

**Form 603  
Corporations Act 2001  
Section 671B**

**Notice of Initial Substantial Holder**

To: **Spark Infrastructure Group**  
ACN/ARSN:

**1. Details of substantial holder (s)**

Name: FMR LLC and FIL Limited (FIL)  
ACN/ARSN (if applicable)

The holder became a substantial holder on

11 May 2012

**2. Details of voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of Securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Stapled Securities	67,761,343	67,761,343	5.11%

**3. Details of relevant interests**

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
FMR LLC & FIL	Parent companies of a fund management group with power to exercise control over disposal of the securities	67,761,343

**4. Details of present registered holders**

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Number of securities
FMR LLC & FIL	Various Custodians	FID FDS-GLB REAL ASS SCTY POOL	2,424,899
FMR LLC & FIL	Various Custodians	DALLAS POLICE & FIRE T50092	35,811
FMR LLC & FIL	Various Custodians	FID INTERNATIONAL EQTY INV TR	95,838
FMR LLC & FIL	Various Custodians	FID SELECT GLB EX-JP EQ T55415	39,511
FMR LLC & FIL	Various Custodians	UNIV OF MS RTRMNT PLAN T52971	146,079
FMR LLC & FIL	Various Custodians	LONDON LIFE INTL EQTY T55479	91,426
FMR LLC & FIL	Various Custodians	WOLSELEY - GLOBAL SMALL CAP	403,296
FMR LLC & FIL	Various Custodians	SEVEN RE FIDELITY PACIFIC	4,269,790

FMR LLC & FIL	Various Custodians	RIVERSOURCE SELECT INTL T52973	705,644
FMR LLC & FIL	Various Custodians	FID INTL DISCOVERY FUND	14,882,292
FMR LLC & FIL	Various Custodians	ESSEX COUNTY COUNCIL PENS FUND	83,820
FMR LLC & FIL	Various Custodians	DEUTSCHE ARZTE - ROW	56,402
FMR LLC & FIL	Various Custodians	FIDELITY FONDS HCA	556,894
FMR LLC & FIL	Various Custodians	FIJ IT GOPNAP	298,028
FMR LLC & FIL	Various Custodians	CATERPILLAR INC 401K SI T50578	52,886
FMR LLC & FIL	Various Custodians	PY SLCT GLBL EQUITY CP T51438	59,108
FMR LLC & FIL	Various Custodians	PRINCIPAL PARTNERS INTL T50423	149,720
FMR LLC & FIL	Various Custodians	CATERPILLAR INC T55207	286,720
FMR LLC & FIL	Various Custodians	OREGON INVMT CL SEL INT T55271	386,844
FMR LLC & FIL	Various Custodians	GM CAD DT SELECT INTL T55533	58,050
FMR LLC & FIL	Various Custodians	VERIZON SELCT INTL PORT T53082	26,037
FMR LLC & FIL	Various Custodians	FA EMERGING ASIA FUND-OPEN END	347,458
FMR LLC & FIL	Various Custodians	MIRAE ASSET TRIUMPH AP XJP PVT	321,179
FMR LLC & FIL	Various Custodians	UNIVEST PACIFIC EX JAPAN	1,268,904
FMR LLC & FIL	Various Custodians	BRITISH ENERGY GEN GRP - ROW	337,521
FMR LLC & FIL	Various Custodians	MERCER GBLINV CONC INTL T53648	510,201
FMR LLC & FIL	Various Custodians	PYRAMIS SELECT INTL EQ CM T319	2,059,612
FMR LLC & FIL	Various Custodians	CITY OF FRESNO RT SY-SI T50621	79,404
FMR LLC & FIL	Various Custodians	UAW RMBT SEL INTL T55189	230,000
FMR LLC & FIL	Various Custodians	CATERPLL R VEBA SEL EUR T55257	21,561
FMR LLC & FIL	Various Custodians	BP MASTER TR FOR EMP PP T55275	148,954
FMR LLC & FIL	Various Custodians	CHEVRON TEXACO UK PNS PL-ROW	69,914
FMR LLC & FIL	Various Custodians	NORTH YORKSHIRE COUNTY COUNCIL	137,845
FMR LLC & FIL	Various Custodians	STATE OF CT RET PLAN T50251	236,237
FMR LLC & FIL	Various Custodians	FID INTL DISCIPLINED EQUITY FD	70,658
FMR LLC & FIL	Various Custodians	PYR SEL GLBL SMALL CAP T53796	382,811
FMR LLC & FIL	Various Custodians	GM HOURLY-RATE SEL INTL T55193	310,000
FMR LLC & FIL	Various Custodians	VGH HANNOVER RW	61,309
FMR LLC & FIL	Various Custodians	SHELL OIL SELECT INTL T55322	165,171
FMR LLC & FIL	Various Custodians	PYR CANA SEL GLBL EQ TR T55281	168,246
FMR LLC & FIL	Various Custodians	FID AUSTRALIA SMALL CAP PLT FD	16,554
FMR LLC & FIL	Various Custodians	THE HEALTH FOUNDATION	39,430
FMR LLC & FIL	Various Custodians	STANLIB MM GLOBAL EQUITY SC	166,591
FMR LLC & FIL	Various Custodians	ROYAL BOROUGH OF KINGST PEN FD	53,896
FMR LLC & FIL	Various Custodians	INTERNATIONAL EQ NO6 PAC SUB	806,070
FMR LLC & FIL	Various Custodians	MINNESOTA SBI SEL INTL T55303	211,452
FMR LLC & FIL	Various Custodians	UNISUPER LIMITED	1,694,963
FMR LLC & FIL	Various Custodians	SAI SELCT INTL PYR SUB T53287	132,504
FMR LLC & FIL	Various Custodians	PYR SELECT INTL EQ LLC T51488	72,546
FMR LLC & FIL	Various Custodians	IBM CANADA SELECT INT'L T2286	124,794
FMR LLC & FIL	Various Custodians	FIMM LLC GLBL INFRSTRUCTRE PLT	3,504
FMR LLC & FIL	Various Custodians	FID GLOBAL EQUITY INCOME	10,337
FMR LLC & FIL	Various Custodians	FID GLBL BAL ASIAJP+AUS+NZ SB	115,557
FMR LLC & FIL	Various Custodians	WORLDWIDE NON-US EQUITY SUB	959,218
FMR LLC & FIL	Various Custodians	FID EMERGING ASIA FUND	1,383,201
FMR LLC & FIL	Various Custodians	FID INSTL FD-PACIFIC(EX JAP)FD	1,346,288

