

Vestima

Investment Fund Services

Published Fund List User Guide

CSV files sent from Clearstream Banking

Vestima Investment Fund Services - Published Fund List User Guide

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Foreword

The Published Fund List is Clearstream Banking's service providing customers with automated daily reporting on investment funds reference data. The Published Fund List is designed and developed to help Vestima users overcome the challenges of maintaining investment funds reference data and to mitigate issues with the operational efficiency of the placement and settlement of Vestima orders.

These specifications cover the layout and use of an outbound Comma Separated Value (CSV) file. For further information, please contact Vestima Customer Services (see below).

Contact details

For further information on the Published Fund List or any other information you may require, or if you have questions regarding the Order Routing system and/or communications with Clearstream Banking, you can contact Client Services in Luxembourg as follows:

Telephone:	+352-243-38110	Connectivity Support for access/configuration issues
	+352-243-32833	Vestima Client Services
	+352-243-32555	Vestima Product information
Fax:	+352-243-638110	Connectivity Support for access/configuration issues
Email:	csvestima@clearstream.com	Vestima Client Services
	connectlux@clearstream.com	Connectivity Support
Website:	www.clearstream.com	Clearstream Banking website
	www.vestima.com	Clearstream Banking Investment Fund Services

If you need assistance with Vestima, it would be helpful if you have the following information to hand before contacting Clearstream Banking:

- Your organisation name and Vestima Identity (ID);
- Your name, telephone and fax numbers and your email address;
- The make and model of your PC;
- Your connection type: via the CreationOnline portal or directly through the public internet;
- The type and version of your operating system and web browser software;
- Details of the inquiry (please have full details available);
- If you receive an error message, full details of the error, with any error message number.

Participants should note that - as is normal practice within financial organisations - Clearstream Banking has implemented telephone line recording to ensure that the interests of Clearstream Banking and of its participants are protected against misunderstandings or miscommunications.

Areas subject to telephone line recording include Customer Service, the Treasury Dealing Room and back office operations. The recorded lines are the subject of an ongoing formal maintenance and quality control programme to ensure their continued effective and appropriate deployment and operation.

Foreword

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1. Introduction

The Published Fund List service optimises efficiency by offering:

- A central source of investment funds reference data for daily order placement and settlement needs;
- Timely alignment of changes in investment funds reference data in a secure and automated way.

Note: A version of the standard fund list report, updated monthly, is available on the Clearstream website under Vestima documentation / [Supported funds](#).

Connectivity

The Published Fund List report can be retrieved in either of two ways:

- Downloaded through the Vestima web-browser interface; and
- Through Xact File Transfer via Internet.

For further information about accessing and using these applications, please see "[Contact details](#)" on page 1-i.

File names

The name of the Published Fund List report depends on how it is retrieved:

- If you download the report from Vestima, you are prompted to name it when saving it to a local storage device.
- Each report in Xact File Transfer via Internet is given a unique file name.

File content records and fields

The following specifications are adhered to:

- Each line in the data file is a record comprising a fixed number of fields (values).
- There are individual "record types" for data file header and body.
- A data file has one header record containing column headings, and multiple body records containing fund data.
- All records have a fixed number of fields.
- Fields in all records are separated by a comma (,) character.
- All fields are represented in the record, regardless of content. Two adjacent commas or double quotation ("") characters (with nothing between them) denote an empty field.
- Each line in a data file is terminated by a line feed (LF 0x0a).

1. Introduction

Format codes

The following codes and symbols are used to describe the formats that are used in the respective fields:

numerals 0 to 9	The length of a field (not counting field separators, decimal separators or any double quotation characters used as delimiters or “escape” characters)
!	The length of the field is fixed
n	Numeric, unsigned
a	Upper-case alphabetic (A to Z)
c	Alphanumeric (upper-case A to Z and 0 to 9)
x	Any character
time	Time expressed in 24-hour clock system, formatted as HH:MM
date	Date, month or date and time, formatted as DD/MM/YYYY
[]	Option, used only when needed

Numerical data

The decimal separator is a full stop (.) character (0x2e) and there is no thousands separator. The maximum lengths of the numerical fields refer to the number of digits (integers, decimals) without counting any decimal separator and/or negative sign that may be present. Positive numeric values are always unsigned.

