# ING Bank N.V. Legal entity identifier (LEI): 3TK20IVIUJ8J3ZU0QE75 Issue of

Series number of the Certificates	WKN Code	ISIN Code	Number of Certificates being issued	Title
228,328	NG55UW	DE000NG55UW1	1,000,000	ING Long Commodity Mini Future Certificate
228,329	NG55UX	DE000NG55UX9	1,000,000	ING Long Commodity Mini Future Certificate
228,330	NG55UY	DE000NG55UY7	1,000,000	ING Long Commodity Mini Future Certificate
228,331	NG55UZ	DE000NG55UZ4	1,000,000	ING Long Commodity Mini Future Certificate
228,332	NG55U0	DE000NG55U07	1,000,000	ING Long Commodity Mini Future Certificate
228,333	NG55U1	DE000NG55U15	1,000,000	ING Long Commodity Mini Future Certificate
228,334	NG55U2	DE000NG55U23	1,000,000	ING Long Commodity Mini Future Certificate
228,335	NG55U3	DE000NG55U31	1,000,000	ING Long Commodity Mini Future Certificate
228,336	NG55U4	DE000NG55U49	1,000,000	ING Long Commodity Mini Future Certificate
228,337	NG55U5	DE000NG55U56	1,000,000	ING Long Commodity Mini Future Certificate
228,338	NG55U6	DE000NG55U64	1,000,000	ING Long Commodity Mini Future Certificate
228,339	NG55U7	DE000NG55U72	1,000,000	ING Long Commodity Mini Future Certificate
228,340	NG55U8	DE000NG55U80	1,000,000	ING Long Commodity Mini Future Certificate
228,341	NG55U9	DE000NG55U98	1,000,000	ING Long Commodity Mini Future Certificate
228,342	NG55VA	DE000NG55VA5	1,000,000	ING Long Commodity Mini Future Certificate
228,343	NG55VB	DE000NG55VB3	1,000,000	ING Long Commodity Mini Future Certificate
228,344	NG55VC	DE000NG55VC1	1,000,000	ING Long Commodity Mini Future Certificate
228,345	NG55VD	DE000NG55VD9	1,000,000	ING Long Commodity Mini Future Certificate
228,346	NG55VE	DE000NG55VE7	1,000,000	ING Long Commodity Mini Future Certificate
228,347	NG55VF	DE000NG55VF4	1,000,000	ING Long Commodity Mini Future Certificate
228,348	NG55VG	DE000NG55VG2	1,000,000	ING Long Commodity Mini Future Certificate
228,349	NG55VH	DE000NG55VH0	1,000,000	ING Long Commodity Mini Future Certificate
228,350	NG55VJ	DE000NG55VJ6	1,000,000	ING Long Commodity Mini Future

ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VK4	NG55VK	228,351
ıre	Certificate				
	ING Long Commodity Mini Future	1,000,000	DE000NG55VL2	NG55VL	228,352
	Certificate				
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VM0	NG55VM	228,353
	Certificate				
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VN8	NG55VN	228,354
	Certificate				
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VP3	NG55VP	228,355
	Certificate				
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VQ1	NG55VQ	228,356
	Certificate			110.551	
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VR9	NG55VR	228,357
	Certificate		DECOMPOSE VAN	11055110	
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VS7	NG55VS	228,358
	Certificate		DECOMPOSE INTE	N. C. S. S. VIII.	
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VT5	NG55VT	228,359
	Certificate	1 000 000	DECONICETATIO	NOCCOUNT	220.250
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VU3	NG55VU	228,360
	Certificate	1 000 000	DE000NG55VVI	NOSSIVI	220, 261
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VV1	NG55VV	228,361
	Certificate	1 000 000	DE000NG55VW9	NG55VW	220.262
ıre	ING Long Commodity Mini Future	1,000,000	DEUUUNGSSVW9	NG33 v w	228,362
	Certificate	1 000 000	DE000NG55VX7	NG55VX	220 262
ıre	ING Long Commodity Mini Future Certificate	1,000,000	DEGOOONGSSVA	NGSSVA	228,363
1#0	ING Long Commodity Mini Future	1,000,000	DE000NG55VY5	NG55VY	228,364
116	Certificate Certificate	1,000,000	DE00011G33 V 13	11033 V 1	220,304
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55VZ2	NG55VZ	228,365
110	Certificate Certificate	1,000,000	DE00011G331ZZ	11033 12	220,303
ıre	ING Long Commodity Mini Future	1,000,000	DE000NG55V06	NG55V0	228,366
110	Certificate Certificate	1,000,000			220,300
ıre	ING Long Commodity Mini Future	500,000	DE000NG55V14	NG55V1	228,367
	Certificate				0,507
ıre	ING Long Commodity Mini Future	500,000	DE000NG55V22	NG55V2	228,368
	Certificate				,
ıre	ING Long Commodity Mini Future	500,000	DE000NG55V30	NG55V3	228,369
	Certificate				
ıre	ING Long Commodity Mini Future	500,000	DE000NG55V48	NG55V4	228,370
	Certificate				
ıre	ING Long Commodity Mini Future	500,000	DE000NG55V55	NG55V5	228,371
	Certificate				
ıre	ING Long Commodity Mini Future	500,000	DE000NG55V63	NG55V6	228,372
	Certificate				
ıre	,	500,000	DE000NG55V71	NG55V7	228,373
ıre	·	500,000	DE000NG55V89	NG55V8	228,374
		1	DEDOCATE TO THE	110.5.5.	
ıre	,	500,000	DE000NG55V97	NG55V9	228,375
			DEGOGGE CONTRACTOR	110557	***
ıre		500,000	DE000NG55WA3	NG55WA	228,376
		500 000	DE000MG57WB1	NOSSUE	220 277
ıre	·	500,000	DE000NG55MRI	NGSSMR	228,377
	Certificate   ING Long Commodity Mini Future	500,000	DE000NG55WC9	NG55WC	228,378
ure ure	ING Long Commodity Mini Future Certificate	500,000 500,000 500,000 500,000	DE000NG55V71  DE000NG55V89  DE000NG55V97  DE000NG55WA3  DE000NG55WB1	NG55V7 NG55V8 NG55V9 NG55WA NG55WB	228,374 228,375 228,376 228,377

228,380         NG55WE         DE000NG55WE5         500,000         I           228,381         NG55WF         DE000NG55WF2         500,000         I           228,382         NG55WG         DE000NG55WG0         500,000         I           228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,395         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW	NG Long Commodity Mini Future Certificate
228,380         NG55WE         DE000NG55WE5         500,000         I           228,381         NG55WF         DE000NG55WF2         500,000         I           228,382         NG55WG         DE000NG55WG0         500,000         I           228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,395         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW	Certificate  NG Long Commodity Mini Future
228,380         NG55WE         DE000NG55WES         500,000         I           228,381         NG55WF         DE000NG55WF2         500,000         I           228,382         NG55WG         DE000NG55WG0         500,000         I           228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,391         NG55WS         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,395         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,381         NG55WF         DE000NG55WF2         500,000         I           228,382         NG55WG         DE000NG55WG0         500,000         I           228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WL2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,393         NG55WU         DE000NG55WU1         500,000         I           228,394         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55	Certificate  NG Long Commodity Mini Future
228,381         NG55WF         DE000NG55WF2         500,000         I           228,382         NG55WG         DE000NG55WG0         500,000         I           228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WL2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WS         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,393         NG55WU         DE000NG55WU1         500,000         I           228,394         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,382         NG55WG         DE000NG55WG0         500,000         I           228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WS         DE000NG55WS5         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,393         NG55WU         DE000NG55WU1         500,000         I           228,394         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	Certificate  NG Long Commodity Mini Future
228,382         NG55WG         DE000NG55WG0         500,000         I           228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,393         NG55WU         DE000NG55WU1         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	Certificate  NG Long Commodity Mini Future
228,383         NG55WH         DE000NG55WH8         500,000         I           228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	Certificate  NG Long Commodity Mini Future
228,384         NG55WJ         DE000NG55WJ4         500,000         I           228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV1         500,000         I           228,395         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	Certificate  NG Long Commodity Mini Future
228,385         NG55WK         DE000NG55WK2         500,000         I           228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WT3         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV1         500,000         I           228,395         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV1         500,000         I           228,395         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	Certificate  NG Long Commodity Mini Future
228,386         NG55WL         DE000NG55WL0         500,000         I           228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WV9         500,000         I           228,395         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV7         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	Certificate  NG Long Commodity Mini Future
228,387         NG55WM         DE000NG55WM8         500,000         I           228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future NG Long Commodity Mini Future
228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	Certificate  NG Long Commodity Mini Future Certificate  NG Long Commodity Mini Future Certificate  NG Long Commodity Mini Future
228,388         NG55WN         DE000NG55WN6         1,000,000         I           228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WW7         500,000         I	Certificate  NG Long Commodity Mini Future  Certificate  NG Long Commodity Mini Future
228,389         NG55WP         DE000NG55WP1         1,000,000         I           228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WW7         500,000         I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future
228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WV7         500,000         I	Certificate  NG Long Commodity Mini Future
228,390         NG55WQ         DE000NG55WQ9         1,000,000         I           228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WW7         500,000         I	NG Long Commodity Mini Future
228,391 NG55WR DE000NG55WR7 500,000 I  228,392 NG55WS DE000NG55WS5 500,000 I  228,393 NG55WT DE000NG55WT3 500,000 I  228,394 NG55WU DE000NG55WU1 500,000 I  228,395 NG55WV DE000NG55WV9 500,000 I  228,396 NG55WW DE000NG55WW7 500,000 I	
228,391         NG55WR         DE000NG55WR7         500,000         I           228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WW7         500,000         I	
228,392 NG55WS DE000NG55WS5 500,000 I  228,393 NG55WT DE000NG55WT3 500,000 I  228,394 NG55WU DE000NG55WU1 500,000 I  228,395 NG55WV DE000NG55WV9 500,000 I  228,396 NG55WW DE000NG55WW7 500,000 I	NG Long Commodity Mini Future
228,392         NG55WS         DE000NG55WS5         500,000         I           228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WW7         500,000         I	Certificate
228,393 NG55WT DE000NG55WT3 500,000 I 228,394 NG55WU DE000NG55WU1 500,000 I 228,395 NG55WV DE000NG55WV9 500,000 I 228,396 NG55WW DE000NG55WW7 500,000 I	NG Long Commodity Mini Future
228,393         NG55WT         DE000NG55WT3         500,000         I           228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WW7         500,000         I	Certificate
228,394 NG55WU DE000NG55WU1 500,000 I 228,395 NG55WV DE000NG55WV9 500,000 I 228,396 NG55WW DE000NG55WW7 500,000 I	NG Long Commodity Mini Future
228,394         NG55WU         DE000NG55WU1         500,000         I           228,395         NG55WV         DE000NG55WV9         500,000         I           228,396         NG55WW         DE000NG55WW7         500,000         I	Certificate
228,395 NG55WV DE000NG55WV9 500,000 I 228,396 NG55WW DE000NG55WW7 500,000 I	NG Long Commodity Mini Future
228,395 NG55WV DE000NG55WV9 500,000 I 228,396 NG55WW DE000NG55WW7 500,000 I	Certificate
228,396 NG55WW DE000NG55WW7 500,000 I	NG Long Commodity Mini Future
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	Certificate
228,404 NG55W4 DE000NG55W47 500,000 I 228,405 NG55W5 DE000NG55W54 500,000 I	NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future Certificate NG Long Commodity Mini Future

