

# PRODUCT SPECIFICATION

FTSE RAFI Index Series  
FTSE RAFI Nordic 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 Nordic Index consists of companies in Denmark, Finland, Norway and Sweden.

### INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Names	FTSE RAFI Nordic Index
Base Index Date	30 December 2005
Base Index Value	5000
Base Index Currency	USD
Base Currency Date	30 September 2005

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### FILE RANGE

Index Name	Index Code (Marker)
FTSE RAFI Nordic Index	FRND

### FILE NAME

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

### FILE DDS PATH

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

### SERVICE TIMING

Available 20:00 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

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### FILE CONTENT

- FTSE RAFI Nordic Five Day Tracker Service (*rndfddmm.csv*)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Value Date	Value date of the file	18/09/2006		Date	N
Effective Date	Date in which change data displayed will be effective	18/09/2006		Date	N
Cons Code	Constituent identifier code	C00334		String	N
Constituent Name	Name of company	Novo-Nordisk B		String	N
SEDOL	SEDOL Security Identifier	7077524		String	N
CUSIP	CUSIP Security Identifier where available			String	N
Country Code	Country code for Security	DEN		String	N
Exchange Code	Exchange code for Security	SDC		String	N
ISO Code	ISO Currency code for Security	DKK		String	N
Index Marker	Codes for indexes of which security is a constituent	FRND		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	434.500000	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	300950560	0	Integer	N
New Shares In Issue	Number of shares in issue after corporate amendment	278693938	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
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	IS		String	N
Notes	Details, where available, on weighting amendment code			String	N

## FILE EXAMPLE

- ***rndfdmm.csv***

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FTSE RAFI Nordic 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 Investability Weight,New Investability Weight,Previous RAFI Factor,New RAFI Factor,Amendment Code,Notes  
18/09/2006,18/09/2006,C00334,"Novo-Nordisk  
B",7077524,,DEN,SDC,DKK,FRND,,,434.500000,,,300950560,278693938,,,,,IS,  
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

25/10/2006(C) FTSE International Limited 2006. All Rights Reserved  
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

10/25/2006,ARS,3.091250  
10/25/2006,ATS,10.931700  
10/25/2006,AUD,1.315530  
10/25/2006,BEF,32.047600  
10/25/2006,BRL,2.153550  
10/25/2006,CAD,1.125050  
10/25/2006,CHF,1.265550  
10/25/2006,CLP,524.050000  
10/25/2006,CNY,7.902000  
10/25/2006,COP,2340.750000  
10/25/2006,CZK,22.541400  
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## VERSION HISTORY

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### Product Specification Document Version History

- Version 1.0 - Initial Product Specification - October 2006

## FTSE CONTACT DETAILS

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## 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.