FMR LLC & FIL	Various Custodians	RAILWAYS PENS EQ-PACIFIC BASIN	3,498,278
FMR LLC & FIL	Various Custodians	NPFA SG	170,880
FMR LLC & FIL	Various Custodians	FID GLOBAL DISC EQUITY (INTL)	47,795
FMR LLC & FIL	Various Custodians	CALPERS SELCT INTL PORT T55434	479,730
FMR LLC & FIL	Various Custodians	WORLD BANK SELECT INTL T55274	94,449
FMR LLC & FIL	Various Custodians	FIDELITY GLOBAL REAL ASSETS FD	25,128
FMR LLC & FIL	Various Custodians	SAI SEL INTL MULTI-MGR T54447	25,000
FMR LLC & FIL	Various Custodians	TVA SEL INTL PLUS SEP T53650	121,638
FMR LLC & FIL	Various Custodians	PYRAMIS SEL INTL SM CAP(T1056)	1,811,502
FMR LLC & FIL	Various Custodians	FIJ GLOBAL SMALL CAP T55452	19,222
FMR LLC & FIL	Various Custodians	IG FI INTERNATIONAL EQ T55529	4,050
FMR LLC & FIL	Various Custodians	FIMM LLC GLOBAL EQ INCOME PLT	7,034
FMR LLC & FIL	Various Custodians	FA INT SOUTH EAST ASIA SUB	1,176,638
FMR LLC & FIL	Various Custodians	LONDON BOROUGH CAMDEN PENSN FD	50,028
FMR LLC & FIL	Various Custodians	BR SHELL PROVIDENT	9,671
FMR LLC & FIL	Various Custodians	GUIDEMARK WORLD EX US T53708	96,021
FMR LLC & FIL	Various Custodians	PYRAMIS SLCT INTL EQ TR T55106	317,272
FMR LLC & FIL	Various Custodians	OREGON INV COUNCIL CSF T55433	52,853
FMR LLC & FIL	Various Custodians	CALPERS SEL INTL PORT T55486	70,907
FMR LLC & FIL	Various Custodians	EQUITY INCOME GLOBAL EQ SUB	1,224,126
FMR LLC & FIL	Various Custodians	FF-INST PACIFIC EX JAPA POOL	101,148
FMR LLC & FIL	Various Custodians	NATIONAL BANK SLCT GLBL T55507	115,684
FMR LLC & FIL	Various Custodians	FIDELITY INTL FD - PEP PAC BSN	173,817
FMR LLC & FIL	Various Custodians	NPC TRUST - ACTIVE 1 - ROW	88,185
FMR LLC & FIL	Various Custodians	ACCIDENT REHAB & CMP-GLB EX-US	513,907
FMR LLC & FIL	Various Custodians	GPIF SG	343,634
FMR LLC & FIL	Various Custodians	BANK OF MONTREAL S INTL T55349	75,795
FMR LLC & FIL	Various Custodians	ILLINOIS SURS-SEL INTL T50448	160,448
FMR LLC & FIL	Various Custodians	FIDELITY GLOBAL SMALL CAP FUND	42,083
FMR LLC & FIL	Various Custodians	HQ SLCT INTL INV ACCT T55492	220,080
FMR LLC & FIL	Various Custodians	FIDELITY OVERSEAS FUND -CANADA	8,036
FMR LLC & FIL	Various Custodians	FA GLOBAL EQUITY INCOME	9,523
FMR LLC & FIL	Various Custodians	FA DIVERSIFIED INTERNATIONAL	1,390,264
FMR LLC & FIL	Various Custodians	FID DIVERSIFIED INTERNATIONAL	15,030,146
FMR LLC & FIL	Various Custodians	FID FDS-ASIAN SMALLER COS PL	11,151
FMR LLC & FIL	Various Custodians	LONDON BOROUGH OF CROYDON PENS	35,283
FMR LLC & FIL	Various Custodians	FID FDS-INST ASIA PAC(EX-JP)PL	107,105
FMR LLC & FIL	Various Custodians	FID AUS SELECT GL SMALL CAP FD	544,218
FMR LLC & FIL	Various Custodians	SGE MM ROW	268,510
FMR LLC & FIL	Various Custodians	FIL AUSTRALIA POC PILOT	29,883
FMR LLC & FIL	Various Custodians	BR SHELL RETIREMENT	17,236
	<b>TOTAL</b>	<b>67,761,343</b>	<b>5.11%</b>

