

PRODUCT SPECIFICATION

FTSE RAFI Index Series
FTSE RAFI Nordic Open Constituents Service



CONTENTS

Page 3	Index Specification
	- INDEX DESCRIPTION
	- INDEX ATTRIBUTES

Page 4-6	Product Specification
	- FILE RANGE
	- FILE NAME
	- FILE DDS PATH
	- SERVICE TIMING
	- FILE CONTENT
	- FILE EXAMPLE

Page 7	Exchange Rates File Specification
	- FILE NAME
	- FILE CONTENT
	- FILE EXAMPLE

Page 7	Version History
	- PRODUCT SPECIFICATION DOCUMENT VERSION HISTORY

Page 8	FTSE Contact Details
	- LOCAL FTSE OFFICES
	- GLOBAL SYSTEMS SUPPORT

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 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

PRODUCT SPECIFICATION

FILE RANGE

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

FILE NAME

File Name	File Name and Extension
FTSE RAFI Nordic Open Constituent Service (*Where <i>ddmm</i> is effective date and month)	<i>rndoddmm.csv</i>

FILE DDS PATH

http://data.ftse.com/rafi/rafi_nordic_open_constituents

SERVICE TIMING

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

PRODUCT SPECIFICATION

FILE CONTENT

- FTSE RAFI Nordic Index Open Constituent Service (*rndoddmm.csv*)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons code	Constituent identification code	C00321		String	Y
SEDOL	Constituent SEDOL code	4253048		String	Y
CUSIP	CUSIP code			String	N
Constituent name	Name of index constituent	A P Moller - Maersk B		String	Y
Country code	Country code for constituent	DEN		String	Y
ISO code	ISO currency code for constituent	DKK		String	Y
Exchange code	Exchange code for Security	SDC		String	Y
Price	Closing price in local currency	53900.000000	6	Float	Y
Shares in issue	Number of shares in index	2198268	0	Integer	Y
Weighting	Percentage of market capitalisation included in the indices	50.000000%	6	Percentage	Y
Industry	FTSE ICB Industry identifier (4 digit code)	2000		Integer	Y
Supersector	FTSE ICB Supersector identifier (4 digit code)	2700		Float	Y
Sector	FTSE ICB Sector identifier (4 digit code)	2770		Float	Y
Subsector	FTSE ICB Subsector identifier (4 digit code)	2773		Float	Y
Dividend Yield	Dividend Yield (%)	1.02	2	Float	Y
Mkt Cap (USD) before investibility weight	Market Capitalisation in USD millions at index close before applying investibility weight restraint factor	20138.289191	6	Float	Y
Mkt Cap (USD) after investibility weight	Market Capitalisation in USD millions at index close after applying investibility weight restraint factor	10069.144596	6	Float	Y
RAFI factor	RAFI fundamental weight factor	1.464352	6	Float	Y
Mkt Cap (USD) after RAFI factor	Market Capitalisation in USD millions at index close after applying RAFI fundamental weight factor	14744.772420	6	Float	Y
% wght RAFI Nordic	Intentionally Left Blank		6	Percentage	N
FTSE RAFI Index Marker	FTSE RAFI indexes of which company is a constituent	FRND		String	Y
Large/Medium/Small classification	Large Cap, Medium Cap or Small Cap Identifier	L		String	Y

FILE EXAMPLE

- **rndodmm.csv**

27/10/2006 (C) FTSE International Limited 2006. All Rights Reserved
FTSE RAFI Nordic Open Constituent Service

Cons code,SEDOL,CUSIP,Constituent name,Country code,ISO code,Exchange code,Price,Shares in
issue,Weighting,Industry,Supersector,Sector,Subsector,Dividend Yield,Mkt Cap (USD) before investability
weight,Mkt Cap (USD) after investability weight,RAFI factor,Mkt Cap (USD) after RAFI factor,% wght
RAFI Nordic,FTSE RAFI Index Marker,Large/Medium/Small classification
C00321,4253048,, "A P Moller - Maersk
B",DEN,DKK,SDC,53900.000000,2198268,50.000000%,2000,2700,2770,2773,1.02,20138.289191,10069.1
44596,1.464352,14744.772420,,FRND,L
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

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
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - October 2006

FTSE CONTACT DETAILS

Europe	
<p>London 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>Frankfurt FTSE Nibelungenplatz 3 60318 Frankfurt Germany Tel: +49 69 156 85144 Fax: +49 69 555 743</p>
<p>Paris 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>Madrid FTSE Paseo de la Castellana, 66 28046 Madrid Spain Tel: +34 91 411 37 87 Fax: +34 679 47 65 60</p>
<p>Client Services and General Enquiries Tel: +44 (0)20 7866 1810 E-mail: info@ftse.com</p>	
Asia Pacific	
<p>Hong Kong 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>Tokyo FTSE Yamato Seimei Building 21F 1-1-7 Uchisaiwaicho Chiyoda-Ku Tokyo Tel: +81 3 3581 2811 Fax: +81 3 3581 1423</p>
<p>Client Services and General Enquiries Tel: +852 2230 5800 E-mail: info@ftse.com</p>	
Americas	
<p>New York 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>San Francisco FTSE Americas Inc. Suite 200 251 Post Street San Francisco, Calif. 94108 USA Tel: +(1) 415 445 5660 Fax: +(1) 415 445 5666</p>