FORM 8.3

PUBLIC OPENING POSITION DISCLOSURE/DEALING DISCLOSURE BY

A PERSON WITH INTERESTS IN RELEVANT SECURITIES REPRESENTING 1% OR MORE

Rule 8.3 of the Takeover Code (the "Codeâ€)

1. KEY INFORMATION

(a) Full name of discloser:	Qube Research & Technologies
	Limited
(b) Owner or controller of interests and short positions disclosed, if different from 1(a):	Â
The naming of nominee or vehicle companies is insufficient. For a trust, the trustee(s), settlor and	
beneficiaries must be named.	
(c) Name of offeror/offeree in relation to whose relevant securities this form relates:	Centamin plc
Use a separate form for each offeror/offeree	
(d) If an exempt fund manager connected with an offeror/offeree, state this and specify identity of	Â
offeror/offeree:	
(e) Date position held/dealing undertaken:	14-11-2024
For an opening position disclosure, state the latest practicable date prior to the disclosure	
(f) In addition to the company in 1(c) above, is the discloser making disclosures in respect of any other	Yes - AngloGold Ashanti plc
party to the offer?	Â
If it is a cash offer or possible cash offer, state "N/Aâ€	

2. POSITIONS OF THE PERSON MAKING THE DISCLOSURE

If there are positions or rights to subscribe to disclose in more than one class of relevant securities of the offeror or offeree named in 1(c), copy table 2(a) or (b) (as appropriate) for each additional class of relevant security.

(a) Interests and short positions in the relevant securities of the offeror or offeree to which the disclosure relates following the dealing (if any)

Class of relevant security:	О	rdinar	y NPV		
Â	Interests	5	Short positi	ioi	ns
Â	Number	%	Number	(%
(1) Relevant securities owned and/or controlled:	0	0.0	0)	0.0
(2) Cash-settled derivatives: Â	36,744,095	3.16	0)	0.0
(3) Stock-settled derivatives (including options) and agreements to purchase/sell:	0	0	0		0
Â TOTAL:	36,744,095	3.16	0)	0.0

All interests and all short positions should be disclosed.

Details of any open stock-settled derivative positions (including traded options), or agreements to purchase or sell relevant securities, should be given on a Supplemental Form 8 (Open Positions).

(b) Rights to subscribe for new securities (including directors' and other employee options)

Class of relevant security in relation to which subscription right exists:	0
Details, including nature of the rights concerned and relevant percentages:	0

3. DEALINGS (IF ANY) BY THE PERSON MAKING THE DISCLOSURE

Where there have been dealings in more than one class of relevant securities of the offeror or offeree named in 1(c), copy table 3(a), (b), (c) or (d) (as appropriate) for each additional class of relevant security dealt in.

The currency of all prices and other monetary amounts should be stated.

