

# PRODUCT SPECIFICATION

Macquarie Global Infrastructure  
Index Series

FTSE Tracker Service



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## INDEX SPECIFICATION

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### INDEX DESCRIPTION

The Macquarie Global Infrastructure Index Series is designed to reflect the performance of the worldwide market in the shares of companies whose principal activity is the management, ownership and/or operation of infrastructure and utility assets.

Characteristics of these infrastructure and utility assets are basic services, facilities and/or institutions upon which the growth and development of a community depends. This may include assets such as toll roads, airports, rail track, shipping ports, telecommunications infrastructures (eg satellites, cable and transmission tower portfolios), schools, hospitals, and utilities such as electricity gas and water.

### INDEX ATTRIBUTES

- The following index table shows the specifications of the index and the attributes.

Index Specification	Attribute
Index Codes (Markers)	See 'File Range' below
Base Date	31 December 2003
Base Index Currency	USD
Base Value	5000

## PRODUCT SPECIFICATION

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### FILE RANGE

Index Name	Index Code
Macquarie Global Infrastructure 100 Index	MGII100
Macquarie Global Infrastructure Index	MACINDEX

#### ***Macquarie Global Infrastructure sub-indices:***

Macquarie Global Oil & Gas Index	MACO&GP
Macquarie Global Transport Services Index	MACGTS
Macquarie Global Utilities Index	MACGUTL
Macquarie Global Electricity Index	MACGE
Macquarie Global Gas Distribution Index	MACGGD
Macquarie Global Multiutilities Index	MACGM
Macquarie Global Water Index	MACGW
Macquarie Global Telecom Equipment Index	MACGTE
Macquarie Asia Pacific ex Japan ex Australia ex New Zealand Infrastructure Index	MIAPXJNA
Macquarie Australasia Infrastructure Index	MIAUNZ
Macquarie Europe Infrastructure Index	MIEUROPE
Macquarie Japan Infrastructure Index	MIJAPAN
Macquarie North America Infrastructure Index	MINAMERS
Macquarie USA Infrastructure Index	MIUSA

### FILE NAME

File Name	File Name & Extension
Macquarie 100 Index	mq1tddmm.csv
Macquarie Global Infrastructure Indices (incl. Macquarie 100)	mqtddmm.csv

(\*Where *ddmm* is effective date and month)

### FILE DDS PATH

mqtddmm.csv:

ftp://data.ftse.com/data/Macquarie/tracker/

mq1tddmm.csv:

ftp://data.ftse.com/data/Macquarie/tracker\_100/

### SERVICE TIMING

Available 23:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

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## FILE CONTENT

### MACQ01 - Index level data

Field	Description	Example	Decimal Places
Index Code	FTSE Index codes	MACINDEX	
Old Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for previous day's close market capitalisation calculation	254	0
New Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for adjusted previous day's close market capitalisation calculation	254	0
Previous Market Capitalisation	Previous day's closing weighted market capitalisation in USD Currency in millions	1451899.987250	6
New Market Capitalisation	Previous day's closing weighted market capitalisation in USD Currency in millions, after weighting amendments effective today	1451886.276223	6
Previous Divisor	Previous day's index divisor in USD Currency, millions	181.597963	6
New Divisor	Today's index divisor in USD Currency, millions	181.596248	6
XD Adjustment Value	Today's XD adjustment figure in USD Currency	0.117	3

MACQ02 - Stock level data - weighting amendments

Field	Description	Example	Decimal Places
Cons Code	Constituent identifier code	C02746	
Constituent Name	Name of company	Canadian Utilities CL A	
SEDOL	SEDOL Security Identifier	2172639	
CUSIP	CUSIP Security Identifier where available	136717832	
Country Code	Country code for Security	CAN	
Exchange Code	Exchange code for Security	CA	
ISO Code	ISO Currency code for Security	CAD	
Index Marker	Codes for indexes of which security is a constituent	MACINDEX	
Closing Sub-Sector Code	FTSE Global Classification Sub-Sector number (3 digit code)		
New Sub-Sector Code	New FTSE Global Classification Sub-Sector number (3 digit code)		
Closing Price	Previous day's closing price in currency specified	41.180000	6
Price Adjustment Factor	Price adjustment factor	0.993929	6
Adjusted Price	Share price in currency indicated after weighting amendment	40.930000	6
Previous Shares in Issue	Number of shares in issue before corporate amendment		
New Shares in Issue	Number of shares in issue after corporate amendment		
Previous Investibility Weight	Percentage of market capitalisation in issue included in the Indices at close		6
New Investibility Weight	New percentage of market capitalisation included in the Indexes close		6
Amendment Code	Code for weighting and housekeeping amendments	CP	
Amendment Notes	Details, where available, on weighting amendment code	Special Cash Dividend of CAD 0.25	

