

# PRODUCT SPECIFICATION

FTSE RAFI Index Series  
FTSE Five-Day Tracker Service



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## INDEX SPECIFICATION

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### INDEX DESCRIPTION

- The FTSE RAFI Index Series, calculated in association with Research Affiliates is a family of indices using specific fundamental factors that weights index constituents, rather than market capitalization. The weights are therefore not dependant upon price-based stock market based valuations. The FTSE RAFI Index Series consists of two headline and 22 developed country market indices.

### INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Names	<b>FTSE RAFI Top Level Indices</b> FTSE RAFI Developed ex US 1000 Index* <b>FTSE RAFI Country Indices</b> FTSE RAFI Australia Index FTSE RAFI Belgium / Luxembourg Index FTSE RAFI Canada Index FTSE RAFI Denmark Index FTSE RAFI Finland Index FTSE RAFI France Index FTSE RAFI Germany Index FTSE RAFI Greece Index FTSE RAFI Hong Kong, China Index FTSE RAFI Ireland Index FTSE RAFI Italy Index FTSE RAFI Japan Index FTSE RAFI Netherlands Index FTSE RAFI Norway Index FTSE RAFI New Zealand Index FTSE RAFI Austria Index FTSE RAFI Portugal Index FTSE RAFI Singapore Index FTSE RAFI Spain Index FTSE RAFI Sweden Index FTSE RAFI Switzerland Index FTSE RAFI UK Index
Base Index Date	30 September 2005
Base Index Value	5000
Base Index Currency	Top Level Indices - USD Country Indices – Local Currency
Base Currency Date	30 September 2005

\*FTSE RAFI Global ex US 1000 Index will appear as the index name within the file until a name change in October 2006.

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### FILE RANGE

Index Name	Index Code (Marker)
FTSE RAFI Developed ex US 1000 Index*	FRX1
FTSE RAFI Australia Index	FRAUS
FTSE RAFI Austria Index	FRAUT
FTSE RAFI Belgium / Luxembourg Index	FRBEL
FTSE RAFI Canada Index	FRCAN
FTSE RAFI Denmark Index	FRDEN
FTSE RAFI Finland Index	FRFIN
FTSE RAFI France Index	FRFRA
FTSE RAFI Germany Index	FRDEU
FTSE RAFI Greece Index	FRGRC
FTSE RAFI Hong Kong, China Index	FRHKG
FTSE RAFI Ireland Index	FRIRL
FTSE RAFI Italy Index	FRITA
FTSE RAFI Japan Index	FRJPN
FTSE RAFI Netherlands Index	FRNLD
FTSE RAFI Norway Index	FRNOR
FTSE RAFI New Zealand Index	FRNZL
FTSE RAFI Portugal Index	FRPTL
FTSE RAFI Singapore Index	FRSGP
FTSE RAFI Spain Index	FRESP
FTSE RAFI Sweden Index	FRSWE
FTSE RAFI Switzerland Index	FRCHE
FTSE RAFI UK Index	FRGBR

\*FTSE RAFI Global ex US 1000 Index will appear as the index name within the file until a name change in October 2006.

### FILE NAME

File Name	File Name and Extension
FTSE RAFI Developed ex US 1000 Five Day Tracker Service (*Where <i>ddmm</i> is effective date and month)	<i>raxfddmm.csv</i>

### FILE DDS PATH

[http://data.ftse.com/rafi/rafi\\_five\\_day\\_tracker](http://data.ftse.com/rafi/rafi_five_day_tracker)

### SERVICE TIMING

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

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### FILE CONTENT

- FTSE RAFI Developed ex US 1000 Five Day Tracker Service (*raxfddmm.csv*)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Value Date	Value date of the file	02/06/2006		Timedate	N
Effective Date	Date in which change data displayed will be effective	07/06/2006		Timedate	N
Cons Code	Constituent identifier code	C40520		Cons-leading C	N
Constituent Name	Name of company	Patrick		String	N
SEDOL	SEDOL Security Identifier	6505048		SEDOL	N
CUSIP	CUSIP Security Identifier where available			String	N
Country Code	Country code for Security	AU		String	N
Exchange Code	Exchange code for Security	AAS		String	N
ISO Code	ISO Currency code for Security	AUD		String	N
Index Marker	Codes for indexes of which security is a constituent	FRAUS FRX1		String	N
Closing Subsector Code	FTSE RAFI Subsector identifier (4 digit code)	2777		Integer	N
New Subsector Code	New FTSE RAFI Subsector identifier (4 digit code)			Integer	N
Price	Previous day's closing price in currency specified	8.900000	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	695239500	0	Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment		0	Integer	N
Previous Investibility Weight	Percentage of market capitalisation in issue included in the Indices at close	100.000000	6	Float	N
New Investability Weight	New percentage of market capitalisation included in the Indices close		6	Float	N
Previous RAFI Factor	Previous RAFI Factor applied to the market capitalisation in issue included in the Indices at close	0.484316	6	Float	N
New RAFI Factor	New RAFI Factor applied to the market capitalisation in issue included in the Indices at close		6	Float	N
Amendment Code	Code for weighting and housekeeping amendments	CD		String	N
Notes	Details, where available, on weighting amendment code	Constituent deletion		String	N

