

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of March 31, 2022

UBSPUSER R SOFR P 05/22/23 UB	38.38
US 10YR NOTE (CBT)JUN22 TYM2	34.29
GSGLPWDL R SOFR P 12/15/25 GS	24.81
MLFCF15 R SOFR P 03/24/23 BA	22.96
REPO TRIPA MORTG 0.3 04/01/2022	21.17
BEFSBAXD R 0.1 P 05/26/22 BC	7.78
JPCMPTFL R SOFR P 03/06/23 JP	4.95
S&P500 EMINI FUT JUN22 ESM2	4.86
FNMA FN30 TBA UMBS 04.0000 05/01/2052	4.37
FNMA FN30 TBA UMBS 03.5000 05/01/2052	4.28
FNMA FN30 TBA UMBS 03.0000 06/01/2052	4.18
ENERGY SELECT SECTOR SPDR SEDOL 2402466	3.54
GSVIUS85 R 0.45 P 12/15/25 GS	3.22
GSVIVV69 R 0.3 P 12/15/25 GS	2.24
CITI CROSS-ASSET TREND 10% VOL INDEX	1.90
SP GSCI LIGHT ENERGY	1.85
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.69
CITI COMMOD F3-F0 4X LEVERED INDEX	1.68
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.63
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.60
CONSUMER STAPLES SPDR SEDOL 2369389	1.47
BAML COMMODITY MLBX4SX6 ER STRATEGY	1.42
TREASURY BILL 00.0000 04/21/2022	1.07
TREASURY BILL 00.0000 05/05/2022	1.07
CORPORATE ASSET FUNDING CO IN 1247P3DN9 DCP 04/22/2022	1.07
TREASURY BILL 00.0000 05/19/2022	1.07
GSVICUB3 R 0.45 P 12/15/25 GS	1.01
GSVIVVOL R 0.3 P 12/15/25 GS	0.95
S&P GSCI ER INDEX	0.91
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.88
TREASURY BILL 00.0000 06/09/2022	0.86
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.70
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.40
INFOSYS LTD SEDOL 6205122	0.33
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.32
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.30
CAS 2016-C02 1B 12.7066 09/25/2028	0.29
RJHI AB R SOFRRATE P 06/20/23 BA	0.28
PARADE TECHNOLOGIES LTD SEDOL B6RV676	0.27
JD.COM INC - CL A SEDOL BKPQZT6	0.24
CHINA SHENHUA ENERGY CO-H SEDOL B09N7M0	0.23
KB FINANCIAL GROUP INC SEDOL B3DF0Y6	0.23
KIA CORP SEDOL 6490928	0.22
ASIAN PAINTS LTD SEDOL BCRWL65	0.21
CSPC PHARMACEUTICAL GROUP LT SEDOL 6191997	0.21

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HANA FINANCIAL GROUP	SEDOL B0RNRF5	0.21
ENN NATURAL GAS CO 144A/REGS WARRANT 10/21/2022		0.21
CHINA DEVELOPMENT FINANCIAL	SEDOL 6431756	0.21
UNITED MEXICAN STATES	USD 05.5500 01/21/2045	0.21
ADVANCED INFO SERVICE-FOR RG	SEDOL 6412591	0.20
EVERGREEN MARINE CORP LTD	SEDOL 6324500	0.20
BANK OF JIANGSU CO LTD 144A/REGS WARRANT 09/28/2022		0.20
BANCO SANTANDER BRASIL-UNIT	SEDOL B4V5RY4	0.20
AMBEV SA	SEDOL BG7ZWY7	0.20
PING AN INSURANCE GROUP CO-H	SEDOL B01FLR7	0.20
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.20
VEDANTA LTD	SEDOL 6136040	0.19
SOUTHERN COPPER CORP	SEDOL 2823777	0.19
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3	0.19
NOVATEK MICROELECTRONICS COR	SEDOL 6346333	0.19
YOUNGOR GROUP CO 144A/REGS WARRANT 07/29/2022		0.19
CPFL ENERGIA SA	SEDOL B031NN3	0.19
PAGE INDUSTRIES LTD	SEDOL B1VJS64	0.18
BANCO BRADESCO SA-PREF	SEDOL B00FM53	0.17
1.3265 R ISWP SOFRRATE P 01/03/2032		0.17
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.17
CHINA INTL CAPITA-H	SEDOL BZ169C6	0.16
SHAANXI COAL INDUSTRY 144A/REGS WARRANT 07/29/2022		0.16
SAMSUNG ELECTRO-MECHANICS CO	SEDOL 6771689	0.15
VALE SA-SP ADR	SEDOL 2857334	0.15
SUN PHARMA INDUS	SEDOL 6582483	0.15
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP		0.15
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/07		0.15
CATHAY FINANCIAL HOLDING CO	SEDOL 6425663	0.14
STACR 2019-DNA2 M2	02.9066 03/25/2049	0.14
KUAISHOU TECHNOLOGY	144A SEDOL BLC90T0	0.14
FNR 2020-85 IP IO	03.0000 12/25/2050	0.14
SANY HEAVY INDUSTRY CO LTD 144A/REGS WARRANT 02/10/2023		0.14
TECH MAHINDRA LTD	SEDOL BWFGD63	0.14
AGRICULTURAL BANK OF CHINA-H	SEDOL B60LZR6	0.14
SCRT 2019-4 M	04.5000 02/25/2059	0.12
SRI TRANG GLOVES THA-FOREIGN	SEDOL BMGJNP0	0.12
TURKCELL ILETISI	SEDOL B03MYN3	0.12
GNR 2020-173 MI IO	02.5000 11/20/2050	0.12
FHR 5082 IQ IO	03.0000 03/25/2051	0.11
TATA CONSULTANCY SVS LTD	SEDOL B01NPJ1	0.11
SPST 2021-10 A	00.0000 08/08/2022	0.11
SPST 2021-6 A	01.2549 04/25/2022	0.11
MWST 2020-2 A	01.2566 11/25/2053	0.11
SHRP 2020-1 NOTE	03.0253 07/25/2024	0.11

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QUANTA COMPUTER INC	SEDOL 6141011	0.11
KUMHO PETROCHEMICAL CO LTD	SEDOL 6499323	0.10
COSCO SHIPPING HOLDINGS CO-H	SEDOL B0B8Z18	0.10
CHINA YONGDA AUTOMOBILES SER	SEDOL B8F2T65	0.10
PETROBRAS GLOBAL FINANCE USD	06.2500 03/17/2024	0.09
FNR 2017-74 SA IO	05.2934 10/25/2047	0.09
GNR 2018-153 AI IO	04.5000 09/16/2045	0.09
CAS 2022-R02 2M2	03.0990 01/25/2042	0.09
SUN TV NETWORK LTD	SEDOL B128WL3	0.09
CENCOSUD SA	SEDOL B00R3L2	0.09
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2	0.09
ENBRIDGE INC	USD 04.2500 12/01/2026	0.09
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.09
CMLTI 2007-AR5 1A1A	02.9163 04/25/2037	0.09
FNR 2016-3 MI IO	05.5000 02/25/2046	0.08
THAI UNION GROUP PCL-F	SEDOL BYTBHT9	0.08
GSMS 2014-GC24 D	144A 04.5332 09/10/2047	0.08
GNR 2014-184 DI IO	05.5000 12/16/2044	0.08
BANCO SANTANDER CHILE	SEDOL 2000257	0.07
FNR 2015-30 IO IO	05.5000 05/25/2045	0.07
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.07
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.07
CTBC FINANCIAL HOLDING CO LT	SEDOL 6527666	0.07
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.07
FNR 2020-47 ID IO	04.0000 07/25/2050	0.07
CHINA FEIHE LTD	SEDOL BKOSBL1	0.07
PETROBRAS GLOBAL FIN	USD 05.9990 01/27/2028	0.07
MARFRIG GLOBAL FOODS SA	SEDOL B1YWHR4	0.07
NORTHAM PLATINUM HOLDINGS LT	SEDOL BMZ1NSO	0.06
GNR 2020-33 SA IO	05.6514 03/20/2050	0.06
MARUTI SUZUKI INDIA LTD	SEDOL 6633712	0.06
CHEIL WORLDWIDE INC	SEDOL 6093231	0.06
FHR 4964 IA IO	04.5000 03/25/2050	0.06
LG ELECTRONICS INC	SEDOL 6520739	0.06
WFRBS 2012-C7 F	144A 04.5000 06/15/2045	0.06
LENOVO GROUP LTD	SEDOL 6218089	0.06
GNR 2016-H02 BI IO	01.6727 11/20/2065	0.05
HONG LEONG BANK BERHAD	SEDOL 6436892	0.05
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.05
GNR 2010-125 SD IO	06.2494 01/16/2040	0.05
CAS 2017-C03 1M2	03.4566 10/25/2029	0.05
PETROBRAS GLOBAL FINANCE USD	08.7500 05/23/2026	0.05
JPMBB 2013-C14 E	144A 04.5485 08/15/2046	0.05
PETROLEOS MEXICANOS	USD 06.7000 02/16/2032	0.05
TATA STEEL LTD	SEDOL 6101156	0.05

