Updating history

No.	Issue Date	Details
1	2020-01-06	First issue
2	2020-10-19	Changes below for Pre-Opening Session (POS) Enhancement in the Securities Market, with effect from the issue of 19 Oct 2020 : i. Add POS indicator and VCM_PARAM in the following Stock Static Data files: - Equity securities - Warrants - Debt securities - Exchange traded funds (“ETF”) - Leveraged and inverse products (“L&I Products”) - Real estate investment funds(“REIT”) - Other unit trusts/mutual funds - Equity linked instruments(“ELI”) - Callable bull/bear contracts (“CBBC”) Update on following item with effect immediately ii. Clarification added in the description for field “SUB_TO” under Warrants file

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Data structure

Securities Attribute Daily Files (to-be-listed) is available before trading commences to provide latest static attributes on to-be-listed securities for the day after next trading day. It also covers securities with temporary or multiple counters where the first trading date is on the day after next trading day.

The securities list and attributes in this file are based on the latest information obtained when the file is generated. As there may be changes before the listing date, updated information will be reflected on Securities Attribute Daily File.

The data provided in Securities Attribute Daily Files (to-be-listed) is presented in 11 files:

1) Securities attribute file – equity;
2) Securities attribute file – warrants;
3) Securities attribute file – debt securities;
4) Securities attribute file – exchange traded funds (“ETF”);
5) Securities attribute file – leveraged and inverse products (“L&I Product”);
6) Securities attribute file – real estate investment trusts (“REIT”);
7) Securities attribute file – other unit trusts/mutual funds;
8) Securities attribute file – equity linked instruments ("ELI");
9) Securities attribute file – callable bull/bear contracts ("CBBC");
10) Securities attribute file – Chinese name ; and
11) Registrar data file – share and trust registrars

The data files are provided in comma separated values (.csv) format with text in quotes. The first record is the header record containing the field names.

The data files are zipped into a single file for delivery. The following table lists out the data files to be found within the zipped file:

File name	Contents
equity*_yyyymmdd*	Basic capital and financial data of to-be-listed stocks as at the start of the day yyyymmdd. It covers ordinary and preference shares as well as trading-only NASDAQ stocks.
warrant*_yyyymmdd*	Basic static information on to-be-listed warrants as at the start of the day yyyymmdd. It covers equity warrants and derivative warrants.
debt*_yyyymmdd*	Basic static information on to-be-listed debt securities as at the start of the day yyyymmdd.
etf*_yyyymmdd*	Basic static information on to-be-listed exchange traded funds (ETF) as at the start of the day yyyymmdd.
lip*_yyyymmdd*	Basic static information on to-be-listed leverage and inverse products (LIP) as at the start of the day yyyymmdd.

reit_*yyyymmdd*	Basic static information on to-be-listed real estate investment trusts (REIT) as at the start of the day yyyymmdd.
other_trust_*yyyymmdd*	Basic static information on to-be-listed unit trusts/mutual funds other than exchange traded funds, leverage and inverse products, and real estate investment trusts as at the start of the day yyyymmdd.
eli_*yyyymmdd*	Basic static information on to-be-listed equity linked instruments (ELI) as at the start of the day yyyymmdd.
cbbc_*yyyymmdd*	Basic static information on to-be-listed callable bull/bear contracts (CBBC) as at the start of the day yyyymmdd.
Chinese_*yyyymmdd*	Chinese name on all to-be-listed stocks as at the start of the day yyyymmdd
registrar_*yyyymmdd*	Contact information on share and trust registrars

1. Securities attribute file – equity

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT	Numeric 7 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

** The Stock Exchange of Hong Kong only assigns ISIN for securities of which the issuing companies are registered in Hong Kong. For other HK-listed securities of which the issuing companies are registered outside Hong Kong, the ISIN codes are being assigned and updated by the National Numbering Agencies or their substitute agencies of the corresponding countries. The Stock Exchange of Hong Kong collects the above information on best effort basis.

Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = Y Format is YYYY/MM/DD
18	REGISTRAR	Character 4 bytes	Code of the registrar. Refer to the registrar file for details
19	FILLER	Numeric 1 byte	Filter
20	AUTH_SH	Numeric 15 bytes	Number of authorised shares **This data item is not applicable to NASDAQ stocks and H Shares**
21	ISS_SH	Numeric 15 bytes	Number of issued shares based on the listing documents submitted by Issuer
22	ISS_SH_DATE	Character 10 bytes	Number of issued shares as at date Format is YYYY/MM/DD
23	MARKET_CAP *	Numeric 15 bytes	Market capitalisation in trading currency as at the start of the day
24	EPS *	Numeric 15 bytes S9(5).9(8)	Earnings per shares. EPS = 0 if N/A or negative earnings Value is accurate to 4 decimal places
25	EPS_CUR *	Character 3 bytes	Currency of EPS
26	EPS_IND *	Character 1 byte	'A' if the EPS is an adjusted value
27	PE_RATIO *	Numeric 7 bytes 9(4).9(2)	Price earnings ratio as at the start of the day.
28	DPS *	Numeric 14 bytes 9(5).9(8)	Dividend per shares Value is accurate to 4 decimal places
29	DPS_CUR *	Character 3 bytes	Currency of DPS
30	DPS_IND *	Character 1 byte	'A' if the DPS is an adjusted value
31	YIELD *	Numeric 7 bytes 9(4).9(2)	Dividend yield as at the start of the day
32	PAR	Numeric 14 bytes 9(5).9(8)	Par value Value is accurate to 5 decimal places
33	PAR_CUR	Character 3 bytes	Currency of PAR
34	BAL_SH_DATE *	Character 10 bytes	Balance sheet date Format is YYYY/MM/DD
35	PROFIT *	Numeric 15 bytes	Net profit

Item no.	Field name	Data type/ Maximum length	Description
36	PROFIT_CUR *	Character 3 bytes	Currency of PROFIT
37	NAV *	Numeric 15 bytes	Net asset value
38	NAV_CUR *	Character 3 bytes	Currency of NAV
39	RESRV *	Numeric 15 bytes	Total reserves
40	RESRV_CUR *	Character 3 bytes	Currency of RESERVE
41	HSIC_CODE	Character 4 bytes	Hang Seng Industry Classification Code provided by Hang Seng Indexes Company Limited **Please see footnote ****
42	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security 'Y' – CAS applicable 'N' – CAS not applicable
43	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security 'Y' – VCM applicable 'N' – VCM not applicable
44	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable
45	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

** The industry and sector classification results of the Hang Seng Industry Classification System referred to in this section ("HSICS Information") is provided by Hang Seng Indexes Company Limited. Neither Hang Seng Indexes Company Limited nor any of its holding companies and subsidiaries nor HKEX Information Services Limited nor any of its holding companies and subsidiaries provides any warranties of any kind in relation to such HSICS Information (including, without limitation, that the HSICS Information is fit or suitable for any purpose, or that any person will obtain any particular results by using or relying on the HSICS Information) or accepts any responsibilities for its accuracy, completeness, timeliness and/or consistency, or for any loss or damage whatsoever and howsoever suffered or incurred by any person. With the use of or the access to the HSICS Information any person receiving any HSICS Information from HKEX Information Services Limited or any of its holding companies or subsidiaries irrevocably and unconditionally accepts and agrees to be bound by this disclaimer

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* Blank if the attribute is not yet available before the trading date

2. Securities attribute file – warrants

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT	Numeric 7 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD Blank if listing date is not available
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

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Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = 'Y' Format is YYYY/MM/DD
18	BASKET_IND	Character 1 byte	To distinguish basket warrants Possible values are : 'Y' – basket warrant 'N' – not basket warrant
19	CALL_PUT	Character 1 byte	To indicate call/put type Possible values are : 'C' – call 'P' – Put 'O' – Others
20	EXER_STYLE	Character 1 byte	Exercise style Possible values are : 'A' – American 'E' – European
21	SETTLE_TYPE	Character 1 byte	Settlement type 'C' – Cash 'P' – Physical
22	BD_LOT_NOM	Numeric 16 bytes 9(13).9(2)	Board lot nominal
23	BLN_CUR	Character 3 bytes	Currency of BD_LOT_NOM
24	AMT_ISS	Numeric 19 bytes 9(15).9(3)	Amount issued
25	AMT_ISS_UNIT	Character 1 byte	Amount issued unit indicator 'U' – in units '$' – in dollars
26	AMT_ISS_CUR	Character 3 bytes	Currency of AMT_ISS in dollars
27	ISUB_PR	Numeric 16 bytes 9(7).9(8)	Initial subscription price
28	ISUB_PR_CUR	Character 3 bytes	Currency of ISUB_PR
29	AMT_OS	Numeric 19 bytes 9(15).9(3)	Amount outstanding (Indicate the number of Warrant outstanding in the market)
30	AMT_OS_UNIT	Character 1 byte	Amount outstanding unit indicator 'U' – in units '$' – in dollars
31	AMT_OS_CUR	Character 3 bytes	Currency of AMT_OS in dollars

