ASX ReferencePoint®
Master List Manual

Version: 4.0 – Updated: November 2025

Contents

Introduction

ASX Information Services is a financial information service provider delivering daily market information from the Australian Security Exchange's single integrated trading platform known as the ASX Trade, the Market Announcements Platform (MAP) and the central securities depository (CSD) system EXIGO.

Master List Introduction

Master List is a file that provides subscribers with the securities component containing information on issuers, securities and calendar details. This file is available to the public, member organisations and information vendors.

Also parts of the ASX ReferencePoint Master List product offering are the following files:

- A security cross reference file that maps securities in the Master List with securities on the ASX Trade™ Workstation.
- mFund PDS (Product Disclosure Statement) and Profile Details file
- ASX Austraclear OTC A$ Wholesale Debt Securities ISIN file
- ASX Trade24 Traded Securities Contracts Specifications

A. ASX Trade Traded Securities, ASX Quoted Securities and Alternative Market Operators (ALMOs) Quoted Securities:

Master List on ASX Trade traded, ASX quoted and Alternative Market Operators quoted securities is a batch file produced on trading days after the completion of end of day processing. A complete download of security data is available after end of day processing on the last trading day of the week.

In relation to the ETF (Exchange Traded Funds) Master List file, because ETF composition is not determined until closer to the start of trading, the E04 file containing the ST – Exchange Traded Funds Detail Message is usually made available no later than 1 hour prior to market opening. On a normal trading day, this is no later than 9:00am. The GG Date Label message in the ETF Master List file will show the current business date for which the basket composition is applicable.

Warrant Master List file (E11) is made available on T+1 from approximately 1:30am.

B. The cross reference file consists of three (3) full file downloads at the following designated days and times:

1. First file (XRyymmdd.csv) – full file download at 4:30 am following each business day. This means that the file is available on a non-business-day (e.g. Saturday).
2. Second File (KRyymmdd.csv) – interim full file download at 8:30 am.
3. Third/Final File (CRyymmdd.csv) - full file download at around 9:45 am, just before the 10:00 am trading opening time. This is to capture any change/update to data made during pre-open. This means that the file will not be available on a non-business day (e.g. Saturday).

C. The mFund PDS and Profile Details file is available every ASX Business Days from 10:30 pm.

D. ASX Austraclear OTC A$ Wholesale Debt Securities ISIN file (OTC ISIN_ddmmyy.xls) is a weekly full download of securities that are active at the time the file is produced. This file does not contain information on securities that have become inactive since the last file full download. This file also does not contain a data flag to indicate new securities since the last file full download. The file is available from 9:00am on the first business day of the week.

E. ASX Trade24 Traded Securities Contracts Specifications document is updated when:

- there is a change to the specifications of an existing contract
- information on a new contract is added
- information on a contract that has expired is removed

Master List Files Format and Access

Master List file is available in two formats and two delivery mechanisms:

- Comma separated (CSV) format via internet connection utilising ASX Online B2B web portal

The order of data fields appearing for each message is detailed in the Message Structure section of this manual.

The Message Structure also provides a schematic presentation indicating the order of the data fields within the message and the column location of the data is provided.

The ASX Trade Cross Reference and mFund PDS & Profile Details files are only available in CSV format and can only be accessed via internet connection utilising ASX Online B2B web portal.

ASX Austraclear OTC A$ Wholesale Debt Securities ISIN file (OTCISIN.CSV) is available in CSV format via internet connection utilising ASX Online B2B web portal.

ASXTrade24 Traded Securities Contracts Specifications document is available in PDF format via internet connection utilising ASX Online B2B web portal.

Master List File Composition

File Description	CSV File Name	Fixed Field Length File Name via ASXOnline	Message Types Content
Security Master List	E01___.csv	E01___.MAG (E_01__.yyyymmdd.MAG access via VPN discontinued effective 28/01/13)	GG, SA, SB, SE, SK, SL, SM, SO, SP, SQ, SX, GE
Overnight Security Changes	E02___.csv	E02___.MAG (E_02__.yyyymmdd.MAG access via VPN discontinued effective 28/01/13)	GG, SA, SB, SE, SK, SL, SM, SO, SP, SQ, GE
ETF Master List	E04___.csv	E04___.MAG (E_04__.yyyymmdd.MAG access via VPN discontinued effective 28/01/13)	GG, ST, SZ, GE
Warrant Master List (Basket)	E11___.csv	E11___.MAG (E_11__.yyyymmdd.MAG access via VPN discontinued effective 28/01/13)	GG, SU, GE
Index Master List	E09___.csv	E09___.MAG (E_09__.yyyymmdd.MAG access via VPN discontinued effective 28/01/13)	GG, SX, GE
Cross Reference	XRyymmdd.CSV contained within XRyymmdd.ZIP (4:30 am file) KRyymmdd.CSV contained within KRyymmdd.ZIP (8:30am file) CRyymmdd.CSV contained within CRyymmdd.ZIP (9:45am file)		
mFund PDS and Profile Details	E15.CSV		GG, SJ, GE
ASX Austraclear Over the Counter (OTC) Australian Dollars Wholesale Debt Securities ISIN	**OTCISIN.csv**		
ASX Trade24 Traded Securities Contracts Specification	Con_specs.pdf		

Message Types

General Messages

Type	Name	Comments
GE	End of Transmission	This is the last message type sent and represents the end of file.
GG	Date Label	This is the first message type sent and represents the date on which this file was processed. This date is that of the previous trading day. The time field is zero filled.

Standard Master List Messages

Type	Name	Comments
SA	Beginning of Security Details	This is a header message type that indicates security records are to follow. It contains the date on which the file was produced, that is, the previous trading day. The time field is zero filled.
SB	Basic Issuer Details	This message contains details on the companies that issue securities. An SB message type is disseminated for each issuer during a security download but is only transmitted in the security changes file if any of the issuer details have been altered or an issuer is added or deleted. Interrogation of the File Content Indicator field will determine the reason the SB message type has been generated. Generally, issuers who no longer have quoted securities are disseminated for at least three months after the quote removal date of those securities, or longer, if there are still outstanding trades to be settled against those securities.
SE	Calendar Details	This message indicates on a national the status of trading/non-trading days and business/non-business days. Note: With the introduction of automated trading, all Exchange Identifications are national. These message types are disseminated as part of service option codes containing either full security download or security changes files.

Security Details Messages

ASX Trade Traded Securities, ASX Quoted Securities and Alternative Market Operators (ALMOs) Quoted Securities

These contain details on the securities issued by companies, as well as details of published indices (SX Message). These message types are disseminated for each security or index during a security download, but are only transmitted in the security changes file if any of the security or index details have been altered or a security or index is added or deleted. Interrogation of the File Content Indicator field will determine why the message type has been generated.

Generally, details on securities that have ceased quotation are disseminated for at least three months after the quote removal date, or longer if there are still outstanding trades to be settled.

Type	Name	Comments
SJ	mFund PDS and Profile Details	Disseminated for mFund securities admitted to ASX for settlement, including links to Product Disclosure Statement (PDS) document.
SK	Security Details – Equities	Disseminated for quoted ordinary and preference shares (fully and partly paid, and deferred), ETFs, Funds (Aqua Products), unit trusts and all rights securities. Security types 01-11 and 15-38
SL	Security Details – Interest Rate Securities & Convertible Notes	Disseminated for Interest Rate securities, including Government and semi-Government Bonds, company debentures and unsecured notes, quoted but non-screen tradable interest rate security products, convertible notes, converting notes and transferable deposits. Security types 12, 50-51, 60-64, 66, 70-73, 80-81 and 83
SM	Security Details – Company Options	Disseminated for quoted company issued options, both tradeable & not tradeable. Security types 40-45
SO	Security Details – Warrants & Structured Products	Disseminated for warrants and structured products traded on the ASX Warrants & Structured Products market. Security types 39, 46-49, 52-59 and 65
SP	Security Details – Exchange Traded Options	Disseminated for Exchange Traded Options including LEPOs. Security types 90-93, 95
SQ	Security Details – ASX Futures Contracts	Disseminated for ASX Futures Contracts. Security types 85, 87, 94, 96, 97, 99
ST	Security Details – Exchange Traded Funds	Disseminated for Exchange Traded Funds (ETF, Security Type 7) - creation unit portfolio Since ETF compositions are not determined until closer to start of trading, the ST message may not be available at the usual Master List files time of approximately 9:00pm at end of each trading day. The ETF file will be made available no later than 1 hour prior to market open. Therefore, on a normal business day, no later than 9:00am. Creation unit portfolio details not lodged with the ASX after the designated time are not disseminated in the ST Message for that particular day. The GG Date Label message in the ETF file will show the current business date for which the basket composition is applicable.
SU	Basket Warrant Details	Disseminated to provide information on components of a warrant over a basket of securities.
SX	Index Details	Disseminated to provide basic details about each published ASX Index.
SZ	Security Details – Estimated Intra Day Net Asset Values	Disseminated to provide details for each ASX Code’s Estimated Intra- Day Net Asset Value (EIN).

Database Clean-Up

ASX runs a database clean-up program for equities on the first Saturday of the month following that months' first business day. The clean-up is run daily for Exchange Traded Options and ASX Futures Contract security codes.

At the end of each period, subscribers may receive in the securities changes component(s), any of the relevant security messages disseminated with a '4' (delete) in the files content indicator. These messages are generated for:

- Issuers and attached securities which are now redundant, due to a code change three or more months ago or because they no longer participate as an active underlying option or futures contract.
- For Equity Exchange Traded Options, a minimum of one calendar day after expiry, Index Exchange Traded Options and ASX Futures Contracts a minimum of two calendar days after expiry.
- Issuers and attached securities that formed a part of an issue package, have ceased trading, have no outstanding scrip and have been removed from quotation for a minimum of twelve (12) months to two years.
- Issuers and attached securities that are no longer part of a security or part of an underlying stocks and shares warrant.
- ASX Codes that are no longer quoted and no longer have outstanding trades/settlement activities on Chess.

Please note that for warrant codes, there is no standard time frame for reusing codes that have previously been allocated to securities. This means that a given ASX warrant code may be reused within a period of 2 months.

In relation to equity security codes, a period of 10 years needs to have elapsed before a given code may be reused.

Message Structure

Message Header Structure

The standard message header attached to all messages has the following structure:

Name	Size	Comments
Sequence Number	6	
Message Type	2	
Retransmit ID	1	

Every message is assigned a sequence number. The sequence number is incremented by one for each message sent. Sequence numbers will range from 1 to 999999 with wrap-around.

The message type describes the data being sent.

The Retransmit ID is zero filled for all messages for first time transmission of data.

GE – End of Transmission 15 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	GE
Retransmit ID	C	1	
Time	D	6	

GG – Date Label 23 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	GG
Retransmit ID	C	1	
Time	D	6	
Date	E	8	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SA – Beginning of Security Details 24 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SA
Retransmit ID	C	1	
Exchange ID	D	1	
Time	E	6	This field is zero filled
Date	F	8	

SB – Basic Issuer Details 151 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SB
Retransmit ID	C	1	
File Content Indicator	D	1	
Issuer Code	E	3	
Issuer Name	F	60	
Issuer Abbreviated Name	G	20	
Issuer Short Name	H	10	
Issuer Type	I	1	
Foreign Currency Indicator	J	3	
Industry Sub Groups	K	3	Currently zero filled
Incorporation Status	L	1	
Home Branch	M	1	
Share Register Locations	N	2	This field occurs 10 times
Reserved	O	10	Space filled 10 character field.
Foreign Listing Indicator	P	1	
GICS Sector Code	Q	8	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SE – Calendar Details 32 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SE
Retransmit ID	C	1	
File Contents Indicator	D	1	
Calendar Date	E	8	
Exchange ID	F	1	These fields occur 7 times.
Trading Day/Settlement Day Indicator (formerly Holiday Indicator)	F	1	Data field rename and definition change effective 01 September 2014.

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SK – Security Details – Equities 378 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SK
Retransmit ID	C	1	
File Content Indicator	D	1	
ASX Code	E	6	
ISIN	F	12	
Security Description	G	50	
Security Abbreviated Description	H	20	
Security Short Description	I	9	
Security Type	J	2	
Issuing Currency Indicator	K	3	
First Active Date	L	8	
First Quoted Date	M	8	
Last Quoted Date	N	8	

Name	Column*	Size	Comments
Suspension Start Date	O	8	
Suspension End Date	P	8	
Total Class Issue	Q	12	
Par Value	R	6	
Paid Up Value	S	6	
Basis of Quotation	T	2	This field occurs 5 times
Asset Backing	U	6	
Asset Backing Sign	V	1	
Earning Rate Per Share	W	6	
Earnings Rate Sign	X	1	
Dividend Rate Per Share	Y	8	
Statex Footnote	Z	1	
Dividend Paid Month(s)	AA	2	This field occurs 4 times
Last Dividend Declared	AB	10	
Scrip Dividend Amount	AC	8	
Dividend Type	AD	1	
Dividend Payable Date	AE	8	
Ex-Date	AF	8	
Franked Percent	AG	5	
Class A Franked Amount (not in use)	AH	8	Zero filled
Class B Franked Amount (not in use)	AI	8	Zero filled
Class C Franked Amount	AJ	8	
Gross Dividend Amount	AK	8	
Minimum Application Money	AL	9	
Maximum Application Money	AM	9	
Application Close Date	AN	8	
Quoted Security Indicator	AO	1	
Reserved (formerly Stamp Duty Indicator)	AP	8	Zero filled from 01 September 2014

Name	Column*	Size	Comments
Reserved (formerly Short Sell Indicator)	AQ	1	Blank filled from 01 September 2014
Pari-Passu Indicator	AR	1	
Index Participation Indicator	AS	1	
Reserved (formerly FAST Indicator)	AT	1	Zero filled from 01 September 2014
Netting Indicator	AU	1	
Fixed Settlement Type	AV	1	
Deferred Settlement Indicator	AW	1	
Issue Date	AX	8	Formerly called Despatch Date
CHESS Eligibility Indicator	AY	1	
Certificated Sub-Register Indicator	AZ	1	
Issuer Sponsored Sub-Register Indicator	BA	1	
Reserved	BB	2	Zero filled
First Settlement Date	BC	8	
CHESS Exception Indicators	BD	1	This field occurs 10 times
Total Annual Dividend Rate per Share	BE	8	
Last Active Date	BF	8	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SL – Security Details – Interest Rate Securities & Convertible Notes — 361 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SL
Retransmit ID	C	1	
File Content Indicator	D	1	
ASX Code	E	6	
ISIN	F	12	
Security Description	G	50	

