## **Form 604**

Corporations Act 2001 Section 671B

# Notice of change of interests of substantial holder

To Company Name/Scheme ALTIUM LTD

ACN/ARSN 009 568 772

#### 1. Details of substantial holder(1)

Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures

ACN/ARSN (if applicable) to this form)

There was a change in the interests of the

### 2. Previous and present 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 when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ord	9,253,163	7.06	10,586,578	8.06

## 3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
	See Annexure A				

## 4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
	See Annexure B				

### 5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association

#### 6. Addresses

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

Name	Address
Annexure C	

## Signature

print name Maria Tricarico

capacity \*Authorised Signatory

sign here

date 16 / 10 /2020

#### DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
  - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
  - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.

- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, becom'e entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

<sup>\*</sup> At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

16-Oct-20 Date

Maria Tricarico, Authorised Signatory

# 5. Consideration

		ALTIUM L	ΓD (ALU)					
Date of Change	Person whose relevant interest changed	Consideration g	Nature of change (6) / Consideration given in relation to change (7)		Class and number of securities affected		Person's votes affected	
18-Aug-20	BlackRock Investment Management, LLC	on mkt buy	34.80	AUD	ORD	13,259	13,259	
18-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.62	AUD	ORD	544	544	
19-Aug-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	348	348	
19-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.51	AUD	ORD	-2,845	-2,84	
19-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.51	AUD	ORD	-1,503	-1,50	
19-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.51	AUD	ORD	-1,476	-1,470	
19-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.56	AUD	ORD	-1,297	-1,29	
19-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	36.94	AUD	ORD	-146	-140	
21-Aug-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	16,813	16,813	
21-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.79	AUD	ORD	-4,621	-4,62	
21-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.79	AUD	ORD	-330	-330	
21-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.69	AUD	ORD	-1,694	-1,69	
24-Aug-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,797	1,79	
25-Aug-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,050	1,050	
25-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.14	AUD	ORD	-1,384	-1,384	
25-Aug-20	BLACKROCK ADVISORS, LLC	on mkt buy	37.13	AUD	ORD	43,000	43,000	
25-Aug-20	BlackRock Investment Management, LLC	on mkt buy	37.13	AUD	ORD	6,521	6,52	
25-Aug-20	BlackRock Investment Management, LLC	on mkt buy	37.13	AUD	ORD	51,889	51,889	
25-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.13	AUD	ORD	448	448	
25-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.45	AUD	ORD	1,768	1,768	
25-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	37.45	AUD	ORD	308	308	
26-Aug-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,818	1,818	
26-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.76	AUD	ORD	-11,788	-11,788	
26-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.76	AUD	ORD	-2,481	-2,48	
26-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.76	AUD	ORD	-2,561	-2,56	
26-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.75	AUD	ORD	-11,136	-11,136	
26-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.75	AUD	ORD	-551	-55	
26-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.62	AUD	ORD	359	359	
26-Aug-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-48,603	-48,603	
26-Aug-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-120,955	-120,95	
27-Aug-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	270	270	
27-Aug-20	BlackRock Investment Management, LLC	on mkt buy	36.74	AUD	ORD	6,780	6,780	
27-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.95	AUD	ORD	1,543	1,54	

