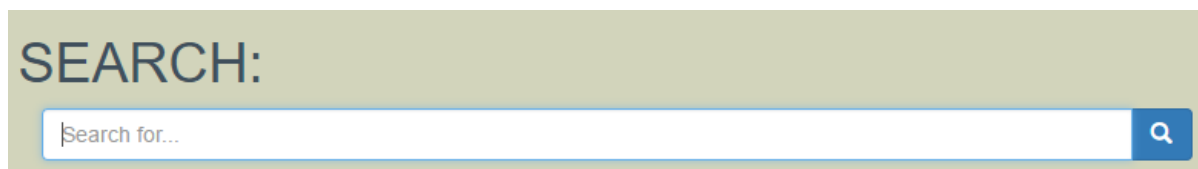
1. Introduction

The purpose of this document is to guide DSB users on how to use the DSB's search function to retrieve existing ISIN records and their associated reference data. As a reminder, users with "web-access only" are not permitted to automate any part of the DSB GUI functionality, other than the file download process.

The document contains a set of examples to demonstrate the use of the search function and these are highlighted [in blue](#).

2. Overview

To retrieve existing ISIN records and their reference data, start typing search conditions in the **Search for...** window and click :



For web-based users: If no search conditions are specified, depending on the type of the user, ISIN records will be returned in no particular order.

The number of search results you see will depend on the type of user you are, subject to the DSB's User Policy. A guideline is provided below for reference:

5 – for a Registered user

5 – for an Infrequent user

50 – for a Standard user

500 – for a Power user

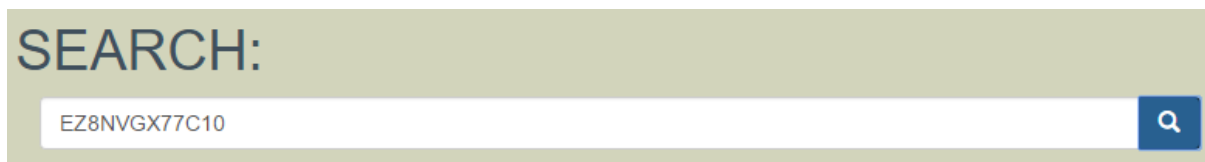
For API users: If no search conditions are specified, then no results will be returned.

The document describes the following types of searches:

- ✓ Querying for a single term
- ✓ Querying for multiple conditions
- ✓ Querying for a phrase
- ✓ Advanced search

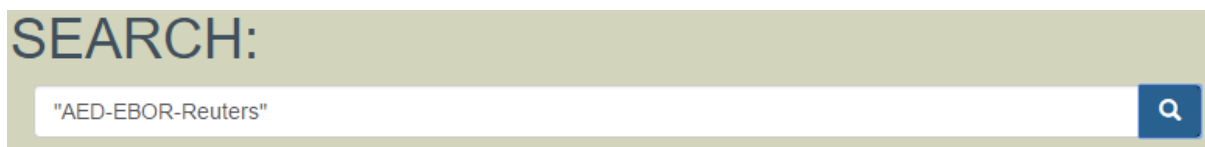
2.1 Querying for a single term

A single term is a single word such as *EZ8NVGX77C10* or *EUR*. Querying for a single word does not require putting it in quotes.



A screenshot of a search interface. At the top, the word "SEARCH:" is displayed in a large, bold, blue font. Below it is a white search input field containing the text "EZ8NVGX77C10". To the right of the input field is a blue button with a white magnifying glass icon.

If the term contains any special characters such as "-", it needs to be framed with quotes:



A screenshot of a search interface. At the top, the word "SEARCH:" is displayed in a large, bold, blue font. Below it is a white search input field containing the text "AED-EBOR-Reuters" enclosed in double quotes. To the right of the input field is a blue button with a white magnifying glass icon.

Wildcard search

The wildcard search is used to represent several characters or an empty string. It is often useful so that the full name need not be typed.