(a) Purchases and sales

|--|

Â

(b) Cash-settled derivative transactions

security description cycle coll options cp. opening/closing a long/bart position securities Ordinary NPV Traily swap increasing a long position 2 138.80 Ordinary NPV Equity swap increasing a long position 3 138.30 Ordinary NPV Equity swap increasing a long position 424 137.30 Ordinary NPV Equity swap increasing a long position 1099 138.20 Ordinary NPV Equity swap increasing a long position 1099 138.20 Ordinary NPV Equity swap increasing a long position 1270 136.60 Ordinary NPV Equity swap increasing a long position 1500 138.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2165 138.00 Ordinary NPV Equity swap increasing a long position 2165 138.00 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ord	Class of relevant	Product	Nature of dealing	Number of	Exercise price per
Ordinary NPV Equity swap increasing a long position 2 138.80 Ordinary NPV Equity swap increasing a long position 3 138.30 Ordinary NPV Equity swap increasing a long position 424 137.30 Ordinary NPV Fquity swap increasing a long position 1099 138.20 Ordinary NPV Equity swap increasing a long position 1243 139.10 Ordinary NPV Equity swap increasing a long position 1220 136.60 Ordinary NPV Equity swap increasing a long position 1200 138.60 Ordinary NPV Equity swap increasing a long position 1200 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2005 138.00 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 137.25 Ordinary NPV </th <th></th> <th></th> <th>e.g. opening/closing a long/short position, increasing/reducing</th> <th>securities</th> <th></th>			e.g. opening/closing a long/short position, increasing/reducing	securities	
Ordinary NPV Equity swap increasing a long position 3 138.30 Ordinary NPV Fighty swap increasing a long position 424 137.30 Ordinary NPV Equity swap increasing a long position 1009 138.20 Ordinary NPV Equity swap increasing a long position 1009 138.20 Ordinary NPV Equity swap increasing a long position 1243 139.10 Ordinary NPV Equity swap increasing a long position 1200 138.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.80 Ordinary NPV Equity swap increasing a long position 2165 138.00 Ordinary NPV Equity swap increasing a long position 300 136.25 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV					12000
Ordinary NPV Equity swap increasing a long position 424 137.30 Ordinary NPV Equity swap increasing a long position 940 140.00 Ordinary NPV Equity swap increasing a long position 1099 138.20 Ordinary NPV Equity swap increasing a long position 1243 139.10 Ordinary NPV Equity swap increasing a long position 1270 136.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2805 138.00 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary	· · · · · · · · · · · · · · · · · · ·				
Ordinary NPV Equity swap increasing a long position 940 140.00 Ordinary NPV Equity swap increasing a long position 1099 138.20 Ordinary NPV Equity swap increasing a long position 1243 139.10 Ordinary NPV Equity swap increasing a long position 1270 136.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2005 138.40 Ordinary NPV Equity swap increasing a long position 300 136.25 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary	· · · · · · · · · · · · · · · · · · ·				
Ordinary NPV Equity swap increasing a long position 1099 138.20 Ordinary NPV Equity swap increasing a long position 1243 139.10 Ordinary NPV Equity swap increasing a long position 1270 136.60 Ordinary NPV Equity swap increasing a long position 1500 138.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2805 138.40 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5335 139.90 Ordinar	· · · · · · · · · · · · · · · · · · ·		0 01		
Ordinary NPV Equity swap increasing a long position 1243 139.10 Ordinary NPV Equity swap increasing a long position 1270 136.60 Ordinary NPV Equity swap increasing a long position 1500 138.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2805 138.40 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3349 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinar			0 01		
Ordinary NPV Equity swap increasing a long position 1270 136.60 Ordinary NPV Equity swap increasing a long position 1500 138.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2805 138.40 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5084 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinar					
Ordinary NPV Equity swap increasing a long position 1500 138.60 Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2005 138.40 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinar	•				
Ordinary NPV Equity swap increasing a long position 2000 137.60 Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2165 138.00 Ordinary NPV Equity swap increasing a long position 2805 138.40 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinar	-	1 7 1			
Ordinary NPV Equity swap increasing a long position 2000 137.85 Ordinary NPV Equity swap increasing a long position 2165 138.00 Ordinary NPV Equity swap increasing a long position 2805 138.40 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5877 138.50 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinar	•		0 01		
Ordinary NPV Equity swap increasing a long position 2165 138.00 Ordinary NPV Equity swap increasing a long position 2805 138.40 Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinar	-		0 01		
Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5471 138.70 Ordinary NPV Equity swap increasing a long position 5471 138.70 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8004 136.00 Ordinary NPV Equity swap increasing a long position 8004 136.00 Ordinary NPV Equity swap increasing a long position 8004 136.00 Ordinary NPV Equity swap increasing a long position 8004 136.00 Ordinary NPV Equity swap increasing a long position 8004 136.00 Ordinary NPV Equity swap increasing a long position 8004 136.00 Ordinary NPV Equity swap increasing a long position 138.10 Ordinary NPV Equity swap increasing a long position 138.10 Ordinary NPV Equity swap increasing a long position 138.10 Ordinary NPV Equity swap increasing a long position 138.10 Ordinary NPV Equity swap increasing a long position 138.00 Ordinary NPV Equity swap increasing a long position 138.00 Ordinary NPV Equity swap increasing a long position 138.00 Ordinary NPV Equity swap increasing a long position 142887 137.00 Ordinary NPV Equity swap decrea	· · · · · · · · · · · · · · · · · · ·				
Ordinary NPV Equity swap increasing a long position 3076 137.80 Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinar	•	Equity swap			
Ordinary NPV Equity swap increasing a long position 3300 136.25 Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinar	=		5 51	2805	
Ordinary NPV Equity swap increasing a long position 3369 137.25 Ordinary NPV Equity swap increasing a long position 3481 137.10 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5421 138.70 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8094 136.00 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 870 136.80 Ordinary NPV Equity swap increasing a long position 1068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 138.90 Ordinary NPV Equity swap increasing a long position 138.90 Ordinary NPV Equity swap increasing a long position 138.90 Ordinary NPV Equity swap increasing a long position 138.90 Ordinary NPV Equity swap increasing a long position 138.90 Ordinary NPV Equity swap increasing a long position 138.90 Ordinary NPV Equity swap increasing a long position 138.90 Ordinary NPV Equity swap increasing a long position 14287 137.40 Ordinary NPV Equity swap increasing a long position 142887 137.00 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap dec	Ordinary NPV	Equity swap	increasing a long position	3076	137.80
Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8040 136.70 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 16621 137.60 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.30 Ordinary NPV Equity swap increasing a long position 19601 138.30 Ordinary NPV Equity swap increasing a long position 19601 138.30 Ordinary NPV Equity swap decreasing a long position 19601 138.30 Ordinary NPV Equity swap decreasing a long position 19601 138.30 Ordinary NPV Equity swap decreasing a long posi	•	Equity swap	increasing a long position	3300	136.25
Ordinary NPV Equity swap increasing a long position 5064 137.90 Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8094 136.80 Ordinary NPV Equity swap increasing a long position 8970 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 13601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 2010 138.30 Ordinary NPV Equity swap increasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2	Ordinary NPV	Equity swap	increasing a long position	3369	137.25