Item no.	Field name	Data type/ Maximum length	Description
32	AMT_OS_DATE	Character 10 bytes	Amount outstanding as at date Format is YYYY/MM/DD
33	SUB_PR	Numeric 16 bytes 9(7).9(8)	Subscription price or strike level
34	SUB_PR_CUR	Character 3 bytes	Currency of subscription price
35	SUB_PR_CF	Numeric 16 bytes 9(7).9(8)	Capped/Floor subscription price/strike level
36	SUB_RATIO	Numeric 16 bytes 9(7).9(8)	Subscription ratio
37	SUB_RPU	Numeric 16 bytes 9(7).9(8)	Subscription rights per unit
38	SUB_FROM	Character 10 bytes	Subscription period – from (inclusive) Format is YYYY/MM/DD
39	SUB_TO	Character 10 bytes	Subscription period – to (inclusive) which is equivalent to the Expiry date of the warrant Format is YYYY/MM/DD
40	PREMIUM	Numeric 13 bytes 9(4).9(8)	Premium as at the start of day Zero if N/A Value is accurate to 3 decimal places 9999.999 if the value overflows
41	UNDERLYING	Character 10 bytes	Corresponding code of underlying which could be stock code / index code / currency code / commodity code / other code. Refers to UNDER_TYPE for type of underlying.
42	UNDER_TYPE	Character 2 bytes	To indicate the type of underlying. Possible values are : ‘03’ – Equity ‘04’ – Index ’05’ – Currency ’06’ – Commodity ‘99’ – Others
43	UNDER_NAME	Character 100 bytes	Description of the corresponding underlying.
44	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security ‘Y’ – CAS applicable ‘N’ – CAS not applicable
45	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security ‘Y’ – VCM applicable ‘N’ – VCM not applicable

Item no.	Field name	Data type/ Maximum length	Description
46	ISTR_PR_LOWER	Numeric 16 bytes 9(7).9(8)	Initial Lower Strike Price / Level
47	ISTR_PR_UPPER	Numeric 16 bytes 9(7).9(8)	Initial Upper Strike Price / Level
48	STR_PR_LOWER	Numeric 16 bytes 9(7).9(8)	Lower Strike Price / Level
49	STR_PR_UPPER	Numeric 16 bytes 9(7).9(8)	Upper Strike Price / Level
50	EXOTIC_TYPE	Character 100 bytes	Exotic Type
51	ISSUER_NAME	Character 120 bytes	Full name of Issuer
52	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable
53	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

* Blank if the attribute is not yet available before the trading date

3. Securities attribute file – debt securities

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID *	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME *	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT *	Numeric 6 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD Blank if listing date is not available
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

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Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = Y Format is YYYY/MM/DD
18	BD_LOT_NOM *	Numeric 16 bytes 9(13).9(2)	Board lot nominal
19	BLN_CUR	Character 3 bytes	Currency of BD_LOT_NOM
20	PR_AMT *	Numeric 15 bytes	Principal amount
21	PR_AMT_CUR	Character 3 bytes	Currency of PR_AMT
22	AMT_RD_DATE *	Character 10 bytes	Date of amount raised Format is YYYY/MM/DD
23	ISS_PR *	Numeric 16 bytes 9(7).9(8)	Issue price in % Weighted average of issue price in % if have further issues with different issue price
24	AMT_OS *	Numeric 15 bytes	Amount outstanding (Indicate the number of debt securities outstanding in the market)
25	AMT_OS_CUR	Character 3 bytes	Currency of AMT_OS
26	MATURITY *	Character 10 bytes	Maturity date Format is YYYY/MM/DD
27	COUPON *	Numeric 16 bytes 9(7).9(8)	Interest rate / coupon rate in %.
28	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security 'Y' – CAS applicable 'N' – CAS not applicable
29	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security 'Y' – VCM applicable 'N' – VCM not applicable
30	ISSUER_NAME	Character 120 bytes	Full name of Issuer
31	INVESTOR_TYPE *	Character 2 bytes	To indicate the type of debt securities. Possible values are : '01' – Public '02' – Professional

