ASX ReferencePoint®
ASX 24 Master List Manual

Introduction

ASX Information Services is a financial information service provider delivering market information relating to ASX's markets and operations, including from ASX's listed securities, investments and derivatives trading platforms known as ASX Trade® and ASX Trade 24®, the debt market Central Securities Depository (CSD) system Austraclear®, the equity clearing and CSD system CHESS®, and ASX's Market Announcements Platform (MAP).

For more information about ASX24 please visit **www.asx.com.au/markets/trade-our-derivatives-market**

Product Description

ASX 24 ReferencePoint® Master List is a daily data product containing instrument reference data for all ASX 24 listed derivatives tradable on the day

- Details are provided for all Futures, Options, and Combinations tradable for that day, including Strips, Packs, and Bundles.
- Details for all User Defined Combinations are also provided at the end of trading.
- Separate files are provided for Australian and New Zealand instruments, and for instrument subsets.
- Delivered in both CSV and Parquet formats, via ASX Online.

Product and File Structure

The public Daily Summary product is available for subscription as a daily CSV/Parquet format file via internet connection to the ASX Online B2B web portal (**https://www.asxonline.com/mia/**) with the below details:

Product Structure

ASX Online Portal Product Codes (for download utility use)	REFASX24ML
File Description	Master List Files The ASX 24 Master List product provides instrument specific Security Master reference data as defined below for the range of instruments.
File Name	Master List Files

Frequency	Time	Link Name	Zip File Name	File Names within zip file
Daily T-S	00:45 AEST	DD MMM YY - ASX 24 Master List All	MASTALL.zip	-ASX24_Master_List_All_YYYYMMDD-YYMMDDHHmm.csv -ASX24_Master_List_All_YYYYMMDD-YYMMDDHHmm.parquet
Daily T-S	00:45 AEST	DD MMM YY - ASX 24 Master List UDC	MASTUDC.zip	-ASX24_Master_List_UDC_YYYYMMDD-YYMMDDHHmm.csv -ASX24_Master_List_UDC_YYYYMMDD-YYMMDDHHmm.parque
Daily M-F	16:55 AEST	DD MMM YY - ASX 24 Master List XSFE	MASTXSFE.zip	-ASX24_Master_List_XSFE_All_NonUDC_YYYYMMDD-YYMMDDHHmm.csv -ASX24_Master_List_XSFE_All_NonUDC_YYYYMMDD-YYMMDDHHmm.parquet
Daily M-F	14:55 AEST	DD MMM YY - ASX 24 Master List NZFX	MASTNZFX.zip	-ASX24_Master_List_NZFX_All_NonUDC_YYYYMMDD-YYMMDDHHmm.csv -ASX24_Master_List_NZFX_All_NonUDC_YYYYMMDD-YYMMDDHHmm.parquet
Daily M-F	16:55 AEST	DD MMM YY - ASX 24 Master List XSFEF	MASTAUFU.zip	-ASX24_Master_List_XSFE_Futures_YYYYMMDD-YYMMDDHHm -ASX24_Master_List_XSFE_Futures_YYYYMMDD-YYMMDDHHmm.parquet
Daily M-F	14:55 AEST	DD MMM YY - ASX 24 Master List NZFXF	MASTNZFU.zip	-ASX24_Master_List_NZFX_Futures_YYYYMMDD-YYMMDDHHm -ASX24_Master_List_NZFX_Futures_YYYYMMDD-YYMMDDHHmm.parquet
Daily M-F	16:55 AEST	DD MMM YY - ASX 24 Master List XSFEO	MASTAUOP.zip	-ASX24_Master_List_XSFE_Options_YYYYMMDD-YYMMDDHHm -ASX24_Master_List_XSFE_Options_YYYYMMDD-YYMMDDHHmm.parquet
Daily M-F	14:55 AEST	DD MMM YY - ASX 24 Master List NZFXO	MASTNZOP.zip	-ASX24_Master_List_NZFX_Options_YYYYMMDD-YYMMDDHHm -ASX24_Master_List_NZFX_Options_YYYYMMDD-YYMMDDHHmm.parquet
Daily M-F	16:55 AEST	DD MMM YY - ASX 24 Master List XSFE BC	MASTAUBC.zip	- ASX24_Master_List_XSFE_BundlesCombinations_NonUDC_YYY YYMMDDHHmm.csv - ASX24_Master_List_XSFE_BundlesCombinations_NonUDC_YYY YYMMDDHHmm.parquet