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EMAMI LTD	SEDOL 6741035	0.05
GNR 2015-H15 JI IO	01.9531 06/20/2065	0.05
CAS 2017-C02 2B1	05.9566 09/25/2029	0.05
CAS 2015-C04 1M2	06.1566 04/25/2028	0.04
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.04
INTL CONTAINER TERM SVCS INC	SEDOL 6455819	0.04
EMBOTELLADORAS ARCA SA-NOM	SEDOL 2823885	0.04
WAMU 2004-AR12 A2B	01.3766 10/25/2044	0.04
FNR 2016-88 SK IO	05.5434 12/25/2046	0.04
FNR 2017-8 SB IO	05.6434 02/25/2047	0.04
GNR 2016-150 I IO	05.0000 11/20/2046	0.04
2.325 R ISWP FWD CDOR03 P	06/15/2032	0.04
CAS 2020-R01 1B1	03.7066 01/25/2040	0.04
BOSIDENG INTL HLDGS LTD	SEDOL B24FZ32	0.04
STACR 2020-HQA2 M2	03.5566 03/25/2050	0.04
1.85 R ISWP FWD SOFR P	06/15/2027	0.04
CIPLA LTD	SEDOL B011108	0.04
GNR 2015-H25 AI IO	01.6116 09/20/2065	0.04
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.04
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CG	0.04
2.355 R ISWP FWD NOKOIB6M P	06/15/2032	0.04
GNR 2015-H25 BI IO	01.7128 10/20/2065	0.04
FNR 2017-32 IP IO	04.5000 05/25/2047	0.04
FNR 2017-108 SA IO	05.6934 01/25/2048	0.03
GNR 2015-H20 CI IO	01.8108 08/20/2065	0.03
FNR 2020-16 SG IO	05.5934 03/25/2050	0.03
KT CORP	SEDOL 6505316	0.03
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 MS	0.03
CMB CMBX.NA.BB.6 2063-05-11	500.0 05/11/2063 CS	0.03
EXTRA AB R SOFRRATE P	06/20/23 BA	0.03
GNR 2018-91 SJ IO	05.8014 07/20/2048	0.03
SHINHAN FINANCIAL GROUP LTD	SEDOL 6397502	0.03
GNR 2015-53 MI IO	04.0000 04/16/2045	0.03
UNITED TRACTORS TBK PT	SEDOL 6230845	0.03
ZHUZHOU KIBING GROUP CO 144A/REGS	WARRANT 07/29/2022	0.03
GNR 2015-H19 NI IO	01.9049 07/20/2065	0.03
COCA-COLA ICECEK AS	SEDOL B058ZV4	0.03
CAS 2017-C06 2M2	03.2566 02/25/2030	0.03
GNR 2015-H09 BI IO	01.6743 03/20/2065	0.03
GRUPO BIMBO SAB- SERIES A	SEDOL 2392471	0.03
GNR 2018-H05 AI IO	02.2613 02/20/2068	0.03
GNR 2015-H10 CI IO	01.8038 04/20/2065	0.02
GNR 2015-80 IA IO	04.5000 06/20/2045	0.02
G-BITS NETWORK TECHNOLOGY 144A/REGS	WARRANT 10/21/2022	0.02
FNR 2016-65 CS IO	05.6434 09/25/2046	0.02

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GNR 2014-H21 AI IO	01.4391	10/20/2064	0.02
3.10 R ISWP FWD NFIX3MID P		06/15/2032	0.02
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979		0.02
GNR 2015-167 BI IO	04.5000	04/16/2045	0.02
FNR 2016-3 NI IO	06.0000	02/25/2046	0.02
FNR 2013-130 SD IO	06.1434	01/25/2044	0.02
GNR 2017-H02 BI IO	02.1104	01/20/2067	0.02
TURKIYE GARANTI BANKASI	SEDOL B03MYP5		0.02
GNR 2015-187 JI IO	04.0000	03/20/2045	0.02
GNR 2014-146 EI IO	05.0000	10/20/2044	0.02
GNR 2015-105 LI IO	05.0000	10/20/2039	0.02
GNR 2017-H06 BI IO	02.2454	02/20/2067	0.02
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047	GS 0.02
CWHL 2005-3 1A1	01.0766	04/25/2035	0.02
GNR 2010-9 UI IO	05.0000	01/20/2040	0.02
GNR 2015-H09 AI IO	01.7340	04/20/2065	0.02
ASTRA INTERNATIONAL TBK PT	SEDOL B800MQ5		0.02
GNR 2018-104 SD IO	05.7514	08/20/2048	0.02
FHR 4752 PS IO	05.8034	11/15/2047	0.02
CHINA MERCHANTS BANK-H	SEDOL B1DYPZ5		0.02
GNR 2019-121 DS IO	05.6514	08/20/2049	0.02
GNR 2015-H16 XI IO	01.8658	07/20/2065	0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	CS 0.02
GNR 2015-H24 HI IO	02.0875	09/20/2065	0.02
GNR 2016-H03 AI IO	01.7268	01/20/2066	0.01
GNR 2013-20 QI IO	04.5000	12/16/2042	0.01
1.455 R ISWP FWD SONIA P		06/15/2032	0.01
GNR 2016-H16 DI IO	02.2438	06/20/2066	0.01
GNR 2009-121 UI IO	05.0000	12/20/2039	0.01
GNR 2013-6 AI IO	03.5000	08/20/2039	0.01
WFRBS 2011-C3 E	144A 05.0000	03/15/2044	0.01
GNR 2010-20 UI IO	05.0000	02/20/2040	0.01
GNR 2011-17 S IO	05.6014	02/20/2041	0.01
GNR 2018-127 ID IO	05.0000	07/20/2045	0.01
GNR 2014-163 NI IO	05.0000	02/20/2044	0.01
EVR LN R SOFR P		12/15/25	GS 0.01
2.05 R ISWP FWD SOFR P		06/15/2052	0.01
FNR 2012-151 PI IO	03.0000	01/25/2043	0.01
1.285 R ISWP SOFRRATE P		12/23/2031	0.01
GNR 2015-24 IA IO	03.5000	02/20/2045	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	ML 0.01
FHR 4193 PI IO	04.0000	03/15/2043	0.01
FHR 4801 IG IO	03.0000	06/15/2048	0.01
GNR 2016-H04 KI IO	01.6228	02/20/2066	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059	CS 0.01

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CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 ML	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
GNR 2013-129 SN IO 05.7014 09/20/2043	0.01
2.67 R ISWP FWD AUDBB6M P 06/15/2032	0.01
GNR 2013-24 PI IO 04.0000 11/20/2042	0.01
FHR 4206 IP IO 03.0000 12/15/2041	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01
GNR 2016-75 EI IO 03.5000 08/20/2045	0.01
FNR 2013-35 PI IO 03.0000 02/25/2042	0.00
GNR 2010-35 QI IO 04.5000 03/20/2040	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.00
SWPTN SOFR 1MX10Y R 2.194 USD 04/22/2022 CI	0.00
GNR 2013-79 XI IO 03.5000 11/20/2039	0.00
GNR 2015-99 LI IO 04.0000 07/20/2045	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
UBSBB 2012-C2 F 144A 05.0000 05/10/2063	0.00
GNR 2013-100 MI IO 03.5000 02/20/2043	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
1.285 R ISWP SOFRRATE P 12/24/2031	0.00
2.3005 R ISWP SOFR P 03/31/2024	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	0.00
GNR 2013-157 IA IO 03.5000 04/20/2040	0.00
SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	0.00
2.247 R ISWP SOFR P 04/01/2027	0.00
CMB CMBX.NA.BBB-6 2063-05-11 300.0 05/11/2063 BA	0.00
1.86 R ISWP FWD SOFR P 02/24/2052	0.00
1.096 R ISWP SOFRRATE P 12/24/2026	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
2.29325 R ISWP SOFR P 03/31/2027	0.00
2.2915 R ISWP SOFR P 04/01/2027	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
2.3535 R ISWP SOFR P 03/30/2027	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	0.00
2.26 R ISWP SOFR P 03/30/2032	0.00
1.435 R ISWP SOFRRATE P 12/24/2051	0.00
2.2655 R ISWP SOFR P 03/30/2032	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BC	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
SWPTN SOFR 1MX10Y P 2.194 USD 04/22/2022 CI	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
ZYXI US P SOFR R 07/05/24 CI	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
1.497 R ISWP FWD SES3M P 06/15/2032	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
SFIX US P SOFR R 07/05/24 CI	-0.02
EBIX US P SOFR R 07/05/24 CI	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
215600 KS P SOFRRATE R 12/15/25 GS	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.02
1.762 R ISWP FWD SOFR P 06/15/2032	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
WDFC US P SOFR R 07/05/24 CI	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.04
BGS US P SOFR R 07/05/24 CI	-0.04