				Certificate
228,407	NG55W7	DE000NG55W70	500,000	ING Long Commodity Mini Future
				Certificate
228,408	NG55W8	DE000NG55W88	500,000	ING Long Commodity Mini Future
				Certificate
228,409	NG55W9	DE000NG55W96	500,000	ING Long Commodity Mini Future
				Certificate
228,410	NG55XA	DE000NG55XA1	500,000	ING Long Commodity Mini Future
				Certificate
228,411	NG55XB	DE000NG55XB9	500,000	ING Long Commodity Mini Future
				Certificate
228,412	NG55XC	DE000NG55XC7	500,000	ING Long Commodity Mini Future
				Certificate
228,413	NG55XD	DE000NG55XD5	500,000	ING Long Commodity Mini Future
				Certificate
228,414	NG55XE	DE000NG55XE3	500,000	ING Long Commodity Mini Future
				Certificate
228,415	NG55XF	DE000NG55XF0	500,000	ING Long Commodity Mini Future
				Certificate
228,416	NG55XG	DE000NG55XG8	500,000	ING Long Commodity Mini Future
				Certificate
228,417	NG55XH	DE000NG55XH6	500,000	ING Long Commodity Mini Future
				Certificate

## under the Certificates Programme

Any person making or intending to make an offer of the Certificates may only do so:

- (i) in those Non-exempt Offer Jurisdictions mentioned in the Paragraph Distribution of Part B below, provided such person is a Dealer or Authorised Offeror (as such terms is defined in the Prospectus) and that such offer is made during the Offer Period specified in that paragraph and that any conditions relevant the use of the Prospectus are complied with; or
- (ii) otherwise in circumstances in which no obligation arises for the Issuer or any Dealer to publish a prospectus pursuant to Article 3 of Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") or to supplement a prospectus pursuant to Article 23 of the Prospectus Regulation, in each case, in relation to such offer.

Neither the Issuer nor any Dealer has authorised, nor do they authorise, the making of any offer of Certificates in any other circumstances.

MiFID II product governance / Retail investors, professional investors and ECPs target market – Solely for the purposes of the manufacturer's product approval process, the target market assessment in respect of the Certificates has led to the conclusion that: (i) the target market for the Certificates is eligible counterparties, professional clients and retail clients, each as defined in Directive 2014/65/EU (as amended, "MiFID II"); and (ii) all channels for distribution to eligible counterparties and professional clients are appropriate; and (iii) the following channels for distribution of the Certificates to retail clients are appropriate – investment advice, portfolio management, non-advised sales and pure execution services – subject to the distributor's suitability and appropriateness obligations under MiFID II, as applicable. Any person subsequently offering, selling or recommending the Certificates (a "distributor") should take into consideration the manufacturer's target market assessment; however, a distributor subject to MiFID II is responsible for undertaking its own target market assessment in respect of the Certificates (by either adopting or refining the manufacturer's target market

assessment) and determining appropriate distribution channels, subject to the distributor's suitability and appropriateness obligations under MiFID II, as applicable.

UK MIFIR product governance / Retail investors, professional investors and ECPs target market – Solely for the purposes of the manufacturer's product approval process, the target market assessment in respect of the Certificates has led to the conclusion that: (i) the target market for the Certificates is retail clients, as defined in point (8) of Article 2 of Regulation (EU) No 2017/565 as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 ("EUWA"), and eligible counterparties, as defined in the FCA Handbook Conduct of Business Sourcebook ("COBS") and professional clients, as defined in Regulation (EU) No 600/2014 as it forms part of UK domestic law by virtue of the EUWA ("UK MiFIR"); EITHER and (ii) all channels for distribution to eligible counterparties and professional clients are appropriate; and (iii) the following channels for distribution of the Certificates to retail clients are appropriate - investment advice, portfolio management, non-advised sales, and pure execution services, subject to the distributor's suitability and appropriateness obligations under COBS, as applicable. Any person subsequently offering, selling or recommending the Certifiates (a "distributor") should take into consideration the manufacturer's target market assessment; however, a distributor subject to the FCA Handbook Product Intervention and Product Governance Sourcebook (the "UK MiFIR Product Governance Rules") is responsible for undertaking its own target market assessment in respect of the Certificates (by either adopting or refining the manufacturer's target market assessment) and determining appropriate distribution channels, subject to the distributor's suitability and appropriateness obligations under COBS, as applicable.

#### PART A - CONTRACTUAL TERMS

These Final Terms have been prepared for the purpose of Article 8 of Regulation (EU) 2017/1129, as amended, and must be read in conjunction with the base prospectus consisting of separate documents (i.e. (i) the securities note dated 04 August 2022 and its supplement(s) (if any) (the "Securities Note") and (ii) the registration document of ING Bank N.V. (the "Issuer") dated 25 March 2022, and its supplement(s) (if any)) (the "Registration Document" and together with the Securities Note, the "Prospectus")) pertaining to the Issuer's Certificates Programme. Terms used herein shall be deemed to be defined as such for the purposes of the conditions set forth in the General Certificate Conditions and the relevant Product Conditions contained in the Prospectus which constitutes a base prospectus for the purposes of Regulation (EU) 2017/1129, as amended or superseded (the "Prospectus Regulation"). Full information on the Issuer and the offer of the Certificates is only available on the basis of the Prospectus, any supplements thereto and these Final Terms. The Prospectus and any supplements thereto are available for viewing at the Issuer's website (www.ingmarkets.com) and copies may be obtained from ING Bank N.V at Foppingadreef 7, 1102 BD Amsterdam, the Netherlands (E-mail: info@sprinters.nl) and are available for viewing on the websites www.ingmarkets.de, www.ingsprinters.nl and www.ingturbos.fr.

Prospective investors should carefully consider the section "Risk Factors" in the Prospectus.

## GENERAL DESCRIPTION OF THE CERTIFICATES

	KALDESCRIPTION OF THE CERTIFICATES	A 'C' 1 ' . d d 11 . 1 . 1
1	(a) Series number of the Certificates:	As specified in the table below
	(b) Whether or not the Certificates are to be consolidated and form a single series with the Certificates of an existing series:	I
2	(a) The type of Certificates which may be Index Certificates, Share Certificates, Currency Certificates, Commodity Certificates, Fund Certificates, Government Bond Certificates or Index Futures Certificates:	Commodity Certificates
	(b) Whether such Certificates are Best Certificates, Limited Certificates, Open Ended Certificates or Fixed Leverage.	Open Ended Certificates (Marketing name: Mini Future, Turbo Infini or Sprinter)
	(c) Whether such Certificates are Long Certificates or Short Certificates:	Long Certificates
3	Number of Certificates being issued:	As specified in the table below
4	Issue Price per Certificate:	As specified in the table below
5	Trade Date:	29 November 2022
6	Issue Date:	01 December 2022
7	"as-if-and-when-issued" trading:	Not Applicable
8	Current Financing Level on the Trade Date:	As specified in the table below
9	Current Spread on the Trade Date:	As specified in the table below
10	Maximum Spread:	As specified in the table below
11	Current Stop Loss Premium Rate on the Trade Date:	As specified in the table below
12	Maximum Premium:	As specified in the table below
13	Minimum Premium:	As specified in the table below
14	Stop Loss Price on the Trade Date:	As specified in the table below

15	Stop Loss Price Rounding:	As specified in the table below
16	Entitlement:	As specified in the table below
17	Financing Level Currency:	As specified in the table below
18	Settlement Currency:	EUR
19	Exercise Time:	12:00 AM Central European Time
20	Cash Settlement Amount:	As specified in the Commodity Certificate Conditions
21	Final Valuation Date:	Not Applicable
22	Valuation Date(s):	Annually, commencing on the date one year after the Issue Date.
23	Applicable Business Day Centre(s) for the purposes of the definition of "Business Day"	Amsterdam

Series Numb er of the Certifi cates	ISIN Code	Number of Certificate s being issued	Issue price per Certifi cate	Current Financi ng Level on the Trade Date	Curre nt Sprea d on the Trade Date	Maxi mum Sprea d	Current Stop Loss Premiu m Rate on the Trade Date	Maxi mum Premi um	Minim um Premi um	Stop Loss Price on the Trade Date	Stop Loss Price Roun ding	Entit lem ent	Finan cing Level Curre ncy
228,32 8	DE000NG5 5UW1	1,000,000	8.14	-3.5702 000000	3.5	5.0	7.5	20.0	0.0	-3.8000 000000	0.1	0.1	USD
228,32 9	DE000NG5 5UX9	1,000,000	8.18	-4.0702 000000	3.5	5.0	7.5	20.0	0.0	-4.3000 000000	0.1	0.1	USD
228,33 0	DE000NG5 5UY7	1,000,000	8.23	-4.5702 000000	3.5	5.0	7.5	20.0	0.0	-4.9000 000000	0.1	0.1	USD
228,33 1	DE000NG5 5UZ4	1,000,000	8.28	-5.0702 000000	3.5	5.0	7.5	20.0	0.0	-5.4000 000000	0.1	0.1	USD
228,33 2	DE000NG5 5U07	1,000,000	8.33	-5.5702 000000	3.5	5.0	7.5	20.0	0.0	-5.9000 000000	0.1	0.1	USD
228,33 3	DE000NG5 5U15	1,000,000	8.37	-6.0702 000000	3.5	5.0	7.5	20.0	0.0	-6.5000 000000	0.1	0.1	USD
228,33 4	DE000NG5 5U23	1,000,000	8.42	-6.5702 000000	3.5	5.0	7.5	20.0	0.0	-7.0000 000000	0.1	0.1	USD
228,33 5	DE000NG5 5U31	1,000,000	8.47	-7.0702 000000	3.5	5.0	7.5	20.0	0.0	-7.6000 000000	0.1	0.1	USD
228,33 6	DE000NG5 5U49	1,000,000	8.52	-7.5702 000000	3.5	5.0	7.5	20.0	0.0	-8.1000 000000	0.1	0.1	USD