* - multiple character wildcard search

? - single character wildcard search

*Reuters search will return records such as:

- AED-EBOR-Reuters
- AUD-Swap Rate-Reuters
- CAD-BA-Reuters
- CAD-TBILL-Reuters

If they exist in the DSB database.

?IBO search will return records such as:

- LIBO
- TIBO

If they exist in the DSB database.

2.2 Querying for multiple conditions

Querying for multiple conditions allows users to combine or exclude keywords in a search, resulting in more focused results:

AND, OR

AND – matches documents where both terms exist anywhere in the text of a single document. The symbol **&&** can be used in place of the word AND.

OR - the default conjunction operator. This means that if there is no Boolean operator between two terms, the OR operator is used. The OR operator links two terms and finds a matching document if either of the terms exist in a document.

For example, if you search for [Amortizing Swap](#), the query will return all products that are amortizing **OR** swap. To find products that are amortizing swaps, query for [Amortizing AND Swap](#) or [Amortizing && Swap](#).

2.3 Querying for a phrase

If querying for an exact phrase, group the words by double quotes such as "Contract for Difference".

3 Frequently Used Searches

This section gives some examples of the most commonly used searches.

To vary the terms of the searches, refer to [Annex Sample Values](#).

The examples below use simple notation, whereby the terms are searched for across all fields of all records.

3.1.1 Example 1 – Search for all GBP/USD Forward FX ISINs

This search can be conducted in one of three ways as set out below.

GBP && USD && Fwd && Foreign_Exchange

GBP AND USD AND Fwd AND Foreign_Exchange

GBP AND USD AND Forward AND Foreign_Exchange

3.1.2 Example 2 – Search for all CDS single name ISINs with a specific LEI

CDS && SN && 549300QJBBKPDV5SFJ19

3.1.3 Example 3 – Search for all EUR Fixed-Float Interest Rate Swap ISINs

Rates && Swap && Fixed_Float && EUR

Rates && Swap && "Fxd Flt"&& EUR

Rates && Swap && "Fixed - Floating" && EUR

Rates && Swap && "Fixed Floating" && EUR

3.1.4 Example 4 – Search for all GBP Swaptions

swaption && GBP

3.1.5 Example 5 – Search commodity derivatives with a specific base product/sub-product

Search for all the commodity derivatives with a Base Product/Sub Product = Gold

Commodities && GOLD

3.1.6 Example 6 – Search for all EUR IR Swaps

Rates && Swap && EUR

3.1.7 Example 7 – Search for all instruments with a specific CFI Code

Search for all the instruments with a CFI Code = SRA*

SRA*

3.1.8 Example 8 – Search for all amortizing swaps

Amortizing && Swap
Amortizing AND Swap

3.1.9 Example 9 – Search for all zero-coupon USD swaps with a given maturity

Search for all the zero-coupon USD swaps with maturity greater than 2 years

*Zero_Coupon && USD && Swap && /Attributes/ExpiryDate: ["2019-06-08" TO *]

3.1.10 Example 10 – Search for all equity derivatives with a specific underlying ISIN

Search for all the equity derivatives that have this <ISIN> in its underlying (whether basket or single name)

Equity && EZ1234567890
Equity AND EZ1234567890

4 Advanced Search

Advanced search is a powerful tool that enables more technology savvy users to employ a full notation whereby every term refers to the relevant field in the JSON schema. This enables searches to be further narrowed down, to a specific field, which could be useful for getting more focused results.

I.e. A simple search by [EZ1234567890](#) will find all records with this ISIN whether it is in the ISIN of the instrument or in its underlying.

To query for the ISIN above specifically as an underlying, it is required to refer to the field name and its path within the JSON schema, followed by a colon ":" and further followed by the value to be searched:



If no field name is specified, i.e. a search like [EZ1234567890](#), the value will be looked for across all fields.

Date Searches

The date searches are used to query for a date or for a range of dates between the lower and upper bound specified.