Name	Column*	Size	Comments
Security Abbreviated Description	H	20	
Security Short Description	I	9	
Security Type	J	2	
Issuing Currency Indicator	K	3	
First Active Date	L	8	
First Quoted Date	M	8	
Last Quoted Date	N	8	
Suspension Start Date	O	8	
Suspension End Date	P	8	
Total Class Issue	Q	12	
Face Value	R	9	
Registration Unit Value	S	9	
Basis of Quotation	T	2	This field occurs 5 times. Blank filled for security type 73.
Maturity Date	U	8	
Proceeds Date	V	8	
First Payment Date	W	8	
Number of Interest Payments per Year	X	2	
Interest Rate	Y	11	
Current Interest Rate	Z	11	Zero filled for security type 73.
Current Interest Amount	AA	11	Zero filled for security type 73.
Interest Payable Date	AB	8	Zero filled for security type 73.
Ex-Date	AC	8	
Accrued Interest To Date	AD	6	Zero filled for security type 73.
Accrued Interest Sign	AE	1	Blank filled for security type 73.
Final Redemption Date	AF	8	
Final Conversion Date	AG	8	
Minimum Application Money	AH	9	

Name	Column*	Size	Comments
Maximum Application Money	AI	9	
Application Close Date	AJ	8	
Reserved (formerly Stamp Duty Indicator)	AK	8	Zero filled from 01 September 2014
Quoted Security Indicator	AL	1	
Reserved (formerly FAST Indicator)	AM	1	Zero filled from 01 September 2014
Netting Indicator	AN	1	
Fixed Settlement Type	AO	1	
Deferred Settlement Indicator	AP	1	
Despatch Date	AQ	8	
CHESS Eligibility Indicator	AR	1	
Certificated Sub-Register Indicator	AS	1	
Issuer Sponsored Sub-Register Indicator	AT	1	
Reserved	AU	2	Zero filled
First Settlement Date	AV	8	
CHESS Exception Indicators	AW	1	This field occurs 10 times
Yield Calculation Method Indicator	AX	1	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SM – Security Details – Company Options — 261 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SM
Retransmit ID	C	1	
File Content Indicator	D	1	
ASX Code	E	6	
ISIN	F	12	
Security Description	G	50	
Security Abbreviated Description	H	20	
Security Short Description	I	9	
Security Type	J	2	
Issuing Currency Indicator	K	3	
First Active Date	L	8	
First Quoted Date	M	8	
Last Quoted Date	N	8	
Suspension Start Date	O	8	
Suspension End Date	P	8	
Total Class Issue	Q	12	
Basis of Quotation	R	2	This field occurs 5 times
Expiry Date	S	8	
Exercise Price	T	9	
Minimum Application Money	U	9	
Maximum Application Money	V	9	
Application Close Date	W	8	
Reserved (formerly Stamp Duty Indicator)	X	8	Zero filled from 01 September 2014
Quoted Security Indicator	Y	1	
Reserved (formerly FAST Indicator)	Z	1	Zero filled from 01 September 2014
Netting Indicator	AA	1	
Fixed Settlement Type	AB	1	

Name	Column*	Size	Comments
Deferred Settlement Indicator	AC	1	
Despatch Date	AD	8	
CHESS Eligibility Indicator	AE	1	
Certificated Sub-Register Indicator	AF	1	
Issuer Sponsored Sub-Register Indicator	AG	1	
Reserved	AH	2	Zero filled
First Settlement Date	AI	8	
CHESS Exception Indicators	AJ	1	This field occurs 10 times

SO – Security Details – Warrants and Structured Products 441 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SO
Retransmit ID	C	1	
File Content Indicator	D	1	
ASX Code	E	6	
ISIN	F	12	
Security Description	G	50	
Security Abbreviated Description	H	20	
Security Short Description	I	9	
Security Type	J	2	
Issuing Currency Indicator	K	3	
First Active Date	L	8	
Last Active Date	M	8	
Suspension Start Date	N	8	
Suspension End Date	O	8	
Total Class Issue	P	12	
Underlying Product Code	Q	1	
Underlying Product	R	6	
Expiry Date	S	8	
Exercise Price	T	9	
Exercise Type Code	U	1	
Delivery Type Code	V	1	
Reserved (formerly Stamp Duty Indicator)	W	8	Zero filled from 01 September 2014
Quoted Security Indicator	X	1	Effective 07 December 2015 (formerly a “Reserved” data field and previously the FAST Indicator data field).
Fixed Settlement Type	Y	1	
Warrant Issuer	Z	3	
Netting Indicator	AA	1	

Name	Column*	Size	Comments
Deferred Settlement Indicator	AB	1	
Despatch Date	AC	8	
CHESS Eligibility Indicator	AD	1	
Certificated Sub-Register Indicator	AE	1	
Issuer Sponsored Sub-Register Indicator	AF	1	
Reserved	AG	2	Zero filled
First Settlement Date	AH	8	
CHESS Exception Indicators	AI	1	This field occurs 10 times
Warrants per Underlying Parcel/Index Warrant Multiplier	AJ	12	
Basis of Quotation	AK	2	This field occurs 5 times
Last Dividend Declared	AL	10	
Dividend Payable Date	AM	8	
Ex Date	AN	8	
Franked Percent	AO	5	
Class C Franked Amount	AP	8	
Warrant Type	AQ	4	
Shares per Warrant Underlying Parcel	AR	9	
Cash Component	AS	9	
Barrier Level	AT	10	
Barrier Level Discretionary Indicator	AU	1	
Cap Level	AV	10	
Reset Level	AW	10	
Reset Level Discretionary Indicator	AX	1	
Reset Date	AY	8	
Bonus Level	AZ	10	Effective 22 April 2016 (formerly Second Barrier Level data field)
Warrant Information Text	BA	80	

*Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SP – Security Details – Exchange Traded Options 180 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SP
Retransmit ID	C	1	
File Content Indicator	D	1	
ASX Code	E	6	
Security Description	F	50	
Security Abbreviated Description	G	20	
Security Short Description	H	9	
Security Type	I	2	
First Active Date	J	8	
Last Active Date	K	8	
Suspension Start Date	L	8	
Suspension End Date	M	8	
Shares per Contract/Contract Multiplier	N	12	
Underlying Product Code	O	1	
Underlying Product	P	6	
Expiry Date	Q	8	
Exercise Price	R	9	
Exercise Type Code	S	1	
Delivery Type Code	T	1	
ISIN	U	12	
Underlying Unit of Measure	V	1	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SQ – Security Details – ASX Futures Contracts 170 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SQ
Retransmit ID	C	1	
File Content Indicator	D	1	
ASX Code	E	6	
Security Description	F	50	
Security Abbreviated Description	G	20	
Security Short Description	H	9	
Security Type	I	2	
First Active Date	J	8	
Last Active Date	K	8	
Suspension Start Date	L	8	
Suspension End Date	M	8	
Shares per Contract/Contract Multiplier	N	12	
Underlying Product Code	O	1	
Underlying Product	P	6	
Expiry Date	Q	8	
Delivery Type Code	R	1	
ISIN	S	12	
Underlying Unit of Measure	T	1	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

ST – Exchange Traded Funds Detail			Variable – maximum 357 bytes
Name	**Column***	**Size**	**Comments**
Sequence Number	A	6	
Message Type	B	2	ST
Retransmit ID	C	1	
File Content Indicator	D	1	
ASX Basket Code	E	6	
Basket Security Description	F	30	
Linked Index Code	G	3	
Estimated Cash Component	H	9	
Cash Component Sign	I	1	
Total Creation Units	J	9	
EIN ASX Code	K	6	
Count	L	2	
Continue Marker	M	1	This message is capable of disseminating up to 20 values. If the number of values exceeds 20, for example 35, then one message will contain 20 values (with a Continue Marker = ‘0’) and a second ST record will be generated with 15 values (and a Continue Marker = ‘1’).
ASX Code	N	6	These fields occur *“Count”* times
Creation Basket Quantity	O	8	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SU – Basket Warrant Detail Message			**Variable – maximum 489 bytes**
Name	**Column***	**Size**	**Comments**
Sequence Number	A	6	
Message Type	B	2	SU
Retransmit ID	C	1	
File Content Indicator	D	1	
ASX Warrant Code	E	6	
Underlying Basket Description	F	50	
Count	G	2	
Continue Marker	H	1	This message is capable of disseminating up to 30 values. If the number of values exceeds 30, for example 55, then one message will contain 30 values (with a Continue Marker = ‘0’) and a second SU record will be generated with 25 values (and a Continue Marker = ‘1’).
ASX Code	I	6	These fields occur *“Count”* times
Basket Quantity	J	8	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SX – Index Detail Message 112 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SX
Retransmit ID	C	1	
File Content Indicator	D	1	
Index Code	E	3	
Index Group	F	3	
Index Description	G	50	
Index Abbreviated Description	H	20	
Index Short Description	I	9	
First Active Date	J	8	
Last Active Date	K	8	
Reserved (formerly Composite Index Identifier)	L	1	Reserved for future use. Field is currently blank filled.

SZ – Estimated Intra Day Net Asset Value Details 68 bytes

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SZ
Retransmit ID	C	1	
File Content Indicator	D	1	
EIN ASX Code	E	6	
EIN Description	F	30	
ASX Code (ETF)	G	6	
First Active Date	H	8	
Last Active Date	I	8	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

SJ – mFund PDS and Profile Details Message

Name	Column*	Size	Comments
Sequence Number	A	6	
Message Type	B	2	SJ
Retransmit ID	C	1	
Time	D	6	
Date	E	8	
Fund Code	F	6	
ISIN Code	G	12	
APIR Code	H	9	
Fund Name	I	50	
Fund Set-up Date	J	8	
Fund Commencement Date	K	8	
PDS Issue Date	L	8	
PDS Link	M	Up to 255	
Fund Profile Link	N	Up to 255	
Fund Status**	O	45	
Pricing Frequency**	P	12	
Minimum Application Amount**	Q	11	
Application Settlement Cycle**	R	35	
Redemption Settlement Cycle**	S	35	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.
** Effective 10 April 2017.

Cross Reference Data — 279 bytes

Name	Column*	Size	Comments
ASX Code	A	6	
ISIN	B	12	
Issuer Name	C	60	
Company ID	D	10	
Security Description	E	50	
Security Abbreviated Description	F	20	
Security Short Description	G	9	
Security Type	H	2	
Security Sub-Type	I	4	Not in use. Zero filled.
CFI Code	J	8	Not in use. Zero filled.
Security ID	K	10	
Issuer ID	L	10	
ASX Trade Trading Code (Series ID)	M	32	
ASX Trade Market Code	N	3	
ASX Trade Instrument Group	O	3	
ASX Trade Series Binary Code	P	40	

ASX Austraclear OTC Australian Dollars Wholesale Debt Securities ISIN File

Name	Column*	Size	Comments
ISIN Code	A	12	
Code	B	6	
Description	C	120	
External Instrument Class	D	6	
Maturity Date	E	10	
Issuer	F	6	

* Applicable to ASX Online CSV file subscribers. This is the column location of a field when the file is opened in a spreadsheet.

ASX Trade24 Traded Securities Contracts Specification File

<ASX Trade24 Traded Security Contract Name>

Key Information Available (Not all of the data fields are relevant and available for each of the SFE Contracts)
Approved Settlement List Procedures time of announcement minimum number of parties underlying securities for which yields shall be quoted quotation time and requirements time for obtaining quotes calculation procedures
Assignment
Calculation Procedures
Cash Settlement Day
Cash Settlement Price
Cash Settlement Process
Cash Settlement Value
CFTC Approved
Commodity Code
Contract Expiry
Contract Unit
Contract Months
Contract Value
Contract Value and Mandatory Settlement Value Calculations
Daily Price Limit
Delivery Period
Deliverable Tolerances
Exercise or Abandonment
Exercise of Options
Exercise Price
Expiration Date
Final Trading Day
Last Trading Day

Key Information Available (Not all of the data fields are relevant and available for each of the SFE Contracts)
Listing Date
Mandatory Settlement Day
Mandatory Settlement Price
Mandatory Settlement Value
Minimum Fluctuations
Minimum Price Movement
Position Limit(s)
Premium & Discounts
Premium Quotes
Premium Value
Price Quotes
Reference Code
Settlement
Settlement Day
Settlement Method
Standard Delivery
Ticker Code
Time for Obtaining Quotes
Trading Hours
Transaction Fee
Underlying Security
Unit Size

Field Definitions

The following alphabetic listing of all the field definitions referred to the preceding section provides details of bytes, format, description and valid values.

Please note that for all field definitions:

- Whenever a field shows a blank, it contains the ASCII space character (hex 20)
- All numeric fields are right-justified, zero filled and have implied decimal places.
- All alphabetic fields are left-justified and blank filled, unless otherwise stated.
- All times disseminated are based on a 24 hour clock.

Accrued Interest to Date	
Bytes	6
Format	Numeric 9(4)V9(2) (Expressed as cents to two decimal places).
Description	The Accrued Interest per one-hundred dollars face value as at the Settlement Date (as defined on Trade Records). Interest which has accumulated on a security since the Last Payment (as defined on Security Records).
Valid Values	N/A

Accrued Interest Sign	
Bytes	1
Format	Alphanumeric
Description	Identifies whether the accrued interest is a positive or a negative value.
Valid Values	+ = positive - = negative [] = space

APIR Code	
Bytes	9
Format	Alphanumeric
Description	A code issued by APIR (Asia Pacific Investment Register) that uniquely identifies a fund. It is widely used in the Funds industry.
Valid Values	N/A

Application Close Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Year MM = Month DD = Day
Description	The date until which applications to participate in a cash share issue will be accepted by the issuing body.
Valid Values	N/A

Application Settlement Cycle (Effective 10 April 2017)	
Bytes	35
Format	Alphanumeric
Description	Indicates the timing of unit allotment from application order requests in the Fund as provided by the Issuer.
Valid Values	" " = not subject to Application Settlement Cycle Payment + 1 day Payment + 2 days Payment + 3 days Payment + 4 days Payment + 5 days Payment + 6 days Payment + 7 days Payment + 8 days Payment + 9 days Payment + 10 days Payment + 11 days Payment + 12 days Payment + 13 days Payment + 14 days Payment greater than 14 Days Monthly Same business day

Asset Backing	
Bytes	6
Format	Numeric 9(4)V9(2) (Expressed in dollars and cents)
Description	Also known as Net Tangible Assets (NTA). This refers to the net assets owned by shareholders of a company at balance date. Asset Backing is an annual statistic which comes from the latest company reported figure. It is adjusted by dilution factors resulting from bonus and capital reconstruction. NTA = (Company reported NTA x Dilution Factor) The calculation will include any dilution factors which have occurred since the NTA figure was reported by the company. The dilution factors are accumulated by multiplying them together if there is more than one in this period.
Valid Values	N/A

Asset Backing Sign	
Bytes	1
Format	Alphanumeric
Description	Identifies whether the asset backing is a positive or negative value.
Valid Values	+ = positive - = negative [] = space

ASX Basket Code	
Bytes	6
Format	Alphanumeric
Description	A code allocated to identify a basket security product.
Valid Values	N/A

ASX Code	
Bytes	6
Format	Alphanumeric
Description	A code allocated to identify securities and derivative products.

A code allocated to identify securities and derivative products.

Equities, Convertible Notes and Company Options:

The first three characters (Issuer Code) are a code assigned to the issuing body, and the last three characters (Security Code) are a code allocated to each security pertaining to an issuing body. In the case of ordinary shares, the last three characters are generally blank filled.

In relation to equity security codes, a period of 10 years needs to have elapsed before a given code may be reused.

