### CORPORATE SUBSTANTIAL SHAREHOLDER NOTICE

## Notice pursuant to s. 324 of Part XV of the Securities and Futures Ordinance (Cap. 571)

Form for use by a corporation giving notice of:

- (i) First acquiring an interest in 5% or more of the shares of a listed corporation (I.e. first becoming a substantial shareholder);
- (ii) Changes in the percentage level, or nature, of its interest or its short position in such shares; and
- (iii) Ceasing to have an interest of 5% in such shares (complete Boxes 1 to 19 and 27 only).

# This Form must be completed in accordance with the directions and instructions in the Notes to Form 2.

HSBC Holdings Plc		
2. Stock code	5	4. Number of issued shares in class
3. Class of shares	H Shares	17,706,930,400

5. Name of substantial shareholder	8. Business registration number	
Blackrock, Inc.	N/A	
一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一	9. Place of incorporation	Certificate of Incorporation No.
The second secon	New York, USA	N/A870
6. Registered office	10. Contact person	
40 East 52nd Street, New York, 10022, USA.	Stuart Watchorn	
	11. Daytime tel. No.	12. e-mail address
	00442077435741	stuart.watchorn@blackrock.com
7. Principal place of business in Hong Kong	13. Exchange on which listed	
N/A	New York Stock Exchange	
	14. Name of listed parent and exchange on which parent is listed	which parent is listed
T. Barre of S. Marian and S.		

#### 15. Date of relevant event

(year)	(month)	(day)
2011	05	03

#### 16. Date when the substantial shareholder became aware of the relevant event/ interest in the shares (if later)

(day)	04
(month)	05
(year)	2011

#### 17. Details of relevant event

						- Select -	- Gelect -	- Oelect -	olloit position
						Select	Coloct	Colort	0
301				HKD   ►	5,986,141 HKD	205	205	103	Long position
(000 : 0000 0)	Š					event	event		
(see Table 3)	share	o di	o c			After relevant	Before relevant	(see Table 1)	
Code	consideration per Code	share share share	share		involved	F1	(see Table 2)	circumstances	
Consideration	Average	Average price per	Highest price per	transaction	bought/sold or	eid	snares were/are neic	code describing	
Off Exchange	Off Ex	On Exchange	On E	Currency of	es	apacity in which	Code describing capacity in which	evines.	

#### 18. Total shares immediately before the relevant event

	Total number of shares	Percentage figure (%)
Long position	1,062,194,018	5.99
Short position	14,776,091	0.08
Lending pool		The second of th

#### 19. Total shares immediately after the relevant event

	Total number of shares	Percentage figure (%)
Long position	1,068,180,159	6.03
Short position	19,723,547	0.11
Lending pool		A STATE OF THE STATE OF

### 20. Capacity in which interests disclosed in Box 19 are held

Code describing capacity	Number of shares	of shares
(see Table 2)	Long position	Short position
205	1,068,180,159	19,723,547
- Select -	WHEN STEEDING ARTS THE	
- Select -		
- Select -	A SE IS WAS EIT	The second pages of the second
- Select -	and the samples are the	THE PERSON NAMED IN COLUMN

#### 21. Further information in respect of derivative interests

Code describing derivatives	Number	Number of shares
(see Table 4)	Long position	Short position
401	12,263,850	325,000
401		1,961,300
-Select -		
-Select -		
- Select -		

## 22. Further information in relation to interests of corporations controlled by substantial shareholder

Name of controlled	Address and place of incorporation	Name of controlling	%	Direct	Number of shares	shares
corporation	המפורטט מוומ קומטט כו וווסטוקטומוטוו	shareholder	control	(Y/N)	Long position	Short Position
Trident Merger, LLC	1209 Orange Street, Wilmington DE 19801, United States	Blackrock Inc.	100.00 N	z	26,092,484	
BlackRock Investment Management, LLC.	800 Scudders Mill Road, Plainsboro NJ 08536, U.S.A	Trident Merger, LLC	100.00 Y	~	26,092,484	
BlackRock Holdco 2 Inc.	1209 Orange Street, Wilmington DE 19801, United States	Blackrock Inc.	100.00 N	Z	1,042,087,675	19,723,547
BlackRock Financial Management, Inc.	40 East 52nd Street, New York NY 10022, United States BlackRock Holdco 2 Inc.	BlackRock Holdco 2 Inc.	100.00 Y	~	1,042,087,675	19,723,547
BlackRock Holdco 4 LLC	40 East 52nd Street, New York, 10022, United States	BlackRock Financial Management, Inc.	100.00	Z	376,967,477	
BlackRock Holdco 6 LLC	40 East 52nd Street, New York, 10022, United States	BlackRock Holdco 4 LLC	100.00	Z	376,967,477	
BlackRock Delaware Holdings, Inc.	c/o The Corporation Trust Company, 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States	BlackRock Holdco 6 LLC	100.00	z	376,967,477	
BlackRock Institutional Trust Company, N.A.	400 Howard St, San Francisco, CA, 94105-2618	BlackRock Delaware Holdings, Inc.	100.00 Y	~	376,967,477	