The DSB stores the dates in the format of YYYY-MM-DD. To search for a date, it is necessary to use the YYYY-MM-DD date format, put the date in quotes and specify a prefix as follows: [/Attributes/ExpiryDate:"YYYY-MM-DD"](#)

[/Attributes/ExpiryDate:\["2017-01-01" TO "2018-01-01"\]](#) - will find records that have dates between 2017-01-01 and 2018-01-01, inclusive.

[/Attributes/ExpiryDate:\["2017-01-01" TO *\]](#) - will find records that have values greater or equal 2017-01-01.

[/Attributes/ExpiryDate:{ "2017-01-01" TO "2018-01-01" }](#) - will find records that have values between 2017-01-01 and 2018-01-01, exclusive of the upper and lower bounds.

Example 1

Search for all GBP/USD Fwd FX

[/Header/AssetClass:Foreign_exchange && /Header/InstrumentType:Forward && /Attributes/NotionalCurrency:GBP && /Attributes/OtherNotionalCurrency:USD](#)

See attributes list and their JSON paths in the [annex](#) below.

Example 2

Search for all CDS single names with a specific underlier LEI

/Header/AssetClass:Credit && /Header/InstrumentType:Swap &&
/Attributes/UnderlyingInstrumentLEI:549300QJBBKPDV5SFJ19

Example 3

Search for all EUR fixed-float IRS

/Header/AssetClass:Rates && /Header/UseCase:Fixed_Float && /Header/InstrumentType:Swap &&
/Attributes/NotionalCurrency:EUR

Example 4

Search for all the GBP Swaptions

/Attributes/NotionalCurrency:GBP && /Header/UseCase:*Swaption*

Example 5

Search for all the commodity derivatives with a Base Product/Sub Product = Gold

/Header/AssetClass:Commodities && /Attributes/AdditionalSubProduct:GOLD

Example 6

Search for all the EUR IR Swaps

/Header/AssetClass:Rates && /Attributes/NotionalCurrency:EUR AND /Header/InstrumentType:Swap

Example 7

Search for all the instruments with a CFI Code = SRA*

/Derived/ClassificationType: SRA*

Example 8

Search for all the amortizing swaps

/Attributes/NotionalSchedule:Amortizing && /Header/InstrumentType:Swap

Example 9

Search for all the zero-coupon USD swaps with maturity greater than 2 years

/Header/UseCase:*Zero_Coupon && /Attributes/NotionalCurrency:USD &&
/Header/InstrumentType:Swap && /Attributes/ExpiryDate: ["2019-06-08" TO *]

Example 10

Search for all the equity derivatives that have this <ISIN> in its underlying (whether basket or single name)

/Header/AssetClass:Equity && (/Attributes/UnderlyingInstrumentISIN/_:EZ1234567890 ||
/Attributes/Underlying/InstrumentISINs/_:EZ1234567890)

Annex

Attributes

This section specifies a current list of ISO attributes and their paths in JSON, and provides/ refers to enumerations for the values that can be used in the search. The list of attributes is subject to change. For the latest Product Definitions documentation, refer to <https://github.com/ANNA-DSB/Product-Definitions/tree/master/UAT/docs>

Section	ISO Display Name	Sample Value	JSON Path	Search Criteria (Use JSON Path to search for value in a specific attribute)
Derivatives and Securitised Derivatives related fields	Asset Class	Rates Credit Equity Foreign_Exchange Commodities	/Header/AssetClass	/Header/AssetClass:Rates
	Classification Type	JRIXFP	/Derived/ ClassificationType	/Derived/ClassificationType:JFRXFP
	Commodity Derivative Indicator	FALSE	/Derived/CommodityDerivativeIndicator	/Derived/CommodityDerivativeIndicator:FALSE
	Delivery Type	'CASH'-Cash 'PHYS'-Physical 'OPTL'-Elect at Exercise/Elect at Settlement/Auction ISO 10962: 2015. Character #6	/Attributes/DeliveryType	/Attributes/DeliveryType:PHYS
	Expiry date	2032-04-02	/Attributes/ExpiryDate	/Attributes/ExpiryDate:"2032-04-02"
	Full Name	Rates Forward FRA_Index AED-EBOR-Reuters 1DAYS 20320402	/Derived/FullName	/Derived/FullName:"Rates Forward FRA_Index AED-EBOR-Reuters 1DAYS 20320402"
	Identification	EZ0000000276	/ISIN/ISIN	/ISIN/ISIN:EZ0000000276
	Instrument Type	Swap Forward Option	/Header/InstrumentType	/Header/InstrumentType:Swap
	ISIN Status	New	/ISIN/Status	/ISIN/Status:New
	ISO Other Leg Reference Rate	EBOR-Reuters	/Derived/ISOOtherLegReferenceRate	/Derived/ISOOtherLegReferenceRate:"EBOR-Reuters"