Interest Rate Securities:

The first three characters refer to the underlying security. The fourth character H indicates interest rate security, the fifth character is an alpha character - from A to Z, and the sixth character may be "empty/blank" or an alpha character - from A to Z.

For Exchange-traded Australian Government Bonds (AGBs), the following coding convention applies:

First Two Characters	GS
3rd Character	B for Fixed coupon, I for Indexed
4th Character	month of maturity (refer below list of values)
5th & 6th Characters	year of maturity (i.e. 2014 will be represented as 14)

For Corporate Bond CDIs, the following coding convention applies:

First three Characters	Issuer Code
4th & 5th Characters	Year of maturity (2017 will be represented as 17)
6th Character	month of maturity (refer below list of values)

<u>Values</u>

A or B for January	C or D for February
E or F for March	G or H for April
I or J for May	K or L for June
M or N for July	O or P for August
Q or R for September	S or T for October
U or V for November	W or X for December

Exchange Traded Options:

The first three characters refer to the underlying security. The fourth and fifth characters used in the coding of each strike of an option series are randomly generated. The sixth character will be the numeral 7, 8 or 9.

ASX Code convention for TORESS (TOtal REturn Single Stock) Options

Unique, to distinguish them from existing Exchange Trade Options.

The first two characters denote/map to the first 2 characters of the underlying ASX Code i.e. BH for BHP

The third character is a set numerical value i.e. 8 → BH8

The 4th and 5th characters are the clearing code which is randomly assigned by the ASX. Some codes include a 6th numerical character which is also a clearing code randomly assigned by ASX.

ASX Futures Contracts:

The first three characters refer to the underlying security. The fourth and fifth characters are an identifier for the expiry / maturity of the contract.

ASX Code

Warrants:

The first three characters refer to the underlying security; the **fourth character signifying a warrant group** may be a 'W', 'V', 'U', 'T ','I', 'J', 'S', 'E', 'X', 'Y', 'Z', 'D', 'K', 'L', M'; 'F' or 'Q' the **fifth character indicates the warrant issuer**; and the sixth character identifies the warrant series.

Warrant Group	Description Group
B	Bonus Certificate
W, V, U or T	Trading style warrants including equity calls and puts, index calls and puts, currency calls and puts.
I or J	Instalments
S	Self-Funding Instalments (SFIs) and Structured Investment Products (SIPs – these include longer-term investment style products).
E	Endowments
X, Y or Z	Warrants which have significantly different structures to any of the (above. Examples include equity and index knock-out warrants and Capital Plus Warrants.
D	This is a temporary code assigned to a warrant trading on a deferred settlement basis. The warrant will revert to its original code on the first day of normal trading after deferred settlement ends.
K or Q	MINIs
L	Guaranteed Stop Loss (GSL) MINIs
M	Listed Protected Loan
F	New Product Types

Warrant Issuer	Description Group
C	**CBOE**

In relation to warrant codes, there is no standard time frame for reusing codes that have previously been allocated to securities. This means that a given ASX warrant code may be reused within a period of 2 months.

ASX Book Build:

[ASX Ticker Code][identifier][BB]

The identifier is X by default, but moves down the alphabet depending on whether or not the same ASX BookBuild security code has recently been used by the BookBuild Issuer. It is therefore possible to have Y, Z or another letter of the alphabet as identifiers. The security description contains the word "BookBuild".

Unsponsored Depositary Receipts (UDRs) – Currently Not Active

UDRS will have four (4) characters ASX/Trading Code; the first 3 characters do not reference the issuing body.

The first character of the ASX/Trading code will be "U" signifying it is a UDR.

The 2nd to 4th characters of the code reference the underlying stock on the home exchange.

Valid Values	N/A

ASX Code (ETF)	
Bytes	6
Format	Alphanumeric
Description	The ASX Code for the Exchange Traded Fund Unit for which the Estimated Intraday Indicative Net Asset Value (EIN value) is applicable.
Valid Values	N/A

ASX Code (Warrant Basket)	
Bytes	6
Format	Alphanumeric
Description	The ASX Code of each of the component securities of the Basket Warrant.
Valid Values	N/A

ASXTrade Instrument Group	
Bytes	3
Format	Numeric
Description	A classification of different categories of traded instruments.
Valid Values	Valid ASX Trade Instrument Groups are in the ASX Trade Instrument Groups table.

ASXTrade Market Code	
Bytes	3
Format	Numeric
Description	An integer representing the market code.
Valid Values	Valid ASX Trade Market Codes are in the ASX Trade Market Code table.

ASXTrade Series Binary Code	
Bytes	40
Format	Text
Description	Unique identifier for the product being traded.
Valid Values	N/A

ASX Trade Trading Code (Series ID)	
Bytes	32
Format	Text
Description	Acts as a filter on the textual representation of the instrument series. Wildcard characters are supported such as "*" to filter matching series. For example: "*" will match all series "A*" will match all series beginning with letter "A"
Valid Values	N/A

ASX Warrant Code	
Bytes	6
Format	Alphanumeric
Description	A code allocated to identify a warrant which is over an underlying basket of securities.
Valid Values	N/A

Barrier Level	
Bytes	10
Format	Numeric 9(6)V9(4) (Expressed in dollars and cents to four (4) decimal places for non-index warrants and index points for index warrants)
Description	The dollar or index point at which warrant expiry may be automatically triggered before the original expiry date.
Valid Values	N/A

Barrier Level Discretionary Indicator	
Bytes	1
Format	Numeric
Description	An indicator that signifies automatic warrant expiry trigger upon breaching the barrier level is optional (discretionary) or mandatory (non-discretionary) for the warrant issuer.
Valid Values	0 = Discretionary 1 = Non-Discretionary

Basis Of Quotation	
Bytes	2, occurs 5 times
Format	Alphabetic
Description	Indicates the status under which a Security is quoted. In the case of trades, this field will only contain a value if the respective committees to trade outside the current stated Basis of Quotation have granted special permission. **Note:** Standard trading incorporates a fixed settlement period of 2 business days (T+2).
Valid Values	**Code** / **Description** **CD** Cum Dividend **XD** Ex Dividend **CR** Cum Rights Issue **XR** Ex Rights Issue **CT** Conditional Trading **CB** Cum Bonus Issue **XB** Ex Bonus Issue **CE** Cum Entitlement **XE** Ex Entitlement **CF** Cum Takeover Offer **XF** Ex Takeover Offer **CC** Cum Capital Return **XC** Ex Capital Return **PA** Protection Available **PU** Protection Unavailable **CM** Cum Premium Return **XM** Ex Premium Return **CQ** Cum Equal Access Buy-back **XQ** Ex Equal Access Buy back **NX** New Ex Interest **XI** Ex Interest **CL** Call Due **CP** Call Paid **CZ** Cum Non Pro-Rata Balance **XZ** Ex Non Pro-Rata Balance **RE** Reconstructed **RA** Receiver Appointed

Basket Security Description	
Bytes	30
Format	Alphanumeric
Description	Full description of a basket security as defined by the issuing body.
Valid Values	N/A

Basket Quantity	
Bytes	8
Format	Numeric 9(4)V9(4)
Description	This is the quantity of each of the ASX securities that form part of the underlying parcel.
Valid Values	N/A

Bonus Level	
Bytes	10
Format	Numeric 9(6)V9(4) (Expressed in dollars and cents to four (4) decimal places for non-index warrants and index points for index warrants)
Description	A pre-determined dollar or index point which adjusts the Redemption Amount of a Bonus Certificate depending on whether a barrier level has been reached.
Valid Values	N/A

Calendar Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Year MM = Month DD = Day
Description	The calendar date.
Valid Values	N/A

Cap Level	
Bytes	10
Format	Numeric 9(6)V9(4) (Expressed in dollars and cents to four (4) decimal places for non-index warrants and index points for index warrants)
Description	The entitlement a cap warrant holder receives if the value of the underlying instrument is equal to or greater than the maximum entitlement value on the expiry date.
Valid Values	N/A

Cash Component	
Bytes	9
Format	Numeric 9(7)V9(2) (Expressed as cents to two decimal places)
Description	The monetary component of an underlying parcel. Usually forms part of the underlying parcel in combination with an Equity underlying component.
Valid Values	N/A

Cash Component Sign	
Bytes	1
Format	Alphanumeric
Description	For Exchange Traded Funds this value indicates whether the Estimated Cash Component is a positive or a negative value.
Valid Values	+ = positive - = negative [] = space

Certificated Sub-register Indicator	
Bytes	1
Format	Numeric
Description	Indicates whether the Issuing body maintains a Certificated Sub-register for this security..
Valid Values	0 = No Certificated Sub-register exists for this security 1 = A Certificated Sub-register does exist for this security

CFI (Classification of Financial Instrument) Code	
Bytes	8
Format	Alphanumeric
Description	Classification of financial instrument as defined under ISO 10962. CFI codes provide more granular details of instrument structure and terms to enable better and more transparent financial instrument classification.
Valid Values	Currently zero (“0”) filled.

CHESS Eligibility Indicator	
Bytes	1
Format	Numeric
Description	An indicator designating the status of each security in relation to CHESS (the Clearing House Electronic Sub-registry System).
Valid Values	0 = Security not eligible to participate in CHESS 3 = Interim CHESS Phase 2 Status. (Non DvP settled. New trades to CHESS, CHESS sub-register open) 4 = CHESS eligible. Both monetary and share settlement are performed by CHESS (CHESS phase 2 - DvP - settled)

CHESS Exception Indicators	
Bytes	1, occurs 10 times
Format	Alphanumeric
Description	Single character code indicating CHESS exception conditions for a security.
Valid Values	A = Indicates the security is quoted on the Sydney Stock Exchange (SSX) C = Indicates the security is a CHESS Depositary Interest (CDIs) F = Indicates the security is subject to foreign ownership restrictions and that the issuer has agreed to administer such Foreign Ownership restrictions through CHESS G = Indicates the security is an Unsponsored Depositary Receipt (UDR) over a Dual Listed Company H = Indicates the security is Unsponsored Depositary Receipt (UDR) over a stock quoted on an exchange in Asia Pacific I = Indicates the security is Unsponsored Depositary Receipt (UDR) over a stock quoted on an exchange in North America/Europe N = Indicates that the security is quoted on the National Stock Exchange (NSX; formerly known as the Newcastle Stock Exchange) P = Personal Identification Number (PIN) is mandatory for Issuer Sponsored CHESS Transactions. S = Shareholder reference number is mandatory on certificated to/from CHESS transactions T = Indicates the security is quoted on CBOE Exchange V = Indicates that the security is quoted on the Sim Venture Exchange (SIM)

Class C Franked Amount	
Bytes	8
Format	Numeric 9(6)V9(2) (Expressed as cents to two decimal places; Australian Currency)
Description	The amount of dividend (comprising both cash and scrip) franked at Corporate Tax Rate. The information represents values applicable to holders of ASX Quoted securities who are Australian resident for Australian tax purposes. Values represented also cover frank information declared by foreign domiciled companies (i.e. mostly NZ) that are able to allocate Australian franking credits for Australian tax purposes.
Valid Values	N/A

Code (in the ASX Austraclear OTC A$ Wholesale Debt Securities ISIN file)	
Bytes	6
Format	Alphanumeric
Description	A six character code allocated to a specific issue of securities.
Valid Values	N/A

Company ID	
Bytes	10
Format	Numeric
Description	This field holds the identifier for a company which remains unchanged regardless of any Company Name and ASX Code changes. Data field values are “zero” for derivatives such as exchange traded options and futures. For warrants, this is the Company ID of the warrant issuer e.g. BHPIDA is issued by DBA (Deutsche Bank AG is the issuer). This number is DBA’s Company ID.
Valid Values	Any whole number.

Continue Marker	
Bytes	1
Format	Numeric
Description	Sent to indicate whether more of the same reference values will follow on the next record.
Valid Values	0 = Reference values continue to next record. 1 = End of record.

Count	
Bytes	2
Format	Numeric
Description	Number of times that a field or fields occurs in a message.
Valid Values	**0**-99

Creation Basket Quantity	
Bytes	8
Format	Numeric
Description	Provides composition details for the basket of stocks that has been established by the issuer. It details each line of stocks' quantity that must be delivered if a single ETF unit creation is ordered or will be received if a single ETF unit redemption is ordered. Updated daily.
Valid Values	N/A

Current Interest Amount	
Bytes	11
Format	Numeric 9(6)V9(5) (Expressed as cents to five decimal places)
Description	The amount of interest to be paid on Interest Payable Date.
Valid Values	N/A

Current Interest Rate	
Bytes	11
Format	Numeric 9(6)V9(5) [Expressed as a percentage to five decimal places except for Security Types 12 (High Denomination Convertible Notes), 50 (Convertible Notes) which are expressed as cents to five decimal places)
Description	The interest rate payable for a period on a loan security or convertible note.
Valid Values	N/A

Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date for which the data is applicable.
Valid Values	N/A

Deferred Settlement (Delivery) Indicator	
Bytes	1
Format	Numeric
Description	When this indicator is set to ‘1’, trades in the security will not be settled under the normal fixed period settlement regime. Instead, settlement will be postponed until after the Issue Date. This indicator is reset to ‘0’ when the security resumes a normal fixed settlement regime, on the business day after the Issue Date.
Valid Values	0 = Settlement is NOT deferred 1 = Settlement IS deferred

Delivery Type Code	
Bytes	1
Format	Alpha
Description	Indicates the type of settlement for derivative products.
Valid Values	C = Cash Settlement D = Physical Delivery (Scrip) Settlement P = Physical Delivery (commodity) Settlement T = Futures Contract Settlement

Description (in the ASX Austraclear OTC A$ Wholesale Debt Securities ISIN file)	
Bytes	120
Format	Alphabetic
Description	Description of instrument.
Valid Values	N/A

Dividend Paid Month(s)	
Bytes	2
Format	Numeric
Description	Represents the month(s) in which an issuer has historically paid a dividend over the last 4 payments. The most recent month appears first. Please note that the year will not be indicated.
Valid Values	01 = January 02 = February 03 = March 04 = April 05 = May 06 = June 07 = July 08 = August 09 = September 10 = October 11 = November 12 = December

Dividend Payable Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which the most recently announced dividend becomes/became due and payable to security holders.
Valid Values	N/A

Dividend Rate per Share	
Bytes	8
Format	Numeric 9(6)V9(2) (Expressed as cents to two decimal places)
Description	A rolling 12 months (latest half year plus prior half year) dividend rate per share as declared by the issuer and adjusted by dilution factors resulting from bonus and capital reconstruction. Each half yearly Dividend Rate per Share figure excludes any special cash or scrip dividend declared nearest to that half year. For quarterly dividends, the rolling 12 month figure is calculated on a quarterly basis.
Valid Values	N/A

Dividend Type	
Bytes	1
Format	Alphabetic
Description	A code indicating the type of dividend to be paid.
Valid Values	F = Final I = Interim

Earnings Rate per Share	
Bytes	6
Format	Numeric 9(4)V9(2) (Expressed as cents to two decimal places) For Security Type 11 this value is expressed as dollars rounded up to two decimal places.
Description	Rolling 12 months (latest half year plus prior half year) basic earnings per share as announced by the company and adjusted by dilution factors resulting from bonus and capital reconstruction. The full year is calculated as follows: Earning Rate per Share = [Company reported EPS(1) x Dilution Factor(1)] + [Company reported EPS(2) x Dilution Factor(2)] Where: (1) is the latest report and (2) is the report prior to the latest report. All dilution factors which have occurred since the EPS figure was reported by the company will be included in the calculation. The dilution factors are accumulated by multiplying them together if there is more than one in this period.
Valid Values	N/A

Earning Rate Sign	
Bytes	1
Format	Alphanumeric
Description	Identifies if the basic earning rate per share is a positive or a negative value.
Valid Values	+ = positive - = negative [] = space

EIN ASX Code	
Bytes	6
Format	Alphanumeric
Description	ASX code identifying the estimated intraday indicative Net Asset Value (also referred to as iNAV)
Valid Values	N/A

EIN Description	
Bytes	30
Format	Alphanumeric
Description	Full description of an Estimated intraday indicative Net Asset Value (also referred to as iNAV) security.
Valid Values	N/A

Estimated Cash Component	
Bytes	9
Format	Numeric 9(7)V9(2) (Expressed as cents to two decimal places)
Description	This is the balancing cash amount difference between the total value of the basket of stock that is established at the beginning of the day by the issuer that will be surrendered for a unit creation or received in return for a unit redemption and the value of the number of ETF units that will be received in return for a unit creation or must be surrendered for a unit redemption ordered on the day.
Valid Values	N/A

Ex-Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date from which the holder of a security retains their rights to benefits associated with owning the security.
Valid Values	N/A

Exchange Identification	
Bytes	1
Format	Numeric
Description	With the advent of automated trading, all Exchange identifications are national.
Valid Values	1 - National (Automated trading) This field occurs 7 times where only the first character is filled representing the national stock exchange value. The rest of the characters which used to represent the now defunct 6 independent state based stock exchanges are zero filled. Refer to Trading Day/Settlement Day Indicator data field definition for examples.