Text data

Double-quotation mark (") characters (0x22) are used as delimiters for all fields except those containing numerals or dates. An embedded double-quotation mark within a field is “escaped” using an adjacent double-quotation mark.

The maximum lengths of the text fields refer to the number of characters without counting the double-quotation marks used as delimiters or “escape” characters.

Standards

The following international standards are applicable:

- ISO 4217 defines the currency code.
- ISO 6166 defines the International Securities Identifying Number (ISIN).
- ISO/IEC 8859-1 (also known as Latin-1) defines the character set for fields that have “x” as the format code.

2. Published Fund List - file specifications

Published Fund List is available on a daily basis as:

- Standard report providing Vestima fund reference data;
- Delta report providing Vestima fund reference data and showing which attributes have changed compared to the previously generated report.

Each row in the specifications table below is referenced by a letter in the “Column” column. This corresponds to the column references when opening a file in standard spreadsheet software¹.

The “M/O” column indicates the usage of each field:

- M indicates mandatory² - information is always present
- O indicates optional - information is present when available or applicable.

Note: A version of the standard report, updated monthly, is available on the Clearstream website under Vestima documentation / [Supported funds](#).

Shared content

Both report types contain the data described in the following table.

Column/Field name	M/O	Format	Content
A ISIN	O	12!c	International Securities Identification Number
B Common code	M	9!c	Identifier of the fund class allocated jointly by CBL and Euroclear Bank
C Fund name	M	100x	Descriptive name of the fund class
D Umbrella ID	O	8x	CBL's identification of the umbrella or legal entity to which the fund class (compartment) belongs
E Umbrella name	O	40x	Name of the umbrella or legal entity to which the fund class (compartment) belongs
F OHA ID	M	8x	CBL's identification of the Order Handling Agent (receiver of orders sent by CBL on behalf of customers)
G OHA name	M	35x	Name of the Order Handling Agent
H CBL PoSK ID	M	2!c	CBL's identification of CBL's place of safekeeping
I CBL PoSK name	M	35x	Name of CBL's place of safekeeping
J Fund ccy	M	3!a	ISO code of the base currency the fund class

1. Please be aware that, with such software, you may experience formatting issues, in particular with regard to field separators and date values.
2. Replacement values will be used for fund classes where the data is not relevant and/or confidential.