228,33	DE000NG5	1 000 000	8.57	-8.0702	3.5	5.0	7.5	1		0.6000	0.1	0.1	TIGD
7	5U56	1,000,000	8.57	000000	3.3	5.0	7.5	20.0	0.0	-8.6000 000000	0.1	0.1	USD
228,33 8	DE000NG5 5U64	1,000,000	8.61	-8.5702 000000	3.5	5.0	7.5	20.0	0.0	-9.2000 000000	0.1	0.1	USD
228,33 9	DE000NG5 5U72	1,000,000	8.66	-9.0702 000000	3.5	5.0	7.5	20.0	0.0	-9.7000 000000	0.1	0.1	USD
228,34 0	DE000NG5 5U80	1,000,000	8.71	-9.5702 000000	3.5	5.0	7.5	20.0	0.0	-10.200 000000 0	0.1	0.1	USD
228,34 1	DE000NG5 5U98	1,000,000	8.76	-10.070 200000 0	3.5	5.0	7.5	20.0	0.0	-10.800 000000 0	0.1	0.1	USD
228,34	DE000NG5 5VA5	1,000,000	8.81	-10.570 200000 0	3.5	5.0	7.5	20.0	0.0	-11.300 000000 0	0.1	0.1	USD
228,34	DE000NG5 5VB3	1,000,000	8.85	-11.070 200000 0	3.5	5.0	7.5	20.0	0.0	-11.900 000000 0	0.1	0.1	USD
228,34 4	DE000NG5 5VC1	1,000,000	8.9	-11.570 200000 0	3.5	5.0	7.5	20.0	0.0	-12.400 000000 0	0.1	0.1	USD
228,34 5	DE000NG5 5VD9	1,000,000	8.95	-12.070 200000 0	3.5	5.0	7.5	20.0	0.0	-12.900 000000 0	0.1	0.1	USD
228,34 6	DE000NG5 5VE7	1,000,000	9.0	-12.570 200000 0	3.5	5.0	7.5	20.0	0.0	-13.500 000000 0	0.1	0.1	USD
228,34 7	DE000NG5 5VF4	1,000,000	9.05	-13.070 200000 0	3.5	5.0	7.5	20.0	0.0	-14.000 000000 0	0.1	0.1	USD
228,34 8	DE000NG5 5VG2	1,000,000	9.09	-13.570 200000 0	3.5	5.0	7.5	20.0	0.0	-14.500 000000 0	0.1	0.1	USD
228,34 9	DE000NG5 5VH0	1,000,000	9.14	-14.070 200000 0	3.5	5.0	7.5	20.0	0.0	-15.100 000000 0	0.1	0.1	USD
228,35 0	DE000NG5 5VJ6	1,000,000	9.19	-14.570 200000 0	3.5	5.0	7.5	20.0	0.0	-15.600 000000 0	0.1	0.1	USD
228,35 1	DE000NG5 5VK4	1,000,000	9.24	-15.070 200000 0	3.5	5.0	7.5	20.0	0.0	-16.200 000000 0	0.1	0.1	USD
228,35 2	DE000NG5 5VL2	1,000,000	9.28	-15.570 200000 0	3.5	5.0	7.5	20.0	0.0	-16.700 000000 0	0.1	0.1	USD
228,35	DE000NG5 5VM0	1,000,000	9.33	-16.070 200000 0	3.5	5.0	7.5	20.0	0.0	-17.200 000000	0.1	0.1	USD
228,35 4	DE000NG5 5VN8	1,000,000	9.38	-16.570 200000 0	3.5	5.0	7.5	20.0	0.0	0 -17.800 000000	0.1	0.1	USD
228,35 5	DE000NG5 5VP3	1,000,000	9.43	-17.070 200000 0	3.5	5.0	7.5	20.0	0.0	-18.300 000000	0.1	0.1	USD
228,35 6	DE000NG5 5VQ1	1,000,000	9.48	-17.570 200000 0	3.5	5.0	7.5	20.0	0.0	-18.800 000000	0.1	0.1	USD
228,35 7	DE000NG5 5VR9	1,000,000	9.52	-18.070 200000 0	3.5	5.0	7.5	20.0	0.0	0 -19.400 000000 0	0.1	0.1	USD

228,35 8	DE000NG5 5VS7	1,000,000	9.57	-18.570 200000 0	3.5	5.0	7.5	20.0	0.0	-19.900 000000 0	0.1	0.1	USD
228,35 9	DE000NG5 5VT5	1,000,000	9.62	-19.070 200000 0	3.5	5.0	7.5	20.0	0.0	-20.500 000000 0	0.1	0.1	USD
228,36 0	DE000NG5 5VU3	1,000,000	9.67	-19.570 200000 0	3.5	5.0	7.5	20.0	0.0	-21.000 000000 0	0.1	0.1	USD
228,36 1	DE000NG5 5VV1	1,000,000	9.72	-20.070 200000 0	3.5	5.0	7.5	20.0	0.0	-21.500 000000 0	0.1	0.1	USD
228,36 2	DE000NG5 5VW9	1,000,000	9.76	-20.570 200000 0	3.5	5.0	7.5	20.0	0.0	-22.100 000000 0	0.1	0.1	USD
228,36 3	DE000NG5 5VX7	1,000,000	9.81	-21.070 200000 0	3.5	5.0	7.5	20.0	0.0	-22.600 000000 0	0.1	0.1	USD
228,36 4	DE000NG5 5VY5	1,000,000	9.86	-21.570 200000 0	3.5	5.0	7.5	20.0	0.0	-23.100 000000 0	0.1	0.1	USD
228,36 5	DE000NG5 5VZ2	1,000,000	9.91	-22.070 200000 0	3.5	5.0	7.5	20.0	0.0	-23.700 000000 0	0.1	0.1	USD
228,36 6	DE000NG5 5V06	1,000,000	9.96	-22.570 200000 0	3.5	5.0	7.5	20.0	0.0	-24.200 000000 0	0.1	0.1	USD
228,36 7	DE000NG5 5V14	500,000	5.19	1705.35 550000 00	3.5	5.0	3.0	20.0	0.0	1757.00 000000 00	1.0	0.1	USD
228,36 8	DE000NG5 5V22	500,000	5.43	1702.85 550000 00	3.5	5.0	3.0	20.0	0.0	1754.00 000000 00	1.0	0.1	USD
228,36 9	DE000NG5 5V30	500,000	5.67	1700.35 550000 00	3.5	5.0	3.0	20.0	0.0	1752.00 000000 00	1.0	0.1	USD
228,37 0	DE000NG5 5V48	500,000	5.91	1697.85 550000 00	3.5	5.0	3.0	20.0	0.0	1749.00 000000 00	1.0	0.1	USD
228,37 1	DE000NG5 5V55	500,000	6.15	1695.35 550000 00	3.5	5.0	3.0	20.0	0.0	1747.00 000000 00	1.0	0.1	USD
228,37	DE000NG5 5V63	500,000	6.39		3.5	5.0	3.0	20.0	0.0	1744.00 000000 00	1.0	0.1	USD
228,37	DE000NG5 5V71	500,000	6.63		3.5	5.0	3.0	20.0	0.0	1742.00 000000 00	1.0	0.1	USD
228,37 4	DE000NG5 5V89	500,000	6.87	1687.85 550000 00	3.5	5.0	3.0	20.0	0.0	1739.00 000000 00	1.0	0.1	USD
228,37 5	DE000NG5 5V97	500,000	7.11	1685.35 550000 00	3.5	5.0	3.0	20.0	0.0	1736.00 000000 00	1.0	0.1	USD
228,37 6	DE000NG5 5WA3	500,000	7.35	1682.85 550000 00	3.5	5.0	3.0	20.0	0.0	1734.00 000000 00	1.0	0.1	USD
228,37 7	DE000NG5 5WB1	500,000	7.58	1680.35 550000 00	3.5	5.0	3.0	20.0	0.0	1731.00 000000 00	1.0	0.1	USD