## 5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)	Class and number of securities ordinary shares
		Cash/non-cash AUD	
FMR LLC & FIL	10 January 2012	1.38	8,762
FMR LLC & FIL	10 January 2012	1.38	34,830
FMR LLC & FIL	10 January 2012	1.38	199,739
FMR LLC & FIL	10 January 2012	1.38	36,888
FMR LLC & FIL	10 January 2012	1.38	25,694
FMR LLC & FIL	11 January 2012	1.39	11,391
FMR LLC & FIL	11 January 2012	1.39	45,295
FMR LLC & FIL	11 January 2012	1.39	260,301
FMR LLC & FIL	11 January 2012	1.39	48,116
FMR LLC & FIL	11 January 2012	1.39	33,452
FMR LLC & FIL	12 January 2012	1.40	10,945
FMR LLC & FIL	12 January 2012	1.40	43,516
FMR LLC & FIL	12 January 2012	1.40	248,320
FMR LLC & FIL	12 January 2012	1.40	45,981
FMR LLC & FIL	12 January 2012	1.40	27,760
FMR LLC & FIL	13 January 2012	1.40	3,500
FMR LLC & FIL	13 January 2012	1.40	92,816
FMR LLC & FIL	13 January 2012	1.40	13,119
FMR LLC & FIL	13 January 2012	1.40	375,028
FMR LLC & FIL	13 January 2012	1.40	74,979
FMR LLC & FIL	13 January 2012	1.40	6,047,506
FMR LLC & FIL	13 January 2012	1.40	13,913
FMR LLC & FIL	13 January 2012	1.40	1,122,272
FMR LLC & FIL	16 January 2012	1.40	300,319
FMR LLC & FIL	16 January 2012	1.40	987,828
FMR LLC & FIL	16 January 2012	1.40	55,804
FMR LLC & FIL	16 January 2012	1.40	183,554
FMR LLC & FIL	17 January 2012	1.39	250,153
FMR LLC & FIL	17 January 2012	1.39	188,724
FMR LLC & FIL	18 January 2012	1.37	3,561
FMR LLC & FIL	18 January 2012	1.37	3,504
FMR LLC & FIL	31 January 2012	1.34	9,187
FMR LLC & FIL	31 January 2012	1.34	1,087,000
FMR LLC & FIL	6 February 2012	1.34	78,003
FMR LLC & FIL	6 February 2012	1.35	388,517
FMR LLC & FIL	7 February 2012	1.36	272,691
FMR LLC & FIL	7 February 2012	1.34	8,178
FMR LLC & FIL	7 February 2012	1.36	11,109
FMR LLC & FIL	8 February 2012	1.36	3,328

FMR LLC & FIL	8 February 2012	1.36	412,000
FMR LLC & FIL	9 February 2012	1.38	46,101
FMR LLC & FIL	9 February 2012	1.38	27,414
FMR LLC & FIL	10 February 2012	1.38	40,430
FMR LLC & FIL	13 February 2012	1.38	63,544
FMR LLC & FIL	14 February 2012	1.39	215,708
FMR LLC & FIL	15 February 2012	1.39	2,490
FMR LLC & FIL	15 February 2012	1.40	168,170
FMR LLC & FIL	15 February 2012	1.39	27,130
FMR LLC & FIL	15 February 2012	1.40	1,831,830
FMR LLC & FIL	16 February 2012	1.40	73,911
FMR LLC & FIL	16 February 2012	1.40	805,614
FMR LLC & FIL	17 February 2012	1.39	157,388
FMR LLC & FIL	17 February 2012	1.39	1,718,717
FMR LLC & FIL	20 February 2012	1.41	41,483
FMR LLC & FIL	20 February 2012	1.41	453,319
FMR LLC & FIL	20 February 2012	1.41	33
FMR LLC & FIL	21 February 2012	1.41	45,018
FMR LLC & FIL	21 February 2012	1.41	491,944
FMR LLC & FIL	21 February 2012	1.41	44
FMR LLC & FIL	22 February 2012	1.41	167,614
FMR LLC & FIL	22 February 2012	1.41	1,832,386
FMR LLC & FIL	22 February 2012	1.42	2,915
FMR LLC & FIL	23 February 2012	1.41	214
FMR LLC & FIL	27 February 2012	1.40	92,204
FMR LLC & FIL	28 February 2012	1.40	3,497
FMR LLC & FIL	28 February 2012	1.40	415,493
FMR LLC & FIL	28 February 2012	1.40	4,372
FMR LLC & FIL	1 March 2012	1.35	416,196
FMR LLC & FIL	1 March 2012	1.35	4,682
FMR LLC & FIL	7 March 2012	1.35	719,027
FMR LLC & FIL	7 March 2012	1.35	64,806
FMR LLC & FIL	8 March 2012	1.34	423,566
FMR LLC & FIL	8 March 2012	1.34	37,903
FMR LLC & FIL	9 March 2012	1.37	5,299
FMR LLC & FIL	9 March 2012	1.35	484,639
FMR LLC & FIL	9 March 2012	1.35	43,370
FMR LLC & FIL	16 March 2012	1.43	476,788
FMR LLC & FIL	19 March 2012	1.44	747,338
FMR LLC & FIL	19 March 2012	1.44	7,034
FMR LLC & FIL	20 March 2012	1.43	45,146
FMR LLC & FIL	26 March 2012	1.44	5,199
FMR LLC & FIL	27 March 2012	1.45	5,092
FMR LLC & FIL	29 March 2012	1.48	4,572
FMR LLC & FIL	30 March 2012	1.49	169,660
FMR LLC & FIL	30 March 2012	1.49	64,571
FMR LLC & FIL	30 March 2012	1.49	1,794,034
FMR LLC & FIL	2 April 2012	1.51	9,646