2. Published Fund List - file specifications

Column/Field name	M/O	Format	Content
K NAV ccy	M	3!a[/3!a]...	ISO currency code(s) of the Net Asset Value (NAV) of the fund class; when more than one, separated by forward slash ("/")
L CBL decimal places	M	1!n	Number of decimals available for CBL's record keeping of the fund class, in the range of 0 to 6 inclusive
M CBL cut-off time for redemptions	0	time	Time before which a redemption order must reach CBL for a secured forwarding to the OHA for further execution. . When present, it is expressed in "CET" (that is, UTC+1 in winter, UTC+2 in summer).
N CBL redemption settlement	0	3!a	CBL settlement method for redemptions, when present, one of the following: <ul style="list-style-type: none"> • "DVP" = Delivery versus payment • "FPC" = Free of payment contractual
O Fund cut-off redemption	0	16x	Day on which a redemption order must reach the OHA to be considered for the next NAV, expressed as "Dealing Day" or "NAV Date x BD" where x = number of Business Days
P Fund cut-off time for redemptions	0	time	Redemption cut-off time according to the prospectus
Q Fund redemption time zone	0	5a	Redemption cut-off time zone according to the prospectus (follows the DST where applicable)
R Redemption settlement	0	16x	Settlement period for redemptions, expressed as "Dealing Day" or "NAV Date x BD" where x = number of Business Days
S Redemption lead time	0	3n	Delta between CBL cut-off and fund cut-off for redemptions, given in minutes
T CBL cut-off time for subscriptions	0	time	Time before which a subscription order must reach CBL for a secured forwarding to the OHA for further execution. When present, it is expressed in "CET" (that is, UTC+1 in winter, UTC+2 in summer).
U CBL subscriptions settlement	0	3!a	CBL settlement method for subscriptions, when present, one of the following: <ul style="list-style-type: none"> • "DVP" = Delivery versus payment • "FPA" = Free of payment actual • "FPC" = Free of payment contractual • "FPP" = Free of payment prepaid
V Fund cut-off subscription	0	16x	Day on which a subscription order must reach the OHA to be considered for the next NAV, expressed as "Dealing Day" or "NAV Date x BD" where x = number of Business Days
W Fund cut-off time for subscriptions	0	time	Subscription cut-off time according to the prospectus
X Fund subscription time zone	0	5a	Subscription cut-off time zone according to the prospectus (follows the DST where applicable)
Y Subscription settlement	0	16x	Settlement period for subscriptions, expressed as "Dealing Day" or "NAV Date x BD" where x = number of Business Days
Z Subscription lead time	0	3n	Delta between CBL cut-off and fund cut-off for subscriptions, given in minutes
AA Payment	M	18x	When a subscription order is to be paid, either "On Order" (for prepaid subscriptions), "On Settlement Date" or (if the payment method cannot be determined) "Undefined"

2. Published Fund List - file specifications

Column/Field name	M/O	Format	Content
AB Fund Processing Group (Default)	M	11x	Fund Processing Group (Default) will allow a customer to identify the defaulted order routing venue as follows: <ul style="list-style-type: none"> • "Vestima" • "VestimaPRIME" • "No Order Routing" - only custody and settlement are supported • "CBL ineligible" - ISIN is non-qualified at CBL
AC Fund market group	M	35x	Category of pricing, one of the following: <ul style="list-style-type: none"> • "A" = Fund market group A pricing • "B" = Fund market group B pricing • "C" = Fund market group C pricing • "CFF Hosted" = (CFF) Hosted pricing
AD Fund manager id	0	8x	CBL's identification of the fund manager
AE Fund manager name	0	35x	Name of the fund manager
AF CBL PoSK type	0	8a	Type of CBL's place of safekeeping: <ul style="list-style-type: none"> • "CFF" = the fund class is held directly on the fund's register of shareholders via CFF • "DOMESTIC", "COMMON", "SPECIAL" = as defined in "Depository banks in alphabetic order" on the Clearstream website
AG Class	0	4x	Specification of the shares of the fund class
AH Fund category	0	4a	Dividend policy of the fund class, when present, one of the following: <ul style="list-style-type: none"> • "DIST" = distribution • "CAP" = capitalisation
AI Legal structure	0	16x	Definition of the legal structure of the fund (for example, "SICAV", "FCP", "OEIC")
AJ Market ref for BD	0	40x[/40x]...	Name(s) of jurisdiction or stock exchange used to specify the valuation days of the fund class; when more than one, separated by forward slash ("/")
AK NAV calculation frequency	0	12a	Frequency of the NAV calculation: <ul style="list-style-type: none"> • "ANNUALLY" • "DAILY" • "FORTNIGHTLY" • "MONTHLY" • "QR" (quarterly) • "SM" (semi-annually) • "WEEKLY"
AL NAV calculation periodicity	0	2n	Granularity of the NAV calculation frequency (for example, a frequency of "MONTHLY" with a periodicity of 2 means that the NAV is calculated twice a month)
AM NAV calculation description	0	40x	Description of the NAV calculation frequency (for example, "1ST BD OF MONTH")
AN Redemption fee	0	70x	Redemption fees according to the prospectus
AO Subscription minimum initial cash amount	0	3!a 10n	Minimum initial cash amount (including currency code) required for subscriptions according to the prospectus

