

PRODUCT SPECIFICATION

FTSE Renaissance Asia Pacific IPO Index Series
Open Constituent Service



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INDEX SPECIFICATION

INDEX DESCRIPTION

- The FTSE Renaissance Asia Pacific IPO Index Series will give investors unparalleled exposure to the investable Asia Pacific IPO market, incorporating Renaissance Capital's IPO expertise and FTSE's established index standards. The Index Series initially contains two indices: the FTSE Renaissance Asia Pacific ex Japan IPO Index, a comprehensive benchmark index designed to capture the essence of IPO activity and performance in the Asia Pacific region, and the FTSE Renaissance Hong Kong/China Top IPO Index, which comprises the top Hong Kong listed companies and China Red Chips/H Shares selected from the FTSE Renaissance Asia Pacific ex Japan IPO Index. Net of tax versions of these indices using Luxembourg Tax Rates to provide total return index valuations with the effects of dividends reapplied less the withholding portion are also available.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	IPOAPX, IPOHKT, IPOAPXAU, IPOAPXCHN, IPOAPXHK, IPOAPXINDO, IPOAPXIND, IPOAPXKOR, IPOAPXMAL, IPOAPXNZ, IPOAPXPAK, IPOAPXPHIL, IPOAPXSI, IPOAPXTWN, IPOAPXTHAI
Base Date	30 December 2005
Base Index Currency	USD – IPOAPX HKD – IPOHKT Local currency – country indices
Base Value	1000

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code
FTSE Renaissance Asia Pacific ex Japan IPO Index	IPOAPX
FTSE Renaissance Hong Kong/China Top IPO Index	IPOHKT
FTSE Renaissance Australia IPO Index	IPOAPXAU
FTSE Renaissance China IPO Index	IPOAPXCHN
FTSE Renaissance Hong Kong IPO Index	IPOAPXHK
FTSE Renaissance Indonesia IPO Index	IPOAPXINDO
FTSE Renaissance India IPO Index	IPOAPXIND
FTSE Renaissance Korea IPO Index	IPOAPXKOR
FTSE Renaissance Malaysia IPO Index	IPOAPXMAL
FTSE Renaissance New Zealand IPO Index	IPOAPXNZ
FTSE Renaissance Pakistan IPO Index	IPOAPXPAK
FTSE Renaissance Philippines IPO Index	IPOAPXPHIL
FTSE Renaissance Singapore IPO Index	IPOAPXSI
FTSE Renaissance Taiwan IPO Index	IPOAPXTWN
FTSE Renaissance Thailand IPO Index	IPOAPXTHAI

FILE NAME

File Name	File Name & Extension	File Content
FTSE Renaissance Asia Pacific ex Japan IPO Opening Constituent Service	ipaoddmm.csv	IPOAPX and all country indices
FTSE Renaissance Hong Kong/China Top IPO Tradable Opening Constituent Service	ip1oddmm.csv	IPOHKT

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

FILE DDS PATH

ftp://data.ftse.com/data/ipo_ap/tradable_open_constituents
ftp://data.ftse.com/data/ipo_ap/benchmark_open_constituents

SERVICE TIMING

All files are available by 22:00 hours Hong Kong time (14:00/15:00 hours London time GMT or British Summertime as applicable)

PRODUCT SPECIFICATION

FILE CONTENT

- *ipaoddmm.csv*

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identification code	C104503		String	Y
SEDOL	Constituent SEDOL code	B0536L6		String	Y
CUSIP	CUSIP code			String	Y
Local Market Code	Local Market Code (Ticker)			String	Y
Constituent Name	Name of index constituent	"China Railway"		String	Y
Country Code	Country code for constituent	CHN		String	Y
ISO Code	ISO currency code for constituent	HKD		String	Y
Exchange Code	Exchange code for Security	FHH		String	Y
Price	Closing price in currency specified	3840.000000	6	Float	Y
Number of Shares in Issue	Number of shares in issue	296421000		Integer	Y
Investability Weighting Factor	Percentage of market capitalisation included in the Indexes	75.000000%	6	Percentage	Y
Industry Code	ICB 4-digit Industry classification code	4000		Integer	Y
Supersector Code	ICB 4-digit Supersector classification code	4500		Integer	Y
Sector Code	ICB 4-digit Sector classification code	4570		Integer	Y
Subsector Code	ICB 4-digit Subsector classification code	4577		Integer	Y
Dividend Yield %	Dividend Yield (%)	3.12%	2	Percentage	Y
Mkt. Cap before Investability Weighting	Market Capitalisation in USD at index close before applying investability weight restraint factor	10598.292737	6	Float	Y
Mkt. Cap after Investability Weighting	Market Capitalisation in USD at index close after applying investability weight restraint factor	7948.719553	6	Float	Y
% Wt in FTSE Renaissance Asia Pacific ex Japan IPO Index	Intentionally left blank		6	Percentage	N
% Wt Country	Intentionally left blank		6	Percentage	N
Index Marker	Index in which the constituent is a member	IPOAPX IPOAPXCHN		String	Y

