FAX COVER SHEET

TO	ASX
COMPANY	ASX
FAXNUMBER	61293470005
FROM	
DATE	2020-03-02 03:35:30 GMT
RE	Major Holdings Notification

COVER MESSAGE

Any questions please call Long Path's CFO JP Adams At 001- 347-861-5604

603 GUIDE page 1/1 13 March 2000

Form 603

Corporations Act 2001 Section 671B

Notice of initial substantial holder

To Company Name/Scheme	Hansen Technologies Limited
ACN/ARSN	090 996 455
1. Details of substantial holder (1)	
Name	Long Path Partners, L.P., Long Path Smaller Companies Master Fund, Ltd. and Long Path Partners Master Fund, Ltd.
ACN/ARSN (if applicable)	N/A

2. Details of voting power

The holder became a substantial holder on

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:

28/02/2020

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Fully paid ordinary shares	9,921,049	9,921,049	5.01% of 197,973,817

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
Long Path Partners, L.P.	Taken under sections 608(1)(b) and 608(1)(c) of the Corporations Act to have a relevant interest in securities held by the Long Path Smaller Companies Master Fund, Ltd. and the Long Path Partners Master Fund, Ltd. as discretionary investment manager of those funds.	9,921,049 ordinary shares
Long Path Smaller Companies Master Fund, Ltd.	Beneficial owner of securities with disposal and voting power under sections 608(1)(b) and 608(1)(c) of the Corporations Act.	5,296,571 ordinary shares
Long Path Partners Master Fund, Ltd.	Beneficial owner of securities with disposal and voting power under sections (608(1)(b) and 608(1)(c) of the Corporations Act.	4,624,478 ordinary shares

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)	Class and number of securities
Long Path Partners, L.P.	The Northern Trust Company	Long Path Smaller Companies Master Fund, Ltd. and Long Path Partners Master Fund, Ltd.	9,921,049 ordinary shares
Long Path Smaller Companies	The Northern Trust Company	Long Path Smaller Companies	5,296,571 ordinary
Master Fund, Ltd.		Master Fund, Ltd.	shares
Long Path Partners Master	The Northern Trust Company	Long Path Partners Master Fund,	4,624,478 ordinary
Fund, Ltd.		Ltd.	shares

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 ME_168209114_4

became a substantial holder is as follows:

Holder of relevant	Date of acquisition	Consideration (9)		Class and number of securities
interest		Cash	Non-cash	
As set out in Annexure A	As set out in Annexure A	As set out in Ann	AYEIRA A	As set out in Annexure A

6. Associates

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

Name and ACN/ARSN (if applicable)	Nature of association
	An associate of Long Path Partners Master Fund Ltd as an investment fund under common management with Long Path Partners Master Fund, Ltd.
Long Path Partners Master Fund, Ltd.	An associate of Long Path Smaller Companies Master Fund, Ltd as an investment fund under common management with Long Path Smaller Companies Master Fund, Ltd.

7. Addresses

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

Name	Address
Long Path Partners, L.P.	4 Landmark Square, Unit 301 Stamford, CT 06901
Long Path Smaller Companies Master Fund, Ltd.	4 Landmark Square, Unit 301 Stamford, CT 06901
Long Path Partners Master Fund, Ltd.	4 Landmark Square, Unit 301 Stamford, CT 06901

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print name	John Patrick Adams	capacity	CFO
sign here	John Potette Adams.	date	March 2 nd , 2020