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CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
PLUG US P SOFR R 07/05/24 CI	-0.04
0.565 R ISWP FWD SARON P 06/15/2032	-0.04
1.95 R ISWP FWD SOFR P 06/15/2032	-0.05
BYND US P SOFRRATE R 12/15/25 GS	-0.06
VICR US P SOFR R 07/05/24 CI	-0.06
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.06
ACIW US P SOFR R 07/05/24 CI	-0.06
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.07
SANM US P SOFR R 07/05/24 CI	-0.07
FFIV US P SOFR R 07/05/24 CI	-0.07
VEEV US P SOFR R 07/05/24 CI	-0.07
BE US P SOFRRATE R 12/15/25 GS	-0.07
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.08
AAON US P SOFR R 07/05/24 CI	-0.09
DSEY US P SOFR R 07/05/24 CI	-0.09
PGNY US P SOFRRATE R 12/15/25 GS	-0.10
0.915 R ISWP FWD EUR006M P 06/15/2032	-0.10
FOUR US P SOFR R 07/05/24 CI	-0.10
1.80 R ISWP FWD SOFR P 06/15/2024	-0.10
LUMN US P SOFR R 07/05/24 CI	-0.10
AHCO US P SOFR R 07/05/24 CI	-0.10
WHR US P SOFR R 07/05/24 CI	-0.11
HCSG US P SOFR R 07/05/24 CI	-0.11
CALX US P SOFR R 07/05/24 CI	-0.11
GH US P SOFR R 07/05/24 CI	-0.11
NEWR US P SOFRRATE R 12/15/25 GS	-0.11
FCNCA US P SOFR R 07/05/24 CI	-0.12
FSLR US P SOFRRATE R 12/15/25 GS	-0.12
ENR US P SOFR R 07/05/24 CI	-0.12
DY US P SOFR R 07/05/24 CI	-0.14
PRIM US P SOFR R 07/05/24 CI	-0.15
AIR US P SOFR R 07/05/24 CI	-0.15
OLED US P SOFR R 07/05/24 CI	-0.15
AAP US P SOFR R 07/05/24 CI	-0.16
CPURNSA P 2.78 R 01/15/32	-0.18
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.19
ELAN US P SOFR R 07/05/24 CI	-0.22
CDX CDX.NA.HY.37 500.0 12/20/2026	-0.23
PEN US P SOFR R 07/05/24 CI	-0.28
BHC US P SOFR R 07/05/24 CI	-0.31
RL US P SOFR R 07/05/24 CI	-0.35
LHX US P SOFR R 07/05/24 CI	-0.39
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.40
TSLA US P SOFR R 07/05/24 CI	-0.42

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CPURNSA P 2.7375 R 09/13/26	-0.42
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.76
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-0.79
FNMA FN30 TBA UMBS 02.0000 04/01/2052	-3.98
NDUEEGF P SOFRRATE R 11/02/22 UB	-6.09
NDUEEGF P SOFRRATE R 11/02/22 CS	-6.16
FNMA FN30 TBA UMBS 02.5000 04/01/2052	-8.19
US 5YR NOTE (CBT) JUN22 FVM2	-8.37
US 2YR NOTE (CBT) JUN22 TUM2	-12.74
RU10INTR P SOFR R 03/24/23 BA	-22.85
GSGLPWDS P SOFR R 12/15/25 GS	-24.39
SPTR P SOFR R 05/22/23 UB	-38.41

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REPO TRIPA MORTG 0.05 03/01/2022	55.64
US 10YR NOTE (CBT) JUN22 TYM2	54.89
UBSPUSER R SOFR P 05/22/23 UB	36.76
GSGLPWDL R SOFRRATE P 12/15/25 GS	25.84
MLFCF15 R SOFR P 02/15/23 BA	21.55
S&P500 EMINI FUT MAR22 ESH2	8.38
BEFSBAXD R 0.1 P 05/26/22 BC	7.54
JPCMPTFL R SOFR P 01/14/23 JP	4.87
FNMA FN30 TBA UMBS 04.0000 03/01/2052	4.45
FNMA FN30 TBA UMBS 03.5000 03/01/2052	4.39
FNMA FN30 TBA UMBS 03.0000 03/01/2052	4.31
ENERGY SELECT SECTOR SPDR SEDOL 2402466	3.25
GSVIUS85 R 0.45 P 12/15/25 GS	3.14
GSVIVV69 R 0.3 P 12/15/25 GS	2.08
CITI CROSS-ASSET TREND 10% VOL INDEX	1.71
TREASURY BILL 00.0000 03/10/2022	1.71
CITI COMMOD F3-F0 4X LEVERED INDEX	1.70
FINANCIAL SELECT SECTOR SPDR SEDOL 2364038	1.57
SP GSCI LIGHT ENERGY	1.53
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.53
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.51
BAML COMMODITY MLBX4SX6 ER STRATEGY	1.45
CONSUMER STAPLES SPDR SEDOL 2369389	1.45
TREASURY BILL 00.0000 03/17/2022	1.39
NRW BANK 62939MC13 DCP 03/01/2022	1.07
LIBERTY STREET FUNDING LLC 53127UC16 DCP 03/01/2022	1.07
LLOYDS BANK PLC 53943SC88 DCP 03/08/2022	1.07
METLIFE SHORT TERM FUNDING LL 59157UCG3 DCP 03/16/2022	1.07
SKANDINAVISKA ENSKILDA BANKEN 83050UCQ9 DCP 03/24/2022	1.07
TREASURY BILL 00.0000 04/21/2022	1.07
TREASURY BILL 00.0000 05/05/2022	1.07

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CORPORATE ASSET FUNDING CO IN 1247P3DN9 DCP 04/22/2022	1.07
TREASURY BILL 00.0000 05/19/2022	1.07
GSVICUB3 R 0.45 P 12/15/25 GS	1.00
GSVIVVOL R 0.3 P 12/15/25 GS	0.90
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.89
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.73
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.38
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.35
INFOSYS LTD SEDOL 6205122	0.32
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.32
RJHI AB R SOFRRATE P 06/20/23 BA	0.32
PARADE TECHNOLOGIES LTD SEDOL B6RV676	0.29
JD.COM INC - CL A SEDOL BKPQZT6	0.29
CAS 2016-C02 1B 12.4369 09/25/2028	0.29
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.26
CHINA SHENHUA ENERGY CO-H SEDOL B09N7M0	0.25
CPFL ENERGIA SA SEDOL B031NN3	0.24
SOUTHERN COPPER CORP SEDOL 2823777	0.24
KB FINANCIAL GROUP INC SEDOL B3DF0Y6	0.23
HANA FINANCIAL GROUP SEDOL B0RNRFS	0.23
WANT WANT CHINA HOLDINGS LTD SEDOL B2Q14Z3	0.23
COSCO SHIPPING HOLDINGS CO-H SEDOL B0B8Z18	0.22
EVERGREEN MARINE CORP LTD SEDOL 6324500	0.22
BANK OF JIANGSU CO LTD 144A/REGS WARRANT 09/28/2022	0.22
BANCO SANTANDER BRASIL-UNIT SEDOL B4V5RY4	0.21
CSPC PHARMACEUTICAL GROUP LT SEDOL 6191997	0.21
NOVATEK MICROELECTRONICS COR SEDOL 6346333	0.21
VEDANTA LTD SEDOL 6136040	0.21
AMBEV SA SEDOL BG7ZWY7	0.21
YUM CHINA HOLDINGS INC SEDOL BN2BD13	0.20
UNITED MEXICAN STATES USD 05.5500 01/21/2045	0.20
YOUNGOR GROUP CO 144A/REGS WARRANT 07/29/2022	0.20
KIA CORP SEDOL 6490928	0.19
CHAILEASE HOLDING CO LTD SEDOL B58J1S8	0.19
ANGLO AMERICAN PLATINUM LTD SEDOL 6761000	0.19
TECH MAHINDRA LTD SEDOL BWFGD63	0.19
WIPRO LTD SEDOL 6206051	0.18
ZHONGSHENG GROUP HOLDINGS SEDOL B633D97	0.18
CHINA INTL CAPITA-H SEDOL BZ169C6	0.17
MINDTREE LTD SEDOL B1LHCW2	0.17
SRI TRANG GLOVES THA-FOREIGN SEDOL BMGJNP0	0.16
SAMSUNG ELECTRO-MECHANICS CO SEDOL 6771689	0.16
SHENZHEN MIINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/07	0.15
SANY HEAVY INDUSTRY CO LTD 144A/REGS WARRANT 02/10/2023	0.15
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.15

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STACR 2019-DNA2 M2	02.6369	03/25/2049	0.15
BANCO BRADESCO SA-PREF	SEDOL B00FM53		0.14
CATHAY FINANCIAL HOLDING CO	SEDOL 6425663		0.14
SUN PHARMA INDUS	SEDOL 6582483		0.14
XINYI GLASS HOLDINGS LTD	SEDOL B05NXN7		0.14
SHAANXI COAL INDUSTRY 144A/REGS WARRANT	07/29/2022		0.14
FNR 2020-85 IP IO	03.0000	12/25/2050	0.13
SCRT 2019-4 M	04.5000	02/25/2059	0.12
GNR 2020-173 MI IO	02.5000	11/20/2050	0.12
QUANTA COMPUTER INC	SEDOL 6141011		0.11
TATA STEEL LTD	SEDOL 6101156		0.11
FNR 2017-74 SA IO	05.5631	10/25/2047	0.11
KUMHO PETROCHEMICAL CO LTD	SEDOL 6499323		0.11
SPST 2021-6 A	00.9759	04/25/2022	0.11
SPST 2021-10 A	00.0000	08/08/2022	0.11
MWST 2020-1 A	01.0869	10/25/2053	0.11
MWST 2020-2 A	00.9869	11/25/2053	0.11
SHRP 2020-1 NOTE	03.0253	07/25/2024	0.11
FHR 5082 IQ IO	03.0000	03/25/2051	0.11
TATA CONSULTANCY SVS LTD	SEDOL B01NPJ1		0.11
CHINA YONGDA AUTOMOBILES SER	SEDOL B8F2T65		0.10
CHINA MEDICAL SYSTEM HOLDING	SEDOL B6WY993		0.10
PETROBRAS GLOBAL FINANCE USD	06.2500	03/17/2024	0.09
CAS 2022-R02 2M2	03.0487	01/25/2042	0.09
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2		0.09
ENBRIDGE INC	USD 04.2500	12/01/2026	0.09
GNR 2018-153 AI IO	04.5000	09/16/2045	0.09
1.3265 R ISWP SOFRRATE P	01/03/2032		0.09
THAI UNION GROUP PCL-F	SEDOL BYTBHT9		0.09
UNITED MICROELECTRONICS CORP	SEDOL 6916628		0.09
CMLTI 2007-AR5 1A1A	02.9065	04/25/2037	0.09
FNR 2016-3 MI IO	05.5000	02/25/2046	0.08
CHINA FEIHE LTD	SEDOL BKOSBL1		0.08
GSMS 2014-GC24 D	144A 04.5327	09/10/2047	0.08
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605		0.08
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047 GS	0.08
GNR 2014-184 DI IO	05.5000	12/16/2044	0.08
FNR 2015-30 IO IO	05.5000	05/25/2045	0.07
GNR 2020-33 SA IO	05.9383	03/20/2050	0.07
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24		0.07
EXTRA AB R SOFRRATE P	06/20/23 BA		0.07
REALTEK SEMICONDUCTOR CORP	SEDOL 6051422		0.07
1.695 R ISWP FWD NOKOIB6M P	03/16/2032		0.07
OPAP SA	SEDOL 7107250		0.07
PETROBRAS GLOBAL FIN	USD 05.9990	01/27/2028	0.07