# 23. Further information in relation to interests held by substantial shareholder jointly with another person

	j	Name of joint shareholder Address
		Address
	Long position	Number of shares
	Short Position	of shares

Name of Trust 24. Further information from a trustee, or beneficiary of a trust, or a founder of a Discretionary Trust Address Status Code (see Table 5) - Select - Select -- Select -1 Long position Number of shares Short position

25. Further information from a party to an agreement under Section 317 (Please see Notes for further information required)

Names of other parties	Address	Number of shares
		The second secon
Estate Transfer	The state of the s	
	Manager State of the Same and t	
Total number of shares in w	Total number of shares in which substantial shareholder is interested under section 317 and 318	The second secon

26. Details of person(s) in accordance with whose directions the substantial shareholder or its directors are accustomed to act

Names	Address	Relationship Code (see Table 6)	Percentage (%)
	The state of the s	-Select -	The section of
	THE COUNTY OF THE PROPERTY OF	- Select -	
		- Select -	

27. Date of filing this Form 2

(year)	(month)	(day)
2011	05	05

28. Number of continuation sheets

29. Number of attachments

1	-1	
1	1	
1	-	
	-	-
_	ı	

Form 2.

22. Further information in relation to interests of corporations controlled by substantial shareholder

Abdress and place of incorporation and Rock International Form and Advisors Howard Street, San Francisco, CA 94105, United State BlackRock Institutional Tru 100 Y 8540737  BackRock Advisors Holding 40 East S2nd Street, New York, 10022, United States BlackRock Advisors Holding 40 East S2nd Street, New York, 10022, United States BlackRock Advisors Holding 40 East S2nd Street, New York, 10022, United States BlackRock Advisors Holding 40 East S2nd Street, New York, 10022, United States BlackRock Advisors Holding 40 East S2nd Street, New York, NY 10022, USA BlackRock Advisors Holding 100 Periterve Parkway, Wilmington DE 19809, United BlackRock Advisors, LLC. 100 Beltevue Parkway, Wilmington DE 19809, United BlackRock Advisors, LLC. 100 N 240382  BlackRock Institutional Mar 100 Beltevue Parkway, Wilmington DE 19809, United BlackRock Advisors, Holding 100 N 240382  BlackRock Institutional Hold 40 East S2nd Street, New York, 10022, United States BlackRock Advisors Holding 100 N 262338235 17762247  R Jersey International II-P Forum House, Grenville Street, St. Heller, JET 0RR, J BlackRock International I-D 100 N 623338235 17762247  R Jersey International II-P Forum House, Grenville Street, St. Heller, JET 0RR, J BlackRock International I-D 100 N 623338235 17762247  BlackRock (Institutional) C 250 Yorge Street, Suite 2500, Toronto, Ontario MSJ 251 BlackRock Holdings Canac 100 V 5198830  BlackRock (Institutional) C 260 Yorge Street, Suite 2500, Toronto, Ontario MSJ 251 BlackRock Holdings Canac 100 V 5198830  BlackRock (Institutional) C 260 Yorge Street, Suite 2500, Toronto, Ontario MSJ 251 BlackRock Holdings Canac 100 V 5198830  BlackRock (Institutional) C 260 Yorge Street, Suite 2500, Toronto, Ontario MSJ 251 BlackRock Holdings Canac 100 V 5198830  BlackRock (Institutional Market Advisors Holdings Canac 100 V 5198830  BlackRock (Institutional Market Advisors Holdings Canac 100 V 5198830  BlackRock (Institutional Market Market Canada Road, Douglas, M11 BlackRock (Institutional Market Market Market Canada Road, Douglas, M1		n relation to interests of corporations controlled by	substantial shareholder		la:	p	
### ### ### ### ### ### ### ### ### ##	Name of controlled	Address and place of incorporation				Number	of shares
InterNetCo Annions Holding of Deart Street New York, 10022, United States BlackStock Prinamatia Name, 100   N. 955788850   19723547   1867000   19723547   1867000   N. 955788500   N. 955788500   19723547   1867000   N. 955788500   N. 95578500   N	corporation		snarenoider	control	The state of the s	Long position	Short position
lack Rook Capital Holdsing of CE and Street, New York, NY 10022, USA         Black Rook Advisors Hotoling         N         27440970         1961300           Lack Rook Advisors, LLC.         110 Seldenue Partney, Wilmington DE 19095, United Black Rook Advisors. Capital Holdsing 100         Y         27440970         1961300           Lack Rook Advisors, LLC.         110 Destination May 170 Seldenue Partney, Wilmington DE 19090, United Black Rook Advisors. LLC.         100         N         240282           Lack Rook Capital Manager 150 Seldenue Partney, Wilmington DE 19090, United Black Rook Advisors Holden 100         N         240282           Lack Rook Capital Manager 150 Seldenue Partney, Wilmington DE 19090, United Black Rook International May 100         N         240282           Lack Rook Capital Manager 150 Seldenue Partney, Wilmington DE 19090, United Black Rook International May 100         N         262322239         17792247           Lack Rook (Institutional DE 2000 Description May 100 Partney International DE 2000 Description May 100 Partney International DE 2000 Description May 2000 Description	BlackRock Fund Advisors	Howard Street, San Francisco, CA 94105, United Stat	BlackRock Institutional Tru	100	Y	85409737	