Daily M-F	14:55 AEST	DD MMM YY - ASX 24 Master List NZFX BC	MASTNZBC.zip	- ASX24_Master_List_NZFX_BundlesCombinations_NonUDC_YYYYMMDD-YYMMDDHHmm.csv - ASX24_Master_List_NZFX_BundlesCombinations_NonUDC_YYYYMMDD-YYMMDDHHmm.parquet

- Daily M-F is Monday to Friday
- Daily T-S is Tuesday to Saturday
- DD MMM YY is the prior business date to the trading date for the Australian and New Zealand market. Eg. 04 MAR 26
- YYYYMMDD is the trading date for the Australian and New Zealand market. Eg. 20260305
- YYMMDDHHmm is the file generation timestamp. Eg. 2506051601

File Extension and Encoding	csv and parquet
Column Headers in File	Y
Delimiter	For csv: ‘,’ For parquet: N/A
Quoting	For csv: Minimal (only quote fields that contain special characters) For parquet: N/A

File Generation and Scheduling

File generation business days	The file will be generated daily as per schedule above for all ASX 24 business days, as detailed here: **asx-24-trading-calendar** (https://www.asx.com.au/markets/market-resources/asx-24-trading-calendar)
File generation (no records)	If no data is available on a certain trading day, then empty files will be generated.
File generation non-business days	For non-business days no data files will be generated.

File Structure – Daily Summary File (CSV)

Header	Header row will be the first row in the file and the headers will be as per the below file specification.
Content	The content rows of the file will contain the data per Product Code as per the below file specification.
Trailer	The trailer row of the file should contain 2 fields: i. Row count: the total number of Content rows (i.e. excluding header and trailer rows)

ii. Hash: SHA256 hash value of Header row and Content rows (i.e. excluding the trailer row)

File Structure – Daily Summary File (Parquet)

Header	Contains only the 4-byte ASCII text "PAR1".
Content	Contains the actual binary data, organized into row groups, column chunks, and pages.
Footer	Contains all the crucial metadata, including the schema, compression and encoding details, statistics, and the locations of the column chunks.

File Specification – Data Fields

Field Name	Type	Field Category	Details	Example
TradeDate	Date	Date	Trade date (YYYY-MM-DD).	2023-07-17
TradeableInstrumentId	Integer	Instrument Reference Data	Identifier of the tradable instrument.	274315
SymbolName	String	Instrument Reference Data	The unique tradable instrument name.	EHN3
LongName	String	Instrument Reference Data	Additional instrument series information.	Benmore Base Load Month Electricity Futures
ISIN	String	Instrument Reference Data	Reserved for future use.	
Exchange	String	Instrument Reference Data	Denotes the exchange identifier of the contract	NZFX
Instrument	String	Instrument Reference Data	Denotes the instrument identifier of the contract.	EH
InstrumentType	String	Instrument Reference Data	Denotes the type of instrument. Possible values are Future, Option, Combination and Bundles.	Future
CFICode	String	Instrument Reference Data	Indicates the type of security using ISO 10962 standard, CFI code values.	FCICSO
ExpiryYear	Integer	Instrument Reference Data	Year of expiry (YYYY)	2023
ExpiryMonth	String	Instrument Reference Data	Month of expiry (MMM)	Jul
OptionType	String	Instrument Reference Data	Indicates the type of option: Call or Put	Call
Strike	Integer	Instrument Reference Data	Strike price of contract. Divide by the Strike Price Fractional Denominator to determine the floating point value.	96300000