ANNEXURE A

Holder of relevant interest	Date of acquisition	Consideration	Class and number of securities
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund. Ltd.	28/10/2019	\$169,338.62	50,000 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	29/10/2019	\$26,307.42	7,756 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund Ltd.	30/10/2019	\$315,060.83	92,244 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	31/10/2019	\$466,245.55	136,817 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	01/11/2019	\$83,632.78	24,004 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund. Ltd.	04/11/2019	\$160,667.31	45,703 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund. Ltd.	05/11/2019	\$64,172.20	18,297 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	06/11/2019	\$97,470.70	27,858 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund. Ltd.	07/11/2019	\$112,853.97	32,275 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund. Ltd.	08/11/2019	\$143,781.12	40,867 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	15/11/2019	\$30,819.58	9,063 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund Ltd.	18/11/2019	\$14,868.91	4,370 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	19/11/2019	\$38,973.63	11,446 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	20/11/2019	\$31,139.12	9,154 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	22/11/2019	\$1,699.14	499 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	22/11/2019	\$302,051.64	87,664 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	25/11/2019	\$42,299.36	12,336 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund Ltd.	25/11/2019	\$10,508.14	3,086 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	25/11/2019	\$126,236.99	36,882 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	26/11/2019	\$72,494.09	21,192 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	26/11/2019	\$963.64	283 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	27/11/2019	\$211,428.43	62,099 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	27/11/2019	\$142,842.00	41,926 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	02/12/2019	\$12,869.04	3,670 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	03/12/2019	\$55,124.59	15,789 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	04/12/2019	\$171,363.89	50,595 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	05/12/2019	\$706,434.61	209,946 ordinary shares
Long Path Partners, L.P. and Long	05/12/2019	\$57,552.28	17,103 ordinary shares

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Holder of relevant interest	Date of acquisition	Consideration	Class and number of securities
Path Smaller Companies Master			
Fund, Ltd. Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	06/12/2019	\$24,421.82	7,181 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	30/12/2019	\$68,625.27	19,127 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	31/12/2019	\$67,933.23	18,780 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	20/01/2020	\$201,195.73	2,314 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	21/01/2020	\$45,861.71	12,918 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	22/01/2020	\$8,459.27	2,381 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	28/01/2020	\$9,894.47	2,783 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	29/01/2020	\$502,047.37	138,863 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	30/01/2020	\$189,203.64	52,526 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	31/01/2020	\$49,090.05	13,621 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	03/02/2020	\$15,291.55	4,242 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	04/02/2020 05/02/2020	\$59,697.13	16,560 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long		\$1,196.92	332 ordinary shares
Path Smaller Companies Master Fund, Ltd.	06/02/2020	\$42,323.17	11,784 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long		\$26,230.32 \$36,237.22	7,285 ordinary shares 10,062 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	11/02/2020	\$12,554.23	3,484 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	11/02/2020	\$4,817.47	1,355 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	24/02/2020	\$82,901,18	23,104 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	24/02/2020	\$43,197.53	12.238 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	24/02/2020	\$3,694.53	1,054 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	25/02/2020	\$34,532.28	10,008 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	25/02/2020	\$74,618.99	21,350 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	26/02/2020	\$185,967.04	53,630 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	26/02/2020	\$43,301.51	12,544 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	27/02/2020	\$69,105.64	20,007 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	27/02/2020	\$32,665.42	9,497 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	28/10/2019	\$169,338.62	50,000 ordinary shares
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Holder of relevant interest	Date of acquisition	Consideration	Class and number of securities
Path Smaller Companies Master Fund, Ltd.			
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund. Ltd.	29/10/2019	\$26,307.42	7,756 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	30/10/2019	\$315,060.83	92,244 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	31/10/2019	\$466,245.55	136,817 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	01/11/2019	\$83,632.78	24,004 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	04/11/2019	\$160,667.31	45,703 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	05/11/2019	\$64,172.20	18,297 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	06/11/2019	\$97,470.70	27,858 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	07/11/2019	\$112,853.97	32,275 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	08/11/2019	\$143,781.12	40,867 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	15/11/2019	\$30,819.58	9,063 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	18/11/2019	\$14,868.91	4,370 ordinary shares
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Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	22/11/2019	\$302,051.64	87,664 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.		\$42,299.36	12,336 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.		\$10,508.14	3,086 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	25/11/2019	\$126,236.99	36,882 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	26/11/2019	\$72,494.09	21,192 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	26/11/2019	\$963.64	283 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	27/11/2019	\$211,428.43	62,099 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	27/11/2019	\$142,842.00	41,926 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	02/12/2019	\$12,869.04	3.670 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	03/12/2019	\$55,124.59	15,789 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	04/12/2019	\$171,363.89	50,595 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	05/12/2019	\$706,434.61	209,946 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	05/12/2019	\$57,552.28	17,103 ordinary shares
Long Path Partners, L.P. and Long	06/12/2019	\$24,421.82	7,181 ordinary shares

