

PRODUCT SPECIFICATION

FTSE Renaissance Asia Pacific IPO Index Series
Tracker 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 Tracker Service	ipat <i>ddmm</i> .csv	IPOAPX and country indices
FTSE Renaissance Hong Kong/China Top IPO Tradable Tracker Service	ip1t <i>ddmm</i> .csv	IPOHKT

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

FILE DDS PATH

ftp://data.ftse.com/data/ipo_ap/tradable_trackers
ftp://data.ftse.com/data/ipo_ap/benchmark_trackers

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

- ipatddmm.csv
- ip1tddmm.csv

Section 01 - Index level data

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	IPOAPX		String	N
Old Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for previous day's close market capitalisation calculation	196		Integer	N
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	196		Integer	N
Previous Market Capitalisation	Previous day's closing weighted market capitalisation in USD Currency in millions	342745.091834	6	Float	N
New Market Capitalisation	Previous day's closing weighted market capitalisation in USD Currency in millions, after weighting amendments effective today	342888.731834	6	Float	N
Previous Divisor	Previous day's index divisor in USD Currency, millions	3277.978749	6	Float	N
New Divisor	Today's index divisor in USD Currency, millions	3279.352507	6	Float	N
XD Adjustment Value	Today's XD adjustment figure in USD Currency	0.023	3	Float	N

Section 02 - Stock level data - weighting amendments

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code	C104503		Cons-leading C	N
Constituent Name	Name of company	"China Railway"		String	N
SEDOL	SEDOL Security Identifier	B0536L6		SEDOL	N
CUSIP	CUSIP Security Identifier where available			String	N
Local Market Code	Local market code for constituents			String	Y
Country Code	Country code for Security	CHN		String	N
Exchange Code	Exchange code for Security	FHH		String	N
ISO Code	ISO Currency code for Security	HKD		String	N
Index Marker	Codes for indexes of which security is a constituent	IPOAPX IPOAPXCHN		String	N
Closing Subsector Code	Old ICB 4-digit Subsector code			Integer	N
New Subsector Code	New ICB 4-digit Subsector code			Integer	N
Closing Price	Previous day's closing price in currency specified	11.970000	6	Float	N
Price Adjustment Factor	Price adjustment factor		6	Float	N
Adjusted Price	Share price in currency indicated after weighting amendment		6	Float	N
Previous Shares in Issue	Number of shares in issue before corporate amendment	1576600000	0	Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment	1876600000	0	Integer	N
Previous Investability Weight	Percentage of market capitalisation in issue included in the Indices at close		6	Float	N
New Investability Weight	New percentage of market capitalisation included in the Indices close		6	Float	N
Amendment Code	Code for weighting and housekeeping amendments	IS		String	N
Amendment Notes	Details, where available, on weighting amendment code			String	N

Section 03 - Stock level data - Ex-dividend changes

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C104503		Cons-leading c	N
Constituent Name	Name of company	"China Railway"		String	N
SEDOL	Stock Exchange Daily Official List (SEDOL) code	B2PFVH7		SEDOL	N
CUSIP	Constituent CUSIP code			String	N
Local Market Code	Local Market Code (Ticker)			String	N
Country Code	Country code for security	CHN		String	N
Exchange Code	Exchange source	FHH		String	N
Subsector Code	ICB 4-digit Subsector classification code	2357		Integer	N
Shares in Issue	Number of shares in issue for today's calculation	1876600000	0	Integer	N
Investability Weight	Percentage of shares in issue included in the indexes	75.00%	2	Float	N
Ex-Dividend Date	Date the security is XD	23/02/2009		Date time	N
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	0.650000	6	Float	N
ISO Currency Code	Currency code for dividend payment	HKD		String	N
Index Marker	Codes for indexes of which company is a constituent	IPOAPX IPOAPXCHN		String	N
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.006	3	Float	N
FTSE Dividend Code	Dividend Code	Q		String	N
FTSE Dividend Notes	Details, where available, on dividend payments			String	N

FILE EXAMPLE

- ipatdmm.csv

23/02/2009 (C) FTSE International Limited 2009. All Rights Reserved
FTSE Renaissance Asia Pacific ex Japan IPO Tracker Service