32	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable
33	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

* Blank if the attribute is not yet available before the trading date

4. Securities attribute file – exchange traded funds ("ETF")

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT	Numeric 6 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

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Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = 'Y' Format is YYYY/MM/DD
18	FUND_MGR	Character 120 bytes	Fund manager
19	REGISTRAR	Character 4 bytes	Code of the trust registrar Refer to the registrar file for details
20	ORIG_PRICE	Numeric 13 bytes 9(4).9(8)	Original offer price Value is accurate to 3 decimal places
21	ORIG_PR_CUR	Character 3 bytes	Currency of ORIG_PRICE
22	LAUNCH_DATE	Character 10 bytes	Date launched Format is YYYY/MM/DD
23	AMT_OS	Numeric 15 bytes	Amount outstanding (Indicate the number of ETF outstanding in the market)
24	AMT_OS_UNIT	Numeric 1 byte	Amount outstanding unit indicator 'U' – AMT_OS is in units '$' – AMT_OS is in dollars
25	AMT_OS_CUR	Character 3 bytes	Currency of AMT_OS
26	AMT_OS_DATE	Character 10 bytes	Amount outstanding as at date Format is YYYY/MM/DD
27	DIST_PU	Numeric 16 bytes 9(7).9(8)	Distribution per unit
28	YIELD	Numeric 16 bytes 9(7).9(8)	Yield
29	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security 'Y' – CAS applicable 'N' – CAS not applicable
30	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security 'Y' – VCM applicable 'N' – VCM not applicable
31	ASSET_CLASS	Character 4 bytes	To indicate the type of asset class. Possible values are : '0001' – Equity '0002' – Fixed Income '0003' – Money Market '0004' – Commodity '0005' – Multi-asset

Item no.	Field name	Data type/ Maximum length	Description
32	REP_METHOD	Character 4 bytes	To indicate the replication method of the ETF. Possible values are : '0001' – Physical '0002' – Synthetic '0003' – Futures Based
33	UNDERLYING	Character 10 bytes	Corresponding code of underlying which could be stock code / index code / currency code / commodity code / other code. Refers to UNDER_TYPE for type of underlying.
34	UNDER_TYPE	Character 2 bytes	To indicate the type of underlying. Possible values are : '03' – Equity '04' – Index '05' – Currency '06' – Commodity '99' – Others
35	UNDER_NAME	Character 100 bytes	Description of the corresponding underlying.
36	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable
37	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

* Blank if the attribute is not yet available before the trading date

5. Securities attribute file – leveraged and inverse products ("L&I Product")

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT	Numeric 6 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD Blank if listing date is not available
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

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Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = 'Y' Format is YYYY/MM/DD
18	FUND_MGR	Character 120 bytes	Fund manager
19	REGISTRAR	Character 4 bytes	Code of the trust registrar Refer to the registrar file for details
20	ORIG_PRICE	Numeric 13 bytes 9(4).9(8)	Original offer price Value is accurate to 3 decimal places
21	ORIG_PR_CUR	Character 3 bytes	Currency of ORIG_PRICE
22	LAUNCH_DATE	Character 10 bytes	Date launched Format is YYYY/MM/DD
23	AMT_OS	Numeric 15 bytes	Amount outstanding (Indicate the number of L&IP outstanding in the market)
24	AMT_OS_UNIT	Numeric 1 byte	Amount outstanding unit indicator 'U' – AMT_OS is in units '$' – AMT_OS is in dollars
25	AMT_OS_CUR	Character 3 bytes	Currency of AMT_OS
26	AMT_OS_DATE	Character 10 bytes	Amount outstanding as at date Format is YYYY/MM/DD
27	DIST_PU	Numeric 16 bytes 9(7).9(8)	Distribution per unit
28	YIELD	Numeric 16 bytes 9(7).9(8)	Yield
29	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security 'Y' – CAS applicable 'N' – CAS not applicable
30	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security 'Y' – VCM applicable 'N' – VCM not applicable
31	ASSET_CLASS	Character 4 bytes	To indicate the type of asset class. Possible values are : '0001' – Equity '0002' – Fixed Income '0003' – Money Market '0004' – Commodity '0005' – Multi-asset

