

PRODUCT SPECIFICATION

FTSE/JSE RAFI Index Series

FTSE/JSE RAFI 40 Index
FTSE/JSE All-Share Index

Tracker Service

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INDEX SPECIFICATION

INDEX DESCRIPTION

- The FTSE/JSE RAFI All-Share 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.
 - FTSE/JSE RAFI 40 Index

Index Specification	Attribute
Index Name	FTSE/JSE RAFI 40 Index
Base Date	16 March 2007
Start Date	16 March 2007
Base Index Currency	Rand
Base Value	5000

- FTSE/JSE RAFI All-Share Index

Index Specification	Attribute
Index Name	FTSE/JSE RAFI All-Share Index
Base Date	16 March 2007
Start Date	16 March 2007
Base Index Currency	Rand
Base Value	5000

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE/JSE RAFI 40 Index	J260
FTSE/JSE RAFI All-Share Index	J263

FILE NAME

File Name	File Name and Extension
FTSE/JSE RAFI 40 Index Tracker Service	<i>fjrtddmm.csv*</i>
FTSE/JSE RAFI All-Share Tracker Service	<i>fjatddmm.csv</i>

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

FILE DDS PATH

ftp://data.ftse.com/data/jse_raft/tracker

SERVICE TIMING

All files are available by 16:30 GMT.

PRODUCT SPECIFICATION

FILE CONTENT

- *fjrtdmm.csv*
- *fjatdmm.csv*

FRJTCK01- Index level data

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
FTSE Index Marker	FTSE code for the FTSE/JSE RAFI 40 Index or FTSE/JSE All-Share Index	J260/J263		String	Y
Previous Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for previous day's close market capitalisation calculation	42	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	42	0	Integer	Y
Previous Market Capitalisation	Market capitalisation in Rand millions, at previous day's close	640643.702485	6	Float	Y
New Market Capitalisation	Market capitalisation in Rand millions, adjusted previous days close	639434.238524	6	Float	Y
Previous Divisor	Previous day's index divisor in Rand millions	121.623600	6	Float	Y
New Divisor	Today's index divisor in Rand millions	121.393988	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure	5.039	3	Float-zero if null	Y

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FRJTCK02 - Stock level data - weighting amendments

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identification code	C20350		String	N
Security	Name of company	"Mittal Steel South Africa"		String	N
TIDM	Stock Exchange mnemonic code (EPIC)	"108W"		String	N
ISIN	ISIN number	ZAE000064044		String	N
Country Code	Country code for constituents	SAF		String	N
Exchange Code	Exchange source code	KSJ		String	N
ISO Code	ISO Currency Code for constituent	ZAR		String	N
FTSE Index Code	FTSE codes for the FTSE/JSE RAFI 40 Index	J260		String	N
Closing Subsector	Old ICB 4-digit Subsector code			Integer	N
New Subsector	New ICB 4-digit Subsector code			Integer	N
Closing Price	Last automatically executed trade prior to the market close - in Rand	129.100000	6	Float	N
Price Adjustment Factor	Price adjustment factor	0.920914	6	Float	N
Adjusted Price	Share price in currency indicated, after weighting amendment	118.890000	6	Float	N
Closing Shares in Issue	Shares in index at index close		0	Integer	N
New Shares in Issue	New Shares in index figure		0	Integer	N
Closing Investibility Weight	% of shares in issue included in index calculation		6	Percentage	N
New Investibility Weight	% of shares in issue included in index calculation		6	Percentage	N
Previous RAFI Factor	Previous RAFI Factor applied to the market capitalisation in issue included in the Indices at close		6	Float	
New RAFI Factor	New RAFI Factor applied to the market capitalisation in issue included in the Indices at close		6	Float	
Secondary Line	Indicates that a secondary line related to this company is included in calculation			String	N
FTSE Amendment Code	FTSE code for weighting and housekeeping amendments	CP		String	N
FTSE Amendment Notes	Details, where available, on FTSE amendment code	Cap Repayment of ZAR 10.21		String	N

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FRJTCK03 - Stock level data - Ex-dividend changes

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identification code	C20350		Cons-Leading C	N
Security	Name of company	"Mittal Steel South Africa"		String	N
TIDM	Stock Exchange mnemonic code (EPIC)	"108W"		String	N
ISIN	ISIN number	ZAE000064044		String	N
Country Code	Country code for constituents	SAF		String	N
Exchange Code	Exchange source code	KSJ		String	N
Current Closing Shares in Issue	Shares in index at index close	445752132	0	Integer	N
Current Investibility Weighting	% of shares in index included in index calculation	50.00%	2	Percentage	N
Secondary Line	Indicates that a secondary line related to this company is included in calculation	N		String	N
Ex-Dividend Date	Date the security is XD	27/08/2007		Date time	N
Dividend Amount	Dividend amount in currency indicated	2.330000	6	Float	N
ISO Currency	Currency code for dividend payment	ZAR		String	N
FTSE Index Codes	FTSE codes for the FTSE/JSE RAFI 40 Index	J260		String	N
XD Adjustment Values	Value for adjustment factor	4.278	3	Float	N
FTSE Dividend Code	FTSE code for the types of dividend payment	I		String	N
FTSE Dividend Notes	Details, where available, on FTSE dividend payment			String	N

