PRODUCT SPECIFICATION

FTSE RAFI Index Series
FTSE RAFI US 1000 Industry FTSE 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.

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 - Oil & Gas FTSE RAFI US 1000 Index - Basic Materials FTSE RAFI US 1000 Index - Industrials FTSE RAFI US 1000 Index - Consumer Goods FTSE RAFI US 1000 Index - Health Care FTSE RAFI US 1000 Index - Consumer Services FTSE RAFI US 1000 Index - Telecommunications & Technology FTSE RAFI US 1000 Index - Utilities FTSE RAFI US 1000 Index - Financials
Base Index Date	30 December 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 - Oil & Gas	FR100001
FTSE RAFI US 1000 Index - Basic Materials	FR101000
FTSE RAFI US 1000 Index - Industrials	FR102000
FTSE RAFI US 1000 Index - Consumer Goods	FR103000
FTSE RAFI US 1000 Index - Health Care	FR104000
FTSE RAFI US 1000 Index - Consumer Services	FR105000
FTSE RAFI US 1000 Index - Telecommunications & Technology	FR106000
FTSE RAFI US 1000 Index - Utilities	FR107000
FTSE RAFI US 1000 Index - Financials	FR108000

FILE NAME

File Name	File Name and Extension
FTSE RAFI US 1000 Industry Tracker Service	rait*ddmm*.csv

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

FILE DDS PATH

http://data.ftse.com/rafi/rafi_1000_industry_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 Industry Tracker Service *(*rait*ddmm*.csv*)*

FTSERAFI01

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	FR106000		String	Y
Old Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for previous day's close market capitalisation calculation	108	0	Integer	Y
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	108	0	Integer	Y
Previous Market Capitalisation	Previous day's closing weighted market capitalisation in USD Currency in millions	1418664.218302	6	Float	Y
New Market Capitalisation	Previous day's closing weighted market capitalisation in USD Currency in millions, after weighting amendments effective today	1418664.218302	6	Float	Y
Previous Divisor	Previous day's index divisor in USD Currency, millions	263.211362	6	Float	Y
New Divisor	Today's index divisor in USD Currency, millions	263.211362	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in USD Currency	0.000	3	Float	Y

FTSERAFI02

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code	C02964		String	N
Constituent Name	Name of company	Chiron		String	N
SEDOL	SEDOL Security Identifier	2194826		string	N
CUSIP	CUSIP Security Identifier where available	170040109		String	N
Country Code	Country code for Security	USA		String	N
Exchange Code	Exchange code for Security	NAO		String	N
ISO Code	ISO Currency code for Security	USD		String	N
Index Marker	Codes for indexes of which security is a constituent	FR10G4000		String	N
Closing Subsector Code	Subsector identifier (4 digit code)	4573		String	N
New Subsector Code	New Subsector identifier (4 digit code)			String	N
Closing Price	Previous day's closing price in currency specified	47.980000	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	186848100	0	Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment		0	Integer	N
Previous Investability Weight	Percentage of market capitalisation in issue included in the Indices at close	75.00000	6	Float	N
New Investability Weight	New percentage of market capitalisation included in the Indexes close		6	Float	N
Previous 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	CD		String	N
Amendment Notes	Details, where available, on weighting amendment code	Constituent deletion		String	N

FTSERAFI03

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identification code	C02190		String	N
Constituent Name	Name of company	CVS Corp		String	N
SEDOL	Stock Exchange Daily Official List (SEDOL code)	2577609		String	N
CUSIP	CUSIP Security Identifier where available	126650100		String	
Country Code	Country code for constituents	USA		String	N
Exchange Code	Exchange source code	NAY		String	N
Sub Sector Code	Subsector identifier (4 digit code)	5333		string	
Shares in Issue	Shares in Issue in Index	810056000	0	Integer	N
Investability Weight	% of shares in issue included in index calculation (determined either by free float rule or share capping)	1.00	2	Percentage	N
Ex-Dividend Date	Date the security is XD	20/04/2006		Datetime	N
Dividend Amount	Dividend amount in currency indicated	0.038750	6	Float	N
ISO Currency Code	Currency code for dividend payment	USD		String	N
Index Marker	FTSE codes for the	FR105000		String	N
XD Adjustment Value	Value for adjustment factor	0.098	3	Float	N
FTSE Dividend Code	FTSE code for the types of dividend payment	Q		String	N
FTSE Dividend Notes	Details, where available, on FTSE dividend payment			String	N

FILE EXAMPLE

- **rait*ddmm*.csv**

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FTSE RAFI US 1000 Industry Tracker Service

FTSERAFI01

Index Code,Old Number of Constituents,New Number of Constituents,Previous Market Capitalisation,New Market Capitalisation,Previous Divisor,New Divisor,XD Adjustment Value
FR106000,108,108,1418664.218302,1418664.218302,263.211362,263.211362,0.000
YYYYYYYYYY

FTSERAFI02

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 Investability Weight,New Investability Weight,Previous RAFI Factor,New RAFI Factor,Amendment Code,Amendment Notes
C02964,Chiron,2194826,170040109,USA,NAO,USD,FR10G4000,4573,,47.980000,,,186848100,,75.000000%,,,,CD,Constituent deletion
YYYYYYYYYY

FTSERAFI03

Cons Code,Constituent Name,SEDOL,CUSIP,Country Code,Exchange Code,Sub Sector 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

C02190,CVS
Corp,2577609,126650100,USA,NAY,5333,810056000,100.00%,20/04/2006,0.038750,USD,FR105000,0.09
8,Q,
YYYYYYYYYY
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 - March 2006

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