Section	ISO Display Name	Sample Value	JSON Path	Search Criteria (Use JSON Path to search for value in a specific attribute)
	ISO Reference Rate	EBOR-Reuters	/Derived/ISOReferenceRate	/Derived/ISOReferenceRate:"EBOR-Reuters"
	ISO Underlying Instrument Index	ABXHE	/Attributes/UnderlyingInstrumentIndex	/Attributes/UnderlyingInstrumentIndex:ABXHE
	Issuer or operator of the trading venue identifier	NA	/Derived/IssuerorOperatoroftheTradingVenuelIdentifier	/Derived/IssuerorOperatoroftheTradingVenuelIdentifier:NA
	Level	InsRefDataReporting	/Header/Level	/Header/Level:InsRefDataReporting
	Notional Currency	EUR	/Attributes/NotionalCurrency	/Attributes/NotionalCurrency:EUR
	Option exercise style	"AMER"-American "BERM"-Bermudan "EURO"-European	/Attributes/OptionExerciseStyle	/Attributes/OptionExerciseStyle:EURO
	Option type	Call Put	/Attributes/OptionType	/Attributes/OptionType:Call
	Price Multiplier	1	/Attributes/PriceMultiplier	/Attributes/PriceMultiplier:1
	Product	FRA_Index For the full list of products, see https://github.com/ANNA-DSB/Product-Definitions/tree/master/UAT/docs	/Header/UseCase	/Header/UseCase:FRA_Index
	Return or Payout Trigger	Contract for Difference ISO 10962: 2015. Character #4 (swaps) ; Character #5 (forwards)	/Attributes/ReturnorPayoutTrigger	/Attributes/ReturnorPayoutTrigger:"Contract for Difference"
	Short Name	NA/ForwardFRA_IndexEUR20320402	/Derived/ShortName	/Derived/ShortName:"NA/Swap AGRI FWHT FWHT EUR 20170818"
	Single or Multi Currency	Single Currency	/Derived/SingleOrMultiCurrency	/Derived/SingleOrMultiCurrency:Single Currency