Exercise Price	
Bytes	9
Format	Numeric 9(5)V9(4) (Expressed as dollars to four decimal places) Numeric 9(7) v 9(2) [Expressed as dollars and cents to two (2) decimal places for Ultra High Denomination securities – Security Types 39, 52, 59, 65]
Description	Also called Strike Price. For Exchange Traded Options over **securities**, this is the price at which the underlying security may be bought or sold by exercise of the option. For Exchange Traded Options over **indices**, this is the level at which the underlying index maybe bought or sold on expiry. As this level is expressed in points, this level must be multiplied by the Contract Multiplier to convert to a dollar value. For Company Options, this is the total exercise capital plus exercise premium for the option. For Warrants, this represents the price at which the underlying security may be bought or sold by exercise of the warrant. This figure will be fixed at a nominal amount of 1 cent for endowment warrants and does not refer to the amount actually outstanding on endowment warrants.
Valid Values	N/A

Exercise Type Code	
Bytes	1
Format	Alphabetic
Description	Indicates the exercise style for Exchange Traded Options and Warrants.
Valid Values	A = American (exercise any time up to expiry) E = European (exercise on expiry date only)

Expiry Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which Exchange Traded Options, ASX Futures Contracts and Warrants expire or terminate. In the case of endowment warrants, there is provision for early exercise.
Valid Values	N/A

External Instrument Class	
Bytes	6
Format	Alphabetic
Description	A classification of different categories of wholesale debt securities.
Valid Values	DSS Discount Security FIS Fixed Income Security

Face Value	
Bytes	9
Format	Numeric 9(5)V9(4) Expressed as dollars to four decimal places.
Description	The issue price for Interest Rate Securities and Convertible Notes. For Interest Rate Securities, this represents the trade unit value (usually $100). For Convertible Notes, this represents the issue price.
Valid Values	N/A

File Content Indicator	
Bytes	1
Format	Numeric
Description	An indication as to the type of Security record being transmitted.
Valid Values	1 = Complete Down Load 2 = Change 3 = New Insertion 4 = Deletion (only Header and ASX Code will be transmitted. All other fields are zero filled)

Final Conversion Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The final date by which a Convertible Note may be converted to an equity security. This field is zero filled for Interest Rate Securities.
Valid Values	N/A

Final Redemption Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date by which Convertible Notes which are not being converted, are to be redeemed by the issuer. This field is zero filled for Interest Rate Securities.
Valid Values	N/A

First Active Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which a security or calculated ratio is first entered in or converted to the securities database of the Australian Securities Exchange. For **derivative products** (Exchange Traded Options, ASX Futures Contracts and Warrants), this is the trading commencement date. For calculated ratios, this is the first date on which they are/were published. For **mFund securities** (Security Types 35 and 38), this date represents the date that the fund is entered into the ASX Securities Exchange database in preparation for admittance to the mFund Settlement Service.
Valid Values	N/A

First Payment Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date the first interest payment is or was payable on an Interest Rate Security or Convertible Note.
Valid Values	N/A

First Quoted Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which a security starts official quotation on the market of the Australian Securities Exchange. For an **ASX BookBuild security** (identified by a 6 character ASX Code with the 5th and 6th characters having the letters "BB"), this is the date on which the BookBuild is expected to open, and this date is subject to change. These securities have a Quoted Security Indicator of "2" and are unquoted and not tradeable. For **mFund securities** (Security Types 35 and 38), this date represents the date that the fund is formally admitted to the mFund Settlement Service and becomes available to transact.
Valid Values	N/A

First Settlement Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which trades executed on a deferred delivery basis are due for settlement.
Valid Values	N/A

Fixed Settlement Type	
Bytes	1
Format	Alphanumeric
Description	Indicates whether the security will be subject to fixed period settlement and if it is possible to borrow securities through the Securities Lending Service (SLS).
Valid Values	" " = Not subject to fixed period settlement L = Subject to fixed settlement and securities available through SLS M = Subject to minimum settlement period T = Subject to a fixed period settlement. No securities available through SLS

Foreign Currency Indicator	
Bytes	3
Format	Alphabetic
Description	A code which indicates that an issuing body is a foreign company and therefore Dividends will be converted to Australian currency. For Diary Adjustments, the conversion is done the evening prior to the adjustment or effective date using the latest published exchange rates.
Valid Values	Valid currency codes in the Currency Code Table

Foreign Listing Indicator	
Bytes	1
Format	Alphabetic
Description	Indicates whether the issuer is listed as a foreign or exempt foreign company.
Valid Values	" " = (blank) Domestic F = Foreign X = Exempt Foreign (entities listed on another securities exchange which have a secondary listing on ASX and which meet certain eligibility criteria. Entities in this category are expected to comply primarily with the Listing rules of their home exchange and are exempt from complying with most of ASX's Listing Rules). Refer to Security Description, Security Abbreviated Description and Security Short Description definitions for related information.

Franked Percent	
Bytes	5
Format	Numeric 9(3)V9(2) Expressed as a percent to two decimal places.
Description	The portion of the dividend on which taxation has already been paid. The information represents values applicable to holders of ASX quoted securities who are Australian resident for Australian tax purposes. Values represented also cover frank information declared by foreign domiciled companies (i.e. mostly NZ) that are able to allocate Australian franking credits for Australian tax purposes.
Valid Values	N/A

Fund Code (ASX Code)	
Bytes	6
Format	Alphanumeric
Description	A unique code that identifies an individual fund.
Valid Values	A valid ASX Code issued by ASX.

Fund Commencement Date	
Bytes	8
Format	Alphanumeric (mFund E15 file; Effective 10 April 2017) Numeric YYYYMMDD where DD = Day MM = Month YYYY = Century, Year i.e. 20140303 representing 03 March 2014
Description	The date that the fund is formally admitted to the mFund Settlement Service and becomes available to transact.
Valid Values	N/A

Fund Name	
Bytes	50
Format	Alphanumeric
Description	The full name of an individual fund.
Valid Values	N/A

Fund Profile Link	
Bytes	Up to 255 characters
Format	Alphanumeric
Description	The unique address used to access the Fund Profile document.
Valid Values	N/A

Fund Set-up Date	
Bytes	8
Format	Numeric Numeric YYYYMMDD where DD = Day MM = Month YYYY = Century, Year i.e. 20140224 representing 24 February 2014
Description	The date that the fund data is entered into the ASX Securities Exchange database in preparation for admittance to the mFund Settlement Service.
Valid Values	N/A

Fund Status (mFund E15 file; Effective 10 April 2017)	
Bytes	45
Format	Alphanumeric
Description	Indicates the status of Applications and Redemptions of units in the Fund as required, or advised by the Issuer within ASX guidelines.
Valid Values	" " = not subject to Fund Status Open for all Applications&Redemptions Open Closed for all Applications&Redemptions Open Closed for New Investors&Redemptions Open Closed for all Applications and Redemptions Apps and Reds suspended for EOY processing

Global Industry Classification Standard (GICS) Code	
Bytes	8
Format	Alphanumeric
Description	A Global Industry Classification Standard (GICS) Code consisting of 11 economic sectors aggregated from 24 industry groups, 69 industries, and 158 sub-industries derived from Global Industry Classification Standard (GICS) jointly developed and owned by Standard & Poor's (S&P) and Morgan Stanley Capital International (MSCI). Disseminated up to the third tier only for all Issuers in the Materials Sector – Metals & Mining Industry 151040 and REITs (Real Estate Investment Trusts) Industry 601010; remaining tier zero filled. Disseminated up to the second tier only for all Issuers in the remaining sectors: Energy, Materials (except for Metals & Mining Industry level for which the GICS Code is disseminated up to third tier), Industrials, Consumer Discretionary, Consumer Staples, Health Care, Financials (except for Real Estate Investment Trusts industry level Issuers for which the GICS code is disseminated up to third tier), Information Technology, Communications Services and Utilities; remaining tiers zero filled. The GICS Code descriptions and digits in the following table represent the GICS Code tiers disseminated by the ASX. (Subscribers are advised to consult Standard and Poor's (S&P) for any additional depth they may require re: GICS Code information for companies listed on the ASX).
Valid Values	Please refer to the GICS Code table for valid codes.

Gross Dividend Amount	
Bytes	8
Format	Numeric 9(6)V9(2) (Expressed as cents to two decimal places)
Description	The calculated gross dividend per eligible security. The amount is calculated by: {[DPS(1) x DF(1) x Franking %)/(1 - Company Tax Rate)] + [DPS(1) x DF(1) x (1 - Franking %)] + [DPS(2) x DF(2) x Franking %)/(1 - Company Tax Rate)] + [DPS(2) x DF(2) x (1 - Franking %)]} Where: DF(1) = Dilution Factor applicable to latest interim dividend DF(2) = Dilution Factor applicable to latest final dividend DPS(1) = Latest Interim Dividend per Share Declared. DPS(2) = Latest Final Dividend per Share Declared
Valid Values	N/A

Home Branch	
Bytes	1
Format	Numeric
Description	Each company has a home exchange branch responsible for all listing requirements relating to the company. The home branch can be any of the six exchange branches located in state capitals.
Valid Values	2 = Sydney 3 = Melbourne 4 = Brisbane 5 = Adelaide 6 = Perth 7 = Hobart

Incorporation Status	
Bytes	1
Format	Alphabetic
Description	A code to represent whether an issuing body is a No Liability, a Limited Liability, or not an Incorporated company.
Valid Values	U = Unlimited Liability (Unincorporated) L = Limited Liability N = No Liability

Index Abbreviated Description	
Bytes	20
Format	Alphanumeric
Description	An abbreviation of the full description for an Index.
Valid Values	N/A

Index Code	
Bytes	3
Format	Alphabetic
Description	A three letter code which uniquely identifies an Index Group.
Valid Values	XAE S&P/ASX 200 A-REIT Equal Weight Index XAF S&P/ASX All Australian 50 XAO S&P/ASX ALL ORDINARIES XAT S&P/ASX All Australian 200 XBK S&P/ASX 200 BANKS (INDUSTRY) XBT S&P/ASX 200 BANKS (INDUSTRY) (TR) XBN S&P/ASX 200 BANKS (INDUSTRY) (NTR) XBW S&P/ASX Buy-Write XDI S&P/ASX Dividend Opportunities Index XDJ S&P/ASX 200 Consumer Discretionary (Sector) XEC S&P/ASX Emerging Companies Index XEJ S&P/ASX 200 Energy (Sector) XET S&P/ASX 200 EMERGING COMPANIES INDEX (TR) XEW S&P/ASX Equal-Weight Index XFJ S&P/ASX 200 Financials (Sector) XFL S&P/ASX 50 XGD S&P/ASX All Ordinaries Gold Index XHJ S&P/ASX 200 Health Care (Sector) XIJ S&P/ASX 200 Information Technology (Sector) XIN S&P/ASX 200 Inverse Daily Index XJO S&P/ASX 200 XKO S&P/ASX 300 XJR S&P/ASX 200 Resources XJT S&P/ASX 200 GROSS TOTAL RETURN INDEX (GTR) XLD S&P/ASX 200 2x Leverage Daily Index XMD S&P/ASX MID CAP 50 XMJ S&P/ASX 200 Materials (Sector) XMM S&P/ASX 300 Metals and Mining Index

Index Code	
	XNI S&P/ASX 200 4.5% Decrement Index (AUD) NTR XNJ S&P/ASX 200 Industrials (Sector) XNT S&P/ASX 200 Net Total Return Index XNV S&P/ASX 200 2x Inverse Daily Index XPJ S&P/ASX 200 Property Trusts (Sector) XRE S&P/ASX 200 Real Estate (Sector) Index XRI S&P/ASX 200 4.5% Decrement Index (AUD) TR XSJ S&P/ASX 200 Consumer Staples (Sector) XSO S&P/ASX SMALL ORDINARIES XSY S&P/ASX 300 Shareholder Yield Index XTJ S&P/ASX 200 Communications Services(Sector) XTL S&P/ASX 20 XTO S&P/ASX 100 XTX S&P/ASX All Technology Index XUJ S&P/ASX 200 Utilities (Sector) XVI S&P/ASX 200 VIX Index XXJ S&P/ASX 200 Financial-x-Property Trusts (Sector) XFE S&P/ASX 200 Futures (AONIA) Index (AUD) ER XFN S&P/ASX 200 Futures (AONIA) Index (AUD) TR XFR S&P/ASX 200 Futures (AONIA) 4.5% Decrement Index (AUD) TR XJS S&P/ASX 200 Ex-S&P/ASX 100 TR INDEX XJM S&P/ASX 200 Ex-S&P/ASX 100 INDEX XAG S&P/ASX Agribusiness Index
	The Indices below are international index codes that will not be disseminated via ASX ReferencePoint. They are included as valid values in order to recognise that they can nonetheless be used as underlying instruments for Derivative securities such as Warrants which are quoted and traded in the Australian market. XDO Dow Jones Industrial Average Index XND NASDAQ 100 Index XNK Nikkei 225 Index XSP S&P 500 Index

Index Description	
Bytes	50
Format	Alphanumeric
Description	Full description of an Index.
Valid Values	N/A

