Updating history

No.	Issue Date	Details
1	2008-01-04	First issue after the adoption of Hang Seng Industry Classification Code by the Exchange i. Cease to provide the industry classification based on the Exchange's definition starting from the issue of January 2008 ii. Add new field for industry classification code based on Hang Seng Industry Classification System (HSICS)
2	2014-11-17	Enlarge the data field length of HSIC_CODE in equity securities file from 3 bytes to 4 bytes, with effect from the issue of November 2014
3	2015-11-02	Update the Types of Securities list in Appendix 2
4	2016-07-15	Include CAS indicator and VCM indicator in the following Securities Attribute data file – Equity securities; – Warrants; – Debt securities; – Unit trusts/mutual funds – Equity linked instruments ("ELI") – Callable bull/bear contracts ("CBBC") Remove (0601) Rights from the Type of Securities of Appendix 2
5	2016-11-04	Split unit trusts/mutual funds file into four files by the following types: – exchange traded funds; – leverage and inverse products; – real estate investment trusts; – other unit trusts/mutual funds
		Add five reserved fields in warrants file
6	2018-02-05	Update description of market code value 'G' Update HKEX company short name
7	2018-08-07	Update the Type of Securities of Appendix 2, with effect from the issue of Sep 2018: i. 0501: Changed description from "Unit Trusts" to "Unit Trusts - Other Unit Trusts/Mutual Funds" ii. 0502-504: Newly added

8	2019-06-24	Update on following items with effect from the issue of July 2019 i. Section 2 - renamed 5 fields from filler for introduction of inline warrants - ISTR_PR_LOWER - ISTR_PR_UPPER - STR_PR_LOWER - STR_PR_UPPER - EXOTIC_TYPE ii. Section 2 - maximum length of AMT_ISS and AMT_OS lengthened to 19 bytes iii. Appendix 2 - Added new Type of Securities in 0310: Inline Warrants iv. All sections - Maximum length of SHORT_NAME lengthened to 30 bytes

9	2019-12-06	Update on following items with effect from the issue of January 2020 i. Section 2 (warrants) - Extend to cover Index, Currency, Commodity and other codes for UNDERLYING - Maximum length of UNDERLYING lengthened to 10 bytes - Add new fields: UNDER_TYPE, UNDER_NAME and ISSUER_NAME ii. Section 3 (debt securities) - Add new fields: ISSUER_NAME and INVESTOR_TYPE iii. Section 4 (ETF) - Add new fields: ASSET_CLASS, REP_METHOD, UNDERLYING, UNDER_TYPE and UNDER_NAME iv. Section 5 (L&I Product) - Add new fields: ASSET_CLASS, REP_METHOD, LEV_INV_FACTOR, UNDERLYING, UNDER_TYPE and UNDER_NAME v. Section 7 (other unit trusts/mutual funds) - Add new field: ASSET_CLASS vi. Section 9 (CBBC) - Extend to cover Index, Currency, Commodity and other codes for UNDERLYING - Maximum length of UNDERLYING lengthened to 10 bytes - Add new fields: UNDER_TYPE, UNDER_NAME , ISSUER_NAME, CBBC_CAT and EXER_STYLE vii. Sections 2 (warrants), 3 (debt securities), 4 (ETF), 5 (L&I Product), 6 (REIT), 7 (other unit trusts/mutual funds), 8 (ELI) and 9 (CBBC) - Update description for AMT_OS

10	Sep 2020	Update on following items due to Pre-Opening Session (POS) enhancement, with effect from the issue of October 2020 i. Add POS indicator and VCM_PARAM in the following Securities Attribute 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
11	2021-06-11	Update on following items with effect from the issue of July 2021: i. Section 1 - maximum length of AUTH_SH, IIS_SH, and PAR lengthened to 20 bytes, ii. Sections 4, 5, 6, 7 - maximum length of AMT_OS lengthened to 20 bytes

Data structure – from January 2008

The data provided in Securities Attribute data are presented in 11 files:

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

The Securities Attribute data files provide static information on different types of securities. 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_*yyyymm*	Basic capital and financial data of equity stocks as at the end of the month yyyymm. Stocks covered include ordinary and preference shares as well as trading-only NASDAQ stocks
warrant_*yyyymm*	Basic static information on warrants as at the end of the month yyyymm. Stocks covered include equity warrants and derivative warrants.
debt_*yyyymm*	Basic static information on debt securities as at the end of the month yyyymm.
etf_*yyyymm*	Basic static information on exchange traded funds as at the end of the month yyyymm.
lip_*yyyymm*	Basic static information on leverage and inverse products as at the start of the day yyyymm.
reit_*yyyymm*	Basic static information on real estate investment trusts as at the start of the day yyyymm.
other_trust_*yyyymm*	Basic static information on 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 yyyymm.
eli_*yyyymm*	Basic static information on equity linked instruments as at the end of the month yyyymm.