2. Published Fund List - file specifications

Column/Field name	M/O	Format	Content
AP Subscription fee	0	70x	Subscription fees according to the prospectus
AQ Issuer (I)CSD	0	11!c	BIC of issuing (I)CSD
AR ETF	0	1!a	CBL's classification as exchange traded fund ("Y" or "N")
AS OHA settlement account	0	50x	Counterparty settlement account for OIs. Single account if settlement in CBL. PSET and xEAG if settlement in domestic depository.
AT FIA	0	50x	Fund Issuance Account for CFF qualified fund shares
AU T2S active	M	1!a	Specification if the fund is active in T2S ("Y" or "N")
AV Subscription by amount	0	1!a	Specification if order type applies ("Y" or "N")
AW Subscription by quantity	0	1!a	Specification if order type applies ("Y" or "N")
AX Redemption by amount	0	1!a	Specification if order type applies ("Y" or "N")
AY Redemption by quantity	0	1!a	Specification if order type applies ("Y" or "N")
AZ Switch by amount (1-to-1	0	1!a	Specification if order type applies ("Y" or "N")
BA Switch by quantity (1-to-1)	0	1!a	Specification if order type applies ("Y" or "N")
BB Switch by amount (1-to-n)	0	1!a	Specification if order type applies ("Y" or "N")
BC Switch by quantity (1-to-n)	0	1!a	Specification if order type applies ("Y" or "N")

Published Fund List with Delta

In addition to the table with shared content (see above), the Published Fund List with Delta also has the information described in the following table.

Column/Field name	M/O	Format	Content
BD Removal reason	0	18x	Reason why an ISIN has been removed from current data set (for example, matured)
BE Previous report date	M	date	Date of data set that is used for comparison
BF Current report date	M	date	Date of current data set
BG Change type	M	3!a	Identifies the type of record change: <ul style="list-style-type: none"> • "NEW" = New record (not contained in comparison data set). All delta columns are set to "1" • "CHG" = Changed record, one or more columns changed (delta indicator "1") from comparison data set. • "UNC" = Unchanged record, no column changed from comparison data set. All delta columns are set to "0" • "REM" = Removed record, was part of previous data set. All delta columns are set to "2"
BH to DH (see below)	M	1!n	Data delta indicator, one of the following: <ul style="list-style-type: none"> • "0" = no change • "1" = changed • "2" = removed
BH C Fund name	M	1!n	Delta on column C
BI D Umbrella id	M	1!n	Delta on column D

2. Published Fund List - file specifications

Column/Field name	M/O	Format	Content
BJ E Umbrella name	M	1!n	Delta on column E
BK F OHA id	M	1!n	Delta on column F
BL G OHA name	M	1!n	Delta on column G
BM H CBL PoSK id	M	1!n	Delta on column H
BN I CBL PoSK name	M	1!n	Delta on column I
BO J Fund ccy	M	1!n	Delta on column J
BP K NAV ccy	M	1!n	Delta on column K
BQ L CBL decimal places	M	1!n	Delta on column L
BR M CBL cut-off time for redemptions	M	1!n	Delta on column M
BS N CBL redemption settlement	M	1!n	Delta on column N
BT O Fund cut-off redemption	M	1!n	Delta on column O
BU P Fund cut-off time for redemptions	M	1!n	Delta on column P
BV Q Fund redemption time zone	M	1!n	Delta on column Q
BW R Redemption settlement	M	1!n	Delta on column R
BX S Redemption lead time	M	1!n	Delta on column S
BY T CBL cut-off time for subscriptions	M	1!n	Delta on column T
BZ U CBL subscription settlement	M	1!n	Delta on column U
CA V Fund cut-off subscription	M	1!n	Delta on column V
CB W Fund cut-off time for subscriptions	M	1!n	Delta on column W
CC X Fund subscription time zone	M	1!n	Delta on column X
CD Y Subscription settlement	M	1!n	Delta on column Y
CE Z Subscription lead time	M	1!n	Delta on column Z
CF AA Payment	M	1!n	Delta on column AA
CG AB Fund Processing Group (Default)	M	1!n	Delta on column AB
CH AC Fund market group	M	1!n	Delta on column AC
CI AD Fund manager id	M	1!n	Delta on column AD
CJ AE Fund manager name	M	1!n	Delta on column AE
CK AF CBL PoSK type	M	1!n	Delta on column AF
CL AG Class	M	1!n	Delta on column AG
CM AH Fund category	M	1!n	Delta on column AH
CN AI Legal structure	M	1!n	Delta on column AI
CO AJ Market ref for BD	M	1!n	Delta on column AJ
CP AK NAV calculation frequency	M	1!n	Delta on column AK
CQ AL NAV calculation periodicity	M	1!n	Delta on column AL
CR AM NAV calculation description	M	1!n	Delta on column AM
CS AN Redemption fee	M	1!n	Delta on column AN
CT AO Subscription minimum initial cash amount	M	1!n	Delta on column AO
CU AP Subscription fee	M	1!n	Delta on column AP
CV AQ Issuer (I)CSD	M	1!n	Delta on column AQ
CW AR ETF	M	1!n	Delta on column AR
CX AS OHA settlement account	M	1!n	Delta on column AS