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CTBC FINANCIAL HOLDING CO LT SEDOL 6527666	0.07
FNR 2020-47 ID IO 04.0000 07/25/2050	0.07
BANCO SANTANDER CHILE SEDOL 2000257	0.06
0.85 R ISWP FWD SONIA P 03/16/2032	0.06
POSCO SEDOL 6693233	0.06
MARFRIG GLOBAL FOODS SA SEDOL B1YWHR4	0.06
LG ELECTRONICS INC SEDOL 6520739	0.06
GNR 2010-125 SD IO 06.5543 01/16/2040	0.06
WFRBS 2012-C7 F 144A 04.5000 06/15/2045	0.06
FHR 4964 IA IO 04.5000 03/25/2050	0.06
GNR 2016-H02 BI IO 01.6700 11/20/2065	0.06
EMAMI LTD SEDOL 6741035	0.05
CAS 2017-C03 1M2 03.1869 10/25/2029	0.05
PETROBRAS GLOBAL FINANCE USD 08.7500 05/23/2026	0.05
GNR 2015-H15 JI IO 01.9409 06/20/2065	0.05
PETROLEOS MEXICANOS P/P 144A 06.7000 02/16/2032	0.05
FNR 2017-8 SB IO 05.9131 02/25/2047	0.05
JPMBB 2013-C14 E 144A 04.5477 08/15/2046	0.05
BOSIDENG INTL HLDGS LTD SEDOL B24FZ32	0.05
FNR 2016-88 SK IO 05.8131 12/25/2046	0.05
CAS 2017-C02 2B1 05.6869 09/25/2029	0.05
CAS 2015-C04 1M2 05.8869 04/25/2028	0.05
WAMU 2004-AR12 A2B 01.1069 10/25/2044	0.04
TISCO FINANCIAL-FOREIGN SEDOL B3KFW76	0.04
GNR 2015-H25 BI IO 01.7093 10/20/2065	0.04
GNR 2016-150 I IO 05.0000 11/20/2046	0.04
EMBOTELLADORAS ARCA SA-NOM SEDOL 2823885	0.04
STACR 2020-HQA2 M2 03.2869 03/25/2050	0.04
INTL CONTAINER TERM SVCS INC SEDOL 6455819	0.04
GNR 2015-H25 AI IO 01.5982 09/20/2065	0.04
CAS 2020-R01 1B1 03.4369 01/25/2040	0.04
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CG	0.04
FNR 2017-108 SA IO 05.9631 01/25/2048	0.04
JPMCC 2006-LDP9 AMS 05.3370 05/15/2047	0.04
GNR 2018-91 SJ IO 06.0883 07/20/2048	0.04
2.59 R ISWP FWD NFIX3MID P 03/16/2032	0.04
GNR 2017-H14 DI IO 01.6916 06/20/2067	0.03
CIPLA LTD SEDOL B011108	0.03
FNR 2017-32 IP IO 04.5000 05/25/2047	0.03
FNR 2020-16 SG IO 05.8631 03/25/2050	0.03
ZHUZHOU KIBING GROUP CO 144A/REGS WARRANT 07/29/2022	0.03
GNR 2015-H20 CI IO 01.8090 08/20/2065	0.03
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 MS	0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CS	0.03
GNR 2014-H21 AI IO 01.4426 10/20/2064	0.03

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GNR 2015-53 MI IO	04.0000 04/16/2045	0.03
FNR 2016-65 CS IO	05.9131 09/25/2046	0.03
POWERLONG REAL ESTATE HOLDIN	SEDOL B4LL9N5	0.03
GNR 2015-H19 NI IO	01.8920 07/20/2065	0.03
1.25 R ISWP FWD SOFRRATE P	03/16/2027	0.03
SHINHAN FINANCIAL GROUP LTD	SEDOL 6397502	0.03
KT CORP	SEDOL 6505316	0.03
CAS 2017-C06 2M2	02.9869 02/25/2030	0.03
GRUPO BIMBO SAB- SERIES A	SEDOL 2392471	0.03
COCA-COLA ICECEK AS	SEDOL B058ZV4	0.03
GNR 2015-H09 BI IO	01.6623 03/20/2065	0.03
GNR 2015-H10 CI IO	01.7910 04/20/2065	0.03
GNR 2018-H05 AI IO	02.2524 02/20/2068	0.03
GNR 2015-H09 AI IO	01.7315 04/20/2065	0.03
GNR 2015-80 IA IO	04.5000 06/20/2045	0.02
GNR 2017-H02 BI IO	02.1100 01/20/2067	0.02
ENN NATURAL GAS CO 144A/REGS WARRANT	10/21/2022	0.02
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.02
FNR 2013-130 SD IO	06.4131 01/25/2044	0.02
FNR 2016-3 NI IO	06.0000 02/25/2046	0.02
G-BITS NETWORK TECHNOLOGY 144A/REGS WARRANT	10/21/2022	0.02
GNR 2019-121 DS IO	05.9383 08/20/2049	0.02
GNR 2018-104 SD IO	06.0383 08/20/2048	0.02
GNR 2015-167 BI IO	04.5000 04/16/2045	0.02
HONG LEONG BANK BERHAD	SEDOL 6436892	0.02
GNR 2017-H06 BI IO	02.3518 02/20/2067	0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0	01/17/2047 GS	0.02
GNR 2015-187 JI IO	04.0000 03/20/2045	0.02
TURKIYE GARANTI BANKASI	SEDOL B03MYP5	0.02
CWHL 2005-3 1A1	00.8069 04/25/2035	0.02
GNR 2015-105 LI IO	05.0000 10/20/2039	0.02
GNR 2014-146 EI IO	05.0000 10/20/2044	0.02
2.08 R ISWP FWD CDOR03 P	03/16/2032	0.02
GNR 2010-9 UI IO	05.0000 01/20/2040	0.02
GNR 2016-H03 AI IO	01.7217 01/20/2066	0.02
FHR 4752 PS IO	06.0089 11/15/2047	0.02
MEITUAN-CLASS B	SEDOL BGJW376	0.02
CHINA COAL ENERGY CO-H	SEDOL B1JNK84	0.02
CHINA MERCHANTS BANK-H	SEDOL B1DYPZ5	0.02
GNR 2015-H16 XI IO	01.8633 07/20/2065	0.02
GNR 2016-H08 GI IO	01.4140 04/20/2066	0.02
GNR 2015-H24 HI IO	02.0876 09/20/2065	0.02
SWPTN SOFR 4WX10Y R 1.82 USD	03/23/2022 CI	0.02
ASTRA INTERNATIONAL TBK PT	SEDOL B800MQ5	0.02
CMB CMBX.NA.BB.9 2058-09-17 500.0	09/17/2058 CS	0.02

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GNR 2013-20 QI IO	04.5000	12/16/2042	0.02
GNR 2016-H16 DI IO	02.2405	06/20/2066	0.02
1.85029 R ISWP SOFR P		02/17/2032	0.02
GNR 2011-17 S IO	05.8883	02/20/2041	0.02
GNR 2009-121 UI IO	05.0000	12/20/2039	0.01
GNR 2010-20 UI IO	05.0000	02/20/2040	0.01
1.775 R ISWP FWD SOFR P		02/25/2032	0.01
GNR 2013-6 AI IO	03.5000	08/20/2039	0.01
WFRBS 2011-C3 E	144A	05.0000 03/15/2044	0.01
VALE SA-SP ADR		SEDOL 2857334	0.01
GNR 2018-127 ID IO	05.0000	07/20/2045	0.01
GNR 2014-163 NI IO	05.0000	02/20/2044	0.01
GNR 2016-H04 KI IO	01.5028	02/20/2066	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 ML	0.01
FNR 2012-151 PI IO	03.0000	01/25/2043	0.01
GNR 2015-24 IA IO	03.5000	02/20/2045	0.01
FHR 4193 PI IO	04.0000	03/15/2043	0.01
FHR 4801 IG IO	03.0000	06/15/2048	0.01
GNR 2011-H15 AI IO	01.5271	06/20/2061	0.01
HOPSON DEVELOPMENT HOLDINGS		SEDOL BMXJW56	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 ML	0.01
GNR 2013-129 SN IO	05.9883	09/20/2043	0.01
GNR 2015-H10 EI IO	01.5813	04/20/2065	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 MS	0.01
GNR 2013-24 PI IO	04.0000	11/20/2042	0.01
FHR 4206 IP IO	03.0000	12/15/2041	0.01
1.823 R ISWP SOFR P		02/15/2032	0.01
GNR 2016-75 EI IO	03.5000	08/20/2045	0.01
GNR 2010-35 QI IO	04.5000	03/20/2040	0.00
1.285 R ISWP SOFRRATE P		12/23/2031	0.00
FNR 2013-35 PI IO	03.0000	02/25/2042	0.00
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 MS	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CG	0.00
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054 ML	0.00
1.698 R ISWP SOFR P		02/28/2027	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 MS	0.00
1.7935 R ISWP SOFR P		02/14/2032	0.00
GNR 2013-79 XI IO	03.5000	11/20/2039	0.00
GNR 2015-99 LI IO	04.0000	07/20/2045	0.00