FMR LLC & FIL	2 April 2012	1.51	29,599
FMR LLC & FIL	2 April 2012	1.50	116,662
FMR LLC & FIL	2 April 2012	1.50	15,880
FMR LLC & FIL	2 April 2012	1.51	104,405
FMR LLC & FIL	2 April 2012	1.51	320,401
FMR LLC & FIL	2 April 2012	1.50	1,246,046
FMR LLC & FIL	3 April 2012	1.52	59,427
FMR LLC & FIL	3 April 2012	1.52	88,699
FMR LLC & FIL	3 April 2012	1.52	640,573
FMR LLC & FIL	3 April 2012	1.52	911,301
FMR LLC & FIL	4 April 2012	1.53	260,497
FMR LLC & FIL	4 April 2012	1.53	2,852,446
FMR LLC & FIL	16 April 2012	1.47	519
FMR LLC & FIL	18 April 2012	1.49	819
FMR LLC & FIL	20 April 2012	1.40	310,000
FMR LLC & FIL	20 April 2012	1.40	65,000
FMR LLC & FIL	20 April 2012	1.40	230,000
FMR LLC & FIL	24 April 2012	1.39	3,600
FMR LLC & FIL	24 April 2012	1.39	7,577
FMR LLC & FIL	24 April 2012	1.39	50,144
FMR LLC & FIL	24 April 2012	1.39	4,073
FMR LLC & FIL	24 April 2012	1.39	45,144
FMR LLC & FIL	24 April 2012	1.39	20,255
FMR LLC & FIL	24 April 2012	1.39	73,560
FMR LLC & FIL	24 April 2012	1.39	107,492
FMR LLC & FIL	24 April 2012	1.39	12,300
FMR LLC & FIL	24 April 2012	1.39	46,435
FMR LLC & FIL	24 April 2012	1.39	569,126
FMR LLC & FIL	24 April 2012	1.39	17,794
FMR LLC & FIL	26 April 2012	1.40	42,803
FMR LLC & FIL	26 April 2012	1.42	45,163
FMR LLC & FIL	26 April 2012	1.42	226,513
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	6,095
FMR LLC & FIL	26 April 2012	1.41	4,576
FMR LLC & FIL	26 April 2012	1.42	11,975
FMR LLC & FIL	26 April 2012	1.40	23,326
FMR LLC & FIL	26 April 2012	1.42	24,612
FMR LLC & FIL	26 April 2012	1.42	169,916
FMR LLC & FIL	26 April 2012	1.41	15,197
FMR LLC & FIL	26 April 2012	1.42	39,770
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	5,878
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	4,275
FMR LLC & FIL	26 April 2012	1.41	8,809
FMR LLC & FIL	26 April 2012	1.42	23,054
FMR LLC & FIL	26 April 2012	1.41	3,500

FMR LLC & FIL	26 April 2012	1.42	3,500
FMR LLC & FIL	26 April 2012	1.40	13,441
FMR LLC & FIL	26 April 2012	1.42	14,182
FMR LLC & FIL	26 April 2012	1.42	34,849
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	6,382
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	8,088
FMR LLC & FIL	26 April 2012	1.40	7,908
FMR LLC & FIL	26 April 2012	1.42	8,344
FMR LLC & FIL	26 April 2012	1.42	20,306
FMR LLC & FIL	26 April 2012	1.40	13,800
FMR LLC & FIL	26 April 2012	1.42	14,561
FMR LLC & FIL	26 April 2012	1.42	25,944
FMR LLC & FIL	26 April 2012	1.42	88,422
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	3,500
FMR LLC & FIL	26 April 2012	1.40	2,081
FMR LLC & FIL	26 April 2012	1.42	2,196
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	3,500
FMR LLC & FIL	26 April 2012	1.42	141,861
FMR LLC & FIL	26 April 2012	1.40	13,065
FMR LLC & FIL	26 April 2012	1.41	5,233
FMR LLC & FIL	26 April 2012	1.40	1,127
FMR LLC & FIL	26 April 2012	1.42	1,189
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	3,500
FMR LLC & FIL	26 April 2012	1.42	76,831
FMR LLC & FIL	26 April 2012	1.41	4,161
FMR LLC & FIL	26 April 2012	1.42	10,891
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.40	5,615
FMR LLC & FIL	26 April 2012	1.42	5,924
FMR LLC & FIL	26 April 2012	1.42	7,682
FMR LLC & FIL	26 April 2012	1.42	382,633
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	7,745
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	8,525
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	7,076
FMR LLC & FIL	26 April 2012	1.41	10,686
FMR LLC & FIL	26 April 2012	1.42	21,545
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	3,500
FMR LLC & FIL	26 April 2012	1.41	23,460
FMR LLC & FIL	26 April 2012	1.42	61,394

FMR LLC & FIL	26 April 2012	1.41	4,238
FMR LLC & FIL	26 April 2012	1.42	11,090
FMR LLC & FIL	26 April 2012	1.41	6,760
FMR LLC & FIL	26 April 2012	1.42	17,691
FMR LLC & FIL	26 April 2012	1.41	7,407
FMR LLC & FIL	26 April 2012	1.42	19,385
FMR LLC & FIL	26 April 2012	1.41	15,570
FMR LLC & FIL	26 April 2012	1.42	40,747
FMR LLC & FIL	26 April 2012	1.41	4,368
FMR LLC & FIL	26 April 2012	1.42	11,432
FMR LLC & FIL	26 April 2012	1.40	5,809
FMR LLC & FIL	26 April 2012	1.42	6,130
FMR LLC & FIL	26 April 2012	1.42	10,921
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	7,351
FMR LLC & FIL	26 April 2012	1.41	7,408
FMR LLC & FIL	26 April 2012	1.42	19,388
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	4,616
FMR LLC & FIL	26 April 2012	1.41	8,523
FMR LLC & FIL	26 April 2012	1.42	22,305
FMR LLC & FIL	26 April 2012	1.40	20,019
FMR LLC & FIL	26 April 2012	1.42	21,123
FMR LLC & FIL	26 April 2012	1.42	48,049
FMR LLC & FIL	26 April 2012	1.41	6,452
FMR LLC & FIL	26 April 2012	1.42	16,886
FMR LLC & FIL	26 April 2012	1.41	11,685
FMR LLC & FIL	26 April 2012	1.42	30,580
FMR LLC & FIL	26 April 2012	1.41	4,599
FMR LLC & FIL	26 April 2012	1.42	12,037
FMR LLC & FIL	26 April 2012	1.41	67,276
FMR LLC & FIL	26 April 2012	1.42	176,058
FMR LLC & FIL	26 April 2012	1.41	10,407
FMR LLC & FIL	26 April 2012	1.42	27,235
FMR LLC & FIL	26 April 2012	1.41	12,684
FMR LLC & FIL	26 April 2012	1.42	33,195
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	5,860
FMR LLC & FIL	26 April 2012	1.41	4,341
FMR LLC & FIL	26 April 2012	1.42	11,360
FMR LLC & FIL	26 April 2012	1.41	6,637
FMR LLC & FIL	26 April 2012	1.40	12,694
FMR LLC & FIL	26 April 2012	1.42	13,394
FMR LLC & FIL	26 April 2012	1.42	17,369
FMR LLC & FIL	26 April 2012	1.42	865,058
FMR LLC & FIL	26 April 2012	1.41	22,867
FMR LLC & FIL	26 April 2012	1.40	8,871
FMR LLC & FIL	26 April 2012	1.42	9,361