228,37	DE000NG5	500,000	7.82	1677.85	3.5	5.0	3.0	20.0	0.0	1729.00	1.0	0.1	USD
8	5WC9			550000						000000			
228,37	DE000NG5 5WD7	500,000	8.06	1675.35 550000	3.5	5.0	3.0	20.0	0.0	1726.00 000000	1.0	0.1	USD
9	3WD/			00						00			
228,38	DE000NG5 5WE5	500,000	8.3	1672.85 550000	3.5	5.0	3.0	20.0	0.0	1724.00 000000	1.0	0.1	USD
0	3 WES			00						00			
228,38	DE000NG5	500,000	8.54	1670.35	3.5	5.0	3.0	20.0	0.0	1721.00	1.0	0.1	USD
1	5WF2			550000						000000			
228,38	DE000NG5	500,000	8.78	1667.85	3.5	5.0	3.0	20.0	0.0	1718.00	1.0	0.1	USD
2	5WG0			550000 00						000000			
228,38	DE000NG5	500,000	9.02	1665.35	3.5	5.0	3.0	20.0	0.0	1716.00	1.0	0.1	USD
3	5WH8			550000 00						000000			
228,38	DE000NG5	500,000	9.26	1662.85	3.5	5.0	3.0	20.0	0.0	1713.00	1.0	0.1	USD
4	5WJ4			550000 00						000000			
228,38	DE000NG5	500,000	9.5	1660.35	3.5	5.0	3.0	20.0	0.0	1711.00	1.0	0.1	USD
5	5WK2			550000 00						000000			
228,38	DE000NG5	500,000	9.74	1657.85	3.5	5.0	3.0	20.0	0.0	1708.00	1.0	0.1	USD
6	5WL0			550000 00						000000			
228,38	DE000NG5	500,000	9.98	1655.35	3.5	5.0	3.0	20.0	0.0	1706.00	1.0	0.1	USD
7	5WM8			550000 00						000000			
228,38	DE000NG5	1,000,000	1.04	5.98100	3.5	5.0	10.0	20.0	0.0	6.58000	0.01	1.0	USD
8 228,38	5WN6 DE000NG5	1,000,000	1.28	00000 5.73100	3.5	5.0	10.0	20.0	0.0	00000 6.31000	0.01	1.0	USD
9	5WP1	1,000,000	1.20	00000	3.3	3.0	10.0	20.0	0.0	00000	0.01	1.0	USD
228,39	DE000NG5 5WQ9	1,000,000	1.52	5.48100 00000	3.5	5.0	10.0	20.0	0.0	6.03000 00000	0.01	1.0	USD
-	DE000NG5	500,000	1.07	20.3296	3.5	5.0	4.0	20.0	0.0	21.2000	0.1	1.0	USD
228,39	5WR7 DE000NG5	500,000	1.17	000000 20.2296	3.5	5.0	4.0			000000 21.1000	0.1	1.0	LIGD
2	5WS5	300,000	1.1/	000000	3.3	3.0	4.0	20.0	0.0	000000	0.1	1.0	USD
228,39	DE000NG5 5WT3	500,000	1.27	20.1296	3.5	5.0	4.0	20.0	0.0	21.0000	0.1	1.0	USD
3 228,39	DE000NG5	500,000	1.36	20.0296	3.5	5.0	4.0	20.0	0.0	000000 20.9000	0.1	1.0	USD
4	5WU1			000000				20.0	0.0	000000		1.0	CSD
228,39	DE000NG5 5WV9	500,000	1.46	19.9296 000000	3.5	5.0	4.0	20.0	0.0	20.8000	0.1	1.0	USD
228,39	DE000NG5	500,000	1.55	19.8296	3.5	5.0	4.0	20.0	0.0	20.7000	0.1	1.0	USD
6	5WW7	500,000	1.65	000000	2.5	5.0	1.0			000000	0.1	1.0	LIGD
228,39 7	DE000NG5 5WX5	500,000	1.65	19.7296 000000	3.5	5.0	4.0	20.0	0.0	20.6000 000000	0.1	1.0	USD
228,39	DE000NG5	500,000	1.74	19.6296	3.5	5.0	4.0	20.0	0.0	20.5000	0.1	1.0	USD
8 228,39	5WY3 DE000NG5	500,000	1.84	000000 19.5296	3.5	5.0	4.0	20.0	0.0	000000 20.4000	0.1	1.0	USD
9	5WZ0			000000				20.0	0.0	000000		1.0	
228,40	DE000NG5 5W05	500,000	1.94	19.4296 000000	3.5	5.0	4.0	20.0	0.0	20.3000	0.1	1.0	USD
228,40	DE000NG5	500,000	2.03	19.3296	3.5	5.0	4.0	20.0	0.0	20.2000	0.1	1.0	USD
1	5W13	500,000	2.12	000000	2.5	5.0	1.0			000000	0.1	1.0	LIGE
228,40	DE000NG5	500,000	2.13	19.2296	3.5	5.0	4.0	20.0	0.0	20.0000	0.1	1.0	USD

2	5W21			000000						000000			
228,40	DE000NG5	500,000	2.22	19.1296	3.5	5.0	4.0	20.0	0.0	19.9000	0.1	1.0	USD
3	5W39			000000					0.0	000000			
228,40	DE000NG5	500,000	2.32	19.0296	3.5	5.0	4.0	20.0	0.0	19.8000	0.1	1.0	USD
4	5W47			000000						000000			
228,40	DE000NG5	500,000	2.42	18.9296	3.5	5.0	4.0	20.0	0.0	19.7000	0.1	1.0	USD
5	5W54			000000						000000			
228,40	DE000NG5	500,000	2.51	18.8296	3.5	5.0	4.0	20.0	0.0	19.6000	0.1	1.0	USD
6	5W62			000000						000000			
228,40	DE000NG5	500,000	2.61	18.7296	3.5	5.0	4.0	20.0	0.0	19.5000	0.1	1.0	USD
7	5W70			000000						000000			
228,40	DE000NG5	500,000	2.7	18.6296	3.5	5.0	4.0	20.0	0.0	19.4000	0.1	1.0	USD
8	5W88			000000						000000			
228,40	DE000NG5	500,000	2.8	18.5296	3.5	5.0	4.0	20.0	0.0	19.3000	0.1	1.0	USD
9	5W96			000000						000000			
228,41	DE000NG5	500,000	2.89	18.4296	3.5	5.0	4.0	20.0	0.0	19.2000	0.1	1.0	USD
0	5XA1			000000						000000			
228,41	DE000NG5	500,000	2.99	18.3296	3.5	5.0	4.0	20.0	0.0	19.1000	0.1	1.0	USD
1	5XB9			000000						000000			
228,41	DE000NG5	500,000	3.09	18.2296	3.5	5.0	4.0	20.0	0.0	19.0000	0.1	1.0	USD
2	5XC7			000000						000000			
228,41	DE000NG5	500,000	3.18	18.1296	3.5	5.0	4.0	20.0	0.0	18.9000	0.1	1.0	USD
3	5XD5			000000						000000			
228,41	DE000NG5	500,000	3.28	18.0296	3.5	5.0	4.0	20.0	0.0	18.8000	0.1	1.0	USD
4	5XE3			000000						000000			
228,41	DE000NG5	500,000	3.37	17.9296	3.5	5.0	4.0	20.0	0.0	18.7000	0.1	1.0	USD
5	5XF0			000000						000000			
228,41	DE000NG5	500,000	3.47	17.8296	3.5	5.0	4.0	20.0	0.0	18.6000	0.1	1.0	USD
6	5XG8			000000						000000			
228,41	DE000NG5	500,000	3.57	17.7296	3.5	5.0	4.0	20.0	0.0	18.5000	0.1	1.0	USD
7	5XH6			000000						000000			

## ADDITIONAL SPECIFIC PRODUCT RELATED PROVISIONS:

24	Index Certificate Provisions	Not Applicable	
25	Share Certificate Provisions	Not Applicable	
26	<b>Currency Certificate Provisions</b>	Not Applicable	
27	Commodity Certificate Provisions	Applicable	

Series	ISIN	(i)	(ii)	(iii) Price	(iv)	(v)	(vi) Rollover	(vii)	(viii)
Numb	Code	Commodi	Commo	Source/	Speci	Delivery	Date	Exchang	Valuation
er of		ty	dity	Reference	fied	Dates		е	Time
the			Referen	Dealers	Price				
Certifi			ce Price						
cates									
228,32	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
8	G55UW1	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COG3		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		

				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
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						the	the case of		
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						determin	Issue Date)		
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							trading date		
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							relevant		
							Futures		
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							Commodity.		
228,32	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
9	G55UX9	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COG3		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation	00000	Exchange
				after the first		expiratio	Agent, in the		Enemange
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
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						highest	the first		
						volumes,			
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						determin	Issue Date) and ending		
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						ed by			
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						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
228,33	DE000N	Brent	Oil-Brent	Initially	The	the Calculati on Agent.	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The close
228,33			Oil-Brent -ICE			the Calculati on Agent.	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as		
	DE000N G55UY7	Brent Crude Oil	Oil-Brent -ICE	Bloomberg	The price	the Calculati on Agent.  (i) First nearby	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
				Bloomberg code: COG3		the Calculati on Agent.  (i) First nearby month	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
				Bloomberg		the Calculati on Agent.  (i) First nearby	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

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DEORON   STUZE   Page referring to the relevant Futures   Page referring to the relevant Page referring to the relevant Futures   Page referring to the relevant Futures   Page referring to the relevant Page referring t					Rollover Date		n or (ii)	period		
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228,33   DE000N   G55UZ4   Crude Oil   Full Part   Full Price of the Price of the Commodity.   The Commodity of the Calculation of the Price of the Commodity of the Exchange of the Price of trading date of the Commodity.								Days prior to		
228,33   DE000N   Brent   G55UZ4   Crude Oil   Dil-Brent   Fittures   Commodity   Crude Oil   Dil-Brent   Dil-Br								the last		
228,33   DE000N   Brent   G55UZ4   Crude Oil   Dil-Brent   Fittures   Commodity   Crude Oil   Dil-Brent   Dil-Br								trading date		
228,33   DE000N   G55UZ4   Crude Oil   Found oil   F										
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228,33   DE000N   G55UZ4   Crude Oil   -ICE   Bloomberg code: COG3   CCmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.   Contract.   Calculation   Calculation   Calculation   Crude Oil   -ICE   Crude Oil   -ICE   Bloomberg code: COG3   Comby and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.   Contract.   Contract										
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the Commodity.  228,33 DE000N Brent G55U07 Crude Oil Crude Oil Crude Oil Comdity Oil Crude Oil C					page referring to the relevant Futures		month of expiratio n with the highest volumes, as determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
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228,33 DE000N Brent Oil-Brent Initially G55U07 Crude Oil -ICE Bloomberg code: COG3 Cmdty> and Cmdty> and Cmdty> and Ci) First nearby month of Calculation Ci) Futures of trading on the Exchange					page referring to the relevant Futures		month of expiratio n with the highest volumes, as determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
2 G55U07 Crude Oil -ICE Bloomberg code: COG3 code: COG3 code: COG3 code: COG3 code: COG3 code: Code: COG3 code					page referring to the relevant Futures		month of expiratio n with the highest volumes, as determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
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<cmdty> and of Calculation Exchange</cmdty>					page referring to the relevant Futures Contract.		month of expiration n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as		
					page referring to the relevant Futures Contract.  Initially Bloomberg		month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
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							Futures		
							Contract of		
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							Commodity.		
228,33	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
3	G55U15	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
	G33013	Crude On	-ICE	code: COG3	price	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation	US SOIIS	
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				page referring to the relevant Futures		month of expiratio n with the highest volumes, a	on the previous Rollover Date (or in the case of the first Rollover Date the		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a	on the previous Rollover Date (or in the case of the first Rollover		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a	on the previous Rollover Date (or in the case of the first Rollover Date the		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
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				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
220 22	DEOGON	Dront	Oil Prost	page referring to the relevant Futures Contract.	The	month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The also-
228,33	DE000N	Brent	Oil-Brent	page referring to the relevant Futures Contract.	The	month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,33 4	DE000N G55U23	Brent Crude Oil	Oil-Brent -ICE	page referring to the relevant Futures Contract.  Initially Bloomberg	The	month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
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				to the relevant		of	previous		
				Futures		expiratio	Rollover		
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						determin	Issue Date)		
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228,33	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
5	G55U31	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COG3		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		8
				Rollover Date		n or (ii)	period		
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				to the relevant Futures		of expiration with the	previous Rollover Date (or in the case of		
				to the relevant Futures		of expiratio n with the highest	previous Rollover Date (or in the case of the first		
				to the relevant Futures		of expiratio n with the highest volumes, a	previous Rollover Date (or in the case of the first Rollover		
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				to the relevant Futures		of expiratio n with the highest volumes, a s determin	previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
				to the relevant Futures		of expiratio n with the highest volumes, as determin ed by	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		
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				to the relevant Futures		of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				to the relevant Futures		of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				to the relevant Futures		of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
				to the relevant Futures		of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				to the relevant Futures		of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				to the relevant Futures		of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
				to the relevant Futures		of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
	DECOCAL		0.1.5	to the relevant Futures Contract.	T	of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	TI
228,33	DE000N	Brent	Oil-Brent	to the relevant Futures Contract.	The .	of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,33 6	DE000N G55U49	Brent Crude Oil	Oil-Brent -ICE	to the relevant Futures Contract.  Initially Bloomberg	The	of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.  (i) First nearby	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
				Initially Bloomberg code: COG3		of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.  (i) First nearby month	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
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							Commodity.		
228,33	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
7	G55U56	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COG3		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
		1		after the first			A 41		
				after the first		expiratio	Agent, in the		
						expiratio n or (ii)	Agent, in the		
				Rollover Date		n or (ii)	period		
				Rollover Date the Bloomberg		n or (ii) the	period commencing		
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				Rollover Date the Bloomberg page referring to the relevant		n or (ii) the month of	period commencing on the previous		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio	period commencing on the previous Rollover		
				Rollover Date the Bloomberg page referring to the relevant		n or (ii) the month of expiratio n with	period commencing on the previous Rollover Date (or in		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the	period commencing on the previous Rollover Date (or in the case of		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest	period commencing on the previous Rollover Date (or in the case of the first		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the	period commencing on the previous Rollover Date (or in the case of the first Rollover		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, a	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, a s determin	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
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				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.		
228,33	DE000N	Brent	Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract.	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,33 8	DE000N G55U64	Brent Crude Oil	Oil-Brent -ICE	Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	ICE Futures	of trading
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as		I
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg code: COG3		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading on the
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the	Futures	of trading