Item no.	Field name	Data type/ Maximum length	Description
32	REP_METHOD	Character 4 bytes	To indicate the replication method of the L&I Product. Possible values are : '0001' – Futures Based '0002' – Swap Based
33	LEV_INV_FACTOR	Numeric 2 bytes	To indicate the corresponding leverage / inverse factor
34	UNDERLYING	Character 10 bytes	Corresponding code of underlying which could be stock code / index code / currency code / commodity code / other code. Refers to UNDER_TYPE for type of underlying.
35	UNDER_TYPE	Character 2 bytes	To indicate the type of underlying. Possible values are : '03' – Equity '04' – Index '05' – Currency '06' – Commodity '99' – Others
36	UNDER_NAME	Character 100 bytes	Description of the corresponding underlying.
37	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable
38	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

* Blank if the attribute is not yet available before the trading date

6. Securities attribute file – real estate investment trusts ("REIT")

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT	Numeric 6 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD Blank if listing date is not available
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

** The Stock Exchange of Hong Kong only assigns ISIN for securities of which the issuing companies are registered in Hong Kong. For other HK-listed securities of which the issuing companies are registered outside Hong Kong, the ISIN codes are being assigned and updated by the National Numbering Agencies or their substitute agencies of the corresponding countries. The Stock Exchange of Hong Kong collects the above information on best effort basis.

Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = Y Format is YYYY/MM/DD
18	FUND_MGR	Character 120 bytes	Fund manager
19	REGISTRAR	Character 4 bytes	Code of the trust registrar Refer to the registrar file for details
20	ORIG_PRICE	Numeric 13 bytes 9(4).9(8)	Original offer price Value is accurate to 3 decimal places
21	ORIG_PR_CUR	Character 3 bytes	Currency of ORIG_PRICE
22	LAUNCH_DATE	Character 10 bytes	Date launched Format is YYYY/MM/DD
23	AMT_OS	Numeric 15 bytes	Amount outstanding (Indicate the number of REIT outstanding in the market)
24	AMT_OS_UNIT	Numeric 1 byte	Amount outstanding unit indicator 'U' – AMT_OS is in units '$' – AMT_OS is in dollars
25	AMT_OS_CUR	Character 3 bytes	Currency of AMT_OS
26	AMT_OS_DATE	Character 10 bytes	Amount outstanding as at date Format is YYYY/MM/DD
27	DIST_PU	Numeric 16 bytes 9(7).9(8)	Distribution per unit
28	YIELD	Numeric 16 bytes 9(7).9(8)	Yield
29	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security 'Y' – CAS applicable 'N' – CAS not applicable
30	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security 'Y' – VCM applicable 'N' – VCM not applicable
31	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable

Item no.	Field name	Data type/ Maximum length	Description
32	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

* Blank if the attribute is not yet available before the trading date

7. Securities attribute file – other unit trusts/mutual funds

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT	Numeric 6 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD Blank if listing date is not available
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

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Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = 'Y' Format is YYYY/MM/DD
18	FUND_MGR	Character 120 bytes	Fund manager
19	REGISTRAR	Character 4 bytes	Code of the trust registrar Refer to the registrar file for details
20	ORIG_PRICE	Numeric 13 bytes 9(4).9(8)	Original offer price Value is accurate to 3 decimal places
21	ORIG_PR_CUR	Character 3 bytes	Currency of ORIG_PRICE
22	LAUNCH_DATE	Character 10 bytes	Date launched Format is YYYY/MM/DD
23	AMT_OS	Numeric 15 bytes	Amount outstanding (Indicate the number of other unit trusts/mutual funds outstanding in the market)
24	AMT_OS_UNIT	Numeric 1 byte	Amount outstanding unit indicator 'U' – AMT_OS is in units '$' – AMT_OS is in dollars
25	AMT_OS_CUR	Character 3 bytes	Currency of AMT_OS
26	AMT_OS_DATE	Character 10 bytes	Amount outstanding as at date Format is YYYY/MM/DD
27	DIST_PU	Numeric 16 bytes 9(7).9(8)	Distribution per unit
28	YIELD	Numeric 16 bytes 9(7).9(8)	Yield
29	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security 'Y' – CAS applicable 'N' – CAS not applicable
30	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security 'Y' – VCM applicable 'N' – VCM not applicable

Item no.	Field name	Data type/ Maximum length	Description
31	ASSET_CLASS	Character 4 bytes	To indicate the type of asset class. Possible values are : '0001' – Equity '0002' – Fixed Income '0003' – Money Market '0004' – Commodity '0005' – Multi-asset
32	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable
33	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

* Blank if the attribute is not yet available before the trading date

8. Securities attribute file – equity linked instruments

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT	Numeric 6 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD Blank if listing date is not available
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

** The Stock Exchange of Hong Kong only assigns ISIN for securities of which the issuing companies are registered in Hong Kong. For other HK-listed securities of which the issuing companies are registered outside Hong Kong, the ISIN codes are being assigned and updated by the National Numbering Agencies or their substitute agencies of the corresponding countries. The Stock Exchange of Hong Kong collects the above information on best effort basis.

Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = 'Y' Format is YYYY/MM/DD
18	BASKET_IND	Character 1 byte	To distinguish basket ELI Possible values are : 'Y' – basket ELI 'N' – not basket ELI
19	ELI_TYPE	Character 2 bytes	ELI type. Possible values are: '01' – Bull '02' – Bear '03' – Range
20	SETTLE_TYPE	Character 1 byte	Settlement type 'C' – Cash 'P' – Physical
21	AMT_ISSUED	Numeric 15 bytes	Amount issued in units
22	ISS_PR	Numeric 16 bytes 9(7).9(8)	Issue price
23	ISS_PR_CUR	Character 3 bytes	Currency of ISS_PR
24	PAR	Numeric 16 bytes 9(7).9(8)	Par value
25	PAR_CUR	Character 3 bytes	Currency of PAR
26	PAR_BD_LOT	Numeric 16 bytes 9(13).9(2)	Par value per board lot for ELI
27	ISTRK_PR_L	Numeric 16 bytes 9(7).9(8)	Initial strike price for bull/bear ELI Initial lower strike price for range ELI
28	ISTRK_PR_U	Numeric 16 bytes 9(7).9(8)	Blank for bull/bear ELI Initial upper strike price for range ELI
29	STRK_PR_L	Numeric 16 bytes 9(7).9(8)	Strike price for bull/bear ELI Lower strike price for range ELI
30	STRK_PR_U	Numeric 16 bytes 9(7).9(8)	Blank for bull/bear ELI Upper strike price for range ELI
31	STRK_PR_CUR	Character 3 bytes	Currency of ISTRK_PR_L, STRK_PR_L, ISTRK_PR_U and STRK_PR_U
32	AMT_OS	Numeric 15 bytes	Amount outstanding (Indicate the number of ELI outstanding in the market)

Item no.	Field name	Data type/ Maximum length	Description
33	AMT_OS_UNIT	Character 1 byte	Amount outstanding unit indicator 'U' – AMT_OS is in units '$' – AMT_OS is in dollars
34	AMT_OS_CUR	Character 3 bytes	Currency of AMT_OS
35	AMT_OS_DATE	Character 10 bytes	Amount outstanding as at date Format is YYYY/MM/DD
36	YIELD	Numeric 16 bytes 9(7).9(8)	Yield to payment date for ELI
37	PAY_DATE	Character 10 bytes	Payment date Format is YYYY/MM/DD
38	EXPIRY_DATE	Character 10 bytes	Expiry date Format is YYYY/MM/DD
39	PROTECTION	Character 12 bytes 9(3).9(8)	Protection Applicable to capital protected instruments (CPI) only
40	GUAR_AV_INT	Character 11 byte 9(2).9(8)	Guaranteed average interest in % Applicable to capital protected instruments (CPI) only
41	SHARES	Numeric 15 bytes	Number of underlying shares at (lower) strike price for ELI
42	UNDERLYING	Character 5 bytes	Stock code of underlying stock. Applicable to ELI/CPI with a single stock as underlying only.
43	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security 'Y' – CAS applicable 'N' – CAS not applicable
44	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security 'Y' – VCM applicable 'N' – VCM not applicable
45	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable
46	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