FMR LLC & FIL	26 April 2012	1.42	16,680
FMR LLC & FIL	26 April 2012	1.42	27,406
FMR LLC & FIL	26 April 2012	1.40	28,671
FMR LLC & FIL	26 April 2012	1.42	30,252
FMR LLC & FIL	26 April 2012	1.41	82,444
FMR LLC & FIL	26 April 2012	1.42	215,736
FMR LLC & FIL	26 April 2012	1.40	38,358
FMR LLC & FIL	26 April 2012	1.42	40,473
FMR LLC & FIL	26 April 2012	1.42	94,737
FMR LLC & FIL	26 April 2012	1.41	5,070
FMR LLC & FIL	26 April 2012	1.42	13,268
FMR LLC & FIL	26 April 2012	1.40	5,668
FMR LLC & FIL	26 April 2012	1.42	5,980
FMR LLC & FIL	26 April 2012	1.42	13,921
FMR LLC & FIL	26 April 2012	1.41	5,599
FMR LLC & FIL	26 April 2012	1.42	14,652
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	6,688
FMR LLC & FIL	26 April 2012	1.41	3,624
FMR LLC & FIL	26 April 2012	1.42	9,484
FMR LLC & FIL	26 April 2012	1.40	6,744
FMR LLC & FIL	26 April 2012	1.42	7,116
FMR LLC & FIL	26 April 2012	1.42	25,918
FMR LLC & FIL	26 April 2012	1.41	3,500
FMR LLC & FIL	26 April 2012	1.42	7,712
FMR LLC & FIL	27 April 2012	1.42	13,195
FMR LLC & FIL	27 April 2012	1.42	25,923
FMR LLC & FIL	27 April 2012	1.42	86,091
FMR LLC & FIL	27 April 2012	1.42	12,726
FMR LLC & FIL	27 April 2012	1.42	9,256
FMR LLC & FIL	27 April 2012	1.42	49,905
FMR LLC & FIL	27 April 2012	1.42	3,753
FMR LLC & FIL	27 April 2012	1.42	13,816
FMR LLC & FIL	27 April 2012	1.42	11,612
FMR LLC & FIL	27 April 2012	1.42	3,000
FMR LLC & FIL	27 April 2012	1.42	6,220
FMR LLC & FIL	27 April 2012	1.42	3,351
FMR LLC & FIL	27 April 2012	1.42	15,837
FMR LLC & FIL	27 April 2012	1.42	16,662
FMR LLC & FIL	27 April 2012	1.42	16,765
FMR LLC & FIL	27 April 2012	1.42	18,454
FMR LLC & FIL	27 April 2012	1.42	14,998
FMR LLC & FIL	27 April 2012	1.42	10,102
FMR LLC & FIL	27 April 2012	1.42	133,755
FMR LLC & FIL	27 April 2012	1.42	24,008
FMR LLC & FIL	27 April 2012	1.42	38,296
FMR LLC & FIL	27 April 2012	1.42	21,737
FMR LLC & FIL	27 April 2012	1.42	41,964

FMR LLC & FIL	27 April 2012	1.42	88,957
FMR LLC & FIL	27 April 2012	1.42	17,069
FMR LLC & FIL	27 April 2012	1.42	15,912
FMR LLC & FIL	27 April 2012	1.42	41,969
FMR LLC & FIL	27 April 2012	1.42	10,060
FMR LLC & FIL	27 April 2012	1.42	44,428
FMR LLC & FIL	27 April 2012	1.42	34,112
FMR LLC & FIL	27 April 2012	1.42	66,626
FMR LLC & FIL	27 April 2012	1.42	10,502
FMR LLC & FIL	27 April 2012	1.42	101,021
FMR LLC & FIL	27 April 2012	1.42	26,058
FMR LLC & FIL	27 April 2012	1.42	381,116
FMR LLC & FIL	27 April 2012	1.42	58,957
FMR LLC & FIL	27 April 2012	1.42	63,317
FMR LLC & FIL	27 April 2012	1.42	12,687
FMR LLC & FIL	27 April 2012	1.42	22,616
FMR LLC & FIL	27 April 2012	1.42	37,930
FMR LLC & FIL	27 April 2012	1.42	116,218
FMR LLC & FIL	27 April 2012	1.42	471,042
FMR LLC & FIL	27 April 2012	1.42	28,722
FMR LLC & FIL	27 April 2012	1.42	31,718
FMR LLC & FIL	27 April 2012	1.42	14,606
FMR LLC & FIL	27 April 2012	1.42	3,852
FMR LLC & FIL	27 April 2012	1.42	16,696
FMR LLC & FIL	30 April 2012	1.45	25,678
FMR LLC & FIL	30 April 2012	1.45	50,543
FMR LLC & FIL	30 April 2012	1.45	167,875
FMR LLC & FIL	30 April 2012	1.45	23,779
FMR LLC & FIL	30 April 2012	1.45	17,607
FMR LLC & FIL	30 April 2012	1.45	97,309
FMR LLC & FIL	30 April 2012	1.45	3,298
FMR LLC & FIL	30 April 2012	1.45	26,937
FMR LLC & FIL	30 April 2012	1.45	2,189
FMR LLC & FIL	30 April 2012	1.45	11,989
FMR LLC & FIL	30 April 2012	1.45	6,495
FMR LLC & FIL	30 April 2012	1.45	32,202
FMR LLC & FIL	30 April 2012	1.45	32,466
FMR LLC & FIL	30 April 2012	1.45	14,989
FMR LLC & FIL	30 April 2012	1.45	19,660
FMR LLC & FIL	30 April 2012	1.45	3,918
FMR LLC & FIL	30 April 2012	1.45	20,024
FMR LLC & FIL	30 April 2012	1.45	74,519
FMR LLC & FIL	30 April 2012	1.45	42,303
FMR LLC & FIL	30 April 2012	1.45	35,230
FMR LLC & FIL	30 April 2012	1.45	15,427
FMR LLC & FIL	30 April 2012	1.45	30,959
FMR LLC & FIL	30 April 2012	1.45	67,978
FMR LLC & FIL	30 April 2012	1.45	19,385