Back Rock Advisors, LLC.         XV         27446670         1961300           Back Rock Advisors, LLC.         XV         27446670         1961300           Back Rock Institutional Mar 100 Entireure Parkway, Wilmington DE 19800, United Black Rock Advisors, LLC.         XV         240382           Back Rock Capital Manager 100 Entireure Parkway, Wilmington DE 19800, United Black Rock Advisors (LLC.         XV         240382           Back Rock Technisonal Mar 100 Entireure Parkway, Wilmington DE 19800, United Black Rock Advisors (LLC.         XV         240382           Back Rock Technisonal Mar 100 Entireur Parkway, Wilmington DE 19800, United States Black Rock Advisors (LLC.         XV         240382           Back Rock Technisonal Mar 100 Entireur Parkway, Wilmington DE 19800, United States States (Markway) (LINIa) (States States States 2400, Toronto, United States States 1980, Black Rock Advisors (LLC.         XV         240382           Back Rock (Institution) C 200 Yong's Street, State 2400, Toronto, Ornaro Mail 28 Black Rock Advisors (Lace Markway) (LINIa) (States States 2400, Toronto, Ornaro Mail 28 Black Rock Advisors (Lace Markway) (LINIa) (States States 2400, Toronto, Ornaro Mail 28 Black Rock Advisors (Linia) (Linia) (States States 2400, Toronto, Ornaro Mail 28 Black Rock Advisors (Linia)	BlackRock Advisors Holdin	40 East 52nd Street, New York, 10022, United States	BlackRock Financial Mana	100	N	655768905	19723547
lack-Rock Instrutional Mor (100 Bellevue Parkway, Willmiglion DE 1980s, Linked         BlackRock Advisors, LLC. (100         N         240392           lack-Rock Capted Minning         100 Bellevue Parkway, Willmiglion DE 1980s, Linked         Black-Rock Instrutional Mar (100         Y         240392           lack-Rock (Parked Minning)         100 Bellevue Parkway, Willmiglion DE 1980s, Linked         Black-Rock Instrutional Mar (100         Y         240392           lack-Rock (Parked Minning)         100 Bellevue Parkway, Willmiglion DE 1980s, Linked Black-Rock Advisors Holder (100         N         678282235         17762247           R. Jarray International LP Forum House, Groundle Street, Stuffe 2400, Toronto (N M5e 286, SR ) Jarray International LP 100         N         478282235         17762247           Black-Rock (Institutional) C 250 Yonge Street, Sulfe 2400, Toronto (N M5e 286, SR ) Jarray International LP 100         N         51988300           Black-Rock (Parked Minning) L 101 Linke 25th Filor N. No. 95, Tun Hora South Rock 38-clond 2, Toronto CN M5e 286, SR ) Jarray International LP 100         Y         20600           Black-Rock Australia Holdou Level 18, 120 Collins Street, Melbourne VIC 3000, Au SR Jarray International LP 100         N         4343576           Bick-Rock Institutional LP 101 Linke 25th Filor N. No. 95, Stuff Stuff Sock Australia Holdou 100         Y         2017771           Bick-Rock Institutional LP 102 Linke 25th Filor N. Stuff Sock Accepted Parked Society Society Society Society Society S	BlackRock Capital Holding	40 East 52nd Street, New York, NY 10022, USA	BlackRock Advisors Holdin	100	N	27440670	1961300
BackRock Capital Manager   100 Bellevie Partway, Willington DE 1880s, Linked   BlackRock Institutional Mar 100   Y   240392	BlackRock Advisors, LLC.	100 Bellevue Parkway, Wilmington DE 19809, United	BlackRock Capital Holding	100	Υ	27440670	1961300
Incidence   Inci	BlackRock Institutional Man	100 Bellevue Parkway, Wilmington DE 19809, United	BlackRock Advisors, LLC.	100	N	240382	
R Jersey International LP Forum House, Granville Street, St. Heller, JET 08R, J. BlackRock International N-C 100 N 628328238 17782247  IBid-Rock (Institutional) C 280 Yorge Street, Suite 2400, Toronto On Miss 2M6, BR Jersey International LP 100 N 5189930  IBid-Rock Asset Manager 161 Bay Street, Suite 2500, Toronto On Miss 2M6, BR Jersey International LP 100 V 5189930  IBid-Rock Asset Manager 161 Bay Street, Suite 2500, Toronto On Miss 2M6, BR Jersey International LP 100 V 5189930  IBid-Rock (Talwar) Limite 28th Floor, No. 95, Tur Hwa South Road, Section 2, T BR Jersey International LP 100 V 20800  IBid-Rock Asset Manager 161, Talk 120 Collins Street, Militourne VIC 3000, Au BR Jersey International LP 100 N 6361350  IBid-Rock Investment Man Level 43, Grosvenor Place, 225 George Silvert, Sydne BlackRock Australia Holder 100 V 2017771  IBid-Rock Asset Manager Level 43, Grosvenor Place, 225 George Silvert, Sydne BlackRock Australia Holder 100 V 4453579  IBid-Rock Rose Manager Level 43, Grosvenor Place, 225 George Silvert, Sydne BlackRock Australia Holder 100 V 4453579  IBid-Rock Rose Manager Level 43, Grosvenor Place, 225 George Silvert, Sydne BlackRock Australia Holder 100 V 4453579  IBid-Rock (Isle of Man) Holderiga L Bedgravia House, 34-44 Circular Road, Douglas, MH 18R Jersey International LP 100 N 467157  IBid-Rock (Isle of Man) Holderiga Bedgravia House, 34-44 Circular Road, Douglas, MH 18R Jersey International LP 100 V 304294  IBid-Rock (Isle of Man) LE Bedgravia House, 34-44 Circular Road, Douglas, MH 18R Jersey International LP 100 V 304294  IBid-Rock (Isle of Man) LE Bedgravia House, 34-44 Circular Road, Douglas, MH 18R Jersey International LP 100 V 304294  IBid-Rock (Isle of Man) LE Bedgravia House, 34-44 Circular Road, Douglas, MH 18R Jersey International LP 100 V 304294  IBid-Rock (Isle of Man) LE Bedgravia House, 34-44 Circular Road, Douglas, MH 18R Jersey International LP 100 V 304294  IBid-Rock (Isle of Man) LE Bedgravia House, 34-44 Circular Road, Douglas, MH 18R Jersey International LP 100 V 30429	BlackRock Capital Manage	100 Bellevue Parkway, Wilmington DE 19809, United	BlackRock Institutional Mar	100	Υ	240382	