Index Group	
Bytes	3
Format	Numeric
Description	The qualification of Index Groups representing specific activities within that group.
Valid Values	025 S&P/ASX 100 026 S&P/ASX 20 030 S&P/ASX ALL ORDINARIES 031 S&P/ASX 50 034 S&P/ASX MID CAP 50 038 S&P/ASX SMALL ORDINARIES 045 S&P/ASX 200 Resources 051 S&P/ASX 200 052 S&P/ASX 300 518 S&P/ASX 200 Net Total Return Index 519S&P/ASX 200 GROSS TOTAL RETURN INDEX (GTR) 710 S&P/ASX 200 Energy (Sector) 715 S&P/ASX 200 Materials (Sector) 720 S&P/ASX 200 Industrials (Sector) 725 S&P/ASX 200 Consumer Discretionary (Sector) 730 S&P/ASX 200 Consumer Staples (Sector) 735 S&P/ASX 200 Health Care (Sector) 740 S&P/ASX 200 Financials (Sector) 741 S&P/ASX 200 BANKS (INDUSTRY) 742 S&P/ASX 200 BANKS (INDUSTRY) (TR) 743 S&P/ASX 200 BANKS (INDUSTRY) (NTR)

	745	S&P/ASX 200 Information Technology (Sector)
	750	S&P/ASX 200 Communications Services (Sector)
	755	S&P/ASX 200 Utilities (Sector)
	760	S&P/ASX 200 Property Trusts (Sector)
	765	S&P/ASX 200 Financials-x-Property Trusts (Sector)
	901	S&P/ASX All Ordinaries Gold Index
	902	S&P/ASX 300 Metals and Mining Index
	903	S&P/ASX All Australian 50
	904	S&P/ASX All Australian 200
	906	S7P/ASX 200 2x Inverse Daily Index
	907	S&P/ASX 200 2x Leverage Daily Index
	908	S&P/ASX Emerging Companies Index
	909	S&P/ASX S&P/ASX VIX Index
	910	S&P/ASX Dividend Opportunities Index
	911	S&P/ASX 300 Shareholder Yield Index
	912	S&P/ASX 200 A-REIT Equal Weight Index
	913	S&P/ASX Franked Dividend Index
	914	S&P/ASX Franked Dividend TR Index
	915	S&P/ASX 200 Real Estate (Sector) Index
	916	S&P/ASX 200 Equal Weight Index
	917	S&P/ASX 200 Inverse Daily Index
	918	S&P/ASX 200 EMERGING COMPANIES INDEX (TR)
	919	S&P/ASX All Technology Index
	920	S&P/ASX 200 4.5% Decrement Index (AUD) NTR
	921	S&P/ASX 200 4.5% Decrement Index (AUD) TR
	922	S&P/ASX 200 Futures (AONIA) Index (AUD) ER
	923	S&P/ASX 200 Futures (AONIA) Index (AUD) TR
	924	S&P/ASX 200 Futures (AONIA) 4.5% Decrement Index (AUD) TR
	925	S&P/ASX Agribusiness Index
	926	S&P/ASX 200 Ex-S&P/ASX 100 TR INDEX
	927	S&P/ASX 200 Ex-S&P/ASX 100 INDEX
	999	S&P/ASX Buy-Write

Index Participation Indicator	
Bytes	1
Format	Numeric
Description	Indicator to determine if a stock participates in an index.
Valid Values	0 = No participation 1 = Participates in an index

Index Short Description	
Bytes	9
Format	Alphanumeric
Description	Short description of an Index.
Valid Values	N/A

Index Warrant Multiplier	
Bytes	12
Format	Numeric 9(8) V 9(4) (Expressed in dollars or equivalent unit of foreign currency to 4 decimal places) The currency unit of the Index Warrant Multiplier is determined by the Issuing Currency Indicator.
Description	This is the number by which the underlying index value being traded (in points) must be multiplied by in order to determine a monetary value. This field is also used for the purpose of disseminating Warrants per Underlying Parcel value (refer to Warrants per Underlying Parcel definition for details).
Valid Values	N/A

Industry Sub Groups	
Bytes	3
Format	Numeric
Description	A qualification of the Industry Groups, representing specific activities within that group.
Valid Values	This field is zero filled from 23 September 2002

Interest Payable Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which an interest payment becomes/became due and payable. This field is updated approximately six weeks before the next payable date; until then, it will show the last date when interest was paid.
Valid Values	N/A

Interest Rate	
Bytes	11
Format	Numeric 9(6)V9(5) Expressed as a percentage to five decimal places except for convertible notes which are expressed as cents to five decimal places.
Description	The total interest rate payable per annum on a loan security or convertible note.
Valid Values	N/A

International Securities Identification Number (ISIN)	
Bytes	12
Format	Alphanumeric
Description	A code that uniquely identifies all securities and derivatives products. The ISIN has three components: a two letter country code a nine character number forming the basic value started at 1 with each new ISIN being generated in sequential order, padded to the left, as necessary, with zeroes. **Note:** The new algorithm in the derivation of the Basic Number by replacing the associated ASX Code or market ticker, contained within the ISIN number, with a unique number was implemented on 05 February 2018. The revised derivation only applies to all new securities issued and ASX Code changes after the commencement date. Pre-existing ISINs before the implementation date remained unaffected. a one digit check digit.
Valid Values	N/A

Issuer (in the ASX Austraclear OTC A$ Wholesale Debt Securities ISIN file)	
Bytes	6
Format	Alphanumeric
Description	A code assigned to each issuing body.
Valid Values	N/A

Issuer Abbreviated Name	
Bytes	20
Format	Alphanumeric
Description	An abbreviation of the legal name of the issuing body.
Valid Values	N/A

Issuer Code	
Bytes	3
Format	Alphanumeric
Description	A code assigned to each issuing body. This field may be suffixed with the Security Code to make up a unique ASX Code.
Valid Values	N/A

Issue Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date upon which the issuing company will allot securities and either issue certificates or enter the securities into the security holder's uncertificated holding. The Issue Date marks the end of a deferred settlement period (see Deferred Settlement Indicator). Please note that, since ASX Listing Rules do not require disclosure of the issue date for unquoted securities (Quoted Security Indicator '2'), the issue date for these securities may show a default date calculated as the maximum date permitted under the Listing Rules. This default date is indicative only and is not enforceable under the Listing Rules.
Valid Values	N/A

Issuer ID	
Bytes	10
Format	Numeric
Description	A unique number allocated to an issuing body. The value of this field is zero (“0”) for derivatives such as exchange traded options and futures. For warrants, this is the Issuer ID of the warrant issuer e.g. BHPIDA is issued by DBA (Deutsche Bank AG is the issuer). This number is DBA’s Issuer ID.
Valid Values	Any whole number.

Issuer Name	
Bytes	60
Format	Alphanumeric
Description	Full legal name of the issuing body.
Valid Values	N/A

Issuer Short Name	
Bytes	10
Format	Alphabetic
Description	An abbreviation of the legal name of the issuing body.
Valid Values	N/A

Issuer Sponsored Sub-Register Indicator	
Bytes	1
Format	Numeric
Description	Indicates whether the Issuing body maintains an Issuer Sponsored Sub-register for its security.
Valid Values	0 = No Issuer Sponsored Sub-register exists for this security. 1 = An Issuer Sponsored Sub-register does exist for this security.

Issuer Type	
Bytes	1
Format	Alphabetic
Description	The classification of the issuing body.
Valid Values	I = Industrial M = Mining O = Oil A = Australian Government S = State/Semi-Government U = Undefined

Issuing Currency Indicator	
Bytes	3
Format	Alphabetic
Description	Indicates the currency in which a security is issued. This field will generally be the same as the Foreign Currency Indicator in the SB message for the issuer, unless the currency for an issued security differs from the Issuer currency. For Warrant Securities (Security Types 46, 47, 48 and 49) this field will carry the Index Multiplier currency for Index Warrants and the Exercise Price currency for all other Warrant Types (refer to Warrant Type field and Underlying Product Code).
Valid Values	Valid currency codes in the Currency Code Table.

Last Active Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	For securities, this is the date of permanent removal of a security from the securities database of the Australian Securities Exchange. For derivative products (Exchange Traded Options, ASX Futures Contracts or Warrants), this is the last day on which the product is available for trading (i.e. in the majority, but not all cases, the expiry date of the derivative product). For mFund securities (Security Types 35 and 38), this is the date of permanent removal of the security from the securities database of the Australian Securities Exchange. **Dissemination change made effective 01 September 2014:** Prior to 01/09/14, a Last Active Date data field value is only disseminated 1 business date before the effective date for a Deferred Delivery ASX Code relating to a reconstruction event. The value is set to zero when the deferred delivery ASX Code is first disseminated. From 01/09/14, a Last Active Date value is disseminated when the deferred delivery ASX Code is first disseminated. Refer to page 4 of ASX Notice 37/14.
Valid Values	N/A

Last Dividend Declared (previously Current Dividend Amount)	
Bytes	10
Format	Numeric 9(6)V9(4) (Expressed as cents to four decimal places)
Description	The cash dividend amount of the last dividend announced by the Issuer, payable in cents per security, net of withholding tax. This includes; normal, special and scrip dividends. The amount provided is net of withholding tax, if applicable. This field is disseminated on the SK – Equity Security Details message and on the SO – Warrant Security Details message.
Valid Values	N/A

Last Quoted Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which a security ceases to be recorded on the securities database of the Australian Securities Exchange, for reasons other than suspension. For quoted securities, this is the last day on which the security is quoted for trading. For mFund securities (Security Types 35 and 38), this date represents the date that the fund is permanently removed from the securities database of the Australian Securities Exchange. **Dissemination change made effective 01 September 2014:** Prior to 01/09/14, a Last Quoted Date data field value is only disseminated 1 business date before the effective date for a Deferred Delivery ASX Code relating to a reconstruction event. The value is set to zero when the deferred delivery ASX Code is first disseminated. From 01/09/14, a Last Quoted Date value is disseminated when the deferred delivery ASX Code is first disseminated. Refer to page 4 of ASX Notice 37/14.
Valid Values	N/A

Linked Index Code	
Bytes	3
Format	Alphanumeric
Description	A code allocated to identify the index code linked to the basket security product. This field will be blank filled if the basket is not linked to an index.
Valid Values	N/A

Maturity Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which an Interest Rate Security or Convertible Note or Wholesale Debt Security matures.
Valid Values	N/A

Maximum Application Money	
Bytes	9
Format	Numeric 9(6)V9(3) Expressed as cents. Field content only reflects two decimal places.
Description	The maximum amount of money payable upon application to participate in an issue.
Valid Values	N/A

Message Type	
Bytes	2
Format	Alphabetic
Description	Identifies the type of message being transmitted and enables the subscriber to identify the message format.
Valid Values	Refer to the Message Types section for data message types and content.

Minimum Application Amount (mFund E15 file; Effective 10 April 2017)	
Bytes	11
Format	Numeric 9(9)V9(2) Expressed as dollars and cents to 2 decimal places.
Description	Indicates the minimum initial investment required by the Issuer to invest in the Fund as provided by the Issuer.
Valid Values	N/A

Minimum Application Money	
Bytes	9
Format	Numeric 9(6)V9(3) Expressed as cents. Field content only reflects two decimal places.
Description	The minimum amount of money payable upon application to participate in an issue.
Valid Values	N/A

Netting Indicator	
Bytes	1
Format	Numeric
Description	Indicates whether the security will be subject to netting through the Transaction Netting Service.
Valid Values	0 = Not eligible 1 = Eligible

Number Of Interest Payments per Year	
Bytes	2
Format	Numeric
Description	The number of interest payments to be made per year for an Interest Rate Security.
Valid Values	N/A

Paid Up Value	
Bytes	6
Format	Numeric 9(4)V9(2) Expressed as cents to two decimal places.
Description	This figure represents the amount of application money and/or calls which have been paid on any security which is only partly paid. This figure excludes premium(s).
Valid Values	N/A

Par Value	
Bytes	6
Format	Numeric 9(4)V9(2) Expressed as cents to two decimal places.
Description	N/A
Valid Values	N/A

Pari-Passu Indicator	
Bytes	1
Format	Alphabetic
Description	Used during new issues, reconstructions, capital/premium adjustments and calls, to indicate whether deferred delivery securities rank equally with ordinary shares for the next dividend.
Valid Values	Y = Equal ranking N = Not ranked equally with ordinary shares

Payable Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	The date on which an issued amount becomes due and payable to shareholders. For example, a dividend payment.
Valid Values	N/A

PDS (Product Disclosure Statement document) Issue Date	
Bytes	8
Format	Numeric Numeric YYYYMMDD where DD = Day MM = Month YYYY = Century, Year i.e. 20140217 representing 17 February 2014
Description	The date that the Product Disclosure Statement (PDS) document for the fund is published. **Notes:** If this date is not available, value of this data field is defaulted to zero. If the PDS document is not available, the value of this data field is defaulted to zero
Valid Values	N/A

PDS Link	
Bytes	Up to 255 characters
Format	Alphanumeric
Description	The unique address used to access the Product Disclosure Statement (PDS) document.
Valid Values	N/A

Pricing Frequency (mFund E15 file; Effective 10 April 2017)	
Bytes	12
Format	Alphanumeric
Description	Indicates the frequency of pricing units in the Fund as provided by the Issuer.
Valid Values	“ ” = not subject to Pricing Frequency daily weekly monthly quarterly 6-monthly yearly

Proceeds Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	For Interest Rate Securities maturing on a non-business day, this is the day when proceeds from maturity will become available (the next business day). This field is zero filled for Convertible Notes.
Valid Values	N/A

Quoted Security Indicator	
Bytes	1
Format	Numeric
Description	An indicator identifying the quote and trading status of a security.
Valid Values	0 = Quoted and Tradable 1 = Unquoted but Tradable 2 = Unquoted and Not Tradable – Issues, BookBuild e.g. Non-Renounceable, or Options Entitlements or restricted (escrowed) securities. (Applies to all restricted securities, which are included in Market Capitalisation calculations. Securities that are not included in Market Capitalisation are placed into group '3', below). 3* = Unquoted and Not Tradable – Percentage of Capital e.g. Employee Shares, Personal Investment 4 = Not Cleared on ASX (description update), Not Quoted on ASX, Not Tradable on ASX Trade i.e. securities listed on National Stock Exchange, Sydney Stock Exchange, Sim Venture Exchange 5 = Quoted but Escrowed (not tradable) – Restricted Securities 6 = Reconstructed – temporarily quoted under new Deferred Settlement code 7 = Admitted to ASX for settlement, Not Quoted on ASX and Not Tradable on ASX Trade 8 = Cleared on ASX, Not Quoted on ASX, Not Tradable on ASX Trade i.e. securities Quoted on CBOE Exchange * This value is not currently disseminated

Redemption Settlement Cycle (mFund E15 file; Effective 10 April 2017)	
Bytes	35
Format	Alphanumeric
Description	Indicates the timing of payment processing from redemption order requests in the Fund as provided by the Issuer.
Valid Values	" " = not subject to application settlement cycle Redemption + 1 day Redemption + 2 days Redemption + 3 days Redemption + 4 days Redemption + 5 days Redemption + 6 days Redemption + 7 days Redemption + 8 days Redemption + 9 days Redemption + 10 days Redemption + 11 days Redemption + 12 days Redemption + 13 days Redemption + 14 days Redemption greater than 14 Days Monthly