				Rollover Date		n or (ii)	period .		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
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220.22	DEGGONI	D (	O'1 D 4	T '.' 11	TTI.	(') E' (	Commodity.	ICE	TTI 1
228,33	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
9	G55U72	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COG3		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
		1		after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				Rollover Date the Bloomberg		n or (ii) the	period commencing		
				Rollover Date the Bloomberg page referring		n or (ii) the month	period commencing on the		
				Rollover Date the Bloomberg page referring to the relevant		n or (ii) the month of	period commencing on the previous		
				Rollover Date the Bloomberg page referring		n or (ii) the month of expiratio	period commencing on the previous Rollover		
				Rollover Date the Bloomberg page referring to the relevant		n or (ii) the month of	period commencing on the previous Rollover Date (or in		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the	period commencing on the previous Rollover Date (or in the case of		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest	period commencing on the previous Rollover Date (or in the case of the first		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the	period commencing on the previous Rollover Date (or in the case of the first Rollover		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, a	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, a s determin	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, a	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, a s determin ed by	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
228.34	DE000N	Brent	Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract.	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The close
228,34	DE000N G55180	Brent Crude Oil	Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract.	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE Futures	The close of trading
228,34 0	DE000N G55U80	Brent Crude Oil	Oil-Brent -ICE	Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg	The price	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg code: COG3		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
				Contract.		the	the case of		
						highest	the first		
						_			
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
228,34	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
1	G55U98	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COG3	1	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		Exemunge
						Сирпано	rigent, in the		
				Rollover Date		n or (ii)	neriod		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				the Bloomberg page referring		the month	commencing on the		
				the Bloomberg page referring to the relevant		the month of	commencing on the previous		
				the Bloomberg page referring to the relevant Futures		the month of expiratio	commencing on the previous Rollover		
				the Bloomberg page referring to the relevant		the month of expiratio n with	commencing on the previous Rollover Date (or in		
				the Bloomberg page referring to the relevant Futures		the month of expiratio n with the	commencing on the previous Rollover Date (or in the case of		
				the Bloomberg page referring to the relevant Futures		the month of expiratio n with the highest	commencing on the previous Rollover Date (or in the case of the first		
				the Bloomberg page referring to the relevant Futures		the month of expiratio n with the	commencing on the previous Rollover Date (or in the case of the first Rollover		
				the Bloomberg page referring to the relevant Futures		the month of expiratio n with the highest	commencing on the previous Rollover Date (or in the case of the first		
				the Bloomberg page referring to the relevant Futures		the month of expiration with the highest volumes, a	commencing on the previous Rollover Date (or in the case of the first Rollover		
				the Bloomberg page referring to the relevant Futures		the month of expiration with the highest volumes, as	commencing on the previous Rollover Date (or in the case of the first Rollover Date the		
				the Bloomberg page referring to the relevant Futures		the month of expiration with the highest volumes, as determin	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculati	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculati	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				the Bloomberg page referring to the relevant Futures		the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
228,34	DE000N	Brent	Oil-Brent	the Bloomberg page referring to the relevant Futures Contract.	The	the month of expiration n with the highest volumes, as determined by the Calculation	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the	ICE	The close
		1		the Bloomberg page referring to the relevant Futures Contract.		the month of expiration n with the highest volumes, as determined by the Calculation Agent.	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE Futures	
228,34 2	DE000N G55VA5	Brent Crude Oil	Oil-Brent -ICE	the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg	The price	the month of expiration n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		1		the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg code: COG3		the month of expiration n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
		1		the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg		the month of expiration n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby	commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						s volumes, a	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the Calculati	not less than		
							5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
228,34	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
3	G55VB3	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
	GSSVBS	Crude on	ICL	code: COG3	Price	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation	05 5016	Exchange
				after the first		expiratio	Agent, in the		Exchange
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
							not less than 5		
i						the	not less than 5 Commodity		
						the Calculati on	not less than 5 Commodity Business		
						the Calculati	not less than 5 Commodity		
						the Calculati on	not less than 5 Commodity Business		
						the Calculati on	not less than 5 Commodity Business Days prior to the last		
						the Calculati on	not less than 5 Commodity Business Days prior to		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
229 24	DEOGN	Drawk	Oil D.	Tuitiolle	Tl	the Calculati on Agent.	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The ele
228,34	DE000N	Brent	Oil-Brent	Initially	The	the Calculati on Agent.	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,34 4	DE000N G55VC1	Brent Crude Oil	Oil-Brent -ICE	Bloomberg	The price	the Calculati on Agent.  (i) First nearby	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		1		Bloomberg code: COG3		the Calculati on Agent.  (i) First nearby month	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
		1		Bloomberg		the Calculati on Agent.  (i) First nearby	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
				Contract.		the	the case of		
						highest	the first		
						_			
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						1150111.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
228,34	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
5	G55VD9	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COG3		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		S
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				1 utures			ROHOVCI		
				Contract			Data (or in		
				Contract.		n with	Date (or in		
				Contract.		n with the	the case of		
				Contract.		n with the highest	the case of the first		
				Contract.		n with the highest volumes, a	the case of the first Rollover		
				Contract.		n with the highest volumes, a	the case of the first Rollover Date the		
				Contract.		n with the highest volumes, a s determin	the case of the first Rollover Date the Issue Date)		
				Contract.		n with the highest volumes, a s determin ed by	the case of the first Rollover Date the Issue Date) and ending		
				Contract.		n with the highest volumes, a s determin ed by the	the case of the first Rollover Date the Issue Date) and ending not less than		
				Contract.		n with the highest volumes, as determin ed by the Calculati	the case of the first Rollover Date the Issue Date) and ending not less than 5		
				Contract.		n with the highest volumes, a s determin ed by the	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
				Contract.		n with the highest volumes, as determin ed by the Calculati	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
				Contract.		n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				Contract.		n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				Contract.		n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				Contract.		n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
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228,35	DE000N	Brent	Oil-Brent		The	(i) First	A date, as	ICE	The close
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				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.		
228,35		Brent	Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract.	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,35 8	DE000N G55VS7	Brent Crude Oil	Oil-Brent -ICE	Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	ICE Futures	of trading
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		1		Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading on the
		1		Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg code: COG3		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the	Futures	of trading

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1 '	DE000N	Brent	Oil-Brent		The	(i) First	A date, as	ICE	The close
9	G55VT5	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COG3		month	by the	US Softs	on the
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				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
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				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
229.26	DECOON	Drawk	Oil D.	page referring to the relevant Futures Contract.	TL	month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The ale
	DE000N	Brent	Oil-Brent	page referring to the relevant Futures Contract.	The	month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,36 0	DE000N G55VU3	Brent Crude Oil	Oil-Brent -ICE	page referring to the relevant Futures Contract.  Initially Bloomberg	The	month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
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228,36 DE000N Brent Oil-Brent Initially The (i) First A date, as ICE The cl	
1 G55VV1 Crude Oil -ICE Bloomberg price nearby determined Futures of trace	ng
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228,36 DE000N Brent Oil-Brent Initially The (i) First A date, as ICE The cl	Se l
2 G55VW9 Crude Oil -ICE Bloomberg price nearby determined Futures of trace	ng
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							Contract of		
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228 36	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
3	G55VX7	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
	GSSVA	Crude on	ICL	code: COG3	Piles	month	by the	US Softs	on the
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				to the relevant Futures		month of expiratio n with the highest volumes, a	on the previous Rollover Date (or in the case of the first Rollover		
				to the relevant Futures		month of expiratio n with the highest volumes, a	on the previous Rollover Date (or in the case of the first Rollover Date the		
				to the relevant Futures		month of expiratio n with the highest volumes, a s determin	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		
				to the relevant Futures		month of expiratio n with the highest volumes, as determin ed by the	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than		
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				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
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				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
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				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati on	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
228.36	DE000N	Brent	Oil-Brent	to the relevant Futures Contract.	The	month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The close
228,36		Brent Crude Oil	Oil-Brent	to the relevant Futures Contract.	The	month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE Futures	The close of trading
228,36 4	DE000N G55VY5	Brent Crude Oil	Oil-Brent -ICE	to the relevant Futures Contract.  Initially Bloomberg	The price	month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		1		Initially Bloomberg code: COG3		month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
		1		to the relevant Futures Contract.  Initially Bloomberg		month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