lackRock (Institutional) C 250 Yonge Street, Suite 2400, Toronto ON M58 2M6, BR Jersey International LP 100 N 5198830  lackRock Asset Manager 161 Bay Street, Suite 2500, Toronto, Ontario M51 251 BlackRock Holdings Canac 100 Y 5198830  lackRock (Talwarr) Limite 28th Floor, No. 95, Tun Hwa South Road, Section 2, T BR Jersey International LP 100 Y 20800  lackRock Asset Manager Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 2017771  lackRock Investment Mar Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 2017771  lackRock Asset Manager Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 4343579  LK Isle of Man Holdings L Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (International LP 100 N 457157  lackRock (Isle of Man) HC Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man Holdings L) 100 N 457157  lackRock (Isle of Man) HC Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) HC 100 Y 152863  lackRock Fund Manager Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) HC 100 Y 152863  lackRock Channel Island Forum House, Grenville Street, St. Heller, JE1 ORR, J BR Jersey International LP 100 N 33832022  lackRock Channel Island Forum House, Grenville Street, St. Heller, JE1 ORR, J BR Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Cuay, Grand Car BlackRock Trident Holding 100 N 32832022  lackRock Trident Holding Spirit Tower, 1-7-12 Marunouchi, Chlynde-ku, Tokyo, BlackRock Trident Holding 100 Y 22832022  lackRock (Invertibud Spirit Marunouchi Trust Tower Mein, 4-3 Marunouchi, Chlynde-ku, Tokyo, BlackRock Trident Holding 100 Y 22832022  lackRock (Invertibud Spirit House, Grenville Street, St. Heller, JE1 ORR, Jersey BlackRock Group Limited 100 Y 2173889	BlackRock International Ho	40 East 52nd Street, New York, 10022, United States	BlackRock Advisors Holdin	100	N	628328235	17762247
IBIGAROCK Flawari Limite 28th Floor, No. 95, Tun Hwa South Road, Section 2, T BR Jersey International LP 100 Y 268000  IBIGAROCK (Telwan) Limite 28th Floor, No. 95, Tun Hwa South Road, Section 2, T BR Jersey International LP 100 Y 268000  IBIGAROCK Australia Holdo Level 18, 120 Collins Street, Mellicurne VIC 3000, Au BR Jersey International LP 100 N 6381350  IBIGAROCK Investment Mar Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 26117711  IBIGAROCK Investment Mar Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 26117711  IBIGAROCK Investment Mar Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 4343579  LK Iale of Man Holdings I. Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (International LP 100 N 457157  IBIGAROCK (Isle of Man) HR Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man Holdings I 100 N 457157  IBIGAROCK (Isle of Man) Lil Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 152683  IBIGAROCK (Isle of Man) Lil Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 304284  IBIGAROCK (Isle of Man) Lil Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 304284  IBIGAROCK (Isle of Man) Lil Belgravia House, Greenville Street, St. Heiler, JET 08R, 3 BR Jersey International LP 100 Y 304284  IBIGAROCK Clyon Ltd. On Wilakers SPV Limited, P.O. Bax 9080T, Walter Hc BR Jersey International LP 100 N 32833022  IBIGAROCK Trident Holding Riverside Two, Sir John Rogerson's Clusy, Grand Car BlackRock Trident Holding N 100 N 32833022  IBIGAROCK Trident Holding Riverside Two, Sir John Rogerson's Clusy, Grand Car BlackRock Trident Holding N 100 N 52833022  IBIGAROCK Trident Holding Riverside Two, Sir John Rogerson's Clusy, Grand Car BlackRock Trident Holding N 100 N 52833022  IBIGAROCK Trident Holding Riverside Two, Sir John Rogerson's Clusy, Grand Car BlackRock Trident Holding N 100 N 52		17 STF vicil mention	ed path (		N	628328235	17762247