Ordinary NPV Equity swap increasing a long position 5208 139.00 Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 870 136.80 Ordinary NPV Equity swap increasing a long position 870 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 34060 3	Ordinary NPV	Equity swap	increasing a long position	3481	137.10
Ordinary NPV Equity swap increasing a long position 5335 139.70 Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 870 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 14421 139.80 Ordinary NPV Equity swap increasing a long position 15552 137.40 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 137.50 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 233 136.85 Ordinary NPV Equity swap decreasing a long position 233 136.85 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2406 137.50 Ordinary NPV Equity swap decreasing a long position 2518 137.50 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3	Ordinary NPV	Equity swap	increasing a long position	5064	137.90
Ordinary NPV Equity swap increasing a long position 5421 138.50 Ordinary NPV Equity swap increasing a long position 5877 138.70 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8970 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.30 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2133 136.60 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 3455 138.60 Ordinary NPV Equity swap decreasing a long position 3455 138.60 Ordinary NPV Equity swap decreasing a long position 3458 136.40	Ordinary NPV	Equity swap	increasing a long position	5208	139.00
Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8970 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.90 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	5335	139.70
Ordinary NPV Equity swap increasing a long position 7418 139.65 Ordinary NPV Equity swap increasing a long position 7636 137.20 Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8970 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 3460 136.95 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	5421	138.50
Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8970 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	5877	138.70
Ordinary NPV Equity swap increasing a long position 8040 136.90 Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8970 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2017 139.40 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	7418	139.65
Ordinary NPV Equity swap increasing a long position 8094 136.70 Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 8970 136.80 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	7636	137.20
Ordinary NPV Equity swap increasing a long position 8558 136.30 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 34605 137.00 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	8040	136.90
Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	8094	136.70
Ordinary NPV Equity swap increasing a long position 11068 138.10 Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 34605 137.00 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2077 139.40 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	8558	136.30
Ordinary NPV Equity swap increasing a long position 16421 139.80 Ordinary NPV Equity swap increasing a long position 17552 137.40 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2077 139.40 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	8970	136.80
Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 19601 138.90 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2077 139.40 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	11068	138.10
Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 34605 137.50 Ordinary NPV Equity swap increasing a long position 42887 137.00 Ordinary NPV Equity swap increasing a long position 168250 139.60 Ordinary NPV Equity swap decreasing a long position 141 137.10 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2017 139.40 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	16421	139.80
Ordinary NPVEquity swapincreasing a long position34605137.50Ordinary NPVEquity swapincreasing a long position42887137.00Ordinary NPVEquity swapincreasing a long position168250139.60Ordinary NPVEquity swapdecreasing a long position141137.10Ordinary NPVEquity swapdecreasing a long position2010138.30Ordinary NPVEquity swapdecreasing a long position2077139.40Ordinary NPVEquity swapdecreasing a long position2133136.85Ordinary NPVEquity swapdecreasing a long position2234136.60Ordinary NPVEquity swapdecreasing a long position2404137.30Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	increasing a long position	17552	137.40
Ordinary NPVEquity swapincreasing a long position42887137.00Ordinary NPVEquity swapincreasing a long position168250139.60Ordinary NPVEquity swapdecreasing a long position141137.10Ordinary NPVEquity swapdecreasing a long position2010138.30Ordinary NPVEquity swapdecreasing a long position2077139.40Ordinary NPVEquity swapdecreasing a long position2133136.85Ordinary NPVEquity swapdecreasing a long position2234136.60Ordinary NPVEquity swapdecreasing a long position2404137.30Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	increasing a long position	19601	138.90
Ordinary NPVEquity swapincreasing a long position168250139.60Ordinary NPVEquity swapdecreasing a long position141137.10Ordinary NPVEquity swapdecreasing a long position2010138.30Ordinary NPVEquity swapdecreasing a long position2077139.40Ordinary NPVEquity swapdecreasing a long position2133136.85Ordinary NPVEquity swapdecreasing a long position2234136.60Ordinary NPVEquity swapdecreasing a long position2404137.30Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	increasing a long position	34605	137.50
Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2010 138.30 Ordinary NPV Equity swap decreasing a long position 2077 139.40 Ordinary NPV Equity swap decreasing a long position 2133 136.85 Ordinary NPV Equity swap decreasing a long position 2234 136.60 Ordinary NPV Equity swap decreasing a long position 2404 137.30 Ordinary NPV Equity swap decreasing a long position 2818 137.70 Ordinary NPV Equity swap decreasing a long position 3155 138.60 Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	Ordinary NPV	Equity swap	increasing a long position	42887	137.00
Ordinary NPVEquity swapdecreasing a long position2010138.30Ordinary NPVEquity swapdecreasing a long position2077139.40Ordinary NPVEquity swapdecreasing a long position2133136.85Ordinary NPVEquity swapdecreasing a long position2234136.60Ordinary NPVEquity swapdecreasing a long position2404137.30Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	increasing a long position	168250	139.60
Ordinary NPVEquity swapdecreasing a long position2077139.40Ordinary NPVEquity swapdecreasing a long position2133136.85Ordinary NPVEquity swapdecreasing a long position2234136.60Ordinary NPVEquity swapdecreasing a long position2404137.30Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	decreasing a long position	141	137.10
Ordinary NPVEquity swapdecreasing a long position2133136.85Ordinary NPVEquity swapdecreasing a long position2234136.60Ordinary NPVEquity swapdecreasing a long position2404137.30Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	decreasing a long position	2010	138.30
Ordinary NPVEquity swapdecreasing a long position2234136.60Ordinary NPVEquity swapdecreasing a long position2404137.30Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	decreasing a long position	2077	139.40
Ordinary NPVEquity swapdecreasing a long position2404137.30Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	decreasing a long position	2133	136.85
Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	decreasing a long position	2234	136.60
Ordinary NPVEquity swapdecreasing a long position2818137.70Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	Ordinary NPV	Equity swap	decreasing a long position	2404	137.30
Ordinary NPVEquity swapdecreasing a long position3155138.60Ordinary NPVEquity swapdecreasing a long position3610136.95Ordinary NPVEquity swapdecreasing a long position3958136.40	<u> </u>		0 01	2818	137.70
Ordinary NPV Equity swap decreasing a long position 3610 136.95 Ordinary NPV Equity swap decreasing a long position 3958 136.40	•	1 7 1	0 01	3155	138.60
Ordinary NPV Equity swap decreasing a long position 3958 136.40	•			3610	136.95
		1 7 1	0 01	3958	
	-	1 7 1	0 01		