cbbc_*yyyymm*	Basic static information on callable bull/bear contracts as at the end of the month yyyymm.
Chinese_*yyyymm*	Chinese name on all stocks as at the end of the month yyyymm
registrar_*yyyymm*	Contact information on share and trust registrars

1. Securities Attribute data file – equity 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 month-end. 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
16	SUSP_IND	Character 1 byte	To indicate if suspended for trading at the end of the month 'Y' – Suspended 'N' – Not suspended

* 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
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	Filler
20	AUTH_SH	Numeric 20 bytes	Number of authorised shares as at the end of the month **This data item is not applicable to NASDAQ stocks and H Shares**
21	ISS_SH	Numeric 20 bytes	Number of issued shares See Appendix 3 for the practice in updating the number of issued shares
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 end of the month
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 end of the month.
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 end of the month
32	PAR	Numeric 20 bytes 9(7).9(12)	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
36	PROFIT_CUR	Character 3 bytes	Currency of PROFIT

Item no.	Field name	Data type/ Maximum length	Description
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 **Provision of this data item commenced from the issue of January 2008. 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

* 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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Item no.	Field name	Data type/ Maximum length	Description
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%

2. Securities Attribute data 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 month-end. 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
16	SUSP_IND	Character 1 byte	To indicate if suspended for trading at the end of the month 'Y' – Suspended 'N' – Not suspended

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Item no.	Field name	Data type/ Maximum length	Description
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
32	AMT_OS_DATE	Character 10 bytes	Amount outstanding as at date Format is YYYY/MM/DD

Item no.	Field name	Data type/ Maximum length	Description
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 end of month 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
46	ISTR_PR_LOWER	Numeric 16 bytes 9(7).9(8)	Initial Lower Strike Price / Level

Item no.	Field name	Data type/ Maximum length	Description
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 byte	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%

3. Securities Attribute data 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 month-end. 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
16	SUSP_IND	Character 1 byte	To indicate if suspended for trading at the end of the month 'Y' – Suspended 'N' – Not suspended

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Item no.	Field name	Data type/ Maximum length	Description
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

Item no.	Field name	Data type/ Maximum length	Description
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%

4. Securities Attribute data 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 month-end. 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
16	SUSP_IND	Character 1 byte	To indicate if suspended for trading at the end of the month 'Y' – Suspended 'N' – Not suspended

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Item no.	Field name	Data type/ Maximum length	Description
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 20 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%

5. Securities Attribute data 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 month-end. 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 end of the month '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 20 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%

6. Securities Attribute data 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 month-end. 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 *	Characte 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
16	SUSP_IND	Character 1 byte	To indicate if suspended for trading at the end of the month 'Y' – Suspended 'N' – Not suspended

* 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
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
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%

7. Securities Attribute data 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 month-end. 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 end of the month '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 20 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
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	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%

8. Securities Attribute data 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 month-end. 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
16	SUSP_IND	Character 1 byte	To indicate if suspended for trading at the end of the month 'Y' – Suspended 'N' – Not suspended

* 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
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)
33	AMT_OS_UNIT	Character 1 byte	Amount outstanding unit indicator 'U' – AMT_OS is in units '$' – AMT_OS is in dollars

Item no.	Field name	Data type/ Maximum length	Description
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%

9. Securities Attribute data 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 month-end. 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
16	SUSP_IND	Character 1 byte	To indicate if suspended for trading at the end of the month 'Y' – Suspended 'N' – Not suspended

* 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
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)
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

Item no.	Field name	Data type/ Maximum length	Description
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 code. Refers 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 byte	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
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%

10. 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 month-end. 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

APPENDIX 3

HKEX's practice in updating the record of Number of Issued Shares of Hong Kong Listed Companies

The number of issued shares provided in Securities Attribute data is based on the record kept by HKEX which is updated with the following practices :

1. The movement of issued share capital is largely based on the monthly report submitted by the listed companies. In general, the listed companies submit the report not later than the 10th day of each month. The number of issued shares as at the end of the previous month is provided in the monthly report.

2. On receiving the monthly reports, HKEX starts updating the records which will usually have completed by the 15th day of the month

3. Points 1. and 2. imply that there is a time lag between the actual effective date of the new issued share capital and the date when the figure becomes available

4. In case of bonus or rights issues, the number of issued shares will be adjusted accordingly with effect from the ex-date

5. In case of share splits or share consolidations, the number of issued shares will be adjusted accordingly with effect from the effective date

6. Other capital changes such as placing shares, share subscription and consideration issues, etc., the number of issued shares will be updated only after the shares concerned have been issued and allotted to the shareholders.

The number of issued shares of the NASDAQ stocks traded under the "Pilot Programme for Trading US Securities" is obtained from the NASDAQ website and provided for reference only