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FNR 2012-136 PI IO	03.5000	11/25/2042	0.00
1.738 R ISWP SOFR P		02/11/2032	0.00
1.86 R ISWP FWD SOFR P		02/24/2052	0.00
UBSBB 2012-C2 F	144A05.0000	05/10/2063	0.00
CMB CMBX.NA.BB.8	2057-10-17	500.0 10/17/2057	CS 0.00
CMB CMBX.NA.BB.8	2057-10-17	500.0 10/17/2057	CG 0.00
1.472 R ISWP SOFR P		02/01/2027	0.00
GNR 2013-100 MI IO	03.5000	02/20/2043	0.00
CMB CMBX.NA.BB.11	2054-11-18	500.0 11/18/2054	CG 0.00
2.04 R ISWP FWD AUDBB6M P		03/16/2032	0.00
1.608 R ISWP SOFR P		01/12/2032	0.00
SWPTN 10YX20Y P	1.275 USD	03/05/2030	BA 0.00
1.285 R ISWP SOFRRATE P		12/24/2031	0.00
SWPTN 10YX20Y R	2.8175 USD	03/23/2027	GS 0.00
FNR 2013-31 NI IO	03.0000	06/25/2041	0.00
GNR 2013-157 IA IO	03.5000	04/20/2040	0.00
1.6436 R ISWP SOFR P		02/07/2032	0.00
CAS 2015-C02 2M2	04.1869	05/25/2025	0.00
GNR 2011-116 IB IO	05.0000	10/20/2040	0.00
GLOW ENERGY PCL - FOREIGN	SEDOL B074GX9		0.00
GNR 2012-141 WI IO	03.5000	11/20/2041	0.00
GNR 2013-102 IP IO	03.5000	06/20/2043	0.00
SWPTN 2YX30Y P	2.3075 USD	06/20/2022	BA 0.00
SWPTN 10YX20Y P	2.8175 USD	03/23/2027	GS 0.00
1.096 R ISWP SOFRRATE P		12/24/2026	0.00
CMB CMBX.NA.BBB-.6	2063-05-11	300.0 05/11/2063	BA 0.00
SWPTN 10YX20Y R	1.275 USD	03/05/2030	BA 0.00
1.525 R ISWP SOFR P		01/14/2032	0.00
1.5245 R ISWP SOFR P		01/14/2032	0.00
1.524 R ISWP SOFR P		01/14/2032	0.00
1.435 R ISWP SOFRRATE P		12/24/2051	0.00
1.448 R ISWP SOFR P		01/20/2027	0.00
1.5005 R ISWP SOFR P		01/18/2032	0.00
1.50 R ISWP SOFR P		01/18/2032	0.00
1.4941 R ISWP SOFR P		01/18/2032	0.00
1.61968 R ISWP SOFR P		02/28/2027	0.00
CMB CMBX.NA.A.6	2063-05-11	200.0 05/11/2063	GS 0.00
CMB CMBX.NA.BBB-.6	2063-05-11	300.0 05/11/2063	BA 0.00
1.7601 R ISWP SOFR P		02/10/2032	0.00
CMB CMBX.NA.A.6	2063-05-11	200.0 05/11/2063	GS 0.00
CMB CMBX.NA.BBB-.6	2063-05-11	300.0 05/11/2063	GS 0.00
CMB CMBX.NA.BBB-.6	2063-05-11	300.0 05/11/2063	GS 0.00
1.7445 R ISWP SOFR P		02/15/2032	0.00
1.737 R ISWP SOFR P		02/23/2032	0.00
CMB CMBX.NA.BBB-.6	2063-05-11	300.0 05/11/2063	BA 0.00

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
SWPTN 2YX30YR 2.3075 USD 06/20/2022 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
1.8015 R ISWP SOFR P 02/22/2032	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BC	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
1.7565 R ISWP SOFR P 02/16/2027	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
SWPTN SOFR 4WX10Y P 1.82 USD 03/23/2022 CI	-0.01
ZYXI US P SOFR R 07/05/24 CI	-0.01
1.7895 R ISWP SOFR P 02/25/2032	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
EBIX US P SOFR R 07/05/24 CI	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
1.60 R ISWP FWD SOFRRATE P 03/16/2052	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
SFIX US P SOFR R 07/05/24 CI	-0.02
215600 KS P SOFRRATE R 12/15/25 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.02
1.385 R ISWP FWD SOFRRATE P 03/16/2032	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
LPSN US P SOFR R 07/05/24 CI	-0.03
WDFC US P SOFR R 07/05/24 CI	-0.04
PLUG US P SOFR R 07/05/24 CI	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
BGS US P SOFR R 07/05/24 CI	-0.04
BYND US P SOFRRATE R 12/15/25 GS	-0.05
1.40 R ISWP FWD SOFRRATE P 03/16/2032	-0.06
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.06

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BE US P SOFRRATE R 12/15/25 GS	-0.06
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.07
ACIW US P SOFR R 07/05/24 CI	-0.07
PGNY US P SOFRRATE R 12/15/25 GS	-0.07
-0.07 R ISWP FWD SARON P 03/16/2032	-0.07
FOUR US P SOFR R 07/05/24 CI	-0.08
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.09
LUMN US P SOFR R 07/05/24 CI	-0.09
HCSG US P SOFR R 07/05/24 CI	-0.09
VTRS US P SOFR R 07/05/24 CI	-0.10
CDX CDX.NA.HY.37 500.0 12/20/2026	-0.10
FSLR US P SOFRRATE R 12/15/25 GS	-0.11
AHCO US P SOFR R 07/05/24 CI	-0.11
0.90 R ISWP FWD SOFRRATE P 03/16/2024	-0.11
NEWR US P SOFRRATE R 12/15/25 GS	-0.11
GH US P SOFR R 07/05/24 CI	-0.11
DSEY US P SOFR R 07/05/24 CI	-0.12
WHR US P SOFR R 07/05/24 CI	-0.13
DY US P SOFR R 07/05/24 CI	-0.13
ENR US P SOFR R 07/05/24 CI	-0.13
AIR US P SOFR R 07/05/24 CI	-0.13
FCNCA US P SOFR R 07/05/24 CI	-0.14
0.15 R ISWP FWD EUR006M P 03/16/2032	-0.14
OLED US P SOFR R 07/05/24 CI	-0.14
CALX US P SOFR R 07/05/24 CI	-0.14
AAP US P SOFR R 07/05/24 CI	-0.15
HELE US P SOFR R 07/05/24 CI	-0.16
PRIM US P SOFR R 07/05/24 CI	-0.16
CPURNSA P 2.78 R 01/15/32	-0.17
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.20
ELAN US P SOFR R 07/05/24 CI	-0.24
PEN US P SOFR R 07/05/24 CI	-0.28
BHC US P SOFR R 07/05/24 CI	-0.32
TSLA US P SOFR R 07/05/24 CI	-0.33
LHX US P SOFR R 07/05/24 CI	-0.39
RL US P SOFR R 07/05/24 CI	-0.40
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.41
CPURNSA P 2.7375 R 09/13/26	-0.56
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.78
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-0.82
FNMA FN30 TBA UMBS 02.0000 03/01/2052	-4.09
NDUEEGF P SOFRRATE R 11/02/22 UB	-6.26
NDUEEGF P SOFRRATE R 11/02/22 CS	-6.33
FNMA FN30 TBA UMBS 02.5000 03/01/2052	-8.41
US 5YR NOTE (CBT) JUN22 FVM2	-15.13

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US 2YR NOTE (CBT) JUN22 TUM2	-15.60
RU10INTR P SOFR R 02/15/23 BA	-21.65
GSGLPWDS P SOFRRATE R 12/15/25 GS	-25.84
SPTR P SOFR R 05/22/23 UB	-36.79