Ordinary NPV	Equity swap	decreasing a long position	4090	136.75
Ordinary NPV	Equity swap	decreasing a long position	4288	138.70
Ordinary NPV	Equity swap	decreasing a long position	4292	136.80
Ordinary NPV	Equity swap	decreasing a long position	4359	136.70
Ordinary NPV	Equity swap	decreasing a long position	4451	137.50
Ordinary NPV	Equity swap	decreasing a long position	4533	136.30
Ordinary NPV	Equity swap	decreasing a long position	6042	138.85
Ordinary NPV	Equity swap	decreasing a long position	6318	139.00
Ordinary NPV	Equity swap	decreasing a long position	6695	138.20
Ordinary NPV	Equity swap	decreasing a long position	6921	139.10
Ordinary NPV	Equity swap	decreasing a long position	6966	137.20
Ordinary NPV	Equity swap	decreasing a long position	10848	136.90
Ordinary NPV	Equity swap	decreasing a long position	10890	137.00
Ordinary NPV	Equity swap	decreasing a long position	11075	139.30
Ordinary NPV	Equity swap	decreasing a long position	12015	138.80
Ordinary NPV	Equity swap	decreasing a long position	13484	138.90
Ordinary NPV	Equity swap	decreasing a long position	14868	137.90
Ordinary NPV	Equity swap	decreasing a long position	29088	139.60