FMR LLC & FIL	30 April 2012	1.45	1,965
FMR LLC & FIL	30 April 2012	1.45	20,467
FMR LLC & FIL	30 April 2012	1.45	149,189
FMR LLC & FIL	30 April 2012	1.45	50,806
FMR LLC & FIL	30 April 2012	1.45	710,322
FMR LLC & FIL	30 April 2012	1.45	108,065
FMR LLC & FIL	30 April 2012	1.45	24,631
FMR LLC & FIL	30 April 2012	1.45	73,376
FMR LLC & FIL	30 April 2012	1.45	252,576
FMR LLC & FIL	30 April 2012	1.45	82,387
FMR LLC & FIL	30 April 2012	1.45	56,000
FMR LLC & FIL	30 April 2012	1.45	26,467
FMR LLC & FIL	30 April 2012	1.45	28,154
FMR LLC & FIL	30 April 2012	1.45	32,552
FMR LLC & FIL	1 May 2012	1.45	921
FMR LLC & FIL	1 May 2012	1.45	4,034
FMR LLC & FIL	1 May 2012	1.45	1,461
FMR LLC & FIL	1 May 2012	1.45	7,749
FMR LLC & FIL	1 May 2012	1.45	1,106
FMR LLC & FIL	1 May 2012	1.45	20,143
FMR LLC & FIL	1 May 2012	1.45	18,768
FMR LLC & FIL	1 May 2012	1.45	7,039
FMR LLC & FIL	1 May 2012	1.45	55,599
FMR LLC & FIL	1 May 2012	1.45	2,091
FMR LLC & FIL	1 May 2012	1.45	1,065
FMR LLC & FIL	1 May 2012	1.45	6,128
FMR LLC & FIL	1 May 2012	1.45	17,236
FMR LLC & FIL	1 May 2012	1.45	1,853
FMR LLC & FIL	1 May 2012	1.45	271,318
FMR LLC & FIL	1 May 2012	1.45	3,217
FMR LLC & FIL	1 May 2012	1.45	4,037
FMR LLC & FIL	1 May 2012	1.45	687
FMR LLC & FIL	1 May 2012	1.45	138,269
FMR LLC & FIL	1 May 2012	1.45	75,535
FMR LLC & FIL	1 May 2012	1.45	4,565
FMR LLC & FIL	1 May 2012	1.45	393,512
FMR LLC & FIL	1 May 2012	1.45	532
FMR LLC & FIL	2 May 2012	1.43	8,735
FMR LLC & FIL	2 May 2012	1.43	8,733
FMR LLC & FIL	2 May 2012	1.43	254,154
FMR LLC & FIL	2 May 2012	1.43	110,603
FMR LLC & FIL	3 May 2012	1.43	9,671
FMR LLC & FIL	3 May 2012	1.43	9,540
FMR LLC & FIL	3 May 2012	1.42	12,454
FMR LLC & FIL	3 May 2012	1.42	68,750
FMR LLC & FIL	3 May 2012	1.42	89,854
FMR LLC & FIL	3 May 2012	1.43	3,753
FMR LLC & FIL	3 May 2012	1.42	54,443