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US 10YR NOTE (CBT) MAR22 TYH2	57.52
REPO TRIPA MORTG 0.05 02/01/2022	48.06
UBSPUSER R SOFRRATE P 05/22/23 UB	34.97
GSGLPWDL R SOFRRATE P 12/15/25 GS	27.04
MLFCF15 R SOFRRATE P 10/12/22 BA	21.86
S&P500 EMINI FUT MAR22 ESH2	14.74
BEFSBAXD R 0.1 P 05/26/22 BC	7.77
JPCMPTFL R SOFR P 01/14/23 JP	4.95
FNMA FN30 TBA UMBS 04.0000 02/01/2052	4.61
FNMA FN30 TBA UMBS 03.5000 02/01/2052	4.55
FNMA FN30 TBA UMBS 03.0000 02/01/2052	4.46
ENERGY SELECT SECTOR SPDR SEDOL 2402466	3.65
GSVIUS85 R 0.45 P 12/15/25 GS	3.30
CITI COMMOD F3-F0 4X LEVERED INDEX	2.07
GSVIVV69 R 0.3 P 12/15/25 GS	2.05
TREASURY BILL 00.0000 03/10/2022	1.75
CITI CROSS-ASSET TREND 10% VOL INDEX	1.74
FINANCIAL SELECT SECTOR SPDR SEDOL 2364038	1.63
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.58
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.56
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.50
BAML COMMODITY MLBX4SX6 ER STRATEGY	1.48
TREASURY BILL 00.0000 03/17/2022	1.42
CANADIAN IMPERIAL BANK OF COM 13608BB78 DCP 02/07/2022	1.09
FAIRWAY FINANCE CO LLC 30601WBA6 DCP 02/10/2022	1.09
ATLANTIC ASSET SECURITIZATION 04821UBF8 DCP 02/15/2022	1.09
MITSUBISHI UFJ TRUST & BANKIN 60683CBJ9 DCP 02/18/2022	1.09
MANHATTAN ASSET FUNDING CO LL 56274MBG6 DCP 02/16/2022	1.09
FMS WERTMANAGEMENT 34411HBH6 DCP 02/17/2022	1.09
NRW BANK 62939MC13 DCP 03/01/2022	1.09
LIBERTY STREET FUNDING LLC 53127UC16 DCP 03/01/2022	1.09
LLOYDS BANK PLC 53943SC88 DCP 03/08/2022	1.09
METLIFE SHORT TERM FUNDING LL 59157UCG3 DCP 03/16/2022	1.09
SKANDINAVISKA ENSKILDA BANKEN 83050UCQ9 DCP 03/24/2022	1.09
TREASURY BILL 00.0000 04/21/2022	1.09
TREASURY BILL 00.0000 05/05/2022	1.09
CORPORATE ASSET FUNDING CO IN 1247P3DN9 DCP 04/22/2022	1.09
TREASURY BILL 00.0000 05/19/2022	1.09
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	1.05

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GSVICUB3 R 0.45 P 12/15/25 GS	1.05
GSVIVVOL R 0.3 P 12/15/25 GS	0.89
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.77
S&P GSCI LIGHT ENERGY ER	0.69
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.46
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.40
INFOSYS LTD SEDOL 6205122	0.34
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.33
PARADE TECHNOLOGIES LTD SEDOL B6RV676	0.32
JD.COM INC - CL A SEDOL BKPQZT6	0.31
RJHI AB R SOFRRATE P 06/20/23 BA	0.30
CAS 2016-C02 1B 12.3577 09/25/2028	0.30
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.27
KB FINANCIAL GROUP INC SEDOL B3DF0Y6	0.24
NOVATEK MICROELECTRONICS COR SEDOL 6346333	0.23
CPFL ENERGIA SA SEDOL B031NN3	0.23
CHINA SHENHUA ENERGY CO-H SEDOL B09N7M0	0.23
BANCO SANTANDER BRASIL-UNIT SEDOL B4V5RY4	0.23
HANA FINANCIAL GROUP SEDOL B0RNRF5	0.22
CSPC PHARMACEUTICAL GROUP LT SEDOL 6191997	0.22
SOUTHERN COPPER CORP SEDOL 2823777	0.22
KIA CORP SEDOL 6490928	0.22
BANK OF JIANGSU CO LTD 144A/REGS WARRANT 09/28/2022	0.22
WANT WANT CHINA HOLDINGS LTD SEDOL B2Q14Z3	0.22
UNITED MEXICAN STATES USD 05.5500 01/21/2045	0.22
MMC NORILSK NICKEL PJSC-ADR SEDOL BYSW6D0	0.21
COSCO SHIPPING HOLDINGS CO-H SEDOL B0B8Z18	0.20
TECH MAHINDRA LTD SEDOL BWFGD63	0.20
ZHONGSHENG GROUP HOLDINGS SEDOL B633D97	0.20
AMBEV SA SEDOL BG7ZWY7	0.20
YOUNGOR GROUP CO 144A/REGS WARRANT 07/29/2022	0.20
CHINA INTL CAPITA-H SEDOL BZ169C6	0.20
CHALEASE HOLDING CO LTD SEDOL B58J1S8	0.20
WIPRO LTD SEDOL 6206051	0.20
YUM CHINA HOLDINGS INC SEDOL BN2BD13	0.19
EVERGREEN MARINE CORP LTD SEDOL 6324500	0.18
MINDTREE LTD SEDOL B1LHCW2	0.18
VEDANTA LTD SEDOL 6136040	0.18
SRI TRANG GLOVES THA-FOREIGN SEDOL BMGJNPO	0.18
SAMSUNG ELECTRO-MECHANICS CO SEDOL 6771689	0.18
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.16
SANY HEAVY INDUSTRY CO LTD 144A/REGS WARRANT 02/10/2023	0.16
BANCO BRADESCO SA-PREF SEDOL B00FM53	0.16
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/07	0.16
STACR 2019-DNA2 M2 02.5577 03/25/2049	0.15

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CATHAY FINANCIAL HOLDING CO SEDOL 6425663	0.15
ANGLO AMERICAN PLATINUM LTD SEDOL 6761000	0.15
SUN PHARMA INDUS SEDOL 6582483	0.14
XINYI GLASS HOLDINGS LTD SEDOL B05NXN7	0.14
SCRT 2019-4 M 04.5000 02/25/2059	0.13
1.3265 R ISWP SOFRRATE P 01/03/2032	0.12
FNR 2020-85 IP IO 03.0000 12/25/2050	0.12
FNR 2017-74 SA IO 05.6423 10/25/2047	0.12
SHAANXI COAL INDUSTRY 144A/REGS WARRANT 07/29/2022	0.12
QUANTA COMPUTER INC SEDOL 6141011	0.12
CHINA YONGDA AUTOMOBILES SER SEDOL B8F2T65	0.12
TATA CONSULTANCY SVS LTD SEDOL B01NPJ1	0.11
SHRP 2020-1 NOTE 03.0253 07/25/2024	0.11
MWST 2020-1 A 01.0077 10/25/2053	0.11
MWST 2020-2 A 00.9077 11/25/2053	0.11
SPST 2021-6 A 00.9093 04/25/2022	0.11
SPST 2021-10 A 00.8593 08/08/2022	0.11
GNR 2020-173 MI IO 02.5000 11/20/2050	0.11
LUKOIL PJSC-SPON ADR SEDOL BYZDW27	0.11
TATA STEEL LTD SEDOL 6101156	0.10
KUMHO PETROCHEMICAL CO LTD SEDOL 6499323	0.10
PETROBRAS GLOBAL FINANCE USD 06.2500 03/17/2024	0.10
FHR 5082 IQ IO 03.0000 03/25/2051	0.10
CHINA FEIHE LTD SEDOL BKOSBL1	0.10
UNITED MICROELECTRONICS CORP SEDOL 6916628	0.10
CHINA MEDICAL SYSTEM HOLDING SEDOL B6WY993	0.09
ENBRIDGE INC USD 04.2500 12/01/2026	0.09
GNR 2018-153 AI IO 04.5000 09/16/2045	0.09
HAITIAN INTERNATIONAL HLDGS SEDOL B1L2RC2	0.09
THAI UNION GROUP PCL-F SEDOL BYTBHT9	0.09
CMLTI 2007-AR5 1A1A 02.8965 04/25/2037	0.09
FNR 2016-3 MI IO 05.5000 02/25/2046	0.09
REALTEK SEMICONDUCTOR CORP SEDOL 6051422	0.08
GSMS 2014-GC24 D 144A 04.5431 09/10/2047	0.08
FNR 2015-30 IO IO 05.5000 05/25/2045	0.08
GNR 2014-184 DI IO 05.5000 12/16/2044	0.08
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 GS	0.08
GNR 2020-33 SA IO 05.9963 03/20/2050	0.08
HELLENIC TELECOMMUN ORGANIZA SEDOL 5051605	0.08
EXTRA AB R SOFRRATE P 06/20/23 BA	0.08
CHINA MINSHENG BANKING COR-H SEDOL B57JY24	0.08
OPAP SA SEDOL 7107250	0.07
CTBC FINANCIAL HOLDING CO LT SEDOL 6527666	0.07
PETROBRAS GLOBAL FIN USD 05.9990 01/27/2028	0.07
LG ELECTRONICS INC SEDOL 6520739	0.07