2. Published Fund List - file specifications

Column/Field name	M/O	Format	Content
CY AT FIA	M	1!n	Delta on column AT
CZ AU T2S active	M	1!n	Delta on column AU
DA AV Subscription by amount	M	1!n	Delta on column AV
DB AW Redemption by amount	M	1!n	Delta on column AW
DC AX Redemption by quantity	M	1!n	Delta on column AX
DD AY Redemption by quantity	M	1!n	Delta on column AY
DE AZ Switch by amount (1-to-1)	M	1!n	Delta on column AZ
DF BA Switch by quantity (1-to-1)	M	1!n	Delta on column BA
DG BB Switch by amount (1-to-n)	M	1!n	Delta on column BB
DH BC Switch by quantity (1-to-n)	M	1!n	Delta on column BC

3. Published Fund List in fund domicile time zones - file specifications

Published Fund List in fund domicile time zone is available on a daily basis as:

- Standard report providing Vestima fund reference data in fund domicile time zone;
- Delta report providing Vestima fund reference data in fund domicile time zone and showing which attributes have changed compared to the previously generated report.

Each row in the specifications table below is referenced by a letter in the “Column” column. This corresponds to the column references when opening a file in standard spreadsheet software¹.

The “M/O” column indicates the usage of each field:

- M indicates mandatory² - information is always present
- O indicates optional - information is present when available or applicable.

Note: The Standard and Delta report version of Published Fund List in fund domicile time zones are only available for retrieval via Vestima web-browser interface and Xact File Transfer.

Shared content

Both report types contain the data described in the following table.

Column/Field name	M/O	Format	Content
A ISIN	O	12!c	International Securities Identification Number
B Common code	M	9!c	Identifier of the fund class allocated jointly by CBL and Euroclear Bank
C Fund name	M	100x	Descriptive name of the fund class
D Umbrella ID	O	8x	CBL's identification of the umbrella or legal entity to which the fund class (compartment) belongs
E Umbrella name	O	40x	Name of the umbrella or legal entity to which the fund class (compartment) belongs
F OHA ID	M	8x	CBL's identification of the Order Handling Agent (receiver of orders sent by CBL on behalf of customers)
G OHA name	M	35x	Name of the Order Handling Agent
H CBL PoSK ID	M	2!c	CBL's identification of CBL's place of safekeeping
I CBL PoSK name	M	35x	Name of CBL's place of safekeeping
J Fund ccy	M	3!a	ISO code of the base currency the fund class

1. Please be aware that, with such software, you may experience formatting issues, in particular with regard to field separators and date values.
2. Replacement values will be used for fund classes where the data is not relevant and/or confidential.