MACQ03 - Stock level data - Ex-dividend changes

Field	Description	Example	Decimal Places
Cons Code	FTSE constituent identifier	C02746	
Constituent Name	Name of company	Canadian Utilities CL A	
SEDOL	Stock Exchange Daily Official List (SEDOL) code	2172639	
CUSIP	Constituent CUSIP code	136717832	
Country Code	Country code for security	CAN	
Exchange Code	Exchange source	CA	
Sub-Sector Code	FTSE Global Classification code (3 Digit Number)	7535	
Shares in Issue	Number of shares in issue for today's calculation	82328320	
Investibility Weight	Percentage of shares in issue included in the indexes	75.00	2
Ex-Dividend Date	Date the security is XD	04/08/2006	
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	0.290000	6
ISO Currency Code	Currency code for dividend payment	CAD	
Index Marker	Codes for indexes of which company is a constituent	MACINDEX	
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.088	3
FTSE Dividend Code	Dividend Code	Q	
FTSE Dividend Notes	Details, where available, on dividend payments		

## FILE EXAMPLE

04/08/2006 (C) FTSE International Limited 2006. All Rights Reserved  
Macquarie Global Infrastructure Indices (incl. Macquarie 100) Tracker

### MACQ01

Index Code,Old Number of Constituents,New Number of Constituents,Previous Market  
Capitalisation,New Market Capitalisation,Previous Divisor,New Divisor,XD Adjustment Value  
MACINDEX,254,254,1451899.987250,1451886.276223,181.597963,181.596248,0.117  
MGII100,100,100,1218233.709855,1218233.709855,154.056991,154.056991,0.000  
YYYYYYYYYY

### MACQ02

Cons Code,Constituent Name,SEDOL,CUSIP,Country Code,Exchange Code,ISO Code,Index  
Marker,Closing Subsector Code,New Subsector Code,Closing Price,Price Adjustment Factor,Adjusted  
Price,Previous Shares in Issue,New Shares in Issue,Previous Investibility Weight,New Investibility  
Weight,Amendment Code,Amendment Notes  
C02746,Canadian Utilities CL  
A,2172639,136717832,CAN,CA,CAD,MACINDEX,,,41.180000,0.993929,40.930000,,,,CP,Special Cash  
Dividend of CAD 0.25  
YYYYYYYYYY

### MACQ03

Cons Code,Constituent Name,SEDOL,CUSIP,Country Code,Exchange Code,Subsector Code,Shares in  
Issue,Investibility Weight,Ex-Dividend Date,Dividend Amount,ISO Currency Code,Index Marker,XD  
Adjustment Value,FTSE Dividend Code,FTSE Dividend Notes  
C02746,Canadian Utilities CL  
A,2172639,136717832,CAN,CA,7535,82328320,75.00,04/08/2006,0.290000,CAD,MACINDEX,0.088,Q,  
C69648,California Water Service  
Group,2165383,130788102,USA,US,7577,18375500,100.00,04/08/2006,0.287500,USD,MACINDEX,0.02  
9,Q,  
C69648,California Water Service  
Group,2165383,130788102,USA,US,7577,18375500,100.00,04/08/2006,0.287500,USD,MAQU60USA,8.  
125,Q,  
C02746,Canadian Utilities CL  
A,2172639,136717832,CAN,CA,7535,82328320,75.00,04/08/2006,0.290000,CAD,MAQU30CAN,8.796,Q,  
YYYYYYYYYY  
XXXXXXXXXX

## EXCHANGE RATES FILE SPECIFICATION

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An Exchange Rates file is provided free of charge with this service.

File Name	File Name and Extension
FTSE Exchange Rates File	wixrddmm.csv*

(\* where *ddmm* is effective date and month)

### FILE CONTENT

Field	Description	Decimal Places
Date	ddmmyyyy format	
ISO Currency Code	Currency code	
USD Exchange Rate	USD exchange rate used for calculation (WM/Reuters closing rates)	Up to 6

(\*where *dd/mm/yyyy* is effective date, month and year)

### FILE EXAMPLE

11/06/2004(C) FTSE International Limited 2004. All Rights Reserved  
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

06/11/2004,ARS,2.968800  
06/11/2004,ATS,11.456900  
06/11/2004,AUD,1.442900  
06/11/2004,BEF,33.587200  
06/11/2004,BRL,3.142000  
06/11/2004,CAD,1.362800  
06/11/2004,CHF,1.260000  
06/11/2004,CLP,649.250000  
06/11/2004,CNY,8.276500  
06/11/2004,COP,2735.500000  
06/11/2004,CZK,26.191600  
XXXXXXXXXX

## VERSION HISTORY

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### Product Specification Document Version History

- Version 1.0 - Initial Product Specification - October 2005
- Version 2.0 - Updated File Examples - August 2006
- Version 3.0 - Add Macquarie USA Infrastructure Index - February 2007
- Version 4.0 - Corrected DDS path - April 2007

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