lackRock (Talwan) Limite 38th Filorr, No. 98, Tun Hwa South Road, Section 2, T SR Jersey International LP 100 Y 20800  lackRock Australia Holdo Level 18, 120 Collins Street, Melbourne VIC 3000, Aur SR Jersey International LP 100 N 6361360  lackRock Investment Mart Level 43, Grosvenor Place, 228 George Street, Sydne BlackRock Australia Holdo 100 Y 2017771  lackRock Asset Managen Level 43, Grosvenor Place, 228 George Street, Sydne BlackRock Australia Holdo 100 Y 4343579  LK Isla of Man Holdrings L Belgravia House, 34-44 Circuliar Road, Douglas, IMT SR Jersey International LP 100 N 457157  lackRock (Isla of Man) Hc Belgravia House, 34-44 Circuliar Road, Douglas, IMT SlackRock (Isla of Man Holdrings L 100 N 457157  lackRock (Isla of Man) Hc Belgravia House, 34-44 Circuliar Road, Douglas, IMT SlackRock (Isla of Man) Hc 100 Y 152863  lackRock (Isla of Man) Lif Belgravia House, 34-44 Circuliar Road, Douglas, IMT SlackRock (Isla of Man) Hc 100 Y 364284  lackRock (Isla of Man) Life Belgravia House, 34-44 Circuliar Road, Douglas, IMT SlackRock (Isla of Man) Hc 100 Y 364284  lackRock (Isla of Man) Life Belgravia House, Grenville Street, St. Heller, JET 09R, J. 8R Jersey International LP 100 Y 364284  lackRock (Isla of Man) Life Belgravia House, Grenville Street, St. Heller, JET 09R, J. 8R Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quey, Grand Card BlackRock Cayco Ltd. 100 N 32832022  lackRock Asset Managen Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyd BlackRock Cayco Ltd. 100 N 682860304 17762247  ackRock (Isla of Man) Hc 100 Route de Trèves, Senningerberg, L-2633, Lusemit BlackRock Group Limited 100 N 70532860	BlackRock (Institutional) Ca	250 Yonge Street, Suite 2400, Toronto ON M5B 2M6,	BR Jersey International LP	100	N	5198930	
lackRock Australia Holdo Level 18, 120 Collins Street, Melbourne VIC 3000, Aur BR Jersey International LP 100 N 6361350  lackRock Investment Mar Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 2017771  lackRock Asset Managers Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 4343679  LK Isle of Man Holdings L Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock Australia Holdo 100 N 457157  lackRock (Isle of Man) HB Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man Holdings L 100 N 457157  lackRock (Isle of Man) HB Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 152863  lackRock (Isle of Man) Lir Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 152863  lackRock (Isle of Man) Lir Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 152863  lackRock (Channel Island Forum House, Grenville Street, St. Heller, JE1 08R, J 8R Jersey International LP 100 Y 497672  lackRock Cayoo Ltd. Co Walkers SPV Limited, P.O. Box 808GT, Walker H 8R Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Trwo, Sir John Rogerson's Quay, Grand Carl BlackRock Cayoo Ltd. 100 N 32832022  lackRock Asset Managen Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Japan Holdings 100 N 32832022  ackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 58283004 17762247  ackRock (Netherlands) B House, Grenville Street, St. Heller, JE1 08R, Jersey BlackRock Group Limited 100 N 70532360	BlackRock Asset Managen	161 Bay Street, Suite 2500, Toronto, Ontario M5J 2S1	BlackRock Holdings Canac	100	Y	5198930	
lackRock Investment Mar Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 2017771  lackRock Asset Manager Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdo 100 Y 4343579  LK Isle of Man Holdings L Belgravia House, 34-44 Circular Road, Douglas, IM1 BR Jersey International LP 100 N 457157  lackRock (Isle of Man) HG Belgravia House, 34-44 Circular Road, Douglas, IM1 BLK Isle of Man Holdings L 100 N 457157  lackRock (Isle of Man) HG Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) HG 100 V 152863  lackRock (Isle of Man) LII Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) HG 100 V 152863  lackRock (Isle of Man) LII Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) HG 100 V 152863  lackRock (Channel Island Forum House, Grenville Street, St. Heller, JE 1 GBR, JER Jersey International LP 100 V 167872  lackRock Cayoo Ltd. Glo Walkers SPV Limited, P.O. Box 908GT, Walker HG BR Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Carl BlackRock Cayoo Ltd. 100 N 32832022  lackRock Asset Managern Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyd BlackRock Japan Holdings 100 Y 32832022  lackRock Asset Managern Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyd BlackRock Japan Holdings 100 Y 32832022  ackRock (Netherlands) B House, Grenville Street, St. Heller, JE 1 GBR, Jersey BlackRock Group Limited 100 N 70532360	BlackRock (Taiwan) Limite	28th Floor, No. 95, Tun Hwa South Road, Section 2, T	BR Jersey International LP	100	Υ	20800	
lackRock Asset Managen Level 43, Grosvenor Place, 225 George Street, Sydne BlackRock Australia Holdor, 100 Y 4343579  LK Isle of Man Holdings L Belgravia House, 34-44 Circular Road, Douglas, IM1 BR Jersey International LP 100 N 457157  lackRock (Isle of Man) Hd Belgravia House, 34-44 Circular Road, Douglas, IM1 BLK Isle of Man Holdings L 100 N 457157  lackRock Fund Managens Belgravia House, 34-44 Circular Road, Douglas, IM1 BLK Isle of Man Holdings L 100 N 152863  lackRock (Isle of Man) Lif Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hd 100 Y 152863  lackRock (Isle of Man) Lif Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hd 100 Y 304294  lackRock (Channel Island Forum House, Grenville Street, St. Heiler, JE1 OBR, J6R Jersey International LP 100 Y 497672  lackRock Cayco Ltd. c/o Walkers SPV Limited, P.O. Box 908GT, Walker H BR Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Can BlackRock Cayco Ltd. 100 N 32832022  lackRock Japan Holdings Sapia Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Trident Holding 100 N 32832022  lackRock Asset Managen Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyof BlackRock Japan Holdings 100 Y 32832022  ackRock Group Limited 33 King William Street, London ECAR 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  ackRock (Netherfands) B House, Grenville Street, St. Heiler, JE1 OBR, Jersey BlackRock Group Limited 100 N 70532360	BlackRock Australia Holdon	Level 18, 120 Collins Street, Melbourne VIC 3000, Au	BR Jersey International LP	100	N	6361350	