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Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ge (7)	CCY	Class and number of securities affected		Person's votes affected
	BlackRock Investment Management (Australia) Limited	on mkt buy	36.90	AUD	ORD	6,924	6,924
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,594	3,594
	BlackRock Investment Management	on mkt sell	35.97	AUD	ORD	-1,973	-1,973
-	(Australia) Limited BlackRock Investment Management	on mkt sell	35.97	AUD	ORD	-1,345	-1,345
	(Australia) Limited					ŕ	·
28-Aug-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	990	990
•	BlackRock Investment Management (UK) Limited	on mkt sell	36.33	AUD	ORD	-5,755	-5,755
31-Aug-20	BLACKROCK ADVISORS, LLC	on mkt buy	36.40	AUD	ORD	43,827	43,827
	BLACKROCK ADVISORS, LLC	on mkt buy	36.40	AUD	ORD	2,567	2,567
	BlackRock Investment Management, LLC	on mkt buy	36.40	AUD	ORD	6,717	6,717
31-Aug-20	BlackRock Investment Management, LLC	on mkt buy	36.40	AUD	ORD	70,739	70,739
-	BlackRock Investment Management (UK)	on mkt buy	36.54	AUD	ORD	32,920	32,920
31-Aug-20	Limited BlackRock Institutional Trust Company,	on mkt buy	36.54	AUD	ORD	4,690	4,690
	National Association BlackRock Investment Management	on mkt buy	36.54	AUD	ORD	6,562	6,562
	(Australia) Limited	,				,	,
	BLACKROCK ADVISORS, LLC	on mkt buy	36.46	AUD	ORD	24,603	24,603
01-Sep-20	BLACKROCK ADVISORS, LLC	on mkt buy	36.46	AUD	ORD	1,441	1,441
01-Sep-20	BlackRock Investment Management, LLC	on mkt buy	36.46	AUD	ORD	3,770	3,770
01-Sep-20	BlackRock Investment Management, LLC	on mkt buy	36.22	AUD	ORD	6,491	6,491
•	BLACKROCK FINANCIAL	on mkt buy	36.22	AUD	ORD	221	221
01-Sep-20	MANAGEMENT, INC. BLACKROCK FINANCIAL	on mkt buy	36.22	AUD	ORD	871	871
	MANAGEMENT, INC. BlackRock Investment Management, LLC	on mkt buy	36.46	AUD	ORD	39,711	39,711
01-Sep-20	BlackRock Investment Management	on mkt buy	36.56	AUD	ORD	225	225
•	(Australia) Limited BlackRock Investment Management, LLC	•	36.62	AUD	ORD	-870	-870
•	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,212	1,212
•	BlackRock Institutional Trust Company, National Association	on mkt sell	36.69	AUD	ORD	-7,197	-7,197
	BlackRock Institutional Trust Company, National Association	on mkt sell	36.69	AUD	ORD	-314	-314
	BlackRock Institutional Trust Company, National Association	on mkt sell	36.69	AUD	ORD	-283	-283
02-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.61	AUD	ORD	114	114
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,188	1,188
	BlackRock Investment Management	on mkt buy	36.11	AUD	ORD	227	227
-	(Australia) Limited	•					
	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	36.08	AUD	ORD	-52	-52
03-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	36.31	AUD	ORD	-7,594	-7,594
03-Sep-20	BlackRock Investment Management, LLC	on mkt buy	36.31	AUD	ORD	682	682
	BlackRock Institutional Trust Company,	on mkt sell	34.31	AUD	ORD	-1,774	-1,774
	National Association BlackRock Investment Management, LLC	on mkt buy	34.46	AUD	ORD	10,363	10,363
04-Sep-20	BlackRock Investment Management	on mkt buy	34.28	AUD	ORD	622	622
•	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	51,520	51,520
	(Australia) Limited					•	
07-Sep-20	BlackRock Investment Management	in specie	n/a	AUD	ORD	87,497	87,497
	(Australia) Limited						
	(Australia) Limited BlackRock Investment Management, LLC	on mkt buy	33.80	AUD	ORD	7,179	7,179
07-Sep-20	BlackRock Investment Management, LLC BlackRock Investment Management	on mkt buy	33.80 33.78	AUD	ORD	7,179	7,179
07-Sep-20 07-Sep-20 07-Sep-20	BlackRock Investment Management, LLC						