PRODUCT SPECIFICATION

FILE CONTENT

- ip1oddmm.csv

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identification code	C104503		String	Y
SEDOL	Constituent SEDOL code	B0536L6		String	Y
CUSIP	CUSIP code			String	Y
Local Market Code	Local Market Code (Ticker)			String	Y
Constituent Name	Name of index constituent	"China Railway"		String	Y
Country Code	Country code for constituent	CHN		String	Y
ISO Code	ISO currency code for constituent	HKD		String	Y
Exchange Code	Exchange code for Security	FHH		String	Y
Price	Closing price in currency specified	3840.000000	6	Float	Y
Number of Shares in Issue	Number of shares in issue	296421000		Integer	Y
Investability Weighting Factor	Percentage of market capitalisation included in the Indexes	75.000000%	6	Percentage	Y
Industry Code	ICB 4-digit Industry classification code	4000		Integer	Y
Supersector Code	ICB 4-digit Supersector classification code	4500		Integer	Y
Sector Code	ICB 4-digit Sector classification code	4570		Integer	Y
Subsector Code	ICB 4-digit Subsector classification code	4577		Integer	Y
Dividend Yield %	Dividend Yield (%)	3.12%	2	Percentage	Y
Mkt. Cap before Investability Weighting	Market Capitalisation in HKD at index close before applying investability weight restraint factor	10598.292737	6	Float	Y
Mkt. Cap after Investability Weighting	Market Capitalisation in HKD at index close after applying investability weight restraint factor	7948.719553	6	Float	Y
% Wt in FTSE Renaissance Hong Kong/China Top IPO Index	Intentionally left blank		6	Percentage	N
Index Marker	Index in which the constituent is a member	IPOHKT		String	Y

FILE EXAMPLE

- *ipaoddmm.csv*

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FTSE Renaissance Asia Pacific ex Japan IPO Open Constituents Service

Cons Code,SEDOL,CUSIP,Local Market Code,Constituent Name,Country Code,ISO Code,Exchange Code,Price,Number of Shares in Issue,Investability Weighting Factor,Industry Code,Supersector Code,Sector Code,Subsector Code,Dividend Yield %,Mkt. Cap before Investability Weighting,Mkt. Cap after Investability Weighting,% Wt in FTSE Renaissance Asia Pacific ex Japan IPO Index,%Wt Country,Index Marker

C104503, B0536L6,,," China Railway
",CHN,HKD,FHH,3840.000000,296421000,75.000000%,4000,4500,4570,4577,3.12%,10598.292737,
7948.719553,,,"IPOAPX IPOAPXCHN
XXXXXXXXXX

- *ip1oddmm.csv*

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FTSE Renaissance Hong Kong/China Top IPO Tradable Open Constituents Service

Cons Code,SEDOL,CUSIP,Local Market Code,Constituent Name,Country Code,ISO Code,Exchange Code,Price,Number of Shares in Issue,Investability Weighting Factor,Industry Code,Supersector Code,Sector Code,Subsector Code,Dividend Yield %,Mkt. Cap before Investability Weighting,Mkt. Cap after Investability Weighting,% Wt in FTSE Renaissance Hong Kong/China Top IPO Index,Index Marker

C104503, B0536L6,,," China Railway
",CHN,HKD,FHH,3840.000000,296421000,75.000000%,4000,4500,4570,4577,3.12%,10598.292737,
7948.719553,,,"IPOHKT
XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

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

File Name	File Name and Extension
FTSE Exchange Rates File for FTSE Renaissance Asia Pacific ex Japan IPO Index	iaxrddmm.csv*
FTSE Exchange Rates File for FTSE Renaissance Hong Kong/China Top IPO Index	i1xrddmm.csv*

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

FILE CONTENT

- iaxrddmm.csv

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 11

(*where *ddmmyyyy* is effective date, month and year)

FILE EXAMPLE

23/02/2009 (C) FTSE International Limited 2009. All Rights Reserved
FTSE Exchange Rate Service

```
Date,ISO Currency Code,USD Exchange Rate
23/02/2009,CNY,6.83780000000
23/02/2009,HKD,7.75490000000
23/02/2009,IDR,11890.00000000000
23/02/2009,INR,49.96000000000
23/02/2009,KRW,1459.00000000000
23/02/2009,MYR,3.65500000000
23/02/2009,PHP,47.63000000000
23/02/2009,SGD,1.52970000000
23/02/2009,THB,35.32000000000
23/02/2009,TWD,34.64000000000
23/02/2009,USD,1.00000000000
XXXXXXXXXX
```

FILE CONTENT

- i1xrddmm.csv

Field	Description	Decimal Places
Date	<i>dd/mm/yyyy</i> 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

23/02/2009 (C) FTSE International Limited 2009. All Rights Reserved
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

23/02/2009,CNY,6.837800
23/02/2009,HKD,7.754900
23/02/2009,IDR,11890.000000
23/02/2009,INR,49.960000
23/02/2009,KRW,1459.000000
23/02/2009,MYR,3.655000
23/02/2009,PHP,47.630000
23/02/2009,SGD,1.529700
23/02/2009,THB,35.320000
23/02/2009,TWD,34.640000
23/02/2009,USD,1.000000
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - February 2010
- Version 1.1 - Update of specification for ixar file - April 2010

FTSE CONTACT DETAILS

For FTSE contact details please visit http://www.ftse.com/Contact_Us