FMR LLC & FIL	3 May 2012	1.42	184,412
FMR LLC & FIL	3 May 2012	1.42	150,892
FMR LLC & FIL	3 May 2012	1.42	381,962
FMR LLC & FIL	3 May 2012	1.42	421,797
FMR LLC & FIL	3 May 2012	1.43	25,000
FMR LLC & FIL	3 May 2012	1.42	2,023,116
FMR LLC & FIL	3 May 2012	1.42	156,672
FMR LLC & FIL	4 May 2012	1.42	38,802
FMR LLC & FIL	4 May 2012	1.42	213,221
FMR LLC & FIL	4 May 2012	1.42	571,866
FMR LLC & FIL	4 May 2012	1.41	5,239
FMR LLC & FIL	4 May 2012	1.42	1,270,938
FMR LLC & FIL	4 May 2012	1.42	153,006
FMR LLC & FIL	4 May 2012	1.42	472,164
FMR LLC & FIL	7 May 2012	1.41	93,497
FMR LLC & FIL	7 May 2012	1.41	9,206
FMR LLC & FIL	7 May 2012	1.41	18,147
FMR LLC & FIL	7 May 2012	1.41	48,407
FMR LLC & FIL	7 May 2012	1.41	5,335
FMR LLC & FIL	7 May 2012	1.41	60,205
FMR LLC & FIL	7 May 2012	1.41	8,900
FMR LLC & FIL	7 May 2012	1.41	6,442
FMR LLC & FIL	7 May 2012	1.41	34,932
FMR LLC & FIL	7 May 2012	1.41	3,800
FMR LLC & FIL	7 May 2012	1.41	7,442
FMR LLC & FIL	7 May 2012	1.41	9,671
FMR LLC & FIL	7 May 2012	1.41	12,191
FMR LLC & FIL	7 May 2012	1.41	16,292
FMR LLC & FIL	7 May 2012	1.41	28,566
FMR LLC & FIL	7 May 2012	1.41	3,800
FMR LLC & FIL	7 May 2012	1.41	16,221
FMR LLC & FIL	7 May 2012	1.41	11,573
FMR LLC & FIL	7 May 2012	1.41	12,831
FMR LLC & FIL	7 May 2012	1.41	10,649
FMR LLC & FIL	7 May 2012	1.41	7,047
FMR LLC & FIL	7 May 2012	1.41	92,635
FMR LLC & FIL	7 May 2012	1.41	17,565
FMR LLC & FIL	7 May 2012	1.41	26,714
FMR LLC & FIL	7 May 2012	1.41	15,164
FMR LLC & FIL	7 May 2012	1.41	4,050
FMR LLC & FIL	7 May 2012	1.41	29,277
FMR LLC & FIL	7 May 2012	1.41	17,052
FMR LLC & FIL	7 May 2012	1.41	12,024
FMR LLC & FIL	7 May 2012	1.41	11,098
FMR LLC & FIL	7 May 2012	1.41	29,282
FMR LLC & FIL	7 May 2012	1.41	33,358
FMR LLC & FIL	7 May 2012	1.41	41,395
FMR LLC & FIL	7 May 2012	1.41	25,504

FMR LLC & FIL	7 May 2012	1.41	46,062
FMR LLC & FIL	7 May 2012	1.41	7,326
FMR LLC & FIL	7 May 2012	1.41	70,651
FMR LLC & FIL	7 May 2012	1.41	18,240
FMR LLC & FIL	7 May 2012	1.41	263,580
FMR LLC & FIL	7 May 2012	1.41	40,829
FMR LLC & FIL	7 May 2012	1.41	49,766
FMR LLC & FIL	7 May 2012	1.41	8,757
FMR LLC & FIL	7 May 2012	1.41	17,008
FMR LLC & FIL	7 May 2012	1.41	88,807
FMR LLC & FIL	7 May 2012	1.41	18,363
FMR LLC & FIL	7 May 2012	1.41	46,175
FMR LLC & FIL	7 May 2012	1.41	80,540
FMR LLC & FIL	7 May 2012	1.41	20,105
FMR LLC & FIL	7 May 2012	1.41	28,873
FMR LLC & FIL	7 May 2012	1.41	11,691
FMR LLC & FIL	7 May 2012	1.41	22,141
FMR LLC & FIL	7 May 2012	1.41	9,077
FMR LLC & FIL	7 May 2012	1.41	13,947
FMR LLC & FIL	7 May 2012	1.41	11,688
FMR LLC & FIL	8 May 2012	1.43	104,734
FMR LLC & FIL	8 May 2012	1.43	10,335
FMR LLC & FIL	8 May 2012	1.43	20,278
FMR LLC & FIL	8 May 2012	1.43	54,114
FMR LLC & FIL	8 May 2012	1.43	2,361
FMR LLC & FIL	8 May 2012	1.43	67,284
FMR LLC & FIL	8 May 2012	1.43	9,947
FMR LLC & FIL	8 May 2012	1.43	7,244
FMR LLC & FIL	8 May 2012	1.43	39,034
FMR LLC & FIL	8 May 2012	1.43	3,710
FMR LLC & FIL	8 May 2012	1.43	10,807
FMR LLC & FIL	8 May 2012	1.43	420
FMR LLC & FIL	8 May 2012	1.43	3,552
FMR LLC & FIL	8 May 2012	1.43	949
FMR LLC & FIL	8 May 2012	1.43	4,236
FMR LLC & FIL	8 May 2012	1.43	685
FMR LLC & FIL	8 May 2012	1.43	13,093
FMR LLC & FIL	8 May 2012	1.43	12,359
FMR LLC & FIL	8 May 2012	1.43	3,288
FMR LLC & FIL	8 May 2012	1.43	7,911
FMR LLC & FIL	8 May 2012	1.43	28,472
FMR LLC & FIL	8 May 2012	1.43	19,096
FMR LLC & FIL	8 May 2012	1.43	29,991
FMR LLC & FIL	8 May 2012	1.43	17,024
FMR LLC & FIL	8 May 2012	1.43	27,185
FMR LLC & FIL	8 May 2012	1.43	107
FMR LLC & FIL	8 May 2012	1.43	399
FMR LLC & FIL	8 May 2012	1.43	12,457