Registration Unit Value	
Bytes	9
Format	Numeric 9(7)V9(2) Expressed as dollars to 2 decimal places (For Convertible Notes, expressed as cents to two decimal places.)
Description	For Interest Rate Securities, this represents the value of units used for registration purposes, and will generally contain values of $100 or $1 depending on the requirements of the issuer. For Convertible Notes, this represents the amount of application money and/or calls which have been paid on the security, excluding premium. Where the Convertible Note is fully paid, this will equal the issue price.
Valid Values	N/A

Reset Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	Date on which the features of the warrants are amended.
Valid Values	N/A

Reset Level	
Bytes	10
Format	Numeric 9(6) V 9(4) (Expressed in dollars and cents to four (4) decimal places for non-index warrants and index points for index warrants)
Description	The dollar or index point at which a warrant security's exercise price may be amended. Reset may also result in a cash return/liability on the warrant security.
Valid Values	N/A

Reset Level Discretionary Indicator	
Bytes	1
Format	Numeric
Description	An indicator that signifies amendment of a warrant security's price upon breaching the reset level is optional (discretionary) or mandatory (non-discretionary) for the warrant issuer.
Valid Values	0 = Discretionary 1 = Non-Discretionary

Retransmit ID	
Bytes	1
Format	Numeric
Description	Indicates whether the message sent is as a result of a first-time service request or a retransmission request.
Valid Values	0 = Message sent in response to a normal service request 1 = Message sent in response to a retransmission request

Scrip Dividend Amount	
Bytes	8
Format	Numeric 9(6)V9(2) Expressed as cents to two decimal places.
Description	The cash value of the most recently announced dividend (or part thereof) declared and payable as share scrip. This is part of the current dividend amount.
Valid Values	N/A

Security Abbreviated Description	
Bytes	20
Format	Alphanumeric
Description	An abbreviation of the full description of a particular class of security. For debt and hybrid securities naming conventions and descriptions, refer to the following links: Master list of ASX Debt and Hybrid Securities Guide to the naming conventions and security descriptions for debt and hybrid securities
Valid Values	N/A

Security Description	
Bytes	50
Format	Alphanumeric
Description	Full description of a particular class of security as defined by the issuing body. For debt and hybrid securities naming conventions and descriptions, refer to the following links: Master list of ASX Debt and Hybrid Securities Guide to the naming conventions and security descriptions for debt and hybrid securities
Valid Values	N/A

Security ID	
Bytes	10
Format	Numeric
Description	A unique numeric identifier allocated to a security. This number remains unchanged regardless of the number of times the company undergoes an issued code change.
Valid Values	Any whole number.

Security Short Description	
Bytes	9
Format	Alphanumeric
Description	Short description of a particular class of security as defined by the issuing body. For debt and hybrid securities naming conventions and descriptions, refer to the following links: Master list of ASX Debt and Hybrid Securities Guide to the naming conventions and security descriptions for debt and hybrid securities **Note**: UDR security short description Normal Status "UDR x:y" Deferred Delivery Status "UDR x:yDEF" Where the ratio requires more than 1 character each, the short name for Deferred Delivery Status will just have the character "D" to indicate the deferred delivery status.
Valid Values	N/A

Security Sub-Type	
Bytes	4
Format	Numeric
Description	For Future Use
Valid Values	Currently zero ("0") filled.

Security Type	
Bytes	2
Format	Numeric
Description	The type of Security as defined by the issuing body.
Valid Values	Refer to the Security Type Table for details of valid codes. **Notes:** The following security types apply to AQUA Products Quote Display Board (QDB) securities: Security Types 34, 35, 37, 38, 55 - 58 Listed Funds & Structured Products: Security Types 32, 33, 36, 39, 52, 53 & 54 Exchange Traded Fund (ETF): Security Type 7 Security Types 7 and 32 - 38, are disseminated in the SK-Equities Securities Details Message Security Types 39 and 52 - 58 are disseminated in the SO-Warrants and Structured Products Security Details Message The following are Warrants Security Types Security Types 46 to 49, 59 and 65

Sequence Number	
Bytes	6
Format	Numeric
Description	A sequential number allocated by the Gateway system and specific to a particular session with a given Subscriber. Unless a retransmission request has been made, the first data message sent will always contain the sequence number “000001”. Subsequent messages will have the sequence number incremented by one.
Valid Values	000001 to 999999

Share Register Locations	
Bytes	2, occurs 10 times
Format	Numeric
Description	An indicator as to where Share Registers are located.
Valid Values	2 = New South Wales 3 = Victoria 4 = Queensland 5 = South Australia 6 = Western Australia 7 = Tasmania 8 = Northern Territory 9 = Australian Capital Territory 28 = Norfolk Island (Not currently used) 74 = Isle of Man 75 = United Kingdom 76 = Netherlands (Not currently used) 77 = Luxembourg 78 = Hong Kong 79 = Malaysia 80 = Singapore 81 = Japan 82 = United States of America 84 = Bermuda 86 = Canada 92 = Papua New Guinea 94 = New Zealand 96 = Fiji 98 = Vanuatu

Shares Per Contract/Contract Multiplier/Index Multiplier	
Bytes	12
Format	Numeric Values are expressed in whole numbers with the exception of contracts with index as underlying. For contracts with index as underlying, values are expressed in dollars to 2 decimal places [9(10) v9 (2)]*.
Description	For ASX Equity Exchange Traded Options, this is the number of underlying shares represented by a single contract (for example, a value of 100 disseminated in this field represents 100 shares in 1 contract). For ASX Futures Options contracts, this is the number of underlying futures represented by a single contract. *For ASX Index Options and ASX Index Futures contracts, the value is referred to as the index multiplier which is the dollar value per point of the underlying index (for example, a value of 1000 disseminated in this field represents AUD $10/point of the underlying index). For ASX Wool Futures contracts, this is the number of Kilograms in each contract unit (for example, a value of 2500 disseminated in this field represents 2,500 kilograms in 1 contract). For ASX Grain Futures contracts, this is the number of metric tonnes in each contract unit (for example, a value of 20 disseminated in this field represents 20 metric tonnes in 1 contract). For ASX Options over Futures, this is the number of units of a futures contract (e.g. Option over ASX Grain Futures Contracts contract multiplier of “1” represents 1 contract of the ASX Grain Futures Contract). **Note:** To identify the appropriate unit of measure that applies to the underlying product of derivatives securities quoted and traded on the ASX Trading System (ASXTrade); refer to the Underlying Unit of Measure identifier data field definition.
Valid Values	N/A

Shares Per Warrant Underlying Parcel	
Bytes	9
Format	Numeric 9(5) V 9(4)
Description	The number of securities that form the security component of a warrant underlying parcel.
Valid Values	N/A

Statex Footnote	
Bytes	1
Format	Alphabetic
Description	A code indicating the basis of calculation for Asset Backing, Earning Rate, Dividend Rate per Share and Total Annual Dividend Rate per Share.
Valid Values	I = Based on Interim Results P = Based on Prelim Results

Suspension End Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	Date on which a trading suspension has been lifted. If this date is zero filled, and Suspension Start Date is filled, this indicates that the security is still suspended. Explanation/description on Suspension End Date values for deferred delivery ASX Codes under reconstruction is in Additional Information Section of this document.
Valid Values	N/A

Suspension Start Date	
Bytes	8
Format	Numeric YYYYMMDD where YYYY = Century, Year MM = Month DD = Day
Description	Date on which a trading suspension was imposed on a security. If this field is zero filled, the security is not suspended. If this field and Suspension End Date are both filled, the security is no longer suspended. Explanation/description on Suspension Start Date values for deferred delivery ASX Codes under reconstruction is in Additional Information Section of this document.
Valid Values	N/A

Time	
Bytes	6
Format	Numeric HHMMSS where HH = Hours MM = Minutes SS = Seconds
Description	The time that the record was entered into the ASX computer system to be disseminated.
Valid Values	N/A

Total Annual Dividend Rate per Share	
Bytes	8
Format	Numeric 9(6)V9(2) Expressed as cents to two decimal places.
Description	A rolling 12 months (latest half year plus prior half year) dividend rate per share as declared by the issuer and adjusted by dilution factors resulting from bonus and capital reconstruction. Total Annual Dividend Rate per Share figure includes any special cash or scrip dividend declared. For quarterly dividends, the rolling 12 month figure is calculated on a quarterly basis.
Valid Values	N/A

Total Class Issue	
Bytes	12
Format	Numeric
Description	The total number of securities of this class quoted on ASX. In the case of warrants, this is the total number of warrants in this series approved for issue or issued.
Valid Values	N/A

Total Creation Units	
Bytes	9
Format	Numeric
Description	The minimum lot size applicable for an ETF unit creation or redemption. Units can only be created or redeemed in quantities equivalent to a creation unit or multiples of a single creation unit, in exchange for a creation basket or multiples of the creation basket.
Valid Values	N/A

Total Issue/Shares per Contract	
Bytes	12
Format	Numeric
Description	The total number of securities approved for trading by ASX. For Security Types 90, 91, 92, 93, 94, 95, 96 and 97, this field will reflect the number of shares per contract.
Valid Values	N/A

Trading Day/Settlement Day Indicator	
Bytes	1
Format	Numeric
Description	A flag or value to indicate if the date is a trading day and a business day (day when there is settlement activity by ASX Settlement) on a national basis. Formerly called "Holiday Indicator" data field. Data field name and definition change effective 01 September 2014.
Valid Values	0 = Non-Trading Day/Non-Business Day (Non-Settlement Day) 1 = Trading Day/Non-Business Day (Non-Settlement Day) 2 = Trading Day/Business Day (Settlement Day) This field occurs 7 times where only the first character is filled representing national stock exchange value. The rest of the characters which used to represent the now defunct 6 independent state based stock exchanges are zero filled. **Examples:** A day that is both a trading day and a settlement day. Date: November 6, 2013 (20131106) Trading Day/Settlement Day Indicator Value: 12000000000000 A day that is not a trading day and not a settlement day. Date: December 25, 2013 (Christmas Day being a public holiday; 20131225) Trading Day/Settlement Day Indicator Value: 10000000000000 A day that is a trading day but not a settlement day (Labour Day in Victoria, NSW Bank Holiday, Labour Day in NSW, Melbourne Cup Day in Victoria). Date: November 5, 2013 (20131105; Melbourne Cup Day) Trading Day/Settlement Day Indicator Value: 11000000000000

Underlying Basket Description	
Bytes	50
Format	Alphanumeric
Description	Full description of the underlying basket as defined by the warrant issuer.
Valid Values	N/A

Underlying Product Code	
Bytes	6
Format	Alphanumeric
Description	The ASX Code for a product underlying an Exchange Traded Option, ASX Futures Contract or Warrant. **Note:** For TORESS products, the underlying product ASX Codes disseminated are the pseudo ASX Codes for the underlier i.e. BH8 is the pseudo ASX Codes for BHP.
Valid Values	N/A

Underlying Product	
Bytes	1
Format	Alphabetic
Description	Indicates the type of product underlying a derivative instrument.
Valid Values	C = Currency E = Equity / Commodity F = Future I = Index **Note:** ReferencePoint subscribers should be aware that where the security has an underlying product code of I (Index), all price information will be disseminated in Index points NOT dollars and cents. Additionally, not all underlying Indices will have price information (i.e. international Indices). Please refer to 'Index Code' field definition for further details.

Underlying Unit of Measure	
Bytes	1
Format	Alphabetic
Description	Sent to indicate the unit of measure for the underlying product of Derivatives. The following are the units of measure for the different contracts: Standard ASX Equity Options - the underlying is measured in number (or quantity) of equity securities ASX Index Options and Futures - the underlying is measured in Index points ASX electricity futures - the underlying is measured in Megawatt hours ASX Grain Futures - the underlying is measured in metric tonne ASX Wool Futures - the underlying is measured in kilograms ASX Options over Futures - the underlying is measured in number of underlying futures contract
Valid Values	F = Number of underlying futures contracts I = Index points K = Kilograms N = Number of underlying Securities M = Megawatt Hours T = Metric Tonnes

Warrant Information Text	
Bytes	80
Format	Alphanumeric
Description	A brief description of amendments to warrant securities data and other features.
Valid Values	N/A

Warrant Issuer	
Bytes	3
Format	Alphabetic
Description	A code uniquely identifying the issuing body for warrant securities.
Valid Values	N/A

Warrants per Underlying Parcel	
Bytes	12
Format	Numeric 9(8) V 9(4) (expressed as a number to four decimal places)
Description	Refers to the number of Warrants required to be exercised in order for warrant holders to receive one underlying parcel. For example, 000000011000 in the field refers to an exercise multiple of 1.1, meaning the warrant holder requires 1.1 warrants to be equivalent to an underlying parcel on exercise. This field is also used for the purpose of disseminating Index Warrant Multipliers for Index Warrants (refer to Index Warrant Multiplier field definition for details). **Note**: Prior to 8 March 2004, this field was labelled as ***Warrants per Share*** field.
Valid Values	N/A

Warrant Type	
Bytes	4
Format	Alphanumeric
Description	A four digit indicator to determine the type of warrant security. The first character indicates the highest level of classification by structure. The next three characters indicate attributes applicable to each structure.
Valid Values	Please refer to the Warrant Type table for valid types

Yield Calculation Method Indicator		
Bytes	1	
Format	Numeric	
Description	An indicator of the method used to convert a securities trade and order prices into a yield representation.	
Valid Values	0	No yield conversion applied. Price reported only.
	1	Yield calculated from price using Reserve Bank of Australia methodology – price and yield information supplied.

General Information

Dissemination of Global Industry Classification Standard (GICS) Code

The GICS Code in respect of Issuers is included in ASX ReferencePoint files up to the second GICS tier only. The remaining two GICS tiers are zero filled. There are 2 exceptions to this general principle:

- The first three tiers (or first six digits) of the GICS classification for Issuers within the Metals and Mining Industry in the Materials Sector will be disseminated with the remaining 4th tier (or last two digits) zero filled.
- Issuers classified as Real Estate Investment Trusts (REITs) Industry, GICS Code will be disseminated up to the third tier (the first six digits) with the remaining 4th tier (or last two digits) zero filled.

Refer to GICS Code field definition and GICS Code table for further information.

Representation of ASX Futures Contract Prices (Security Types 97)

ASX Index Futures Contracts are traded in index points but are quoted to tenths of a point, i.e. 1.0 point = $10. For example, an index value of 3567.0 points would have a Futures Contract value of $35,670.00.

ASX Futures Contracts are traded in index points. Quoted markets for these products are in whole point terms (I.e. BID/ASK is 3567/3568), however at maturity these products can settle to 1/10 of an index point (i.e. 3567.3). The tick value of these products is 1 point which equates to a value of $10. Hence, an index value of 3567.0 points would have a Futures Contract value of $35,670.00.