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Date of Change	Person whose relevant interest changed	Consideration	of change (6) / on given in relation to hange (7)	CCY	Class and number of securities affected		Person's votes affected
08-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.20	AUD	ORD	-2,871	-2,871
08-Sep-20	BlackRock Investment Management, LLC	on mkt sell	34.20	AUD	ORD	-411	-411
08-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.31	AUD	ORD	9,928	9,928
08-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.31	AUD	ORD	680	680
08-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	34.31	AUD	ORD	308	308
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	352	352
09-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.41	AUD	ORD	-5,463	-5,463
09-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	33.65	AUD	ORD	308	308
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	925	925
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	370	370
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	666	666
09-Sep-20	BlackRock Advisors (UK) Limited	in specie on mkt sell	n/a	AUD	ORD ORD	-697 1.752	-697 1 752
10-Sep-20	BlackRock Institutional Trust Company, National Association BlackRock Investment Management (UK)	on mkt sell	33.76	AUD	ORD	-1,753 -698	-1,753 -698
10-Sep-20	Limited						
10-Sep-20	BlackRock Investment Management, LLC	on mkt sell	33.76	AUD	ORD	-619	-619
10-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.76	AUD	ORD	792	792
10-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,188	1,188
10-Sep-20	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,310	-1,310
11-Sep-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	70,016	70,016
11-Sep-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	76,719	76,719
11-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.42	AUD	ORD	544	544
11-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.42	AUD	ORD	1,224	1,224
14-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,624	3,624
14-Sep-20	BlackRock Investment Management, LLC	on mkt buy	33.36	AUD	ORD	11,088	11,088
14-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.33	AUD	ORD	272	272
15-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.65	AUD	ORD	591	591
15-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.55	AUD	ORD	544	544
15-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	33.55	AUD	ORD	154	154
16-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	480	480
16-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.21	AUD	ORD	759	759
16-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.19	AUD	ORD	-5,092	-5,092
17-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	352	352
17-Sep-20	BlackRock Investment Management, LLC	on mkt buy	34.13	AUD	ORD	7,494	7,494
18-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,034	1,034
18-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.24	AUD	ORD	501	501
18-Sep-20	BlackRock Investment Management, LLC	on mkt buy	34.21	AUD	ORD	6,565	6,565
18-Sep-20	BlackRock Investment Management, LLC	on mkt sell	34.23	AUD	ORD	-420	-420
18-Sep-20	BlackRock Investment Management, LLC	on mkt buy	34.21	AUD	ORD	51,055	51,055
18-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	34.22	AUD	ORD	3,122	3,122
18-Sep-20	BlackRock Investment Management (UK) Limited	on mkt buy	34.22	AUD	ORD	1,268	1,268
18-Sep-20	BlackRock Investment Management (UK) Limited	on mkt buy	34.22	AUD	ORD	101	101
18-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	34.22	AUD	ORD	977	977
18-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.22	AUD	ORD	-1,340	-1,340
18-Sep-20	BlackRock Investment Management (UK) Limited	on mkt buy	34.22	AUD	ORD	6,952	6,952