Holder of relevant interest	Date of acquisition	Consideration	Class and number of securities
Path Smaller Companies Master Fund. Ltd.			
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund. Ltd.	30/12/2019	\$68,625.27	19,127 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	31/12/2019	\$67,933.23	18,780 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	20/01/2020	\$201,195.73	2,314 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	21/01/2020	\$45,861.71	12,918 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	22/01/2020	\$8,459.27	2,381 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	28/01/2020	\$9,894.47	2,783 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	29/01/2020	\$502,047.37	138,863 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	30/01/2020	\$189,203.64	52,526 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	31/01/2020	\$49,090.05	13,621 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	03/02/2020	\$15,291.55	4,242 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	04/02/2020	\$59,697.13	16,560 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd.	05/02/2020 06/02/2020	\$1,196.92	332 ordinary shares 11,784 ordinary shares
Long Path Partners, L.P. and Long Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long			•
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	07/02/2020 10/02/2020	\$26,230.32	7,285 ordinary shares 10,062 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long		\$36,237.22 \$12,554.23	3,484 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	11/02/2020	\$4,817.47	1,355 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	24/02/2020	\$82,901.18	23.104 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	24/02/2020	\$43,197.53	12,238 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	24/02/2020	\$3,694.53	1,054 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	25/02/2020	\$34,532.28	10,008 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	25/02/2020	\$74,618.99	21,350 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	26/02/2020	\$185,967.04	53,630 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	26/02/2020	\$43,301.51	12,544 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	27/02/2020	\$69,105.64	20,007 ordinary shares
Path Smaller Companies Master Fund, Ltd. Long Path Partners, L.P. and Long	27/02/2020	\$32,665.42	9,497 ordinary shares
Path Smaller Companies Master Fund, Ltd.	04/44/2040	C447 202 42	440 720 andir ab
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	01/11/2019	\$417,393.13 \$243,936.84	119,739 ordinary shares 69,979 ordinary shares
Path Partners Master Fund, Ltd. ME_168209114_4	0.7172019	ψ240,000.04	55,57 5 Ordinally States

Holder of relevant interest	Date of acquisition	Consideration	Class and number of securities
Long Path Partners, L.P. and Long	04/11/2019	\$369,322.21	105,004 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	04/11/2019	\$215,844.78	61,368 ordinary shares
Long Path Partners, L.P. and Long	05/11/2019	\$147,515.02	42,039 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	05/11/2019	\$86,212.72	24,569 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	06/11/2019	\$224,058.58	64,006 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	06/11/2019	\$130,946.47	37,407 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	07/11/2019	\$259,412.08	74,152 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	07/11/2019	\$151,605.92	43,336 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	08/11/2019	\$330,502.29	93,892 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	08/11/2019	\$193,154.39	54,873 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	13/11/2019	\$99,890.60	28,458 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	13/11/2019	\$60,977.56	17,372 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	14/11/2019	\$258,285.30	73,904 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	14/11/2019	\$157,671.32	45,115 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	15/11/2019	\$94,689.16	27,831 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	15/11/2019	\$57,686.15	16,989 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	18/11/2019	\$45,680.89	13,419 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	18/11/2019	\$27,887.16	8,192 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	19/11/2019	\$119,745.50	35,150 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	19/11/2019	\$73,097.55	21,457 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	20/11/2019	\$95,672.78	28,111 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	20/11/2019	\$58,402.23	17,160 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	21/11/2019	\$354,922.69	101,288 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	21/11/2019	\$216,665.16	61,832 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	22/11/2019	\$2,613.02	767 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	22/11/2019	\$1,594.38	468 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	25/11/2019	\$127,583.87	37,258 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	25/11/2019	\$77,886.50	22,745 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	26/11/2019	\$72,697.99	21,241 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	26/11/2019	\$44,376.55	12,966 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	27/11/2019	\$143,240.55	42,022 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	27/11/2019	\$87,443.48	25,653 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	02/12/2019	\$10,021.05	2,878 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	02/12/2019	\$14,720.83	4,196 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	03/12/2019	\$63,053.45	18,051 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	03/12/2019	\$110,460.30	31,710 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	04/12/2019	\$196,010.48	57,843 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	05/12/2019	\$8,527.90	2,533 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	05/12/2019	\$33,599.87	9,980 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	05/12/2019	\$808,018.53	240,016 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	06/12/2019	\$3,616.96	1,063 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	06/12/2019	\$3,399.18	999 ordinary shares
Long rau rainers, L.F. and Long	1 00/12/2010	90,000.10	Jou Granary Shales