A 9 byte field is disseminated in price fields on ASX ReferencePoint and is expressed as a dollar value to 4 decimal places. A disseminated value of 000356700 is therefore interpreted as $35.67. This dollar value is required in order to calculate cumulative contract value. The dollar value may be converted to an index point value by multiplying it by 100. The index point value can then be multiplied by 10 (i.e.: $10.00) in order to arrive at the contract value.

The common representation used on trading screens for ASX Index Futures Contract prices is index points. Representation of ASX Futures Contract price is different on ASX Market Information's ReferencePoint products due to these calculation requirements.

Interpretation Guidelines for Shares per Contract/Contract Multiplier/Index Multiplier and Underlying Unit of Measure Data Fields

The purpose of this section of the manual is to provide additional clarity to subscribers in relation to the Shares per Contract, Underlying Unit of Measure and the Exercise Price data fields, as well as provide some interpretation guidelines for the values disseminated in these fields.

Subscribers are reminded of the triple-purpose nature of the "Shares Per Contract / Contract Multiplier / Index Multiplier" field, given it is used to accommodate contract size values across all the different ASX Options and Futures products.

To illustrate:

ASX Index Options and Index Futures Contracts, have an index as an underlying and are measured according to an Index Multiplier rather than a Shares per Contract size. The value disseminated in the Shares Per Contract / Contract Multiplier / Index Multiplier field is a value in cents, which users should convert into a dollar format, as specified in the field definition ie: a value of "000001000" disseminated in this 9-byte field as Index Multiplier for an Index Futures Contract, represents 1000 cents, and as per the field format specification, should be converted to the equivalent dollar value of $10.00. This value should be interpreted by users as an Index Multiplier of AUD $10/point of the underlying index.

Subscribers are also reminded that they should use the Underlying Unit of Measure field in conjunction with the Shares per Contract / Contract Multiplier / Index Multiplier field in order to determine the applicable unit of measure for the underlying product. For example, the underlying for ASX Index Options and Index Futures is measured in Index points.

Field Definitions for these fields can be found in the Field Definition section of this manual.

Dividend, Franked Amount and Franked Percent Information

Dividend amount information disseminated is generally expressed in Australian currency unless flagged as non-Australian currency amount in the data field format description. For those dividends declared in foreign currencies, these are disseminated in Australian currency based on the following:

- Australian currency equivalent amount of the dividend declared provided by the company in an announcement either as confirmed or estimated.
- Where the Australian currency equivalent amount of the dividend declared is not provided by the company in an announcement, the foreign currency dividend amount declared is converted into an estimated Australian equivalent amount using the relevant exchange rate published by the Reserve Bank of Australia (RBA).

  This estimated Australian equivalent amount is updated or retained as follow:

  - With the Australian equivalent amount of the dividend declared (either as estimated or confirmed) subsequently provided by the company in a company announcement.
  - The estimated Australian equivalent amount originally disseminated is retained if the company did not provide the Australian equivalent amount in a subsequent company announcement.

Dividend “Franked Amount” and “Franked Percent” data fields values cover, where available, franking information attached to those securities that are declared by foreign domiciled companies (mostly New Zealand companies) that are able to allocate Australian franking credits for Australian tax purposes.

The “Last Dividend Declared” data field include normal/regular, special and scrip dividends. Hence, franked percent values disseminated are based on the total amount declared by the company.

Example:

A company declared a final regular dividend amount of 12 cents franked at 70% and a special dividend of 3 cents unfranked. This information is represented as follow:

<u>Last Dividend Declared</u>

= 15 cents (comprising 12.0 cents regular dividend + 3.0 cents special dividend)

<u>Franked Percent</u>

= 56.00% (comprising 8.40 cents regular dividend franked amount over 15 cents total dividend amount)

Dissemination of ETF basket constituents in the ST – Exchange Traded Funds Detail message (E04)

The **Count** data field value “0” or zero represents those ETF securities where no details of basket constituents are disseminated either due to ASX Market Information not licensed to distribute the data or the basket constituents are securities not quoted on ASX.

No values will be disseminated in the rest of the data fields following the **Count** data field in the ST message. For CSV file format users, the **Count** data field (located in column L) in the ST message will contain the character “?” which should be ignored in processing the file.

To obtain information on basket constituents not provided in the ST message, users should contact relevant product issuer.

ASX Trade trading instruments mapping to ASX ReferencePoint Master List Securities files (E01 & E02)

In the Cross Reference file, subscribers are able to identify ASX PureMatch trading instruments separately from ASX TradeMatch trading instruments by filtering information using the ASX Trade trading code and/or ASX Trade market code (for values, refer to ASX Trade Market Codes table on page 76) and/or ASX Trade series binary code.

Example:

	ASX Code	ASX Trade Trading Code	ASX Trade Market Code	ASX Trade Series Binary Code
ASX TradeMatch	BHP	BHP	101	15.101.200.0.5080.0.0
ASX PureMatch	BHP	BHP_APM	151	15.151.200.063010.0.0

Dissemination of Calendar Dates and Trading Day/Settlement Day Indicators* on ASX ReferencePoint

The weekly Security Master List download file disseminates details for Calendar Dates for a period that spans 547 days or one and a half years.

The Master List Update file disseminates details for Calendar Dates for a period spanning 14 days or two weeks.

If a national Public Holiday falls on a Friday, the Master List download file will be updated at the end of the day on the Thursday. Therefore, Thursday will be treated like Friday (end of the week) in this case and likewise if the end of the month falls on a Friday public holiday.

A Trading Day/Settlement Day Indicator (renamed from Holiday Indicator effective 01 September 2014) is disseminated on a National Exchange level against each Calendar Date on ASX ReferencePoint. Please see the following tables for further details.

*Rename from Holiday Indicators effective 01 September 2014.

National Holidays

Trading Day/Settlement Day	Trading Day/Settlement Day Indicator Value	Comments
Non-trading day and non-business day	0	The exchange is closed.
Trading day but non-business day (non-settlement day)	1	The market is open for trading but there is no settlement, i.e. there is a holiday in one of the states.
Trading day and business day	2	Normal trading day.

Dissemination of Foreign Listing Indicators on Reference Point

The Foreign Listing Indicator field on ASX ReferencePoint has valid values of Domestic, Foreign or Foreign Exempt.

Domestic refers to a company whose incorporation country is Australia while Foreign refers to a company which is incorporated outside of Australia and is bound by ASX Listing Rules applying to foreign companies.

A Foreign Exempt company is a company incorporated outside of Australia but which is not bound by ASX Listing Rules and therefore is not required to abide by them.

Identification of Dual Listed Entities to be Foreign Exempt

An entity with its primary listing on another exchange that is currently admitted as an ASX Listing may be able to apply to change its admission category to an ASX Foreign Exempt Listing if it meets certain conditions. The rules are set out on ASX's website at http://www.asx.com.au/regulation/rules/asx-listing-rules.htm

Below additional information (which can be used as filters/criteria) will assist subscribers in identifying Foreign Exempt Listing disseminated in this product.

Message Type	Data Field	Criteria Description
SK	Security Description (50 characters)	Contains "FOREIGN EXEMPT" and relevant primary listing exchange. Examples: (i) ORDINARY FULLY PAID FOREIGN EXEMPT NZX (ii) CDI 5:1 FOREIGN EXEMPT NYSE
SK	Security Abbreviated Description (20 characters)	Contains "FOR. EXEMPT" and relevant primary listing exchange. Examples: (i) ORD FOR. EXEMPT NZX (ii) CDI 5:1 FOR. EXEMPT NYSE
SK	Security Short Description (9 characters)	May contain the relevant primary listing exchange. Examples: (i) FPO NZX (ii) CDI 5:1

Exchange-traded Australian Government Bonds (AGBs)

AGBs are direct, unconditional, unsubordinated and irrevocable obligations of the Australian Government. The holders of AGBs traded on ASX have beneficial ownership of the Australian Government Bonds in the form of a CHESS Depository Interest (CDI). This means that the holder of an AGB obtains all the economic benefits (including payments) attached to legal ownership of the AGB over which the CDI has been issued.

AGBs are cleared and settled as CDIs over Australian Government Bonds held in CHESS Depository Nominees Austraclear account. Trading of AGBs is facilitated via ASX Trade.

Below are attributes of Exchange-traded Australian Government Bonds:

- AGBs are issued on a 1 for 1 basis where each individual unit of CDI represents a holding of 1 AGB with a face value of $100.000.
- AGBs are classified as Security Type 81 - Bond CDI. (covers Exchange Traded Australian Government Bonds and Corporate Bond CDIs
- AGBs have a Chess Exception Indicator value of “C” indicating that the security is a CHESS Depository Interest (CDI).
- AGBs have a Quoted Security Indicator value of “0 (Quoted and Tradable)”.
- AGBs use a specific six letter ASX security coding convention to distinguish retail Australian Government Bonds from other debt securities. The specific coding elements are:
  - First Two Characters — **GS**
  - 3rd Character — **B** for Fixed coupon , **I** for Indexed
  - 4th Character — month of maturity (i.e. “A” or “B” represents January, “C” or “D” represents February etc…). Refer to ASX Code data field description for complete list.
  - 5th & 6th Characters — year of maturity (i.e. 2012 will be represented as 12)
- Security description data fields contain references to the underlying Austraclear security as well as references to the security being a debt CDI.

  Examples of Security Description data fields:

  Security Description

  a. AGB 6.25% FIXED 15-APR-2015 1:1 CDI (TB0119)
  b. AGB 4.0% INDEXED 20-AUG-2020 1:1 CDI (TI0406)

  Security Abbreviated Description

  a. GSB 6.25% 15-APR-15
  b. GSI4.0%INDEX 20AUG20

  Security Short description

  a. GSB APR15
  b. GSI AUG20

For debt and hybrid securities naming conventions and descriptions, refer to the following links:

1. Master list of ASX Debt and Hybrid Securities
2. Guide to the naming conventions and security descriptions for debt and hybrid securities

Dissemination of Suspension Start Date and Suspension End Date for deferred delivery ASX Codes relating to Reconstruction Corporate Action

Below are the descriptions/explanations relating to the dissemination of "Suspension Start Date" and "Suspension End Date" for deferred delivery ASX Codes relating to reconstructed securities.

For illustration, an E01 file disseminated on Friday, 13 June 2014

NEW

Message Type	Retrans mit I.D.	File Content Indicator	ASX Code	Security Description	Security Short Description	Security Type	Issuing Currency Indicator	First Active Date	First Quoted Date	Last Quoted Date	Suspension Start Date	Suspension End Date	Last Active Date
SK	0	1	DCC	ORDINARY FULLY PAID	FPO	1	AUD	19890206	19890206	0	20140509	20140616	0
SK	0	2	DCCDA	ORDINARY FULLY PAID DEFERRED SETTLEMENT	DEF SET	1	AUD	20130515	20130515	20130528	20140509	20140616	20130528
SK	0	2	DCCDC	ORDINARY FULLY PAID DEFERRED SETTLEMENT	DEF SET	1	AUD	20140513	20140513	20140522	20140509	20140616	20140522

The **ASX Codes DCCDA & DCCDC** are the **deferred delivery security representations of the 3 letter ASX Code DCC**. The deferred delivery ASX Codes inherit DCC's Suspension Start Date of 09 May 2014 and suspension End Date of 16 June 2014.

- **Pre-reconstruction ASX Code"DCC"** has Suspension Start Date of 09 May 2014 and Suspension End Date of 16 June 2014.
- An existing reconstructed/deferred settlement **ASX Code "DCCDA" (historical record)** with Last Quoted Date of 28 May 2013 still disseminated in the ASX ReferencePoint Master List E01 file. This historical deferred delivery ASX Code will display the same Suspension Start Date of 09 May 2014 and Suspension End Date of 16 June 2014 as the pre-reconstructed ASX Code "DCC".
- Reconstructed deferred settlement **ASX Code "DCCDC" (historical record)** with Last Quoted Date of 13 May 2014 will display the same Suspension Start Date of 09 May 2014 and Suspension End Date of 16 June 2014 as the pre-reconstructed ASX Code "DCC" even though DCCDC's First Active Date of 13 may 2014 is before the Suspension Start Date.

Total Return Single Stock (TORESS) Options and LEPOs

TORESS options are call only option products that have 2 distinguishing features which differentiate them from standard options traded in ASX. They are:

- Ordinary dividends are adjusted for via a cash transfer between the option seller and buyer. This features allows for the better pricing of these options due to the removal of forecast dividend in pricing.
- The options are cash settled upon exercise as opposed to physical delivery. This feature removes some issues which clearers have expressed around Cash market Margining (CMM) on the back of exercise.

ASX Code convention for TORESS Options:

Unique, to distinguish them from existing Exchange Trade Options.

a. The first two characters denotes/maps to the first 2 characters of the underlying ASX Code i.e. BH for BHP
b. The third character is a set of numerical value i.e. 8 --> BH8
c. The 4th and 5th characters are the clearing code which is randomly assigned by the ASX. Some codes will include a 6th numerical character which is also a clearing code randomly assigned by ASX.

First TORESS options were listed on 30 November 2015 and trading on these securities commenced on 01 December 2015.

Last Active Date data field in the SK – Equity Security Detail

The Last Active Date data field in the SK – Equity Security Detail Message is intended to assist ASX ReferencePoint Master List customers in handling the representation of reconstructed securities. This data field is located at the end of the SK message (column BF in the CSV file format).

When a security is reconstructed, a Last Quoted Date is attached to the pre-reconstruction three (3) character ASX Code. In its place, a reconstructed code is quoted in order to inform the market that the security is trading on a reconstructed basis. The reconstructed security will contain the letter "D" as the fourth (4th) character of the ASX Code.

Reconstruction Management (Example)

e.g.. Security XXX is reconstructed effective June 1, 2000.

The SK message will show XXX as being removed from Quotation at this date, and a new security, XXXDA, will be quoted for trading.

Approximately two weeks later, the XXXDA will be removed, and the XXX re-Quoted for trading.

The difficulty caused by the above scenario is the interpretation placed on removed from Quotation, in that a number of vendors represent this as a 'delisting' of the XXX stock, which causes some confusion in the market. In order to assist vendors in differentiating between the temporary removal from quotation of a stock code, and the full delisting of a security and its removal, ASX will supply the 'Last Active Date' field in addition to the currently supplied 'Last Quoted Date'. In the event that a security is not to be removed from quotation permanently, only the Last Quoted Date field will be filled, and the Last Active Date field will remain empty (i.e. zero filled).

This being the case, vendors can rely on the new field 'Last Active Date' in order to remove ASX Codes from systems, and flag them as Delisted, rather than the 'Last Quoted Date' field used currently.

A revised field definition of 'Last Active Date' can be found in Attachment One. A revised message specification for the **SK (Security Detail -Equity)** message is in Attachment Two.

The new field is being appended to the end of the message to allow vendors to choose whether or not they wish to incorporate the information, or to discard it at the point of capture. Generally, new data fields on Market Data ReferencePoint messages will continue to be added to the end of message structures to allow this option.

Note that for a cancelled Reconstruction (object instrument):

- Last Quoted Date will be set to zero
- Last Active Date (SK only) will be set to the Reconstruction Issue Date

GICS Code Table

Entries in bold font are new additions or updates which take effect 20 March 2023.