Section	ISO Display Name	Sample Value	JSON Path	Search Criteria (Use JSON Path to search for value in a specific attribute)
	Underlying Asset Type	Multi Commodity ISO 10962: 2015. Character #3	/Derived/UnderlyingAssetType	/Derived/UnderlyingAssetType:Multi Commodity
	Underlying Instrument Index	ABXHE	/Attributes/UnderlyingInstrumentIndex	/Attributes/UnderlyingInstrumentIndex:"ABXHE"
	Underlying Instrument Index Term Unit	DAYS WEEK MNTH YEAR	/Derived/UnderlyingInstrumentIndexTermUnit	/Derived/UnderlyingInstrumentIndexTermUnit:YEAR
	Underlying Instrument Index Term Value	5	/Attributes/UnderlyingInstrumentIndexTermValue	/Attributes/UnderlyingInstrumentIndexTermValue:5
	Underlying Instrument ISIN	EZ1234567890	/Attributes/UnderlyingInstrumentISIN	/Attributes/UnderlyingInstrumentISIN:EZ1234567890
	Underlying Instrument ISIN 1, 2, etc.	EZ1234567890	/Attributes/UnderlyingInstrumentISIN	/Attributes/UnderlyingInstrumentISIN/_:EZ1234567890
	Underlying Issuer LEI	549300QJBBKPDV5SFJ19	/Attributes/UnderlyingInstrumentLEI	/Attributes/UnderlyingInstrumentLEI:549300QJBBKPDV5SFJ19
	Underlying Issuer Type	Corporate ISO 10962: 2015. Character #5 (Swaps: Credit)	/Derived/UnderlyingIssuerType	/Derived/UnderlyingIssuerType:Corporate
	Valuation Method or Trigger	Vanilla ISO 10962: 2015. Character #5 (options)	/Attributes/ValuationMethodorTrigger	/Attributes/ValuationMethodorTrigger:Vanilla
Commodities and emission allowances derivatives	Additional Sub Product	GOLD See ISO Commodities Classification for the full list	/Attributes/AdditionalSubProduct	/Attributes/AdditionalSubProduct:GOLD
	Base Product	METL See ISO Commodities Classification for the full list	/Attributes/BaseProduct	/Attributes/BaseProduct:METL
	Final Price Type	'ARGM' - Argus/McCloskey 'BLTC' - Baltic	/Attributes/FinalPriceType	/Attributes/FinalPriceType:OTHR

Section	ISO Display Name	Sample Value	JSON Path	Search Criteria (Use JSON Path to search for value in a specific attribute)
		'EXOF' - Exchange 'GBCL' - GlobalCOAL 'IHSM' - IHS McCloskey 'PLAT' - Platts 'OTHR' - Other		
	Sub Product	PRME See ISO Commodities Classification for the full list	/Attributes/SubProduct	/Attributes/SubProduct:PRME
	Transaction Type	OPTN' - Options 'SWAP' - SWAPS 'OTHR' - Other 'FUTR' - Futures 'TAPO' - TAPOS 'MINI' - Minis 'OTCT' - OTC 'ORIT' - Outright 'CRCK' - Crack 'DIFF' - Differential	/Attributes/TransactionType	/Attributes/TransactionType:SWAP
Credit	Debt Seniority	'SNDB'-Senior Debt 'MZZD'-Mezzanine 'SBOD'-Subordinated Debt 'JUND'-Junior Debt	/Attributes/DebtSeniority	/Attributes/DebtSeniority:SBOD
	Underlying credit index series	25	/Attributes/UnderlyingCreditIndexSeries	/Attributes/UnderlyingCreditIndexSeries:25
	Underlying credit index version	1	/Attributes/UnderlyingCreditIndexVersion	/Attributes/UnderlyingCreditIndexVersion:1
Foreign exchange derivatives	FX Type	Foreign Exchange Cross Rate [FXCR] Foreign Exchange Emerging Market [FXEM] Foreign Exchange Major [FXMJ]	/Derived/FXType	/Derived/FXType:FXEM
	Settlement Currency	GBP	/Attributes/SettlementCurrency	/Attributes/SettlementCurrency:GBP
Interest rate derivatives	Notional Schedule	Constant Accreting Amortizing	/Attributes/NotionalSchedule	/Attributes/NotionalSchedule:Constant

Section	ISO Display Name	Sample Value	JSON Path	Search Criteria (Use JSON Path to search for value in a specific attribute)
		Custom ISO 10962: 2015. Character #4 (Swaps: Rates)		
	Other Leg Reference Rate	AUD-CPI	/Attributes/OtherLegReferenceRate	/Attributes/OtherLegReferenceRate:AUD-CPI
	Other Leg Reference Rate Term Unit	DAYS WEEK MNTH YEAR	/Attributes/OtherLegReferenceRateTermUnit	/Attributes/OtherLegReferenceRateTermUnit:WEEK
	Other Leg Reference Rate Term Value	1	/Attributes/OtherLegReferenceRateTermValue	/Attributes/OtherLegReferenceRateTermValue:1
	Other Notional Currency	USD	/Attributes/OtherNotionalCurrency	/Attributes/OtherNotionalCurrency:USD
	Reference Rate	AED-EBOR-Reuters	/Attributes/ReferenceRate	/Attributes/ReferenceRate:"AED-EBOR-Reuters"
	Reference Rate Term	1	/Attributes/ReferenceRateTermValue	/Attributes/ReferenceRateTermValue:1
	Reference Rate Term Unit	DAYS WEEK MNTH YEAR	/Attributes/ReferenceRateTermUnit	/Attributes/ReferenceRateTermUnit:DAYS