FMR LLC & FIL	8 May 2012	1.43	32,741
FMR LLC & FIL	8 May 2012	1.43	7,070
FMR LLC & FIL	8 May 2012	1.43	7,259
FMR LLC & FIL	8 May 2012	1.43	5,231
FMR LLC & FIL	8 May 2012	1.43	13,962
FMR LLC & FIL	8 May 2012	1.43	8,193
FMR LLC & FIL	8 May 2012	1.43	65,983
FMR LLC & FIL	8 May 2012	1.43	20,381
FMR LLC & FIL	8 May 2012	1.43	298,029
FMR LLC & FIL	8 May 2012	1.43	46,166
FMR LLC & FIL	8 May 2012	1.43	9,284
FMR LLC & FIL	8 May 2012	1.43	9,900
FMR LLC & FIL	8 May 2012	1.43	3,783
FMR LLC & FIL	8 May 2012	1.43	99,265
FMR LLC & FIL	8 May 2012	1.43	621
FMR LLC & FIL	8 May 2012	1.43	14,402
FMR LLC & FIL	8 May 2012	1.43	22,466
FMR LLC & FIL	8 May 2012	1.43	32,121
FMR LLC & FIL	8 May 2012	1.43	2,170
FMR LLC & FIL	8 May 2012	1.43	21,061
FMR LLC & FIL	8 May 2012	1.43	7,584
FMR LLC & FIL	8 May 2012	1.43	13,061
FMR LLC & FIL	9 May 2012	1.41	1,197
FMR LLC & FIL	9 May 2012	1.41	6,865
FMR LLC & FIL	9 May 2012	1.41	13,478
FMR LLC & FIL	9 May 2012	1.41	17,146
FMR LLC & FIL	9 May 2012	1.41	41,847
FMR LLC & FIL	9 May 2012	1.41	6,177
FMR LLC & FIL	9 May 2012	1.41	4,562
FMR LLC & FIL	9 May 2012	1.41	25,928
FMR LLC & FIL	9 May 2012	1.41	7,185
FMR LLC & FIL	9 May 2012	1.41	42,284
FMR LLC & FIL	9 May 2012	1.41	13,960
FMR LLC & FIL	9 May 2012	1.41	77,231
FMR LLC & FIL	9 May 2012	1.41	20,754
FMR LLC & FIL	9 May 2012	1.41	2,165
FMR LLC & FIL	9 May 2012	1.41	15,970
FMR LLC & FIL	9 May 2012	1.41	59,938
FMR LLC & FIL	9 May 2012	1.41	8,605
FMR LLC & FIL	9 May 2012	1.41	41,345
FMR LLC & FIL	9 May 2012	1.41	5,265
FMR LLC & FIL	9 May 2012	1.41	19,981
FMR LLC & FIL	9 May 2012	1.41	11,330
FMR LLC & FIL	9 May 2012	1.41	155,915
FMR LLC & FIL	9 May 2012	1.41	8,296
FMR LLC & FIL	9 May 2012	1.41	12,686
FMR LLC & FIL	9 May 2012	1.41	3,148
FMR LLC & FIL	9 May 2012	1.41	13,562

FMR LLC & FIL	9 May 2012	1.41	163,231
FMR LLC & FIL	9 May 2012	1.41	25,613
FMR LLC & FIL	9 May 2012	1.41	6,524
FMR LLC & FIL	9 May 2012	1.41	50,376
FMR LLC & FIL	9 May 2012	1.41	825,939
FMR LLC & FIL	9 May 2012	1.41	14,975
FMR LLC & FIL	9 May 2012	1.41	22,237
FMR LLC & FIL	9 May 2012	1.41	175,814
FMR LLC & FIL	9 May 2012	1.41	8,708
FMR LLC & FIL	10 May 2012	1.43	594,381
FMR LLC & FIL	11 May 2012	1.50	788
FMR LLC & FIL	11 May 2012	1.50	42,819
FMR LLC & FIL	11 May 2012	1.50	544,218
FMR LLC & FIL	11 May 2012	1.50	42,083
FMR LLC & FIL	11 May 2012	1.50	1,604
FMR LLC & FIL	11 May 2012	1.50	19,222
FMR LLC & FIL	11 May 2012	1.50	510,201
FMR LLC & FIL	11 May 2012	1.50	128,657
FMR LLC & FIL	11 May 2012	1.50	55,988
FMR LLC & FIL	11 May 2012	1.50	1,694,963
FMR LLC & FIL	11 May 2012	1.50	403,296

## 6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are all follows:

Name and ACN/ARSN (if applicable)	Nature of association
FMR LLC	FMR LLC is a Delaware limited liability company with its principal place of business at 82 Devonshire Street, Boston, Massachusetts. Fidelity Management & Research Company (FMR Co.), Fidelity Management Trust Company (FMTC) and Pyramis Global Advisors LLC (PGALLC) are wholly-owned subsidiaries of FMR LLC and under the common control of FMR LLC. Each may be considered a related body corporate and hence an 'associate' of FMR LLC, as such term is used in the Corporations Law 2001. FMR Co. is advisor to registered holders named in Section 4 and has power under its management agreements to dispose of the subject shares. FMR Co. also carries out voting under the written guidelines established by the Boards of Trustees of the Funds which are registered holders. The relevant interests of FMTC and PGALLC consist of the power to dispose of, and may also consist of the power to vote or direct the voting of, the shares of institutional accounts with which they each have management agreements.
FIL	FIL Limited (FIL) is previously known as Fidelity International Limited. FIL may vote or direct the voting of the shares of registered holders named in Section 4 under written guidelines established by the Board of Directors of FIL. FIL and its subsidiary management companies such as Fidelity Investments International (FII) and Fidelity Pensions Management (FPM) have power to dispose of shares of funds of registered holders named in Section 4 and/or of institutional accounts with which the companies have management agreements. FII and FPM are wholly-owned subsidiary of FIL and hence 'associates' of FIL as such term is used in the Corporations Law 2001.

## 7. Addresses

The addresses of the persons named in this form are as follows:

Name	Address
FMR LLC	82 Devonshire Street, Boston, MA 02109
FIL	Pembroke Hall, 42 Crow Lane, Pembroke, Bermuda

Sign Here *P. T. Alcantara*

Dated: 15 May 2012

Ryo Sato

Assistant Manager, Regulatory Reporting

Duly authorized under Powers of Attorney dated 2 June 2008 by Scott Goebel by and on behalf of FMR LLC, and their respective direct and indirect subsidiaries.

Duly authorized under Powers of Attorney dated 4 August 2009 by Allan Pelvang by and on behalf of FIL Limited and their respective direct and indirect subsidiaries