Sector	Industry Group	Industry	Sub-Industry	GICS Code
Energy	Energy			10100000
Materials	Materials			15100000
		Metals & Mining		15104000
Industrials	Capital Goods			20100000
	Commercial & Professional Services			20200000
	Transportation			20300000
Consumer Discretionary	Automobile & Components			25100000
	Consumer Durables & Apparel			25200000
	Consumer Services			25300000
	Consumer Discretionary Distribution & Retail (updated name)			25500000
Consumer Staples	**Consumer Staples Distribution & Retail (updated name)**			30100000
	Food Beverage & Tobacco			30200000
	Household & Personal Products			30300000
Health Care	Health Care Equipment & Services			35100000
	Pharmaceuticals, Biotechnology & Life Sciences			35200000
Financials	Banks			40100000
	Financial Services (updated name)			40200000
	Insurance			40300000
				40400000
Information Technology	Software & Services			45100000
	Technology Hardware & Equipment			45200000
	Semiconductors & Semiconductor Equipment			45300000

Sector	Industry Group	Industry	Sub-Industry	GICS Code
Communication Services	Telecommunication Services			50100000
	Media and Entertainment			50200000
Utilities	Utilities			55100000
Real Estate	**Equity Real Estate Investment Trusts (REITs) (updated name)**			60100000
		Diversified REITs (new)		**60101000**
		Industrial REITs (new)		**60102500**
		Hotel & Resort REITs (new)		**60103000**
		Office REITs (new)		**60104000**
		Healthcare REITs (new)		**60105000**
		Residential REITs (new)		**60106000**
		Retail REITs (new)		**60107000**
		Specialized REITs (new)		**60108000**
	Real Estate Management & Development (new)			**60200000**
		Real Estate Management & Development (new)		**60201000**
ASX Internal	Classification Pending			99999999
	GICS Sector Code Not Applicable			00000000

ASX Trade Market Codes Table

Description	Id
Agricultural Derivatives Market	25
Stock Derivatives Market	2
Index Derivatives Market	1
Equity Market Group 1 (A-B)	101
Equity Market Group 2 (C-F)	102
Equity Market Group 3 (G-M)	103
Equity Market Group 4 (N-R)	104
Equity Market Group 5 (S-Z)	105
Stock Index Market	110
Listed Funds, Warrants & Structured Products	50
Quote Display Board	57
Interest Rate Market	120
PureMatch Equity Market Group 1 (A-B)	151
PureMatch Equity Market Group 2 (C-F)	152
PureMatch Equity Market Group 3 (G-M)	153
PureMatch Equity Market Group 4 (N-R)	154
PureMatch Equity Market Group 5 (S-Z)	155
PureMatch Listed Funds	156
Volume Match Book	130
Practice Market	250
ASX Bookbuild	253

ASX Trade Instrument Groups Table

Description	Id
European Call Option	1
European Put Option	2
Futures	4
Avista	5
American Call Option	6
American Put Option	7
American Future Call Option	16
American Future Put Option	17
Future Style Euro Call Opt- LEPO	22
Strip	33
Index American Call	140
Index American Put	141
Index European Call	142
Index European Put	143
Index Barrier American Call	144
Index Barrier American Put	145
Index Barrier European Call	146
Index Barrier European Put	147
Currency American Call	148
Currency American Put	149
Currency European Call	150
Currency European Put	151
Commodity Amer Call	156
Commodity Amer Put	157
Commodity Euro Call	158
Commodity Euro Put	159
Equity Amer Call	164

Description	Id
Equity Amer Put	165
Equity Euro Call	166
Equity Euro Put	167
Equity Barrier Amer Call	168
Equity Barrier Amer Put	169
Equity Barrier Euro Call	170
Equity Barrier Euro Put	171
Equity Capped Amer Call	172
Equity Capped Euro Call	174
Instalment Amer Call	176
Instalment Euro Call	177
Instalment Barrier Amer Call	178
Instalment Barrier Euro Call	179
Instalment Rolling Amer Call	182
Instalment Rolling Euro Call	183
Instal Roll Barrier Amer Call	184
Instal Roll Barrier Euro Call	185
Self Funding Instal Amer Call	186
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Security Type Table

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02	Restricted Ordinary
03	Employee Ordinary
04	Allocation Interest
05	Forfeited
06	Trust Units
07	Exchange Traded Fund Units
08	Transferable Custody Receipt
09	Entitlements
10	Rights
11	High Denomination Equities
12	High Denomination Convertible Notes
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17	Cumulative Preference
18	Cumulative Redeemable Preference
19	Cumulative Redeemable Convertible Preference
20	Cumulative Convertible Preference
21	Convertible Preference
22	Convertible Redeemable Preference
23	Redeemable Preference
24	Part Preference
25	Redeemable Part Preference
26	Cumulative Part Preference
27	Convertible Part Preference
28	Cumulative Redeemable Part Preference
29	Cumulative Redeemable Convertible Part Preference
30	Employee Preference
31	Cumulative Part Employee Preference

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33	Trading Managed Fund – High Denomination
34	QDB Managed Fund ~~(T+3)~~ – High Denomination
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Type	Description
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61	Screen Traded Debentures
62	Transferable Deposits
63	Tax Free Loans
64	Semi-Government Loans
66	Screen Traded Semi Government Loans
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71	Screen Traded Unsecured Notes (Cash Traded)
72	Floating Rate Notes
73	Wholesale Corporate Interest Rate Securities
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81	Bond CDI (covers Exchange-traded Australian Government Bonds and Corporate Bond CDIs)
83	Screen Traded Government Loans
85	Australian Grain Futures
87	Australian Wool Futures
90	Local Call Options
91	Local Put Options
92	International Call Options
93	International Put Options
94	ASX Futures Call Options
95	Low Exercise Price Options (LEPOs)
96	ASX Futures Put Options
97	ASX Futures Contracts
99	Australian Futures Strip

Warrant Type Table

Warrant Group by Structure	Warrant Group Structure Code	Underlying Instrument	Underlying Instrument Code	Special Feature 1 Description	Spec. Feat. 1 Code	Special Feature 2 Description	Spec. Feat. 2 Code	Warrant Type Description	Warrant Type Code
Option	0	Equity	0	n/a	0	Call	1	Equity Call	0001
Option	0	Equity	0	n/a	0	Put	2	Equity Put	0002

Warrant Group by Structure	Warrant Group Structure Code	Underlying Instrument	Underlying Instrument Code	Special Feature 1 Description	Spec. Feat. 1 Code	Special Feature 2 Description	Spec. Feat. 2 Code	Warrant Type Description	Warrant Type Code
Option	0	Equity	0	International	1	Call	1	International Equity Call	0011
Option	0	Equity	0	International	1	Put	2	International Equity Put	0012
Option	0	Equity	0	Barrier	2	Call	1	Barrier Equity Call	0021
Option	0	Equity	0	Barrier	2	Put	2	Barrier Equity Put	0022
Option	0	Equity	0	Cap	3	Call	1	Capped Equity Call	0031
Option	0	Equity	0	Cap	3	Put	2	Capped Equity Put	0032
Mini	0	Equity	0	n/a	8	Long Exposure	1	Mini Equity Long Exposure	0081
Mini	0	Equity	0	n/a	8	Short Exposure	2	Mini Equity Short Exposure	0082
Option	0	Index	1	n/a	0	Call	1	Index Call	0101
Option	0	Index	1	n/a	0	Put	2	Index Put	0102
Option	0	Index	1	International	1	Call	1	International Index Call	0111
Option	0	Index	1	International	1	Put	2	International Index Put	0112
Option	0	Index	1	Barrier	2	Call	1	Barrier Index Call	0121
Option	0	Index	1	Barrier	2	Put	2	Barrier Index Put	0122
Mini	0	Index	1	n/a	8	Long Exposure	1	Mini Index Long Exposure	0181
Mini	0	Index	1	n/a	8	Short Exposure	2	Mini Index Short Exposure	0182
Option	0	Currency	2	n/a	0	Call	1	Currency Call	0201
Option	0	Currency	2	n/a	0	Put	2	Currency Put	0202
Option	0	Currency	2	Barrier	2	Call	1	Currency Barrier Call	0221
Option	0	Currency	2	Barrier	2	Put	2	Currency Barrier Put	0222
Option	0	Commodity	3	n/a	0	Call	1	Commodity Call	0301
Option	0	Commodity	3	n/a	0	Put	2	Commodity Put	0302
Option	0	Commodity	3	Barrier	2	Call	1	Commodity Barrier Call	0321
Option	0	Commodity	3	Barrier	2	Put	2	Commodity Barrier Put	0322
Option	0	Basket	4	n/a	0	Call	1	Basket Call	0401
Option	0	Basket	4	n/a	0	Call	2	Basket Put	0402
Instalment	1	Equity	0	n/a	0	n/a	0	Instalment	1000
Instalment	1	Equity	0	n/a	0	High Leverage	3	High Leverage Instalment	1003
Instalment	1	Equity	0	International	1	DLC Structure	4	DLC Instalment	1014
Instalment	1	Equity	0	Barrier	2	n/a	0	Barrier Instalment	1020
Instalment	1	Equity	0	Barrier	2	High Leverage	3	Barrier High Leverage Instalment	1023
Instalment	1	Equity	0	Cap	3	n/a	0	Capped Instalment	1030
Instalment	1	Equity	0	Rolling	4	n/a	0	Rolling Instalment	1040
Instalment	1	Equity	0	Rolling	4	High Leverage	3	Rolling High Leverage Instalment	1043
Instalment	1	Equity	0	Rolling, Early Reset Level	5	n/a	0	Rolling Reset Instalment	1050
Instalment	1	Equity	0	Listed Protected Loan	5	Protected Loan	3	Listed Protected Loan	1053
Instalment	1	Equity	0	Unlisted Fund	6	n/a	0	Fund Instalment	1060
Instalment	1	Equity	0	Self-funding	7	n/a	0	Self-funding Instalment	1070
Instalment	1	Basket	4	n/a	0	n/a	0	Basket Instalment	1400
Instalment	1	Basket	4	Rolling	4	n/a	0	Rolling Basket Instalment	1440

Warrant Group by Structure	Warrant Group Structure Code	Underlying Instrument	Underlying Instrument Code	Special Feature 1 Description	Spec. Feat. 1 Code	Special Feature 2 Description	Spec. Feat. 2 Code	Warrant Type Description	Warrant Type Code
Instalment	1	Basket	4	Rolling, Early Reset Level	5	n/a	0	Rolling Reset Basket Instalment	1450
Endowment	2	Equity	0	n/a	0	n/a	0	Endowment	2000
Endowment	2	Equity	0	International	1	n/a	0	International Endowment	2010
Endowment	2	Basket	4	n/a	0	n/a	0	Basket Endowment	2400
Capital Protected	3	Equity	0	n/a	0	n/a	0	Capital Protected	3000
Capital Protected	3	Basket	4	n/a	0	n/a	0	Capital Protected Basket	3400
Non-Capital Protected	4	Equity	0	n/a	0	n/a	0	Non-Capital Protected	4000

Currency Code Table

Currency Code	Country	Currency
ATS	Austria	Schillings
AUD	Australia	Dollars
BEC	Belgium –Convertible	Francs
BEL	Belgium – Financier	Francs
CAD	Canada	Dollars
CHF	Switzerland	Francs
CNY	China (Peoples Republic)	Renminbi/Yuan
DEM	Germany	Deutschmarks
DKK	Denmark	Kroner
EUR	European Community	Euro
ESB	Spain	Pesetas
FIM	Finland	Markkaa
FJD	Fiji	Dollars
FRF	France	Francs
GBP	United Kingdom	Pound
GRD	Greece	Drachmae
HKD	Hong Kong	Dollars
IEP	Ireland	Punts
INR	India	Rupees
IDR	Indonesia	Rupiah
ITL	Italy	Lire
JPY	Japan	Yen
KES	Kenya	Shilling
KWD	Kuwait	Dinars
LKR	Sri Lanka	Rupees
MYR	Malaysia	Ringgit
MLP	Malta	Pound

Currency Code	Country	Currency
MTL	Malta	Lire
NLG	Netherlands	Guilders
NOK	Norway	Kroner
NZD	New Zealand	Dollars
PGK	Papua New Guinea	Kina
PHP	Philippines	Pesos
PKR	Pakistan	Rupees
PTE	Portugal	Escudos
SAR	Saudi Arabia	Riyals
SBD	Solomon Islands	Dollars
SEK	Sweden	Kroner
SGD	Singapore	Dollars
TOP	Tonga	Pa'anga
THB	Thailand	Bahts
USD	United States of America	Dollars
VUV	Vanuatu	Vatu
XPF	New Caledonia/Tahiti	Francs
ZAR	South Africa	Rand

Access via ASX Online

System Introduction

ASX Online is an innovative extranet site from ASX, developed to meet your needs by providing information efficiently and cost effectively.

The site offers subscribers fast access to products and information while maintaining security through unique user names and passwords. ASX Online has been specifically designed to be flexible and easy to use. You will find the navigation bar takes you quickly to the information you need.

Access and Availability

The ASX Online site has a scheduled availability of 12:00am Monday – 12:00pm Saturday, Australian Eastern Standard Time, with a maximum downtime of 15 minutes in this period.

Website Details

The ASX Online site has a unique URL: https://www.asxonline.com/mia/

Security Identification

Security Identification is defined by a unique combination of a user name and password. The only means of gaining a user name and password for the ASX Online site is from the ASX Information Services Contracts & Subscriptions Coordinator.

Prior to receiving a user name and password, the Subscriber must have signed and returned two original copies of the Subscription Agreement. The user name and password will be sent by way of a personally addressed letter.

It is the Subscriber's responsibility to protect the confidentiality of the Security Identification and prevent its unauthorised use or distribution. If the confidentiality of the Security Identification is compromised, the Subscriber must notify the ASX Information Services Contracts & Subscriptions Coordinator in writing immediately and a new Security Identification will be issued. The compromised Security Identification will be cancelled on receipt of the above written notice.

ASX may also cancel or suspend a Subscriber's Security Identification where misuse or abuse of access to the ASX Online site has been identified. In this instance, ASX will notify the Subscriber in writing.

Resources

Guidance about automated ways of accessing data from ASX Online is available via the following resources:

- Customers seeking to automate file download via their own preferred mechanism: https://ASX Online.com/content/ASX Online/public/documents/market-information-application--mia----rest-programmatic-interfa.html
- Customers seeking to use the ASX developed java application: https://ASX Online.com/content/ASX Online/public/documents/market-information-application--mia----java-downloader-guide.html

Document History

Version	Date	Page	Changes made
3.0	April 2025	All	Template updated only. No changes made to content.
4.0	November 2025	All	ASX logo updated only. No changes made to content.

Note: For previous updates/changes, refer to ASX Information Services Notices published. ASX Information Services Notices can be accessed using the below link:

asxonline.com

- Click on the **Participant** icon at the top of the page
- Click on the **Library** icon at the top of the subsequent page.
- Click on **"Communications"** folder, then on **"Market Information"**, to access these notices.

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