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BANCO SANTANDER CHILE	SEDOL 2000257	0.07
FNR 2020-47 ID IO	04.0000 07/25/2050	0.07
GNR 2010-125 SD IO	06.5737 01/16/2040	0.06
MARFRIG GLOBAL FOODS SA	SEDOL B1YWHR4	0.06
GNR 2016-H02 BI IO	01.6899 11/20/2065	0.06
POSCO	SEDOL 6693233	0.06
FHR 4964 IA IO	04.5000 03/25/2050	0.06
WFRBS 2012-C7 F	144A 04.5000 06/15/2045	0.06
1.695 R ISWP FWD NOKOIB6M P	03/16/2032	0.06
CAS 2017-C03 1M2	03.1077 10/25/2029	0.06
GNR 2015-H15 JI IO	01.9645 06/20/2065	0.06
EMAMI LTD	SEDOL 6741035	0.05
FNR 2017-8 SB IO	05.9923 02/25/2047	0.05
PETROBRAS GLOBAL FINANCE USD	08.7500 05/23/2026	0.05
PETROLEOS MEXICANOS P/P	144A 06.7000 02/16/2032	0.05
FNR 2016-88 SK IO	05.8923 12/25/2046	0.05
1.25 R ISWP FWD SOFRRATE P	03/16/2027	0.05
JPMBB 2013-C14 E	144A 04.5476 08/15/2046	0.05
CAS 2017-C02 2B1	05.6077 09/25/2029	0.05
SBERBANK PJSC -SPONSORED ADR	SEDOL B5SC091	0.05
CAS 2015-C04 1M2	05.8077 04/25/2028	0.05
GNR 2015-H25 BI IO	01.7350 10/20/2065	0.05
WAMU 2004-AR12 A2B	01.0277 10/25/2044	0.05
STACR 2020-HQA2 M2	03.2077 03/25/2050	0.04
GNR 2015-H25 AI IO	01.6189 09/20/2065	0.04
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.04
GNR 2016-150 I IO	05.0000 11/20/2046	0.04
CAS 2020-R01 1B1	03.3577 01/25/2040	0.04
BOSIDENG INTL HLDGS LTD	SEDOL B24FZ32	0.04
INTL CONTAINER TERM SVCS INC	SEDOL 6455819	0.04
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CG	0.04
FNR 2017-108 SA IO	06.0423 01/25/2048	0.04
FNR 2020-16 SG IO	05.9423 03/25/2050	0.04
GNR 2018-91 SJ IO	06.1463 07/20/2048	0.04
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.04
EMBOTELLADORAS ARCA SA-NOM	SEDOL 2823885	0.04
0.85 R ISWP FWD SONIA P	03/16/2032	0.04
GNR 2017-H14 DI IO	01.7105 06/20/2067	0.04
CIPLA LTD	SEDOL B011108	0.04
FNR 2017-32 IP IO	04.5000 05/25/2047	0.04
GNR 2015-H20 CI IO	01.8317 08/20/2065	0.04
POWERLONG REAL ESTATE HOLDIN	SEDOL B4LL9N5	0.03
ZHUZHOU KIBING GROUP CO	144A/REGS WARRANT 07/29/2022	0.03
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 MS	0.03
GNR 2014-H21 AI IO	01.4659 10/20/2064	0.03

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FNR 2016-65 CS IO	05.9923 09/25/2046	0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CS		0.03
GNR 2015-H09 AI IO	01.7382 04/20/2065	0.03
GNR 2015-H19 NI IO	01.9133 07/20/2065	0.03
GNR 2018-H05 AI IO	02.3809 02/20/2068	0.03
GNR 2015-53 MI IO	04.0000 04/16/2045	0.03
COCA-COLA ICECEK AS	SEDOL B058ZV4	0.03
GNR 2017-H02 BI IO	02.4318 01/20/2067	0.03
GNR 2015-H09 BI IO	01.6817 03/20/2065	0.03
SHINHAN FINANCIAL GROUP LTD	SEDOL 6397502	0.03
KT CORP	SEDOL 6505316	0.03
GRUPO BIMBO SAB-SERIES A	SEDOL 2392471	0.03
CAS 2017-C06 2M2	02.9077 02/25/2030	0.03
GNR 2015-H10 CI IO	01.8076 04/20/2065	0.03
GNR 2015-80 IA IO	04.5000 06/20/2045	0.03
FNR 2016-3 NI IO	06.0000 02/25/2046	0.03
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.02
MEITUAN-CLASS B	SEDOL BGJW376	0.02
GNR 2019-121 DS IO	05.9963 08/20/2049	0.02
FNR 2013-130 SD IO	06.4923 01/25/2044	0.02
GNR 2018-104 SD IO	06.0963 08/20/2048	0.02
G-BITS NETWORK TECHNOLOGY 144A/REGS WARRANT 10/21/2022		0.02
GNR 2016-H08 GI IO	01.4360 04/20/2066	0.02
ENN NATURAL GAS CO 144A/REGS WARRANT 10/21/2022		0.02
GNR 2015-167 BI IO	04.5000 04/16/2045	0.02
TURKIYE GARANTI BANKASI	SEDOL B03MYP5	0.02
GNR 2017-H06 BI IO	02.3359 02/20/2067	0.02
GNR 2016-H03 AI IO	01.7716 01/20/2066	0.02
HONG LEONG BANK BERHAD	SEDOL 6436892	0.02
GNR 2015-187 JI IO	04.0000 03/20/2045	0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 GS		0.02
CWHL 2005-3 1A1	00.7277 04/25/2035	0.02
GNR 2014-146 EI IO	05.0000 10/20/2044	0.02
GNR 2015-105 LI IO	05.0000 10/20/2039	0.02
2.59 R ISWP FWD NFIX3MID P 03/16/2032		0.02
GNR 2015-H24 HI IO	02.0836 09/20/2065	0.02
GNR 2010-9 UI IO	05.0000 01/20/2040	0.02
GNR 2015-H16 XI IO	01.8880 07/20/2065	0.02
GNR 2011-17 S IO	05.9463 02/20/2041	0.02
FHR 4752 PS IO	06.0937 11/15/2047	0.02
CHINA MERCHANTS BANK-H	SEDOL B1DYPZ5	0.02
GNR 2016-H16 DI IO	02.2383 06/20/2066	0.02
CHINA COAL ENERGY CO-H	SEDOL B1JNK84	0.02
GNR 2013-20 QI IO	04.5000 12/16/2042	0.02
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CS		0.02

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ASTRA INTERNATIONAL TBK PT SEDOL B800MQ5	0.02
0.85 R ISWP FWD SES3M P 03/16/2032	0.01
GNR 2013-6 AI IO 03.5000 08/20/2039	0.01
GNR 2009-121 UI IO 05.0000 12/20/2039	0.01
GNR 2010-20 UI IO 05.0000 02/20/2040	0.01
WFRBS 2011-C3 E 144A05.0000 03/15/2044	0.01
GNR 2018-127 ID IO 05.0000 07/20/2045	0.01
GNR 2016-H04 KI IO 01.5086 02/20/2066	0.01
FNR 2012-151 PI IO 03.0000 01/25/2043	0.01
GNR 2014-163 NI IO 05.0000 02/20/2044	0.01
VALE SA-SP ADR SEDOL 2857334	0.01
GNR 2015-24 IA IO 03.5000 02/20/2045	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 ML	0.01
GNR 2015-H10 EI IO 01.6039 04/20/2065	0.01
FHR 4193 PI IO 04.0000 03/15/2043	0.01
GNR 2011-H15 AI IO 01.5486 06/20/2061	0.01
FHR 4801 IG IO 03.0000 06/15/2048	0.01
GNR 2013-129 SN IO 06.0463 09/20/2043	0.01
HOPSON DEVELOPMENT HOLDINGS SEDOL BMXJW56	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 ML	0.01
GNR 2013-24 PI IO 04.0000 11/20/2042	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01
FHR 4206 IP IO 03.0000 12/15/2041	0.01
GNR 2016-75 EI IO 03.5000 08/20/2045	0.01
FNR 2013-35 PI IO 03.0000 02/25/2042	0.01
GNR 2010-35 QI IO 04.5000 03/20/2040	0.00
1.285 R ISWP SOFRRATE P 12/23/2031	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
2.08 R ISWP FWD CDOR03 P 03/16/2032	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML	0.00
SWPTN 5YX30YR 2.8325 USD 02/15/2022 JP	0.00
GNR 2013-79 XI IO 03.5000 11/20/2039	0.00
GNR 2015-99 LI IO 04.0000 07/20/2045	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
UBSBB 2012-C2 F 144A05.0000 05/10/2063	0.00

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GNR 2013-100 MI IO	03.5000	02/20/2043	0.00	
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054	CG	0.00
SWPTN 10YX20Y P 1.275 USD		03/05/2030	BA	0.00
2.04 R ISWP FWD AUDBB6M P		03/16/2032		0.00
GNR 2013-157 IA IO	03.5000	04/20/2040	0.00	
1.285 R ISWP SOFRRATE P		12/24/2031		0.00
FNR 2013-31 NI IO	03.0000	06/25/2041	0.00	
SWPTN 10YX20Y R 2.8175 USD		03/23/2027	GS	0.00
CAS 2015-C02 2M2	04.1077	05/25/2025	0.00	
1.448 R ISWP SOFR P		01/20/2027		0.00
GNR 2011-116 IB IO	05.0000	10/20/2040	0.00	
GLOW ENERGY PCL - FOREIGN		SEDOL B074GX9	0.00	
GNR 2012-141 WI IO	03.5000	11/20/2041	0.00	
GNR 2013-102 IP IO	03.5000	06/20/2043	0.00	
SWPTN 2YX30Y P 2.3075 USD		06/20/2022	BA	0.00
1.096 R ISWP SOFRRATE P		12/24/2026		0.00
1.472 R ISWP SOFR P		02/01/2027		0.00
SWPTN 10YX20Y P 2.8175 USD		03/23/2027	GS	0.00
1.608 R ISWP SOFR P		01/12/2032		0.00
1.525 R ISWP SOFR P		01/14/2032		0.00
1.5245 R ISWP SOFR P		01/14/2032		0.00
1.524 R ISWP SOFR P		01/14/2032		0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	BA	0.00
SWPTN 10YX20Y R 1.275 USD		03/05/2030	BA	0.00
1.5005 R ISWP SOFR P		01/18/2032		0.00
1.50 R ISWP SOFR P		01/18/2032		0.00
1.4941 R ISWP SOFR P		01/18/2032		0.00
1.435 R ISWP SOFRRATE P		12/24/2051		0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	BA	0.00
CMB CMBX.NA.A.6 2063-05-11	200.0	05/11/2063	GS	0.00
CMB CMBX.NA.A.6 2063-05-11	200.0	05/11/2063	GS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	GS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	GS	0.00
1.60 R ISWP FWD SOFRRATE P		03/16/2052		0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	BA	0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	BA	0.00
SWPTN 5YX30Y P 2.8325 USD		02/15/2022	JP	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	GS	-0.01
SWPTN 2YX30Y R 2.3075 USD		06/20/2022	BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	GS	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17	300.0	01/17/2047	GS	-0.01
CMB CMBX.NA.A.6 2063-05-11	200.0	05/11/2063	GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063	BC	-0.01