ISO Commodities Classification

This section specifies ISO Commodity classification to be used in commodity searches.

Base Product		Sub Product		Additional Sub Products	
Agricultural	AGRI	Dairy	DIRY		
Agricultural	AGRI	Forestry	FRST		
Agricultural	AGRI	Grain	GRIN	MillingWheat	MWHT
Agricultural	AGRI	GrainOilSeeds	GROS	FeedWheat	FWHT
Agricultural	AGRI	GrainOilSeeds	GROS	Maize	CORN
Agricultural	AGRI	GrainOilSeeds	GROS	Other	OTHR
Agricultural	AGRI	GrainOilSeeds	GROS	Rapeseed	RPSD
Agricultural	AGRI	GrainOilSeeds	GROS	Rice	RICE
Agricultural	AGRI	GrainOilSeeds	GROS	Soybeans	SOYB
Agricultural	AGRI	Livestock	LSTK		
Agricultural	AGRI	OliveOil	OOLI	Lampante	LAMP
Agricultural	AGRI	Potato	POTA		
Agricultural	AGRI	Seafood	SEAF		
Agricultural	AGRI	Softs	SOFT	Cocoa	CCOA
Agricultural	AGRI	Softs	SOFT	Other	OTHR
Agricultural	AGRI	Softs	SOFT	RawSugar	BRWN
Agricultural	AGRI	Softs	SOFT	RobustaCoffee	ROBU
Agricultural	AGRI	Softs	SOFT	WhiteSugar	WHSG
Energy	NRGY	Coal	COAL		
Energy	NRGY	Distillates	DIST		
Energy	NRGY	Electricity	ELEC	BaseLoad	BSLD
Energy	NRGY	Electricity	ELEC	FinancialTransmissionRights	FITR
Energy	NRGY	Electricity	ELEC	OffPeak	OFFP
Energy	NRGY	Electricity	ELEC	Other	OTHR
Energy	NRGY	Electricity	ELEC	PeakLoad	PKLD

Base Product		Sub Product		Additional Sub Products	
Energy	NRGY	InterEnergy	INRG		
Energy	NRGY	LightEnds	LGHT		
Energy	NRGY	NaturalGas	NGAS	GasPool	GASP
Energy	NRGY	NaturalGas	NGAS	LNG	LNGG
Energy	NRGY	NaturalGas	NGAS	NBP	NBPG
Energy	NRGY	NaturalGas	NGAS	NCG	NCGG
Energy	NRGY	NaturalGas	NGAS	TTF	TTFG
Energy	NRGY	Oil	OILP	Bakken	BAKK
Energy	NRGY	Oil	OILP	Biodiesel	BDSL
Energy	NRGY	Oil	OILP	Brent	BRNT
Energy	NRGY	Oil	OILP	BrentNX	BRNX
Energy	NRGY	Oil	OILP	Canadian	CNDA
Energy	NRGY	Oil	OILP	Condensate	COND
Energy	NRGY	Oil	OILP	Diesel	DSEL
Energy	NRGY	Oil	OILP	Dubai	DUBA
Energy	NRGY	Oil	OILP	ESPO	ESPO
Energy	NRGY	Oil	OILP	Ethanol	ETHA
Energy	NRGY	Oil	OILP	Fuel	FUEL
Energy	NRGY	Oil	OILP	FuelOil	FOIL
Energy	NRGY	Oil	OILP	Gasoil	GOIL
Energy	NRGY	Oil	OILP	Gasoline	GSLN
Energy	NRGY	Oil	OILP	HeatingOil	HEAT
Energy	NRGY	Oil	OILP	JetFuel	JTFL
Energy	NRGY	Oil	OILP	Kerosene	KERO
Energy	NRGY	Oil	OILP	LightLouisianaSweet	LLSO
Energy	NRGY	Oil	OILP	Mars	MARS
Energy	NRGY	Oil	OILP	Naphta	NAPH
Energy	NRGY	Oil	OILP	NGL	NGLO