LK Isle of Man Holdings L Belgravia House, 34-44 Circular Road, Douglas, IM1 BR Jersey International LP 100 N 457157  lackRock (Isle of Man) Hc Belgravia House, 34-44 Circular Road, Douglas, IM1 BLK Isle of Man Holdings L 100 N 457157  lackRock Fund Managers Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 152863  lackRock (Isle of Man) Lir Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 304294  lackRock (Isle of Man) Lir Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 497672  lackRock (Channel Island Forum House, Grenville Street, St. Heller, JE1 OBR, J BR Jersey International LP 100 Y 497672  lackRock Cayco Ltd. oło Walkers SPV Limited, P.O. Box 908GT, Walker H BR Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Can BlackRock Cayco Ltd. 100 N 32832022  lackRock Japan Holdings Sapla Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Japan Holdings 100 N 32832022  lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582980304 17762247  ackRock (Netherlands) B House, Grenville Street, St. Heller, JE1 OBR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock (Netherlands) B House, Grenville Street, St. Heller, JE1 OBR, Jersey BlackRock Group Limited 100 N 70533280	BlackRock Investment Man	Level 43, Grosvenor Place, 225 George Street, Sydne	BlackRock Australia Holdco	100	Y	2017771	
lackRock (Isle of Man) Hc Belgravia House, 34-44 Circular Road, Douglas, IM1 BLK Isle of Man Holdings L 100 N 457157  lackRock Fund Managers Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 152863  lackRock (Isle of Man) Lir Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 304294  lackRock (Isle of Man) Lir Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 304294  lackRock (Channel Island Forum House, Grenville Street, St. Helier, JE1 0BR, J BR Jersey International LP 100 Y 497672  lackRock Cayco Ltd. C/o Walkers SPV Limited, P.O. Box 908GT, Walker Hc BR Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Can BlackRock Cayco Ltd. 100 N 32832022  lackRock Japan Holdings Sapia Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Trident Holding 100 N 32832022  lackRock Asset Managen Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyo BlackRock Japan Holdings 100 Y 32832022  lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  ackRock (Netherlands) B House, Grenville Street, St. Heller, JE1 0BR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hc 6D, Route de Trèves, Senningerberg, L-2633, Luxemt BlackRock Group Limited 100 N 70532360	BlackRock Asset Managem	Level 43, Grosvenor Place, 225 George Street, Sydne	BlackRock Australia Holdco	100	Υ	4343579	16
lackRock Fund Managers Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 152863  lackRock (Isle of Man) Lir Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 304294  lackRock (Channel Island Forum House, Grenville Street, St. Heller, JE1 OBR, J BR Jersey International LP 100 Y 497672  lackRock Cayco Ltd. Clo Walkers SPV Limited, P.O. Box 908GT, Walker Hd BR Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Can BlackRock Cayco Ltd. 100 N 32832022  lackRock Japan Holdings Sapia Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Trident Holding 100 N 32832022  lackRock Asset Manageri Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyo BlackRock Japan Holdings 100 Y 32832022  lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  ackRock (Netherlands) B House, Grenville Street, St. Heller, JE1 OBR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hd SD, Route de Trèves, Senningerberg, L-2633, Luxemb BlackRock Group Limited 100 N 70532360	BLK Isle of Man Holdings L	Belgravia House, 34-44 Circular Road, Douglas, IM1	BR Jersey International LP	100	N	457157	
lackRock (Isle of Man) Lir Belgravia House, 34-44 Circular Road, Douglas, IM1 BlackRock (Isle of Man) Hc 100 Y 304294  lackRock (Channel Island Forum House, Grenville Street, St. Heller, JE1 0BR, J BR Jersey International LP 100 Y 497672  lackRock Cayco Ltd. c'o Walkers SPV Limited, P.O. Box 908GT, Walker Hc BR Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Can BlackRock Cayco Ltd. 100 N 32832022  lackRock Japan Holdings Sapia Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo. BlackRock Trident Holding 100 N 32832022  lackRock Asset Managen Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyd BlackRock Japan Holdings 100 Y 32832022  lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  ackRock (Netherlands) B House, Grenville Street, St. Heller, JE1 0BR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hc 6D, Route de Trèves, Senningerberg, L-2633, Luxemb BlackRock Group Limited 100 N 70532360	BlackRock (Isle of Man) Ho	Belgravia House, 34-44 Circular Road, Douglas, IM1	BLK Isle of Man Holdings L	100	N	457157	