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	changed	_	iven in relation to ige (7)	CCY	securities	affected	votes affected
18-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.22	AUD	ORD	-2,054	-2,05
18-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.22	AUD	ORD	-2,651	-2,65
18-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.22	AUD	ORD	-608	-60
18-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.22	AUD	ORD	-1,610	-1,61
21-Sep-20	BlackRock Investment Management, LLC	on mkt buy	33.94	AUD	ORD	870	87
21-Sep-20	BlackRock Investment Management, LLC	on mkt buy	33.94	AUD	ORD	6,763	6,76
21-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.48	AUD	ORD	44,890	44,89
21-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.48	AUD	ORD	670	67
22-Sep-20	BlackRock Investment Management	on mkt buy	34.28	AUD	ORD	1,322	1,32
22-Sep-20	(Australia) Limited  BlackRock Investment Management, LLC	on mkt sell	34.32	AUD	ORD	-315	-31
22-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.31	AUD	ORD	3,646	3,64
23-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	35.26	AUD	ORD	-532	-53
24-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.86	AUD	ORD	-1,820	-1,82
24-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	34.86	AUD	ORD	-617	-61
24-Sep-20	BlackRock Investment Management, LLC	on mkt sell	34.86	AUD	ORD	-796	-79
24-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.73	AUD	ORD	1,206	1,20
24-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,323	2,32
25-Sep-20 25-Sep-20	BlackRock Fund Advisors  BlackRock Institutional Trust Company,	in specie on mkt sell	n/a 35.24	AUD	ORD ORD	1,144 -3,304	1,14 -3,30
25-Sep-20	National Association  BlackRock Investment Management, LLC	on mkt sell	35.24	AUD	ORD	-387	-38
25-Sep-20	BlackRock Investment Management, LLC	on mkt buy	35.36	AUD	ORD	29,646	29,64
25-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.17	AUD	ORD	938	93
25-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	35.17	AUD	ORD	154	15
28-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.55	AUD	ORD	-91	-9
28-Sep-20	BlackRock Investment Management, LLC	on mkt buy	35.49	AUD	ORD	8,010	8,01
29-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,165	2,16
29-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	979	97
29-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.99	AUD	ORD	482	48
30-Sep-20	BlackRock Fund Advisors	in specie	 n/a	AUD	ORD	693	69
30-Sep-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,005	3,00
30-Sep-20	BlackRock Fund Advisors	on mkt buy	35.89	AUD	ORD	371	37
30-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.04	AUD	ORD	5,456	5,45
30-Sep-20	BlackRock Investment Management (UK) Limited	on mkt buy	36.01	AUD	ORD	78,790	78,79
30-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	35.92	AUD	ORD ORD	154	15
30-Sep-20 30-Sep-20	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company,	on mkt buy	35.92 35.92	AUD	ORD	3,742	3,74
-	National Association						
30-Sep-20 01-Oct-20	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD AUD	ORD ORD	540 712	54 71
01-Oct-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	35.23	AUD	ORD	-24	-2
01-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	468	46
02-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,624	3,62
02-Oct-20 02-Oct-20	BlackRock Fund Advisors  BlackRock Investment Management	in specie on mkt buy	n/a 35.45	AUD AUD	ORD ORD	2,416 10,614	2,41 10,61
	(Australia) Limited BlackRock Investment Management	on mkt buy	35.08	AUD	ORD	1,206	1,20

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Date of Change	Person whose relevant interest changed	Consideration	f change (6) / given in relation to ange (7)	CCY	Class and number of securities affected		Person's votes affected	
05-Oct-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	292,282	292,282	
05-Oct-20	BlackRock Investment Management, LLC	on mkt buy	35.14	AUD	ORD	13,093	13,093	
05-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.23	AUD	ORD	4,556	4,556	
05-Oct-20	BlackRock (Netherlands) B.V.	on mkt sell	35.23	AUD	ORD	-4,873	-4,873	
06-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,648	3,648	
06-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	35.35	AUD	ORD	27,990	27,990	
06-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.33	AUD	ORD	5,673	5,673	
06-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.40	AUD	ORD	5,092	5,092	
07-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.71	AUD	ORD	7,142	7,142	
07-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.72	AUD	ORD	1,739	1,739	
07-Oct-20	BlackRock Investment Management	on mkt buy	35.72	AUD	ORD	1,047	1,047	
07-Oct-20	(Australia) Limited  BlackRock Investment Management	on mkt buy	35.72	AUD	ORD	9,267	9,267	
07-Oct-20	(Australia) Limited BlackRock Investment Management	on mkt buy	35.65	AUD	ORD	536	536	
08-Oct-20	(Australia) Limited BlackRock Investment Management	on mkt buy	36.90	AUD	ORD	2,905	2,905	
08-Oct-20	(Australia) Limited BLACKROCK ADVISORS, LLC	on mkt buy	36.79	AUD	ORD	6,664	6,664	
08-Oct-20	BlackRock Investment Management, LLC	on mkt buy	36.79	AUD	ORD	1,265	1,265	
08-Oct-20	BlackRock Investment Management, LLC	on mkt buy	36.79	AUD	ORD	8,745	8,745	
	BlackRock Investment Management (UK)	on mkt sell	36.90	AUD	ORD	-837	-837	
	Limited  BlackRock Investment Management, LLC	on mkt sell	36.90	AUD	ORD	-649	-649	
	DI ACKDOOK ADVIOODO LLO	1.11	07.00	ALID	000	40.000	40.000	
	BLACKROCK ADVISORS, LLC BlackRock Investment Management, LLC	on mkt buy on mkt buy	37.06 37.06	AUD AUD	ORD ORD	12,926 2,454	12,926 2,454	
09-Oct-20	BlackRock Investment Management, LLC	on mkt buy	37.06	AUD	ORD	16,962	16,962	
09-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	37.06	AUD	ORD	-625	-625	
09-Oct-20	BlackRock Investment Management, LLC	on mkt sell	37.06	AUD	ORD	-603	-603	
09-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.07	AUD	ORD	7,038	7,038	
09-Oct-20	BlackRock Investment Management	on mkt buy	37.07	AUD	ORD	7,433	7,433	
09-Oct-20	(Australia) Limited BlackRock Investment Management	on mkt buy	37.07	AUD	ORD	8,227	8,227	
09-Oct-20	(Australia) Limited BlackRock Investment Management	on mkt buy	37.09	AUD	ORD	611	611	
	(Australia) Limited							
	BLACKROCK ADVISORS, LLC	on mkt buy	37.87	AUD	ORD	28,320	28,320	
12-Oct-20	BlackRock Investment Management, LLC	on mkt buy	37.87	AUD	ORD	5,378	5,378	
	BlackRock Investment Management, LLC		37.87	AUD	ORD	37,164	37,164	
12-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.04	AUD	ORD	12,864	12,864	
12-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.04	AUD	ORD	536	536	
13-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.53	AUD	ORD	2,322	2,322	
13-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	38.54	AUD	ORD	-934	-934	
13-Oct-20	BlackRock Investment Management, LLC	on mkt sell	38.54	AUD	ORD	-711	-711	
14-Oct-20	BlackRock Investment Management, LLC	on mkt buy	38.96	AUD	ORD	9,218	9,218	
14-Oct-20	BlackRock Investment Management	on mkt buy	39.37	AUD	ORD	9,983	9,983	
50. 20	(Australia) Limited							