3. Published Fund List in fund domicile time zones - file specifications

Column/Field name	M/O	Format	Content
K NAV ccy	M	3!a[/3!a]...	ISO currency code(s) of the Net Asset Value (NAV) of the fund class; when more than one, separated by forward slash ("/")
L CBL decimal places	M	1!n	Number of decimals available for CBL's record keeping of the fund class, in the range of 0 to 6 inclusive
M CBL cut-off time for redemptions	0	time	Time before which a redemption order must reach CBL for a secured forwarding to the OHA for further execution. When present, it is expressed in "CET" (that is, UTC+1 in winter, UTC+2 in summer).
N CBL Redemption time zone	0	5a	CBL redemption cut-off time zone according to the prospectus
O Fund cut-off redemption	0	3!a	CBL settlement method for redemptions, when present, one of the following: <ul style="list-style-type: none"> • "DVP" = Delivery versus payment • "FPC" = Free of payment contractual
P Fund cut-off redemption	0	16x	Day on which a redemption order must reach the OHA to be considered for the next NAV, expressed as "Dealing Day" or "NAV Date x BD" where x = number of Business Days
Q Fund cut-off time for redemptions	0	time	Redemption cut-off time according to the prospectus
R Fund redemption time zone	0	5a	Redemption cut-off time zone according to the prospectus (follows the DST where applicable)
S Redemption settlement	0	16x	Settlement period for redemptions, expressed as "Dealing Day" or "NAV Date x BD" where x = number of Business Days
T Redemption lead time	0	3n	Delta between CBL cut-off and fund cut-off for redemptions, given in minutes
U CBL cut-off time for subscriptions	0	time	Time before which a subscription order must reach CBL for a secured forwarding to the OHA for further execution. When present, it is expressed in "CET" (that is, UTC+1 in winter, UTC+2 in summer).
V CBL Subscription time zone	0	5a	CBL subscription cut-off time zone according to the prospectus.
W CBL subscription settlement	0	3!a	CBL settlement method for subscriptions, when present, one of the following: <ul style="list-style-type: none"> • "DVP" = Delivery versus payment • "FPA" = Free of payment actual • "FPC" = Free of payment contractual • "FPP" = Free of payment prepaid
X Fund cut-off subscription	0	16x	Day on which a subscription order must reach the OHA to be considered for the next NAV, expressed as "Dealing Day" or "NAV Date x BD" where x = number of Business Days
Y Fund cut-off time for subscriptions	0	time	Subscription cut-off time according to the prospectus
Z Fund subscription time zone	0	5a	Subscription cut-off time zone according to the prospectus (follows the DST where applicable)
AA Subscription settlement	0	16x	Settlement period for subscriptions, expressed as "Dealing Day" or "NAV Date x BD" where x = number of Business Days
AB Subscription lead time	0	3n	Delta between CBL cut-off and fund cut-off for subscriptions, given in minutes