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	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
5	G55VZ2	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
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				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, a s determin	period commencing on the previous Rollover Date (or in the case of the first Rollover		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, a	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
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				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
228,36	DE000N	Brent	Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the	ICE	The close
228,36 6		1		Rollover Date the Bloomberg page referring to the relevant Futures Contract.		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures	The close of trading
	DE000N G55V06	Brent Crude Oil	Oil-Brent -ICE	Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		1		Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg code: COG3		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
1 1		1		Rollover Date the Bloomberg page referring to the relevant Futures Contract.  Initially Bloomberg		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
				Contract.		the	the case of		
							the first		
						highest			
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
228.36	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
7	G55V14	0014	t	\$/OZ	price	nearby	determined	Futures	of trading
'	G33 V 14			(Bloomberg	Price	month	by the	US Softs	on the
				code: XAU		of	Calculation	US Soits	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				<crificy>)</crificy>					
						n or (ii)	period .		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
						Led by	rang enging		
						ed by	and ending		
						the	not less than		
						the Calculati	not less than 5		
						the Calculati on	not less than 5 Commodity		
						the Calculati	not less than 5 Commodity Business		
						the Calculati on	not less than 5 Commodity Business Days prior to		
						the Calculati on	not less than 5 Commodity Business Days prior to the last		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
						the Calculati on	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
229.24	DEGGON		Gold Suc	COLDEDOT	The	the Calculati on Agent.	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The alone
	DE000N	Gold	Gold-Spo	GOLD SPOT	The	the Calculati on Agent.	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,36 8	DE000N G55V22	Gold	Gold-Spo t	\$/OZ	The price	the Calculati on Agent.  (i) First nearby	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		Gold	_	\$/OZ (Bloomberg		the Calculati on Agent.  (i) First nearby month	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
		Gold	_	\$/OZ		the Calculati on Agent.  (i) First nearby	not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

				-			-		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						s volumes, a	Date the		
						determin			
							Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						~	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
			- 44 -				Commodity.		
	DE000N	Gold	Gold-Spo		The	(i) First	A date, as	ICE	The close
9	G55V30		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						month of	on the		
						of	previous		
						of expiratio	previous Rollover		
						of expiratio n with	previous Rollover Date (or in		
						of expiratio n with the	previous Rollover Date (or in the case of		
						of expiratio n with the highest	previous Rollover Date (or in the case of the first		
						of expiratio n with the highest volumes, a	previous Rollover Date (or in the case of the first Rollover		
						of expiratio n with the highest volumes, a	previous Rollover Date (or in the case of the first Rollover Date the		
						of expiratio n with the highest volumes, a s determin	previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
						of expiratio n with the highest volumes, a s determin ed by	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		
						of expiratio n with the highest volumes, as determin ed by the	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than		
						of expiratio n with the highest volumes, a s determin ed by the Calculati	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		
						of expiratio n with the highest volumes, as determin ed by the	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
						of expiratio n with the highest volumes, a s determin ed by the Calculati	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
						of expiratio n with the highest volumes, a s determin ed by the Calculati on	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
200.27	DECOON				T-1	of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	T
228,37	DE000N	Gold	Gold-Spo	GOLD SPOT	The	of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,37 0	DE000N G55V48	Gold	Gold-Spo t	\$/OZ	The	of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		Gold	-	\$/OZ (Bloomberg		of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.  (i) First nearby month	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
		Gold	-	\$/OZ (Bloomberg code: XAU		of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation	Futures	of trading
		Gold	-	\$/OZ (Bloomberg		of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.  (i) First nearby month	previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the	Futures	of trading on the

						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
							Business		
						Agent.			
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
220.27	DECOON	G 11	C 11 C	COLD CDOT	TI	(') E'	Commodity.	ICE	T1 1
1	DE000N	Gold	_	GOLD SPOT	The	(i) First	A date, as		The close
1	G55V55		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
							the case of		
						l tha			
						the			
						highest	the first		
						highest volumes, a	the first Rollover		
						highest volumes, a	the first Rollover Date the		
						highest volumes, a s determin	the first Rollover Date the Issue Date)		
						highest volumes, a s determin ed by	the first Rollover Date the Issue Date) and ending		
						highest volumes, a s determin ed by the	the first Rollover Date the Issue Date)		
						highest volumes, a s determin ed by	the first Rollover Date the Issue Date) and ending		
						highest volumes, a s determin ed by the	the first Rollover Date the Issue Date) and ending not less than		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5		
						highest volumes, a s determin ed by the Calculati	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
						highest volumes, a s determin ed by the Calculati on	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
228,37	DE000N	Gold	Gold-Spo	GOLD SPOT	The	highest volumes, a s determin ed by the Calculati on Agent.	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The close
228,37 2		Gold	Gold-Spo			highest volumes, a s determin ed by the Calculati on Agent.	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as		
228,37 2	DE000N G55V63	Gold	Gold-Spo t	\$/OZ	The price	highest volumes, a s determin ed by the Calculati on Agent.  (i) First nearby	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		Gold	_	\$/OZ (Bloomberg		highest volumes, as determined by the Calculation Agent.  (i) First nearby month	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
		Gold	_	\$/OZ		highest volumes, a s determin ed by the Calculati on Agent.  (i) First nearby	the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

228,37	DE000N G55V71	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month of expiration or (ii) the month of expiration with the highest volumes, as determined by the Calculation Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of	ICE Futures US Softs	The close of trading on the Exchange
228,37	DE000N G55V89	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg	The price	(i) First nearby month	Futures	ICE Futures US Softs	The close of trading on the
				code: XAU <crncy>)</crncy>		of expiratio	Calculation Agent, in the	US SOIIS	Exchange Exchange

						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						8	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
228,37	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
5	G55V97		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		8
				,		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
							Rollover		
						expiratio			
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
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I							the last		
							the last trading date		
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							trading date of the relevant		
							trading date of the relevant Futures		
							trading date of the relevant Futures Contract of		
							trading date of the relevant Futures Contract of the		
							trading date of the relevant Futures Contract of		
228,37	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	trading date of the relevant Futures Contract of the	ICE	The close
228,37 6		Gold	Gold-Spo t	GOLD SPOT \$/OZ		* /	trading date of the relevant Futures Contract of the Commodity.	ICE Futures	
	DE000N G55WA3	Gold	_	\$/OZ	The price	nearby	trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		Gold	_	\$/OZ (Bloomberg		nearby month	trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
		Gold	_	\$/OZ		nearby	trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

228,37	DE000N G55WB1	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month of expiration or (ii) the month of expiration with the highest volumes, as determined by the Calculation Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of	ICE Futures US Softs	The close of trading on the Exchange
228,37 8	DE000N G55WC9	Gold	Gold-Spo t	GOLD SPOT \$/OZ	The price	(i) First nearby		ICE Futures	The close of trading
J	GJJ W C 9		ı	(Bloomberg code: XAU <crncy>)</crncy>	Price	month of expiratio	by the Calculation Agent, in the	US Softs	on the Exchange

						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
							Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
228,37	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
9	G55WD7	Gold	t	\$/OZ	price	nearby	determined	Futures	of trading
]	G33WD/		l l	The state of the s	price	month	by the		on the
				(Bloomberg				US Softs	
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
		I			Ī	Calculati	5		
		1							
						on	Commodity		
						on Agent.	Business		
							Business Days prior to		
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							Business Days prior to the last trading date of the relevant		
							Business Days prior to the last trading date of the relevant Futures		
							Business Days prior to the last trading date of the relevant Futures Contract of		
							Business Days prior to the last trading date of the relevant Futures Contract of the		
						Agent.	Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.		
228,38	DE000N	Gold	Gold-Spo	GOLD SPOT	The		Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,38 0	DE000N G55WE5	Gold	Gold-Spo t	GOLD SPOT \$/OZ	The price	Agent.	Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures	The close of trading
		Gold	_			Agent.  (i) First	Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as		
		Gold	_	\$/OZ (Bloomberg		(i) First nearby month	Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the	Futures	of trading on the
		Gold	_	\$/OZ		(i) First nearby	Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

228,38	DE000N G55WF2	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month of expiration or (ii) the month of expiration with the highest volumes, as determined by the Calculation Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the	ICE Futures US Softs	The close of trading on the Exchange
228,38	DE000N	Gold	Gold-Spo		The	(i) First	Contract of	ICE	The close
2	G55WG0		t	\$/OZ (Bloomberg code: XAU <crncy>)</crncy>	price	nearby month of expiratio	determined by the Calculation Agent, in the	Futures US Softs	of trading on the Exchange

						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
		1							
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
228,38	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
3	G55WH8	Gold	t	\$/OZ	price	nearby	determined	Futures	of trading
	G55 W116		'	(Bloomberg	price	month	by the	US Softs	on the
				code: XAU		of	Calculation	03 3013	
									Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
				(Crncy>)		n or (ii)	period		
				(Crncy>)		n or (ii) the	period commencing		
				(Cricy)		n or (ii) the month	period commencing on the		
				(Cmcy>)		n or (ii) the	period commencing on the previous		
				<cmcy>)</cmcy>		n or (ii) the month	period commencing on the		
				<cmcy>)</cmcy>		n or (ii) the month of	period commencing on the previous Rollover		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with	period commencing on the previous Rollover Date (or in		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the	period commencing on the previous Rollover Date (or in the case of		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the highest	period commencing on the previous Rollover Date (or in the case of the first		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the highest volumes, a	period commencing on the previous Rollover Date (or in the case of the first Rollover		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the highest volumes, a	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the		
				<cricy>)</cricy>		n or (ii) the month of expiratio n with the highest volumes, a s determin	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
				<cricy>)</cricy>		n or (ii) the month of expiratio n with the highest volumes, a s determin ed by	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		
				<cricy>)</cricy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
				<cricy>)</cricy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				<criecy>)</criecy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				<cmcy>)</cmcy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				<criecy>)</criecy>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
				<criey>)</criey>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				<criey>)</criey>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				<criey>)</criey>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
				<criey>)</criey>		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
						n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.		
228,38	DE000N	Gold	Gold-Spo	GOLD SPOT	The	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,38	DE000N G55WJ4	Gold	Gold-Spo t	GOLD SPOT \$/OZ	The price	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		Gold	_	GOLD SPOT \$/OZ (Bloomberg		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		
		Gold	_	GOLD SPOT \$/OZ		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading on the
		Gold	_	GOLD SPOT \$/OZ (Bloomberg		n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the	Futures	of trading