* Blank if the attribute is not yet available before the trading date

9. Securities attibute file – callable bull/bear contracts ("CBBC")

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock See Appendix 1 for details
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	FULL_NAME	Character 60 bytes	Full name of stock
5	SHORT_NAME	Character 30 bytes	Short name of stock
6	SE_TYPE	Character 4 bytes	Code assigned to indicate the type of securities See table in Appendix 2 for valid values
7	TRAD_CUR	Character 3 bytes	Trading currency of stock
8	MARKET	Character 1 byte	Market code. Possible values are : 'M' – Main Board 'G' – GEM
9	ISIN *	Character 12 bytes	International Securities Identification Number **
10	BOARD_LOT	Numeric 6 bytes	Board lot
11	LIST_DATE	Character 10 bytes	Listing date. Format is YYYY/MM/DD Blank if listing date is not available
12	FIRST_DATE	Character 10 bytes	First trading date Format is YYYY/MM/DD
13	LAST_DATE	Character 10 bytes	Last trading date Format is YYYY/MM/DD
14	DELIST_DATE	Character 10 bytes	Delisting date Format is YYYY/MM/DD
15	SS_IND *	Character 1 byte	To indicate if a designated stock for short selling 'Y' – Designated for short selling 'N' – Not designated for short selling

** The Stock Exchange of Hong Kong only assigns ISIN for securities of which the issuing companies are registered in Hong Kong. For other HK-listed securities of which the issuing companies are registered outside Hong Kong, the ISIN codes are being assigned and updated by the National Numbering Agencies or their substitute agencies of the corresponding countries. The Stock Exchange of Hong Kong collects the above information on best effort basis.
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Item no.	Field name	Data type/ Maximum length	Description
16	SUSP_IND *	Character 1 byte	To indicate if suspended for trading at the start of the day 'Y' – Suspended 'N' – Not suspended
17	SUSP_DATE	Character 10 bytes	The start date of the suspension if SUSP_IND = 'Y' Format is YYYY/MM/DD
18	BASKET_IND	Character 1 byte	To distinguish basket CBBC Possible values are : 'Y' – basket CBBC 'N' – not basket CBBC
19	CBBC_TYPE	Character 2 bytes	CBBC type. Possible values are: '01' – Bull '02' – Bear
20	SETTLE_TYPE	Character 1 byte	Settlement type 'C' – Cash 'P' – Physical
21	BD_LOT_NOM	Numeric 16 bytes 9(13).9(2)	Board lot nominal
22	BLN_CUR	Character 3 bytes	Currency of BD_LOT_NOM
23	AMT_ISSUED	Numeric 15 bytes	Amount issued in units
24	ISS_PR	Numeric 16 bytes 9(7).9(8)	Issue price
25	ISS_PR_CUR	Character 3 bytes	Currency of ISS_PR
26	ICALL_PR	Numeric 16 bytes 9(7).9(8)	Initial callable price
27	CALL_PR	Numeric 16 bytes 9(7).9(8)	Callable price
28	CALL_PR_CUR	Character 3 bytes	Currency of ICALL_PR and CALL_PR
29	ISTRK_PR	Numeric 16 bytes 9(7).9(8)	Initial strike price
30	STRK_PR	Numeric 16 bytes 9(7).9(8)	Strike price
31	STRK_PR_CUR	Character 3 bytes	Currency of ISTRK_PR and STRK_PR
32	AMT_OS	Numeric 15 bytes	Amount outstanding (Indicate the number of CBBC outstanding in the market)

Item no.	Field name	Data type/ Maximum length	Description
33	AMT_OS_UNIT	Character 1 byte	Amount outstanding unit indicator 'U' – AMT_OS is in units '$' – AMT_OS is in dollars
34	AMT_OS_CUR	Character 3 bytes	Currency of AMT_OS
35	AMT_OS_DATE	Character 10 bytes	Amount outstanding as at date Format is YYYY/MM/DD
36	PAY_DATE	Character 10 bytes	Payment date Format is YYYY/MM/DD
37	EXPIRY_DATE	Character 10 bytes	Expiry date Format is YYYY/MM/DD
38	CON_RATIO	Numeric 16 bytes 9(7).9(8)	Conversion ratio Value is accurate to 3 decimal places For index CBBC, conversion ratio refers to the number of contracts per entitlement, while for equity CBBC, it refers to the number of shares entitled for 1 contract
39	UNDERLYING	Character 10 bytes	Corresponding code of underlying which could be stock code / index code / currency code / commodity code / other codeRefers to UNDER_TYPE for type of underlying.
40	UNDER_TYPE	Character 2 bytes	To indicate the type of underlying. Possible values are : '03' – Equity '04' – Index '05' – Currency '06' – Commodity '99' – Others
41	UNDER_NAME	Character 100 bytes	Description of the corresponding underlying.
42	CAS_IND *	Character 1 byte	To indicate if Closing Auction Session (CAS) is applicable to the security 'Y' – CAS applicable 'N' – CAS not applicable
43	VCM_IND *	Character 1 byte	To indicate if Volatility Control Mechanism (VCM) is applicable to the security 'Y' – VCM applicable 'N' – VCM not applicable
44	ISSUER_NAME	Character 120 bytes	Full name of Issuer
45	CBBC_CAT	Character 1 byte	To indicate if Residual value is applicable to the CBBC 'R' – No residual value 'N' – With residual value