Base Product		Sub Product		Additional Sub Products	
Energy	NRGY	Oil	OILP	Tapis	TAPI
Energy	NRGY	Oil	OILP	Urals	URAL
Energy	NRGY	Oil	OILP	WTI	WTIO
Energy	NRGY	RenewableEnergy	RNNG		
Environmental	ENVR	CarbonRelated	CRBR		
Environmental	ENVR	Emission	EMIS	CER	CERE
Environmental	ENVR	Emission	EMIS	ERU	ERUE
Environmental	ENVR	Emission	EMIS	EUA	EUAE
Environmental	ENVR	Emission	EMIS	EUAA	EUAA
Environmental	ENVR	Emission	EMIS	Other	OTHR
Environmental	ENVR	Weather	WTHR		
Fertilizer	FRTL	Ammonia	AMMO		
Fertilizer	FRTL	DiammoniumPhosphate	DAPH		
Fertilizer	FRTL	Potash	PTSH		
Fertilizer	FRTL	Sulphur	SLPH		
Fertilizer	FRTL	Urea	UREA		
Fertilizer	FRTL	UreaAndAmmoniumNitrite	UAAN		
Freight	FRGT	ContainerShip	CSHP		
Freight	FRGT	Dry	DRYF	DryBulkCarrier	DBCR
Freight	FRGT	Wet	WETF	Tanker	TNKR
IndustrialProduct	INDP	Construction	CSTR		
IndustrialProduct	INDP	Manufacturing	MFTG		
Inflation	INFL				
Metal	METL	NonPrecious	NPRM	Aluminium	ALUM
Metal	METL	NonPrecious	NPRM	AluminiumAlloy	ALUA
Metal	METL	NonPrecious	NPRM	Cobalt	CBLT
Metal	METL	NonPrecious	NPRM	Copper	COPR
Metal	METL	NonPrecious	NPRM	IronOre	IRON

Base Product		Sub Product		Additional Sub Products	
Metal	METL	NonPrecious	NPRM	Lead	LEAD
Metal	METL	NonPrecious	NPRM	Molybdenum	MOLY
Metal	METL	NonPrecious	NPRM	NASAAC	NASC
Metal	METL	NonPrecious	NPRM	Nickel	NICK
Metal	METL	NonPrecious	NPRM	Other	OTHR
Metal	METL	NonPrecious	NPRM	Steel	STEL
Metal	METL	NonPrecious	NPRM	Tin	TINN
Metal	METL	NonPrecious	NPRM	Zinc	ZINC
Metal	METL	Precious	PRME	Gold	GOLD
Metal	METL	Precious	PRME	Other	OTHR
Metal	METL	Precious	PRME	Palladium	PLDM
Metal	METL	Precious	PRME	Platinum	PTNM
Metal	METL	Precious	PRME	Silver	SLVR
MultiCommodityExotic	MCEX				
OfficialEconomicStatistics	OEST				
Other	OTHR				
OtherC10	OTHC	Deliverable	DLVR		
OtherC10	OTHC	NonDeliverable	NDLV		
Paper	PAPR	Containerboard	CBRD		
Paper	PAPR	Newsprint	NSPT		
Paper	PAPR	Pulp	PULP		
Paper	PAPR	RecoveredPaper	RCVP		
Polypropylene	POLY	Plastic	PLST		