3. Published Fund List in fund domicile time zones - file specifications

Column/Field name	M/O	Format	Content
AC Payment	0	18x	When a subscription order is to be paid, either "On Order" (for prepaid subscriptions), "On Settlement Date" or (if the payment method cannot be determined) "Undefined"
AD Fund Processing Group (Default)	M	11x	Fund Processing Group (Default) will allow a customer to identify the defaulted order routing venue as follows: <ul style="list-style-type: none"> • "Vestima" • "VestimaPRIME" • "No Order Routing" - only custody and settlement are supported • "CBL ineligible" - ISIN is non-qualified at CBL
AE Fund market group	M	35x	Category of pricing, one of the following: <ul style="list-style-type: none"> • "A" = Fund market group A pricing • "B" = Fund market group B pricing • "C" = Fund market group C pricing • "CFF Hosted" = (CFF) Hosted pricing
AF Fund manager id	0	8x	CBL's identification of the fund manager
AG Fund manager name	0	35x	Name of the fund manager
AH CBL PoSK type	0	8a	Type of CBL's place of safekeeping: <ul style="list-style-type: none"> • "CFF" = the fund class is held directly on the fund's register of shareholders via CFF • "DOMESTIC", "COMMON", "SPECIAL" = as defined in "Depository banks in alphabetic order" on the Clearstream website
AI Class	0	4x	Specification of the shares of the fund class
AJ Fund category	0	4a	Dividend policy of the fund class, when present, one of the following: <ul style="list-style-type: none"> • "DIST" = distribution • "CAP" = capitalisation
AK Legal structure	0	16x	Definition of the legal structure of the fund (for example, "SICAV", "FCP", "OEIC")
AL Market ref for BD	0	40x[/40x]...	Name(s) of jurisdiction or stock exchange used to specify the valuation days of the fund class; when more than one, separated by forward slash ("/")
AM NAV calculation frequency	0	12a	Frequency of the NAV calculation: <ul style="list-style-type: none"> • "ANNUALLY" • "DAILY" • "FORTNIGHTLY" • "MONTHLY" • "QR" (quarterly) • "SM" (semi-annually) • "WEEKLY"
AN NAV calculation periodicity	0	2n	Granularity of the NAV calculation frequency (for example, a frequency of "MONTHLY" with a periodicity of 2 means that the NAV is calculated twice a month)
AO NAV calculation description	0	40x	Description of the NAV calculation frequency (for example, "1ST BD OF MONTH")
AP Redemption fee	0	70x	Redemption fees according to the prospectus

3. Published Fund List in fund domicile time zones - file specifications

Column/Field name	M/O	Format	Content
AQ Subscription minimum initial cash amount	0	3!a 10n	Minimum initial cash amount (including currency code) required for subscriptions according to the prospectus
AR Subscription fee	0	70x	Subscription fees according to the prospectus
AS Issuer (I)CSD	0	11!c	BIC of issuing (I)CSD
AT ETF	0	11!a	CBL's classification as exchange traded fund ("Y" or "N")
AU OHA settlement account	0	50x	Counterparty settlement account for OIs. Single account if settlement in CBL. PSET and xEAG if settlement in domestic depository.
AV FIA	0	50x	Fund Issuance Account for CFF qualified fund shares
AW T2S active	M	1!a	Specification if the fund is active in T2S ("Y" or "N")
AX Subscription by amount	0	1!a	Specification if order type applies ("Y" or "N")
AY Subscription by quantity	0	1!a	Specification if order type applies ("Y" or "N")
AZ Redemption by amount	0	1!a	Specification if order type applies ("Y" or "N")
BA Redemption by quantity	0	1!a	Specification if order type applies ("Y" or "N")
BB Switch by amount (1-to-1)	0	1!a	Specification if order type applies ("Y" or "N")
BC Switch by quantity (1-to-1)	0	1!a	Specification if order type applies ("Y" or "N")
BD Switch by amount (1-to-n)	0	1!a	Specification if order type applies ("Y" or "N")
BE Switch by quantity (1-to-n)	0	1!a	Specification if order type applies ("Y" or "N")

Published Fund List in fund domicile time zone with Delta

In addition to the table with shared content (see above), the Published Fund List in fund domicile time zone with Delta also has the information described in the following table.

Column/Field name	M/O	Format	Content
BF Removal reason	0	18x	Reason why an ISIN has been removed from current data set (for example, matured)
BG Previous report date	M	date	Date of data set that is used for comparison
BH Current report date	M	date	Date of current data set
BI Change type	M	3!a	Identifies the type of record change: <ul style="list-style-type: none"> • "NEW" = New record (not contained in comparison data set). All delta columns are set to "1" • "CHG" = Changed record, one or more columns changed (delta indicator "1") from comparison data set. • "UNC" = Unchanged record, no column changed from comparison data set. All delta columns are set to "0" • "REM" = Removed record, was part of previous data set. All delta columns are set to "2"
BJ to DL (see below)	M	1!n	Data delta indicator, one of the following: <ul style="list-style-type: none"> • "0" = no change • "1" = changed • "2" = removed