UnderlyingTradeableInstrumentId	Integer	Instrument Reference Data	Identifier of the Underlying Tradeable Instrument (can be zero if underlying not defined).	274315
PriceMethod	String	Instrument Reference Data	Pricing method: Net Price (leg ratios are used to calculate the net price), Yield Difference (leg ratios greater than 1 do not affect the net price calculation), Individual (first leg is fixed price, remaining legs are net price), Average Price (legs are same side, i.e. bid buys all legs or ask sells all legs)	AveragePrice
PriceDisplayDecimals	Integer	Instrument Reference Data	Suggested number of decimals to display the price at.	4
PriceFractionalDenominator	Integer	Instrument Reference Data	Denominator of the price to yield the floating point price.	1000000
PriceMinimumTick	Integer	Instrument Reference Data	Minimum tick size. Divide by the Price Fractional Denominator to determine the floating point value.	5000
StrikePriceDecimalPosition	Integer	Market Data	Number of decimals to display the strike price.	3
StrikePriceFractionalDenominator	Integer	Market Data	Denominator of the Strike Price to yield the floating point strike price.	1000000
StrikePriceMinimumTick	Integer	Market Data	Minimum tick size for the Strike Price. Divide by the Strike Price Fractional Denominator to determine the floating point value.	1000000
LastTradingDate	Date	Market Data	The Last Trading Day as specified in the ASX 24 Contract Specifications (YYYY-MM-DD).	2023-09-14
PriorDaySettlement	Integer	Market Data	Prior Day Settlement price. Divide by the Price Fractional Denominator to determine the floating point value.	96100000
Volatility	Integer	Market Data	Volatility for an option contract.	120000
Currency	String	Market Data	Currency of contract.	AUD
LotSize	Integer	Market Data	The Contract Unit as specified in the ASX 24 Contract Specifications.	65000000000
MaturityValue	Integer	Market Data	The number of days or years to maturity for bills or bonds as specified in the ASX 24 Contract Specifications.	0

CouponRate	Integer	Market Data	The coupon percentage rate for bonds. Divide by 100 to determine the floating point value.	600
PaymentsPerYear	Integer	Market Data	Number of payments per year for bonds.	0
BlockLotSize	Integer	Market Data	Indicates the number of lots that represent a block lot for the order book. Note: A value of 0 indicates that this lot type is undefined for the order book.	0
ExpiryDate	Date	Market Data	The Settlement Date as specified in the ASX 24 Contract Specifications (YYYY-MM-DD)	2023-09-14
Leg1TradeableInstrumentId	Integer	Market Data	Tradable Instrument Identifier of this leg.	123456
Leg1Side	String	Market Data	Side of this leg: Buy or Sell	Buy
Leg1Ratio	Integer	Market Data	Volume Ratio of this leg.	20
Leg1Price	Integer	Market Data	Price of this leg. For exchange defined combinations this will always be zero. For user defined combinations this may be non-zero, depending on the Price Method.	88300000
Leg2TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg2Side	String	Market Data	As per Leg 1.	-
Leg2Ratio	Integer	Market Data	As per Leg 1.	-
Leg2Price	Integer	Market Data	As per Leg 1.	-
Leg3TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg3Side	String	Market Data	As per Leg 1.	-
Leg3Ratio	Integer	Market Data	As per Leg 1.	-
Leg3Price	Integer	Market Data	As per Leg 1.	-
Leg4TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg4Side	String	Market Data	As per Leg 1.	-
Leg4Ratio	Integer	Market Data	As per Leg 1.	-
Leg4Price	Integer	Market Data	As per Leg 1.	-