lackRock (Channel Island Forum House, Grenville Street, St. Helier, JE1 0BR, Jensey International LP 100 Y 497672  lackRock Cayco Ltd. c/o Walkers SPV Limited, P.O. Box 908GT, Walker Helb R Jensey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Can BlackRock Cayco Ltd. 100 N 32832022  lackRock Japan Holdings Sapia Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Trident Holding 100 N 32832022  lackRock Asset Manageri Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyof BlackRock Japan Holdings 100 Y 32832022  lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jensey International LP 100 N 582960304 17762247  lackRock (Netherlands) B House, Grenville Street, St. Heller, JE1 0BR, Jensey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hd 6D, Route de Trèves, Senningerberg, L-2633, Luxemit BlackRock Group Limited 100 N 70532360	BlackRock Fund Managers	Belgravia House, 34-44 Circular Road, Douglas, IM1	BlackRock (Isle of Man) Ho	100	Υ	152863	
lackRock Cayco Ltd. c/o Walkers SPV Limited, P.O. Box 908GT, Walker H. BR Jersey International LP 100 N 32832022  lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Can BlackRock Cayco Ltd. 100 N 32832022  lackRock Japan Holdings Sapla Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Trident Holding 100 N 32832022  lackRock Asset Managen Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyo BlackRock Japan Holdings 100 Y 32832022  lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  ackRock (Netherlands) B House, Grenville Street, St. Helier, JE1 0BR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hc 6D, Route de Trèves, Senningerberg, L-2633, Luxemt BlackRock Group Limited 100 N 70532360	BlackRock (Isle of Man) Lir	Belgravia House, 34-44 Circular Road, Douglas, IM1	BlackRock (Isle of Man) Ho	100	Y	304294	
lackRock Trident Holding Riverside Two, Sir John Rogerson's Quay, Grand Can BlackRock Cayco Ltd. 100 N 32832022  lackRock Japan Holdings Sapia Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Trident Holding 100 N 32832022  lackRock Asset Managem Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyo BlackRock Japan Holdings 100 Y 32832022  ackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  ackRock (Netherlands) B House, Grenville Street, St. Helier, JE1 0BR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hc 6D, Route de Trèves, Senningerberg, L-2633, Luxemb BlackRock Group Limited 100 N 70532360	BlackRock (Channel Island	Forum House, Grenville Street, St. Helier, JE1 0BR, Ji	BR Jersey International LP	100	Υ	497672	
lackRock Japan Holdings Sapia Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo, BlackRock Trident Holding 100 N 32832022  lackRock Asset Managen Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyo BlackRock Japan Holdings 100 Y 32832022  lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  lackRock (Netherlands) B House, Grenville Street, St. Heller, JE1 0BR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hc 6D, Route de Trèves, Senningerberg, L-2633, Luxemt BlackRock Group Limited 100 N 70532360	BlackRock Cayco Ltd.	c/o Walkers SPV Limited, P.O. Box 908GT, Walker He	BR Jersey International LP	100	N	32832022	
lackRock Asset Managen Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyd BlackRock Japan Holdings 100 Y 32832022  lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  lackRock (Netherlands) B House, Grenville Street, St. Helier, JE1 0BR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hc 6D, Route de Trèves, Senningerberg, L-2633, Luxemb BlackRock Group Limited 100 N 70532360	BlackRock Trident Holding	Riverside Two, Sir John Rogerson's Quay, Grand Can	BlackRock Cayco Ltd.	100	N	32832022	
lackRock Group Limited 33 King William Street, London EC4R 9AS United Kin BR Jersey International LP 100 N 582960304 17762247  lackRock (Netherlands) B House, Grenville Street, St. Helier, JE1 0BR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hc 6D, Route de Trèves, Senningerberg, L-2633, Luxemb BlackRock Group Limited 100 N 70532360	BlackRock Japan Holdings	Sapia Tower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo,	BlackRock Trident Holding	100	N	32832022	
ackRock (Netherlands) B House, Grenville Street, St. Helier, JE1 0BR, Jersey BlackRock Group Limited 100 Y 2173669  ackRock Luxembourg Hd 6D, Route de Trèves, Senningerberg, L-2633, Luxemb BlackRock Group Limited 100 N 70532360	BlackRock Asset Managem	Marunouchi Trust Tower Main, -8-3 Marunouchi, Chiyo	BlackRock Japan Holdings	100	Υ	32832022	
ackRock Luxembourg Hd 6D, Route de Trèves, Senningerberg, L-2633, Luxemb BlackRock Group Limited 100 N 70532360	BlackRock Group Limited	33 King William Street, London EC4R 9AS United Kin	BR Jersey International LP	100	N	582960304	17762247
	BlackRock (Netherlands) B	House, Grenville Street, St. Helier, JE1 0BR, Jersey	BlackRock Group Limited	100	Y	2173669	
HSBC_030511_DOI Box22	BlackRock Luxembourg Ho	6D, Route de Trèves, Senningerberg, L-2633, Luxemb	BlackRock Group Limited	100	N	70532360	
		HSE	C_030511_DOI B0X22				1