228,38 5	DE000N G55WK2	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the	ICE Futures US Softs	The close of trading on the Exchange
228,38 6	DE000N G55WL0	Gold	Gold-Spo t	GOLD SPOT \$/OZ	The price	(i) First nearby		ICE Futures	The close of trading
	27.1.20			(Bloomberg code: XAU <crncy>)</crncy>	•	month of expiratio	by the Calculation Agent, in the	US Softs	on the Exchange

						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
228,38	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
7	G55WM8		t	\$/OZ	price	nearby	determined	Futures	of trading
<u> </u>	000 11110			(Bloomberg	F	month	by the	US Softs	on the
				code: XAU		of	Calculation	CB Boils	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				(Cincy)		n or (ii)	period		
						the	-		
						l	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
							Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
		1					relevant		
		1					Futures		
		1					Contract of		
							the		
							Commodity.		
228,38	DE000N	Natural	Natural	Initially	The	(i) First	A date, as	ICE	The close
8		1	Gas-NY	Bloomberg		nearby	determined	Futures	of trading
I o	G55WN6	Gas			price				
1									
			MEX	code: NGF23		month	by the	US Softs	on the
			MEX	<pre>code: NGF23 <cmdty> and after the first</cmdty></pre>		of expiratio	Calculation Agent, in the	US Soits	Exchange

				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						s volumes, a	Date the		
						determin			
							Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
220.20	DEGGOVI	NT . 1	NT / 1	T '.' 11	TE1	(') E' +	Commodity.	ICE	T 1
1 '	DE000N	Natural	Natural	Initially	The	(i) First	A date, as	ICE	The close
9	G55WP1	Gas	Gas-NY	Bloomberg	price	nearby	determined	Futures	of trading
			MEX	code: NGF23		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
						une			
				page referring		month	on the		
				page referring		month of	on the		
				page referring to the relevant		month	on the previous Rollover		
				page referring to the relevant Futures		month of expiratio n with	on the previous Rollover Date (or in		
				page referring to the relevant Futures		month of expiratio n with the	on the previous Rollover Date (or in the case of		
				page referring to the relevant Futures		month of expiratio n with the highest	on the previous Rollover Date (or in the case of the first		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a	on the previous Rollover Date (or in the case of the first Rollover		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a	on the previous Rollover Date (or in the case of the first Rollover Date the		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determin ed by the	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, a s determin ed by the Calculati	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
				page referring to the relevant Futures		month of expiratio n with the highest volumes, as determined by the Calculation	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
228 39	DE000N	Natural	Natural	page referring to the relevant Futures Contract.	The	month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE	The close
	DE000N G55W00	Natural Gas	Natural Gas-NY	page referring to the relevant Futures Contract.	The	month of expiration n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE Futures	The close of trading
228,39 0	DE000N G55WQ9	Natural Gas	Gas-NY	page referring to the relevant Futures Contract.  Initially Bloomberg	The price	month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
				page referring to the relevant Futures Contract.  Initially Bloomberg code: NGF23		month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
			Gas-NY	page referring to the relevant Futures Contract.  Initially Bloomberg		month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

	Ī	1	l	Rollover Date	1	n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
				Contract.		the	the case of		
						highest	the first		
						volumes, a			
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						11501111	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
	DE000N	Silver	Silver-Sp		The	(i) First	A date, as	ICE	The close
1	G55WR7		ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg code: XAG		month of	by the	US Softs	on the
							Calculation		Exchange
				<crncy>)</crncy>		expiratio n or (ii)	Agent, in the period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
				1			the last trading date		
				1			of the		
				1			relevant		
				1			Futures		
				1			Contract of		
							the		
							Commodity.		
	DE000N	Silver	Silver-Sp		The	(i) First	A date, as	ICE	The close
2	G55WS5		ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAG <crncy>)</crncy>		of expiratio	Calculation Agent, in the		Exchange

n or (ii) period the commencing	
month on the	
of previous	
expiratio Rollover	
n with Date (or in	
the the case of	
highest the first	
volumes, a Rollover	
s Date the	
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ed by and ending	
the not less than	
Calculati 5	
on Commodity	
Agent. Business Days prior to	
the last	
trading date	
of the	
relevant	
Futures	
the	
Commodity.	
228,39 DE000N Silver Silver-Sp SILVER The (i) First A date, as ICE	The close
3 G55WT3 ot SPOT \$/OZ price nearby determined Futur	1 0 1
(Bloomberg month by the US S	
code: XAG of Calculation	Exchange
Crncy>)   expiratio   Agent, in the	
n or (ii) period	
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n with Date (or in	
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highest the first	
volumes, a Rollover	
s Date the	
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ed by and ending the not less than	
Calculati 5	
on Commodity	
Agent. Business Days prior to	
the last	
trading date	
of the	
relevant	
Futures	
Contract of	
the	
Commodity.	
228,39 DE000N Silver Silver-Sp SILVER The (i) First A date, as ICE	<del></del>
1 / 1   1   1   1   1   1   1   1   1	The close
4 G55WU1 ot SPOT \$/OZ price nearby determined Futur	es of trading
4 G55WU1 ot SPOT \$/OZ price nearby determined Futur (Bloomberg month by the US S	of trading on the
4 G55WU1 ot SPOT \$/OZ price nearby determined Futur	es of trading

of the relevant Futures Contract of the Commodity.  Silver Silver-Sp ot SPOT \$/OZ (Bloomberg code: XAG)  Silver Silver-Sp ot Silver price nearby determined by the of Calculation expiratio Agent, in the Silver Spots on the Exchange	228,39	DE000N G55WV9	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month of expiration or (ii) the month of expiration with the highest volumes, as determined by the Calculation Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	ICE Futures US Softs	The close of trading on the Exchange
trading date of the relevant Futures Contract of the Commodity.  228,39 DE000N Silver Silver-Sp ot SPOT \$/OZ price nearby determined by the Calculation Silver Softs on the Exchange							the Calculati on	not less than 5 Commodity Business Days prior to		
228,39 DE000N G55WW7 Silver Silver-Sp ot SPOT \$\( \)OZ (Bloomberg code: XAG Silver Silver SPOT \$\( \)OZ (i) First nearby determined by the Calculation Calculation CE The close of trading by the Exchange								trading date of the relevant Futures Contract of the		
i i i i i i i i i i i i i i i i i i i			Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of	A date, as determined by the Calculation	Futures	of trading on the

						n or (ii) the	period commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
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228,39	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE	The close
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228,39	DE000N	Silver	Silver-Sp	SILVER	The	month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,39 8	DE000N G55WY3	Silver	Silver-Sp ot	SPOT \$/OZ	The	month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
		Silver	_	SPOT \$/OZ (Bloomberg		month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the		of trading on the
		Silver	_	SPOT \$/OZ		month of expiratio n with the highest volumes, as determined by the Calculation Agent.	on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

DEOON   Silver   Silver-Sp   Silver   SPOT S/OZ   Commodity   Co							n or (ii) the	period		
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228,39   DE000N   Silver   Silver-Sp   Silver   SPOT S/OZ (Bloomberg code: XAG   <crimcy>)   Silver   Silver-Sp   Silver   SPOT S/OZ (Bloomberg code: XAG   <crimcy>)   Silver   Silver   Silver-Sp   Silver   SPOT S/OZ (Bloomberg code: XAG   <crimcy-special <cri="" state=""  ="">Magent.   Spot Silver   SPOT S/OZ (Bloomberg code: XAG   <crimcy-special <cri="" state=""  ="">Magent.   Spot Silver   SPOT S/OZ (Bloomberg code: XAG   <crimcy-special <cri="" state=""  ="">Magent.   Spot Silver   Spot Sil</crimcy-special></crimcy-special></crimcy-special></crimcy></crimcy>										I
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228,39   DE000N   Silver   Silver-Sp   Silver   SpOT S/OZ   (Bloomberg code: XAG < Crney>)   The commodity   Crney>   Silver   SpOT S/OZ   (Bloomberg code: XAG   Crney>)   The commodity   Silver   SpOT S/OZ   (Bloomberg code: XAG   Crney>)   The commodity   Silver   SpOT S/OZ   (Bloomberg code: XAG   Crney>)   The commodity   SpOT S/OZ										I
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228,40	DE000N G55W13	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month of expiration or (ii) the month of expiration with the highest volumes, as determined by the Calculation Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange
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	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	Futures Contract of the Commodity. A date, as	ICE	The close
2	G55W21		ot	SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	price	nearby month of expiratio	determined by the Calculation Agent, in the	Futures US Softs	of trading on the Exchange

228,40	DE000N G55W39	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The price	n or (ii) the month of expiratio on with the highest volumes, as determined by the Calculati on Agent.  (i) First nearby month of expiratio nor (ii) the month of expiratio n with the highest volumes, as determined by the Calculati on Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange
228,40 4	DE000N G55W47	Silver	Silver-Sp ot	SILVER SPOT \$/OZ	The price	(i) First nearby	Contract of	ICE Futures	The close of trading
	333 W 47		ot .	(Bloomberg code: XAG <crncy>)</crncy>	price	month of expiratio	by the Calculation Agent, in the	US Softs	on the Exchange

228,40	DE000N G55W54	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month of expiration or (ii) the month of expiration with the highest volumes, as determined by the Calculation Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.  A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the	ICE Futures US Softs	The close of trading on the Exchange
228,40 6	DE000N G55W62	Silver	Silver-Sp ot	SILVER SPOT \$/OZ	The price	(i) First nearby	Contract of the Commodity. A date, as determined	ICE Futures	The close of trading
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228,40	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE	The close
7	G55W70		ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
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	DE000N G55W88	Silver	Silver-Sp ot	SPOT \$/OZ	The price	(i) First nearby	Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading
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		Silver	-	SPOT \$/OZ		(i) First nearby	Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

228,40	DE000N G55W96	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determined by the Calculation Agent.  (i) First nearby month of expiration or (ii) the month of expiration with the highest volumes, as determined by the Calculation Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange
	DE000N	Silver	Silver-Sp	SILVER SPOT \$/07	The	(i) First	Futures Contract of the Commodity. A date, as	ICE Futures	The close
0	G55XA1		ot	SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	price	nearby month of expiratio	determined by the Calculation Agent, in the	Futures US Softs	of trading on the Exchange