TRACK01

Index Code,Old Number of Constituents,New Number of Constituents,Previous Market
Capitalisation,New Market Capitalisation,Previous Divisor,New Divisor,XD Adjustment Value
IPOAPX,0,142,0.000000,71563.381941,0.000000,537206198.028828,0.000
YYYYYYYYYY

TRACK02

Cons Code,Constituent Name,SEDOL,CUSIP,Local Market Code,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 Investability Weight,New
Investability Weight,Amendment Code,Amendment Notes
C104503,"China Railway",B0536L6,,,CHN,HKD,FHH,IPOAPX
IPOAPXCHN,A,A,11.970000,,,1576600000,1876600000,,,IS,Share Change
YYYYYYYYYY

TRACK03

Cons Code,Constituent Name,SEDOL,CUSIP,Local Market Code,Country Code,Exchange
Code,Subsector Code,Shares in Issue,Investability Weight,Ex-Dividend Date,Dividend Amount,ISO
Currency Code,Index Marker,XD Adjustment Value,FTSE Dividend Code,FTSE Dividend Notes
C104503,"China Railway",B2PFVH7,,,CHN,FHH, 2357,
1876600000,75.00%,23/02/2009,0.650000,HKD,IPOAPX IPOAPXCHN,0.006,Q,
YYYYYYYYYY
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,6.837800000000
23/02/2009,HKD,7.754900000000
23/02/2009,IDR,11890.000000000000
23/02/2009,INR,49.960000000000
23/02/2009,KRW,1459.000000000000
23/02/2009,MYR,3.655000000000
23/02/2009,PHP,47.630000000000
23/02/2009,SGD,1.529700000000
23/02/2009,THB,35.320000000000
23/02/2009,TWD,34.640000000000
23/02/2009,USD,1.000000000000
XXXXXXXXXX
```

FILE CONTENT

- i1xrddmm.csv

Field	Description	Decimal Places
Date	dd/mm/yyyy 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](http://www.ftse.com/Contact_Us)

APPENDIX A

• **FTSE Dividend Codes**

Code	Type of Dividend	FTSE Dividend Notes
F	Final Dividend	
I	Interim Dividend	
Q	Quarter Dividend	
D	Final FID Dividend	
R	Interim FID Dividend	
T	Quarter FID Dividend	
H	Final Ord/FID Dividend	amount of FID payment
J	Interim Ord/FID Dividend	amount of FID payment
K	Quarter Ord/FID Dividend	amount of FID payment
S	Special Dividend	
M	Miscellaneous dividend	
Y	Annually paid dividend	

• **FTSE Amendment Codes**

Housekeeping Changes

CODE	FTSE Amendment Note	Notes for service user
CA	Constituent Addition	Includes quarterly review changes and classification changes
CD	Constituent Deletion	Includes quarterly review changes and classification changes
NC	Name Change	Former name will appear in notes field
SC	SEDOL Change	Former SEDOL code will appear in notes field
CS	CUSIP Change	Former CUSIP code will appear in notes field
CU	Currency Change	Former currency will appear in notes field
SS	Subsector Change	Subsector Classification Code Change
IC	Investability weight change	Terms included in notes field, as available
SW	Share Weight Change	Other non-Investability weight changes, product specific
MC	EPIC Change	Former EPIC code will appear in notes field

Corporate Actions

CODE	FTSE Amendment Note	Notes for service user
CP	Capital Repayment	Terms included in notes field, as available
CI	Capitalisation Issue	Terms included in notes field, as available
RI	Rights Issue	Terms included in notes field, as available
SB	Subdivision	Terms included in notes field, as available
CX	Complex	
CN	Consolidation	Terms included in notes field, as available
IS	Share Change	Includes: Employee shares Exercise of Options Exercise of Warrants Further Issue Issue for Cash Offer for subscription Satisfaction of loan Merger Placing Scheme of Arrangement Vendor Consideration Buy-back Cap in lieu of dividend Company Reorganisation Conversion of shares Exchange Offer