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Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected	
14-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.37	AUD	ORD	12,181	12,181	
14-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.37	AUD	ORD	5,222	5,222	
14-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.40	AUD	ORD	856	856	

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This is Annexure B of 5 pages referred to in form 604 Notice of change of interests of substantial shareholder

**Annexure B** 

16-Oct-20 Maria Tricarico, Date **Authorised Signatory** 

# 4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		number of rities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	15,285	15,285	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	107,598	107,598	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	977	977	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	27,378	27,378	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		nd number of curities	Person's votes	Nature of Association
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	13,190	13,190	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,669,711	1,669,711	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS, LLC	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,052,229	1,052,229	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	16,651	16,651	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	159	159	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,471	1,471	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST CO CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	42,434	42,434	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	29,221	29,221	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,190,622	1,190,622	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		I number of urities	Person's votes	Nature of Association
BlackRock Institutional	BNYM-THE BANK OF		Power to control the exercise of a right to vote attached to	ORD	42,468	42,468	Subsidiary of
Trust Company, National Association	NEW YORK		securities and/or the power to dispose of securities as investment manager or trustee.				BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4,416	4,416	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	819,004	819,004	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	41,356	41,356	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	268	268	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,007	1,007	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	15,710	15,710	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	HSBC-HSBC SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	213,732	213,732	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	466,452	466,452	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		I number of urities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	480,090	480,090	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	64,034	64,034	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	SSB-STATE STREET SINGAPORE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,846	5,846	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	36,976	36,976	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	465,943	465,943	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	49,477	49,477	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK INTERNATIONAL PLC (LUXEMBOURG BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	11,057	11,057	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	69,660	69,660	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	81,150	81,150	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		d number of curities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN FRANKFURT		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	14,640	14,640	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	101	101	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	91,389	91,389	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SEB-SKANDINAVISKA ENSKILDA BANKEN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	320,272	320,272	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,526,021	2,526,021	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	45,635	45,635	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	6,241	6,241	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ORD	8,724	8,724	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	ORD	537,983	537,983	Subsidiary of BlackRock, Inc.

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This is Annexure C of 1 page referred to in form 604 Notice of change of interests of substantial shareholder

Maria Tricarico, Date
Authorised Signatory

# 7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States

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