Holder of relevant interest	Date of acquisition	Consideration	Class and number of securities
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	06/12/2019	\$109,418.78	31,822 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	11/12/2019	\$103,496.10	29,763 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	13/12/2019	\$10,333.75	2,969 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	15/01/2020	\$78,835.87	21,860 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	15/01/2020	\$17,815.61	4,940 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	16/01/2020	\$87,394.54	24,298 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	16/01/2020	\$201,195.73	55,080 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	16/01/2020	\$76,647.37	21,310 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	17/01/2020	\$103,160.79	28,628 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	17/01/2020	\$90,469.29	25,106 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	20/01/2020	\$3,223.65	907 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	20/01/2020	\$2,829.14	796 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	21/01/2020	\$17,987.27	5,064 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd. Path Partners Master Fund, Ltd.	21/01/2020	\$15,774.39	4,441 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	22/01/2020	\$3,316.44	933 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	22/01/2020	\$2,911,21	819 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	24/01/2020	\$106,045.34	29,467 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	24/01/2020	\$95,148.22	26,439 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	28/01/2020	\$3,108.91	874 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	28/01/2020	\$2,770.98	779 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	29/01/2020	\$136,079.82	37,620 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	29/01/2020	\$121,238.36	33,517 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	30/01/2020	\$17,179,76	4,767 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	30/01/2020	\$15,309.34	4,248 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	31/01/2020	\$4,456.77	1,236 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	31/01/2020	\$3,969.98	1,101 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	03/02/2020	\$1,388.54	385 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	03/02/2020	\$1,237.06	343 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	04/02/2020	\$5,420.87	1,503 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	04/02/2020	\$4,829.37	1,339 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	05/02/2020	\$104.60	29 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	05/02/2020	\$97.38	27 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	06/02/2020	\$3,841.32	1,069 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	06/02/2020	\$3,424.49	953 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	07/02/2020	\$2,381.18	661 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	07/02/2020	\$2,121.81	589 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	10/02/2020	\$3,289.72	913 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	10/02/2020	\$2,932.99	814 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	11/02/2020	\$1,139.24	316 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	11/02/2020	\$1,735.86	488 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	11/02/2020	\$1,016.67	282 ordinary shares

Holder of relevant interest	Date of acquisition	Consideration	Class and number of securities
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	11/02/2020	\$1,543.78	434 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	24/02/2020	\$1,329.15	379 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	24/02/2020	\$15,552.94	4,404 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	24/02/2020	\$7,538.93	2,100 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	24/02/2020	\$1,185.37	338 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	24/02/2020	\$13,861.33	3,925 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	24/02/2020	\$6,706.06	1,868 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	25/02/2020	\$42,948.66	12,249 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	25/02/2020	\$12,653.38	3,665 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	25/02/2020	\$1,595.91	463 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	25/02/2020	\$34,221.48	9,760 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	25/02/2020	\$11,054.88	3,202 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd.	25/02/2020	\$1,392.54	404 ordinary shares
Long Path Partners, L.P. and Long Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	26/02/2020 26/02/2020	\$35,425.28 \$16,888,56	10,211 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	26/02/2020	\$30,977.60	4,890 ordinary shares 8,929 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	26/02/2020	\$14,768.00	4,276 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	27/02/2020	\$13,163.13	3,809 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	27/02/2020	\$12,739,58	3,702 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	27/02/2020	\$12,739.50	3,331 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	27/02/2020	\$11,142.83	3,238 ordinary shares
Path Partners Master Fund, Ltd. Long Path Partners, L.P. and Long	28/02/2020	\$214,561.04	66,256 ordinary shares
Path Partners Master Fund, Ltd.	2010212020	₩	00,200 ofulliary stidles