3. Published Fund List in fund domicile time zones - file specifications

Column/Field name	M/O	Format	Content
BJ C Fund name	M	1!n	Delta on column C
BK D Umbrella id	M	1!n	Delta on column D
BL E Umbrella name	M	1!n	Delta on column E
BM F OHA id	M	1!n	Delta on column F
BN G OHA name	M	1!n	Delta on column G
BO H CBL PoSK id	M	1!n	Delta on column H
BP I CBL PoSK name	M	1!n	Delta on column I
BQ J Fund ccy	M	1!n	Delta on column J
BR K NAV ccy	M	1!n	Delta on column K
BS L CBL decimal places	M	1!n	Delta on column L
BT M CBL cut-off time for redemptions	M	1!n	Delta on column M
BU N CBL redemption time zone	M	1!n	Delta on column N
BV O CBL redemption settlement	O	1!n	Delta on column O
BW P Fund cut-off redemption	M	1!n	Delta on column P
BX Q Fund cut-off time for redemptions	M	1!n	Delta on column Q
BY R Fund redemption time zone	M	1!n	Delta on column R
BZ S Redemption settlement	M	1!n	Delta on column S
CA T Redemption lead time	M	1!n	Delta on column T
CB U CBL cut-off time for subscriptions	M	1!n	Delta on column U
CC V CBL Subscription time zone	M	1!n	Delta on column V
CD W CBL subscription settlement	M	1!n	Delta on column W
CE X Fund cut-off subscription	M	1!n	Delta on column X
CF Y Fund cut-off time for subscriptions	M	1!n	Delta on column Y
CG Z Fund subscription time zone	M	1!n	Delta on column Z
CH AA Subscription settlement	M	1!n	Delta on column AA
CI AB Subscription lead time	M	1!n	Delta on column AB
CJ AC Payment	M	1!n	Delta on column AC
CK AD Fund Processing Group (Default)	M	1!n	Delta on column AD
CL AE Fund market group	M	1!n	Delta on column AE
CM AF Fund manager id	M	1!n	Delta on column AF
CN AG Fund manager name	M	1!n	Delta on column AG
CO AH CBL PoSK type	M	1!n	Delta on column AH
CP AI Class	M	1!n	Delta on column AI
CQ AJ Fund category	M	1!n	Delta on column AJ
CR AK Legal structure	M	1!n	Delta on column AK
CS AL Market ref for BD	M	1!n	Delta on column AL
CT AM NAV calculation frequency	M	1!n	Delta on column AM
CU AN NAV calculation periodicity	M	1!n	Delta on column AN
CV AO NAV calculation description	M	1!n	Delta on column AO
CW AP Redemption fee	M	1!n	Delta on column AP
CX AQ Subscription minimum initial cash amount	M	1!n	Delta on column AQ
CY AR Subscription fee	M	1!n	Delta on column AR

3. Published Fund List in fund domicile time zones - file specifications

Column/Field name	M/O	Format	Content
CZ AS Issuer (I)CSD	M	1!n	Delta on column AS
DA AT ETF	M	1!n	Delta on column AT
DB AU OHA settlement account	M	1!n	Delta on column AU
DC AV FIA	M	1!n	Delta on column AV
DD AW T2S active	M	1!n	Delta on column AW
DE AX Subscription by amount	M	1!n	Delta on column AX
DF AY Redemption by quantity	M	1!n	Delta on column AY
DG AZ Redemption by amount	M	1!n	Delta on column AZ
DH BA Redemption by quantity	M	1!n	Delta on column BA
DI BB Switch by amount (1-to-1)	M	1!n	Delta on column BB
DJ BC Switch by quantity (1-to-1)	M	1!n	Delta on column BC
DK BD Switch by amount (1-to-n)	M	1!n	Delta on column BD
DL BE Switch by quantity (1-to-n)	M	1!n	Delta on column BE

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