BlackRock Investment Man	First Floor, Fitzwilton House, Wilton Place, Dublin 2, In	BlackRock Luxembourg Ho	100	N	57529525	
lackRock Asset Managem	JPMorgan House, International Financial Services Cer	BlackRock Investment Man	100	Y	57529525	
lackRock Investment Man	6D, Route de Trèves, Senningerberg, L-2633, Luxemb	BlackRock Luxembourg Ho	100	Y	13002835	
lackRock International Ltd	40 Torphichen Street, Edinburgh, Scotland, EH3 8JB,	BlackRock Group Limited	100	Y	8127680	
lackRock Pensions Limite	33 King William Street, London, England, EC4R 9AS,	BlackRock International Ltd	100	Y	6784364	
lackRock Investment Man	33 King William Street, London, England, EC4R 9AS,	BlackRock Group Limited	100	Y	191905664	325000
lackRock Fund Managers	33 King William Street, London, England, EC4R 9AS,	BlackRock Investment Man	100	Υ	81571337	
lackrock Advisors UK Ltd.	Murray House, 1 Royal Mint Court, London, EC3N 4HI	BlackRock Group Limited	100	Υ	310220931	17437247
lackRock Holdings Deutse	OpemTurm, Bockenheimer Landstraße 2-4 , 60306 Fr	BlackRock Investment Man	100	N	15083106	
lackRock Asset Managen	Max-Joseph-Straße 6, D-80333, München, Germany	BlackRock Holdings Deutse	100	Υ	15083106	