Leg5TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg5Side	String	Market Data	As per Leg 1.	-
Leg5Ratio	Integer	Market Data	As per Leg 1.	-
Leg5Price	Integer	Market Data	As per Leg 1.	-
Leg6TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg6Side	String	Market Data	As per Leg 1.	-
Leg6Ratio	Integer	Market Data	As per Leg 1.	-
Leg6Price	Integer	Market Data	As per Leg 1.	-
Leg7TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg7Side	String	Market Data	As per Leg 1.	-
Leg7Ratio	Integer	Market Data	As per Leg 1.	-
Leg7Price	Integer	Market Data	As per Leg 1.	-
Leg8TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg8Side	String	Market Data	As per Leg 1.	-
Leg8Ratio	Integer	Market Data	As per Leg 1.	-
Leg8Price	Integer	Market Data	As per Leg 1.	-
Leg9TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg9Side	String	Market Data	As per Leg 1.	-
Leg9Ratio	Integer	Market Data	As per Leg 1.	-
Leg9Price	Integer	Market Data	As per Leg 1.	-
Leg10TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg10Side	String	Market Data	As per Leg 1.	-
Leg10Ratio	Integer	Market Data	As per Leg 1.	-

Leg10Price	Integer	Market Data	As per Leg 1.	-
Leg11TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg11Side	String	Market Data	As per Leg 1.	-
Leg11Ratio	Integer	Market Data	As per Leg 1.	-
Leg11Price	Integer	Market Data	As per Leg 1.	-
Leg12TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg12Side	String	Market Data	As per Leg 1.	-
Leg12Ratio	Integer	Market Data	As per Leg 1.	-
Leg12Price	Integer	Market Data	As per Leg 1.	-
Leg13TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg13Side	String	Market Data	As per Leg 1.	-
Leg13Ratio	Integer	Market Data	As per Leg 1.	-
Leg13Price	Integer	Market Data	As per Leg 1.	-
Leg14TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg14Side	String	Market Data	As per Leg 1.	-
Leg14Ratio	Integer	Market Data	As per Leg 1.	-
Leg14Price	Integer	Market Data	As per Leg 1.	-
Leg15TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg15Side	String	Market Data	As per Leg 1.	-
Leg15Ratio	Integer	Market Data	As per Leg 1.	-
Leg15Price	Integer	Market Data	As per Leg 1.	-
Leg16TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg16Side	String	Market Data	As per Leg 1.	-

Leg16Ratio	Integer	Market Data	As per Leg 1.	-
Leg16Price	Integer	Market Data	As per Leg 1.	-
Leg17TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg17Side	String	Market Data	As per Leg 1.	-
Leg17Ratio	Integer	Market Data	As per Leg 1.	-
Leg17Price	Integer	Market Data	As per Leg 1.	-
Leg18TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg18Side	String	Market Data	As per Leg 1.	-
Leg18Ratio	Integer	Market Data	As per Leg 1.	-
Leg18Price	Integer	Market Data	As per Leg 1.	-
Leg19TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg19Side	String	Market Data	As per Leg 1.	-
Leg19Ratio	Integer	Market Data	As per Leg 1.	-
Leg19Price	Integer	Market Data	As per Leg 1.	-
Leg20TradeableInstrumentId	Integer	Market Data	As per Leg 1.	-
Leg20Side	String	Market Data	As per Leg 1.	-
Leg20Ratio	Integer	Market Data	As per Leg 1.	-
Leg20Price	Integer	Market Data	As per Leg 1.	-

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

Document History

Version	Date	Page	Changes made
0.1	Jan 2026	All	Initial pre-release version for review
0.2	Feb 2026	6-11	Updated OrderBookId to TradeableInstrumentId
0.3	Feb 2026	3-4	Updated ASX Online link names and empty file generation logic
1.0	Apr 2026	All	Version for release at product launch

***Note*:** For 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.

Contact us

Content and System Support

Subscribers with data content and production problem queries can contact the ASX Technical Support team:

Mon-Fri 8.30am – 6.00pm (AEST)
excluding public holidays

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ASX Information Services

Should you wish to contact the ASX Information Services team to receive further information or discuss products, please email **information.services@asx.com.au**