FILE EXAMPLE

- **fjrtddmm.csv**

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FRJTCK01- Index level data

FTSE Index Marker,Previous Number of Constituents,New Number of Constituents,Previous Market
Capitalisation,New Market Capitalisation,Previous Divisor,New Divisor,XD Adjustment Value
J260,42,42,640643.702485,639434.238524,121.623600,121.393988,5.039
YYYYYYYY

FJRTCK02- Stock level data - weighting amendments

Cons Code,Security,TIDM,ISIN,Country Code,Exchange Code,ISO Code,FTSE Index Code,Closing Subsector,New
Subsector,Closing Price,Price Adjustment Factor,Adjusted Price,Closing Shares in Issue,New Shares in
Issue,Closing Investibility Weight,New Investibility Weight,Previous RAFI Factor,New RAFI Factor,Secondary
Line,FTSE Amendment Code,FTSE Amendment Notes
C20350,"Mittal Steel South
Africa","108W",ZAE000064044,SAF,KSJ,ZAR,J260,,,129.100000,0.920914,118.890000,,,,,,,,CP,Cap Repayment of
ZAR 10.21
YYYYYYYY

FJRTCK03- Stock level data - Ex-dividend changes

Cons Code,Security,TIDM,ISIN,Country Code,Exchange Code,Current Closing Shares in Issue,Current Investibility
Weighting,Secondary Line,Ex-Dividend Date,Dividend Amount,ISO Currency,FTSE Index Codes,XD Adjustment
Values,FTSE Dividend Code,FTSE Dividend Notes
C28035,"Mondi
Ltd","15VQ",ZAE000097051,SAF,KSJ,151741310,100.00%,N,27/08/2007,0.717364,ZAR,J260,0.897,I,
C34420,"Absa
Group","101N",ZAE000067237,SAF,KSJ,666855074,50.00%,N,27/08/2007,2.400000,ZAR,J260,6.592,I,
C20350,"Mittal Steel South
Africa","108W",ZAE000064044,SAF,KSJ,445752132,50.00%,N,27/08/2007,2.330000,ZAR,J260,4.278,I,
YYYYYYYY
XXXXXXXXXX

FILE EXAMPLE

- *fjatddmm.csv*

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FRJTCK01- Index level data

FTSE Index Marker,Previous Number of Constituents,New Number of Constituents,Previous Market
Capitalisation,New Market Capitalisation,Previous Divisor,New Divisor,XD Adjustment Value
J263,165,166,80124.733316,85971.963448,14.140108,15.172005,2.014
YYYYYYYY

FJRTCK02- Stock level data - weighting amendments

Cons Code,Security,TIDM,ISIN,Country Code,Exchange Code,ISO Code,FTSE Index Code,Closing Subsector,New
Subsector,Closing Price,Price Adjustment Factor,Adjusted Price,Closing Shares in Issue,New Shares in
Issue,Closing Investibility Weight,New Investibility Weight,Previous RAFI Factor,New RAFI Factor,Secondary
Line,FTSE Amendment Code,FTSE Amendment Notes
C39213,"ElementOne","105M",ZAE000115887,SAF,KSJ,ZAR,J263,,,,,,,,,NC,Avusa
C72628,"Iliad Africa","10HS",ZAE000015038,SAF,KSJ,ZAR,J263,,,11.450000,0.954585,10.930000,,,,,,,,,CP,Capital
Repayment of ZAR 0.52
C39213,"ElementOne","105M",ZAE000115887,SAF,KSJ,ZAR,J263,,,45.540000,0.452350,20.600000,,,,,,,,,CP,Unbun
dling of Avusa
C104945,"Avusa","16NI",ZAE000115895,SAF,KSJ,ZAR,J263,,,5557,,,24.940000,,104189314,,100.000000%,0.023
856,N,CA,Constituent addition
C72584,"Mvelaphanda
Group","13CV",ZAE000060737,SAF,KSJ,ZAR,J263,,,8.800000,0.993182,8.740000,,,,,,,,,CP,Capital Repayment of
ZAR 0.06
YYYYYYYY

FJRTCK03- Stock level data - Ex-dividend changes

Cons Code,Security,TIDM,ISIN,Country Code,Exchange Code,Current Closing Shares in Issue,Current Investibility
Weighting,Secondary Line,Ex-Dividend Date,Dividend Amount,ISO Currency,FTSE Index Codes,XD Adjustment
Values,FTSE Dividend Code,FTSE Dividend Notes
C20341,"AVI","102J",ZAE000049433,SAF,KSJ,342638463,100.00%,N,31/03/2008,0.330000,ZAR,J263,7.997,I,
C72544,"Sasfin
Holdings","101K",ZAE000006565,SAF,KSJ,36694517,40.00%,N,31/03/2008,0.840000,ZAR,J263,0.872,I,
C10182,"Sun International
Ltd","1034",ZAE000097580,SAF,KSJ,105494769,100.00%,N,31/03/2008,2.220000,ZAR,J263,16.563,I,
C72400,"Metropolitan
Holdings","101S",ZAE000050456,SAF,KSJ,559574737,100.00%,N,31/03/2008,0.590000,ZAR,J263,23.349,F,
C72980,"Trencor
Ltd","106D",ZAE000007506,SAF,KSJ,187126642,75.00%,N,31/03/2008,0.580000,ZAR,J263,5.757,F,
YYYYYYYY

XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - August 2007
- Version 2.0 - Updated Product Specification to include the /JSE RAFI All-Share Index –March 2008

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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**

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	Other non-Investability weight changes, product specific
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