

PRODUCT SPECIFICATION

FTSE RAFI Index Series
FTSE RAFI US 1000 Five Day Tracker Service



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INDEX SPECIFICATION

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	FTSE RAFI US 1000 Index
Base Index Date	30 September 2005
Base Index Value	5000
Base Index Currency	USD
Base Currency Date	30 September 2005

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE RAFI US 1000 Index	FR10

FILE NAME

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

FILE DDS PATH

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.

PRODUCT SPECIFICATION

FILE CONTENT

- FTSE RAFI US 1000 Five Day Tracker Service (*raufddmm.csv*)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Value Date	Value date of the file	17/01/2006		Timedate	N
Effective Date	Date in which change data displayed will be effective	19/01/2006		Timedate	N
Cons Code	Constituent identifier code	C10039		Cons-leading C	N
Constituent Name	Name of company	GUS		String	N
SEDOL	SEDOL Security Identifier	B0NH007		SEDOL	N
CUSIP	CUSIP Security Identifier where available			String	N
Local Market Code	Local Market Code (Ticker) – effective September 2006	GUS		String	N
Country Code	Country code for Security	UK		String	N
Exchange Code	Exchange code for Security	EXL		String	N
ISO Code	ISO Currency code for Security	GBX		String	N
Index Marker	Codes for indexes of which security is a constituent	FRX1G		String	N
Closing Subsector Code	FTSE RAFI Subsector identifier (4 digit code)			Integer	N
New Subsector Code	New FTSE RAFI Subsector identifier (4 digit code)			Integer	N
Price	Previous day's closing price in currency specified	969	6	Float	N
Price Adjustment Factor	Price adjustment factor	1.006873	6	Float	N
Adjusted Price	Share price in currency indicated after weighting amendment	975.66	6	Float	N
Previous Shares In Issue	Number of shares in issue before corporate amendment	1018203168	0	Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment	875654724	0	Integer	N
Previous Investability 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	75.000000	6	Float	N
Old RAFI Factor	Previous RAFI Factor applied to the market capitalisation in issue included in the Indices at close		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	CX		String	N
Notes	Details, where available, on weighting amendment code	Complex Event		String	N

FILE EXAMPLE

- **raufddmm.csv**

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FTSE RAFI 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,Old RAFI Factor,New RAFI Factor,Amendment Code,Notes

02/02/2006,07/02/2006,C00713,Ebara,6302700,,JA,FJT,JPY,FRX1G,,,683.000000,,,343640774,422724750
,,,,,IS,

02/02/2006,08/02/2006,C34485,Old

Mutual,0738992,,UK,EXL,GBX,FRX1G,,,190.750000,,,4070097349,5109827037,,,,,IS,

02/02/2006,07/02/2006,C30072,Mitsubishi

Motors,6598446,,JA,FJT,JPY,FRX1G,,,254.000000,,,4415459267,5403369582,,,,,IS,

02/02/2006,02/02/2006,C02753,CA Inc,2214832,12673P105,USA,NAY,USD,FR10G,,,,,,,,,,,,CS,204912109

02/02/2006,02/02/2006,C02753,CA Inc,2214832,12673P105,USA,NAY,USD,FR10G,,,,,,,,,,,,NC,Computer Associates

02/02/2006,08/02/2006,C01455,Skandia

Forsakring,5461572,,SWED,SSS,SEK,FRX1G,,,,,,,,,100.000000,30.000000,,,IC,Weighting change

02/02/2006,02/02/2006,C88420,Dex

Media,B01Z6X8,25212E100,USA,NAY,USD,FR10G,5557,,27.720000,,,150281700,,75.000000,,,,,CD,Constituent deletion

02/02/2006,02/02/2006,C02044,RH Donnelly

Co,2288752,74955W307,USA,NAY,USD,FR10G,,5557,,65.700000,,67959251,,75.000000,,,CA,Constituent addition

XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

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
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - July 2006
- Version 2.0 - Add Local Market Code - 15 February 2007

FTSE CONTACT DETAILS

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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**

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.