(c) Stock-settled derivative transactions (including options)

(i) Writing, selling, purchasing or varying

Class of	Product	Writing, purchasing,	Number of securities	Exercise price	Туре	Expiry	Option money
relevant	description e.g.	selling, varying etc.	to which option relates	per unit (GBp)	e.g. American,	date	paid/ received per
security	call option				European etc.		unit

(ii) Exercise

Class of relevant security	Product description e.g. call option	Exercising/ exercised against	Number of securities	Exercise price per unit
0	0	0	0	Â 0

(d) Other dealings (including subscribing for new securities)

Class of relevant security	Nature of dealing e.g. subscription, conversion	Details	Price per unit (if applicable)
0	Â	0	0

4. OTHER INFORMATION

(a) Indemnity and other dealing arrangements

Details of any indemnity or option arrangement, or any agreement or understanding, formal or informal, relating to relevant securities which may be an inducement to deal or refrain from dealing entered into by the person making the disclosure and any party to the offer or any person acting in concert with a party to the offer:

Irrevocable commitments and letters of intent should not be included. If there are no such agreements, arrangements or understandings, state "noneâ€

Â

None

î NOIK

(b) Agreements, arrangements or understandings relating to options or derivatives

Details of any agreement, arrangement or understanding, formal or informal, between the person making the disclosure and any other person relating to:

- (i) the voting rights of any relevant securities under any option; or
- (ii) the voting rights or future acquisition or disposal of any relevant securities to which any derivative is referenced:

If there are no such agreements, arrangements or understandings, state "noneâ€	
Â	
None	
Â	

(c) Attachments

Is a Supplemental Form 8 (Open Positions) a	attached?	NO
Date of disclosure:	15-11-2024	
Contact name:	Janice Falcao	
Telephone number:	00442033140679	

Public disclosures under Rule 8 of the Code must be made to a Regulatory Information Service.

The Panelâ \in ^{TMs} Market Surveillance Unit is available for consultation in relation to the Codeâ \in ^{TMs} disclosure requirements on +44 (0)20 7638 0129. The Code can be viewed on the Panelâ \in ^{TMs} website at <u>www.thetakeoverpanel.org.uk</u>.

View source version on businesswire.com: https://www.businesswire.com/news/home/20241115574558/en/

Qube Research & Technologies LTD

Source: Qube Research & Technologies LTD