## FILE EXAMPLE

- **raxfddmm.csv**

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FTSE RAFI Developed ex US 1000 Five Day Tracker Service

Value Date,Effective Date,Cons Code,Constituent Name,SEDOL,CUSIP,Country Code,Exchange Code,ISO Code,Index Marker,Closing Subsector Code,New Subsector Code,Price,Price Adjustment Factor,Adjusted Price,Previous Shares In Issue,New Shares In Issue,Previous Investibility Weight,New Investibility Weight,Previous RAFI Factor,New RAFI Factor,Amendment Code,Notes  
02/06/2006,07/06/2006,C40520,"Patrick",6505048,,AU,AAS,AUD,FRAUS  
FRX1,2777,,8.900000,,,695239500,,100.000000,,0.484316,,CD,Constituent deletion  
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	File Name and Extension
FTSE Exchange Rates File	WIXR.ddmm.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

10/06/2004(C) FTSE International Limited 2004. All Rights Reserved  
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

06/10/2004,ARS,2.960000  
06/10/2004,ATS,11.379200  
06/10/2004,AUD,1.433200  
06/10/2004,BEF,33.359500  
06/10/2004,BRL,3.110500  
06/10/2004,CAD,1.358600  
06/10/2004,CHF,1.247200  
06/10/2004,CLP,650.550000  
06/10/2004,CNY,8.276700  
06/10/2004,COP,2732.475000  
06/10/2004,CZK,25.916900  
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## VERSION HISTORY

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### Product Specification Document Version History

- Version 1.0 - Initial Product Specification - July 2006

## FTSE CONTACT DETAILS

Europe	
<p><b>London</b> FTSE 12th Floor 10 Upper Bank Street Canary Wharf London E14 5NP Tel: +44 (0)20 7866 1810 Fax: +44 (0)20 7866 8958</p>	<p><b>Frankfurt</b> FTSE Nibelungenplatz 3 60318 Frankfurt Germany Tel: +49 69 156 85144 Fax: +49 69 555 743</p>
<p><b>Paris</b> FTSE 40 rue la Boetie Paris 75008 France Tel: +33 (0)1 53 76 82 88 Fax: +33 (0)1 53 76 82 71</p>	<p><b>Madrid</b> FTSE Paseo de la Castellana, 66 28046 Madrid Spain Tel: +34 91 411 37 87 Fax: +34 679 47 65 60</p>
<p><b>Client Services and General Enquiries</b> Tel: +44 (0)20 7866 1810 E-mail: <a href="mailto:info@ftse.com">info@ftse.com</a></p>	
Asia Pacific	
<p><b>Hong Kong</b> FTSE Suite 2903-2909 29th Floor Two International Finance Centre No.8 Finance Street Central, Hong Kong Tel: +852 2230 5800 Fax: +852 2230 5804</p>	<p><b>Tokyo</b> FTSE Yamato Seimei Building 21F 1-1-7 Uchisaiwaicho Chiyoda-Ku Tokyo Tel: +81 3 3581 2811 Fax: +81 3 3581 1423</p>
<p><b>Client Services and General Enquiries</b> Tel: +852 2230 5800 E-mail: <a href="mailto:info@ftse.com">info@ftse.com</a></p>	
Americas	
<p><b>New York</b> FTSE Americas Inc. 1330 Avenue of The Americas 10th Floor New York 10019 USA Tel: +(1) 212 641 6160 Fax: +(1) 212 641 6190</p>	<p><b>San Francisco</b> FTSE Americas Inc. Suite 200 251 Post Street San Francisco, Calif. 94108 USA Tel: +(1) 415 445 5660 Fax: +(1) 415 445 5666</p>

## APPENDIX A

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- *FTSE Dividend Codes*

<b>Code</b>	<b>Type of Dividend</b>	<b>FTSE Dividend Notes</b>
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**

**Note that housekeeping changes will appear above corporate actions in the file.**

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	
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

\*indicates Corporate Action types which will not appear until one-day prior to implementation.