Item no.	Field name	Data type/ Maximum length	Description
46	EXER_STYLE	Character 1 byte	CBBC Exercise style. Possible values are: 'A' – American 'E' – European
47	POS_IND	Character 1 byte	To indicate if Pre-Opening Session (POS) is applicable to the security 'Y' – POS applicable 'N' – POS not applicable
48	VCM_PARAM	Numeric 4 bytes	Indicate the +/- Trigger Level and Price Band within Cooling-off period of VCM '0' – VCM not applicable '1' – 10% '2' – 15% '3' – 20%

* Blank if the attribute is not yet available before the trading date

10. Securities attribute file – chinese name

Item no.	Field name	Data type/ Maximum length	Description
1	STKCODE	Character 5 bytes	Code assigned to the stock. This code is not unique since codes assigned to delisted stocks can be re-used.
2	STK_ID	Character 9 bytes	Unique identifier assigned to the stock
3	DATE	Character 10 bytes	Date of the respective trading day. Format is YYYY/MM/DD where YYYY - year MM - month DD - day
4	CFULL NAME	Character 60 Chinese characters	Full name of stock in Chinese
5	CSHRT NAME	Character 30 Chinese characters	Short name of stock in Chinese

11. Registrar data file

Item no.	Field name	Layout	Description
1	REGCODE	Character 4 bytes	Code assigned to the registrar.
2	REGNAME	Character 120 bytes	Name of the registrar
3	ADDRESS	Character variable length	Address of the registrar
4	FAX_1	Character 30 bytes	Fax number
5	FAX_2	Character 30 bytes	Fax number
6	TEL_1	Character 30 bytes	Telephone number
7	TEL_2	Character 30 bytes	Telephone number

APPENDIX 1

Unique Stock Identifier ("Stock ID")

Stock ID is a unique stock identifier assigned to a stock of securities. The stock ID is essential because (i) it identifies the same company regardless of changes of the company name or changes of the Exchange designated stock code ("stock code"); and (ii) it distinguishes different companies with the same stock code.

EXAMPLES

Same company with different company names

STOCK	*STK_ID*	*STK_NAME*
00005	**2034010**	The Hongkong & Shanghai Banking Corp Ltd
00005	**2034010**	HSBC Holdings plc

Different companies with the same stock code

STOCK	*STK_ID*	*STK_NAME*
00016	2043010	Jardine Securities Ltd
00016	2133010	Sun Hung Kai Properties Ltd

Same company with different stock codes and company names

STOCK	*STK_ID*	*STK_NAME*
00206	**2233010**	Cathay City Int'l Hldg Ltd
00206	**2233010**	MKI Corporation Ltd
00433	**2233010**	Sui Chong Holdings Ltd

Same company and company name with different stock codes

STOCK	*STK_ID*	*STK_NAME*
00016	2133010	Sun Hung Kai Properties Ltd
00018	2133010	Sun Hung Kai Properties Ltd

APPENDIX 2

Types of Securities

Code	Description
0101	Ordinary Shares
0102	Ordinary Shares - Investment Company
0103	Ordinary Shares - Depositary Receipts
0104	Ordinary Shares - Stapled securities
0201	Preference Shares - Ordinary Company
0203	Preference Shares - Depositary Receipts
0301	Warrants - Equity Warrants
0302	Warrants - Equity Warrants Issued by Investment Company
0303	Warrants - Derivative Warrants for Stock
0304	Warrants - Derivative Warrants for Index
0305	Warrants - Derivative Warrants for Currency
0306	Warrants - Derivative Warrants for Mineral
0307	Equity Linked Instruments
0308	Callable Bull/Bear Contracts
0310	Inline Warrants
0401	Debt Securities
0501	Unit Trusts - Other Unit Trusts/Mutual Funds
0502	Unit Trusts - Exchange Traded Funds
0503	Unit Trusts - Real Estate Investment Trusts
0504	Unit Trusts - Leveraged and Inverse Products