228,41	DE000N G55XB9	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The price	n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.  (i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange
228,41	DE000N G55XC7	Silver	Silver-Sp ot	SILVER SPOT \$/OZ	The price	(i) First nearby	Contract of the Commodity. A date, as determined	ICE Futures	The close of trading
				(Bloomberg code: XAG <crncy>)</crncy>		month of expiratio	by the Calculation Agent, in the	US Softs	on the Exchange

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						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		
						n with the highest volumes, as determin ed by the Calculati	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
						n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
						n with the highest volumes, as determin ed by the Calculati on Agent.	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.		
228,41	DE000N	Silver	Silver-Sp	SILVER	The	n with the highest volumes, a s determin ed by the Calculati on	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as	ICE	The close
228,41 6	DE000N G55XG8	Silver	Silver-Sp ot	SILVER SPOT \$/OZ	The price	n with the highest volumes, as determin ed by the Calculati on Agent.	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures	The close of trading
		Silver	_			n with the highest volumes, as determin ed by the Calculati on Agent.	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as		
		Silver	_	SPOT \$/OZ (Bloomberg		n with the highest volumes, as determin ed by the Calculati on Agent.  (i) First nearby month	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined by the	Futures	of trading on the
		Silver	_	SPOT \$/OZ		n with the highest volumes, as determin ed by the Calculati on Agent.  (i) First nearby	the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. A date, as determined	Futures	of trading

						n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.		
228,41	DE000N G55XH6	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange

28	Fund Certificate Provisions	Not Applicable
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29	<b>Government Bond Certificate Provisions</b>	Not Applicable
30	Other Bond Certificate Provisions	Not Applicable
	1	
31	Index Futures Certificate Provisions	Not Applicable
	ed on behalf of the Issuer:	
Duly	authorised	
Ву:		
Duly	authorised	

#### PART B - OTHER INFORMATION

#### 1 LISTING

(i)	Listing:	The Freiverkehr section of the Frankfurt Stock Exchange
(ii)	Admission to trading:	Application is expected to be made by the Issuer (or on its behalf) for the Certificates to be admitted to trading on The Freiverkehr section of the Frankfurt Stock Exchange
(iii)	Estimate of total expenses related to admission to trading:	EUR 500

#### 2 RATINGS

Ratings: The Certificates to be issued will not be rated
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### 3 INTERESTS OF NATURAL AND LEGAL PERSONS INVOLVED IN THE ISSUE

Save for any fees payable to the Dealers, so far as the Issuer is aware, no person involved in the offer of the Certificates has an interest material to the offer. The Dealers and their affiliates have engaged, and may in the future engage, in investment banking and/or commercial banking transactions with, and may perform other services for, the Issuer and its affiliates in the ordinary course of business.

## 4 REASONS FOR THE OFFER, ESTIMATED NET PROCEEDS AND TOTAL EXPENSES

(i) Reasons for the offer	See "Use of Proceeds" wording in Base Prospectus
(ii) Estimated total expenses	The terms of the Public Offer do not provide for any
	expenses and/or taxes to be charged to any purchaser
	of the Certificates

#### 5 INFORMATION CONCERNING THE UNDERLYING

Underlying	Information on the underlying can be obtained from the below
	specified source.
Gold	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: XAU <crncy>)</crncy>
Brent Crude Oil	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the

	Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: CO1 <cmdty>)</cmdty>
Silver	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: XAG <crncy>)</crncy>
Natural Gas	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: NG1 < Cmdty>)

### 6 POST-ISSUANCE INFORMATION

Post-issuance information will be made available on the website of the Issuer www.ingmarkets.de, www.ingsprinters.nl, www.ingturbo.fr or any succesor website. There is no assurance that the Issuer will continue to provide such information for the life of the Certificates.

## 7 OPERATIONAL INFORMATION

(i)ISIN Code	(ii) Common Code	(iii) Other relevant code
DE000NG55UW1	Not Applicable	NG55UW
DE000NG55UX9	Not Applicable	NG55UX
DE000NG55UY7	Not Applicable	NG55UY
DE000NG55UZ4	Not Applicable	NG55UZ
DE000NG55U07	Not Applicable	NG55U0
DE000NG55U15	Not Applicable	NG55U1
DE000NG55U23	Not Applicable	NG55U2
DE000NG55U31	Not Applicable	NG55U3
DE000NG55U49	Not Applicable	NG55U4
DE000NG55U56	Not Applicable	NG55U5
DE000NG55U64	Not Applicable	NG55U6
DE000NG55U72	Not Applicable	NG55U7
DE000NG55U80	Not Applicable	NG55U8
DE000NG55U98	Not Applicable	NG55U9
DE000NG55VA5	Not Applicable	NG55VA
DE000NG55VB3	Not Applicable	NG55VB
DE000NG55VC1	Not Applicable	NG55VC
DE000NG55VD9	Not Applicable	NG55VD
DE000NG55VE7	Not Applicable	NG55VE
DE000NG55VF4	Not Applicable	NG55VF
DE000NG55VG2	Not Applicable	NG55VG

DE000NG55VH0	Not Applicable	NOSSYII
DE000NG55VJ6	Not Applicable  Not Applicable	NG55VH
DE000NG55VK4	Not Applicable  Not Applicable	NG55VJ
DE000NG55VL2	Not Applicable	NG55VK NG55VL
DE000NG55VM0	Not Applicable  Not Applicable	
DE000NG55VN8	Not Applicable  Not Applicable	NG55VM
DE000NG55VP3	* *	NG55VN
DE000NG55VQ1	Not Applicable  Not Applicable	NG55VP
DE000NG55VR9	Not Applicable  Not Applicable	NG55VQ
DE000NG55VS7	* *	NG55VR
DE000NG55VT5	Not Applicable	NG55VS
DE000NG55VU3	Not Applicable	NG55VT
DE000NG55VV1	Not Applicable	NG55VU
DE000NG55VW9	Not Applicable	NG55VV
	Not Applicable	NG55VW
DE000NG55VX7	Not Applicable	NG55VX
DE000NG55VY5	Not Applicable	NG55VY
DE000NG55VZ2	Not Applicable	NG55VZ
DE000NG55V06	Not Applicable	NG55V0
DE000NG55V14	Not Applicable	NG55V1
DE000NG55V22	Not Applicable	NG55V2
DE000NG55V30	Not Applicable	NG55V3
DE000NG55V48	Not Applicable	NG55V4
DE000NG55V55	Not Applicable	NG55V5
DE000NG55V63	Not Applicable	NG55V6
DE000NG55V71	Not Applicable	NG55V7
DE000NG55V89	Not Applicable	NG55V8
DE000NG55V97	Not Applicable	NG55V9
DE000NG55WA3	Not Applicable	NG55WA
DE000NG55WB1	Not Applicable	NG55WB
DE000NG55WC9	Not Applicable	NG55WC
DE000NG55WD7	Not Applicable	NG55WD
DE000NG55WE5	Not Applicable	NG55WE
DE000NG55WF2	Not Applicable	NG55WF
DE000NG55WG0	Not Applicable	NG55WG
DE000NG55WH8	Not Applicable	NG55WH
DE000NG55WJ4	Not Applicable	NG55WJ
DE000NG55WK2	Not Applicable	NG55WK
DE000NG55WL0	Not Applicable	NG55WL
DE000NG55WM8	Not Applicable	NG55WM
DE000NG55WN6	Not Applicable	NG55WN
DE000NG55WP1	Not Applicable	NG55WP
DE000NG55WQ9	Not Applicable	NG55WQ
DE000NG55WR7	Not Applicable	NG55WR
DE000NG55WS5	Not Applicable	NG55WS
DE000NG55WT3	Not Applicable	NG55WT
DE000NG55WU1	Not Applicable	NG55WU
DE000NG55WV9	Not Applicable	NG55WV
DE000NG55WW7	Not Applicable	NG55WW
DE000NG55WX5	Not Applicable	NG55WX
DE000NG55WY3	Not Applicable	NG55WY
DE000NG55WZ0	Not Applicable	NG55WZ
DE000NG55W05	Not Applicable	NG55W0
	11	11000 110

DE000NG55W13	Not Applicable	NG55W1
DE000NG55W21	Not Applicable	NG55W2
DE000NG55W39	Not Applicable	NG55W3
DE000NG55W47	Not Applicable	NG55W4
DE000NG55W54	Not Applicable	NG55W5
DE000NG55W62	Not Applicable	NG55W6
DE000NG55W70	Not Applicable	NG55W7
DE000NG55W88	Not Applicable	NG55W8
DE000NG55W96	Not Applicable	NG55W9
DE000NG55XA1	Not Applicable	NG55XA
DE000NG55XB9	Not Applicable	NG55XB
DE000NG55XC7	Not Applicable	NG55XC
DE000NG55XD5	Not Applicable	NG55XD
DE000NG55XE3	Not Applicable	NG55XE
DE000NG55XF0	Not Applicable	NG55XF
DE000NG55XG8	Not Applicable	NG55XG
DE000NG55XH6	Not Applicable	NG55XH

(iv)	Name of the Principal Certificate Agent	ING Bank N.V.

# 8 DISTRIBUTION

(i)	Details of any clearing system other than Euroclear Netherlands:	Clearstream Banking AG, Eschborn
	(a) details of the appropriate clearing code/number:	Not Applicable
	(b) further details regarding the form of Certificates	European Certificates
(ii)	Non-exempt offer:	An offer of Certificates may be made by the Issuer other than pursuant to Article 3(2) of the Prospectus Regulation in Germany, France, the Netherlands, Belgium, Spain and Italy (each a "Public Offer Jurisdiction" and together the "Public Offer Jurisdictions").
(iii)	Prohibition of Sales to EEA Retail Investors:	Not Applicable
(iv)	Prohibition of Sales to UK Retail Investors:	Not Applicable
(v) I	Prohibition of Sales to Belgian Consumers:	Not Applicable

## 9 GENERAL

Conditions to which the offer is subject:	There is no subscription period and the offer of
	Certificates is not subject to any conditions imposed by
	the Issuer.

### **ANNEX**

ISSUE SPECIFIC SUMMARY OF THE CERTIFICATES AND THE KEY INFORMATION DOCUMENT ARE AVAILABLE ON THE WEBITES OF THE ISSUER WWW.INGMARKETS.DE, WWW.INGSPRINTERS.NL AND WWW.INGTURBOS.FR