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
EBIX US P R 07/05/22 CI	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
ZYXI US P US0001M R 07/05/22 CI	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
215600 KS P SOFRRATE R 12/15/25 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
1.385 R ISWP FWD SOFRRATE P 03/16/2032	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.02
SFIX US P US0001M R 07/05/22 CI	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
PLUG US P US0001M R 07/05/22 CI	-0.03
WDFC US P US0001M R 07/05/22 CI	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
BGS US P R 07/05/22 CI	-0.04
BE US P SOFRRATE R 12/15/25 GS	-0.04
0.15 R ISWP FWD EUR006M P 03/16/2032	-0.04
LPSN US P US0001M R 07/05/22 CI	-0.05
-0.07 R ISWP FWD SARON P 03/16/2032	-0.05
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.06
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.07
ACIW US P R 07/05/22 CI	-0.07
BYND US P SOFRRATE R 12/15/25 GS	-0.08
PGNY US P SOFRRATE R 12/15/25 GS	-0.08
FOUR US P US0001M R 07/05/22 CI	-0.08
0.90 R ISWP FWD SOFRRATE P 03/16/2024	-0.09
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.09
1.40 R ISWP FWD SOFRRATE P 03/16/2032	-0.10
LUMN US P US0001M R 07/05/22 CI	-0.11
HCSG US P US0001M R 07/05/22 CI	-0.11
FSLR US P SOFRRATE R 12/15/25 GS	-0.11
AHCO US P US0001M R 07/05/22 CI	-0.12
GH US P US0001M R 07/05/22 CI	-0.12

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AIR US P US0001M R 07/05/22 CI	-0.12
DY US P R 07/05/22 CI	-0.13
WHR US P US0001M R 07/05/22 CI	-0.13
CALX US P US0001M R 07/05/22 CI	-0.14
DSEY US P US0001M R 07/05/22 CI	-0.14
VTRS US P US0001M R 07/05/22 CI	-0.14
FCNCA US P US0001M R 07/05/22 CI	-0.14
OLED US P US0001M R 07/05/22 CI	-0.14
ENR US P R 07/05/22 CI	-0.15
PRIM US P US0001M R 07/05/22 CI	-0.16
HELE US P US0001M R 07/05/22 CI	-0.17
CPURNSA P 2.78 R 01/15/32	-0.17
AAP US P US0001M R 07/05/22 CI	-0.18
NEWR US P SOFRRATE R 12/15/25 GS	-0.18
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.21
ELAN US P US0001M R 07/05/22 CI	-0.22
CDX CDX.NA.HY.37 500.0 12/20/2026	-0.27
PEN US P US0001M R 07/05/22 CI	-0.29
LHX US P US0001M R 07/05/22 CI	-0.33
BHC US P R 07/05/22 CI	-0.34
RL US P US0001M R 07/05/22 CI	-0.35
TSLA US P R 07/05/22 CI	-0.37
CPURNSA P 2.7375 R 09/13/26	-0.39
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.43
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.82
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-0.86
FNMA FN30 TBA UMBS 02.0000 02/01/2052	-4.25
NDUEEGF P SOFRRATE R 11/02/22 UB	-6.68
NDUEEGF P SOFRRATE R 11/02/22 CS	-6.76
FNMA FN30 TBA UMBS 02.5000 02/01/2052	-8.71
US 2YR NOTE (CBT) MAR22 TUH2	-17.02
US 5YR NOTE (CBT) MAR22 FVH2	-17.69
RU10INTR P SOFRRATE R 10/12/22 BA	-21.86
GSGLPWDS P SOFRRATE R 12/15/25 GS	-26.71
SPTR P SOFRRATE R 05/22/23 UB	-34.96

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US 10YR NOTE (CBT)MAR22 TYH2	47.10
UBSPUSER R SOFRRATE P 05/22/23 UB	37.05
GSGLPWDL R SOFRRATE P 12/15/25 GS	28.97
MLFCF15 R SOFRRATE P 10/12/22 BA	23.08
S&P500 EMINI FUT MAR22 ESH2	18.40
BEFSBAXD R 0.1 P 05/26/22 BC	7.63
JPCMPTFL R SOFRRATE P 12/16/22 JP	4.69
FNMA FN30 TBA UMBS 04.0000 01/01/2052	4.57

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FNMA FN30 TBA UMBS 03.5000 01/01/2052	4.53
FNMA FN30 TBA UMBS 03.0000 01/01/2052	4.45
GSVIUS85 R 0.45 P 12/15/25 GS	3.35
ENERGY SELECT SECTOR SPDR SEDOL 2402466	3.03
FINANCIAL SELECT SECTOR SPDR SEDOL 2364038	2.78
CITI COMMOD F3-F0 4X LEVERED INDEX	2.42
GSVIVV69 R 0.3 P 12/15/25 GS	1.97
TREASURY BILL 00.0000 03/10/2022	1.72
BAML COMMODITY MLBX4SX6 ER STRATEGY	1.71
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.67
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.62
CITI CROSS-ASSET TREND 10% VOL INDEX	1.60
TREASURY BILL 00.0000 03/17/2022	1.40
COLLATERALIZED COMMERCIAL PAP 19424JAJ5 DCP 01/18/2022	1.07
NATIONWIDE BUILDING SOCIETY 6385E1AQ4 DCP 01/24/2022	1.07
CANADIAN IMPERIAL BANK OF COM 13608BB78 DCP 02/07/2022	1.07
NRW BANK 62939MC13 DCP 03/01/2022	1.07
mitsubishi UFJ TRUST & BANKIN 60683CBJ9 DCP 02/18/2022	1.07
FAIRWAY FINANCE CO LLC 30601WBA6 DCP 02/10/2022	1.07
ATLANTIC ASSET SECURITIZATION 04821UBF8 DCP 02/15/2022	1.07
MANHATTAN ASSET FUNDING CO LL 56274MBG6 DCP 02/16/2022	1.07
TREASURY BILL 00.0000 04/21/2022	1.07
FMS WERTMANAGEMENT 34411HBH6 DCP 02/17/2022	1.07
TREASURY BILL 00.0000 05/05/2022	1.07
LIBERTY STREET FUNDING LLC 53127UC16 DCP 03/01/2022	1.07
TREASURY BILL 00.0000 05/19/2022	1.07
SKANDINAVISKA ENSKILDA BANKEN 83050UCQ9 DCP 03/24/2022	1.07
CORPORATE ASSET FUNDING CO IN 1247P3DN9 DCP 04/22/2022	1.07
GSVICUB3 R 0.45 P 12/15/25 GS	1.03
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	1.01
GSVIVVOL R 0.3 P 12/15/25 GS	0.82
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.80
S&P GSCI LIGHT ENERGY ER	0.59
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.43
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.38
INFOSYS LTD SEDOL 6205122	0.36
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.34
PARADE TECHNOLOGIES LTD SEDOL B6RV676	0.33
CAS 2016-C02 1B 12.3528 09/25/2028	0.29
RJHI AB R SOFRRATE P 06/20/23 BA	0.28
JD.COM INC-ADR SEDOL BMM27D9	0.27
NOVATEK MICROELECTRONICS COR SEDOL 6346333	0.25
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.25
TECH MAHINDRA LTD SEDOL BWFGD63	0.24
WIPRO LTD SEDOL 6206051	0.24

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MMC NORILSK NICKEL PJSC-ADR SEDOL BYSW6D0	0.23
UNITED MEXICAN STATES USD 05.5500 01/21/2045	0.23
EVERGREEN MARINE CORP LTD SEDOL 6324500	0.22
KB FINANCIAL GROUP INC SEDOL B3DF0Y6	0.22
COSCO SHIPPING HOLDINGS CO-H SEDOL B0B8Z18	0.22
KIA CORP SEDOL 6490928	0.22
MINDTREE LTD SEDOL B1LHCW2	0.21
CHINA SHENHUA ENERGY CO-H SEDOL B09N7M0	0.21
SOUTHERN COPPER CORP SEDOL 2823777	0.21
HANA FINANCIAL GROUP SEDOL B0RNRF5	0.20
YOUNGOR GROUP CO 144A/REGS WARRANT 07/29/2022	0.20
YUM CHINA HOLDINGS INC SEDOL BYW4289	0.20
CHAILEASE HOLDING CO LTD SEDOL B58J1S8	0.20
WANT WANT CHINA HOLDINGS LTD SEDOL B2Q14Z3	0.20
ZHONGSHENG GROUP HOLDINGS SEDOL B633D97	0.20
CHINA INTL CAPITA-H SEDOL BZ169C6	0.20
CPFL ENERGIA SA SEDOL B031NN3	0.20
CSPC PHARMACEUTICAL GROUP LT SEDOL 6191997	0.20
BANCO SANTANDER BRASIL-UNIT SEDOL B4V5RY4	0.19
AMBEV SA SEDOL BG7ZWY7	0.19
BANK OF JIANGSU CO LTD 144A/REGS WARRANT 09/28/2022	0.19
VEDANTA LTD SEDOL 6136040	0.19
SAMSUNG ELECTRO-MECHANICS CO SEDOL 6771689	0.19
SRI TRANG GLOVES THA-FOREIGN SEDOL BMGJNPO	0.18
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/07	0.18
SANY HEAVY INDUSTRY CO LTD 144A/REGS WARRANT 12/16/2021	0.18
FHR 5053 IB IO 03.0000 12/25/2050	0.17
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.16
CATHAY FINANCIAL HOLDING CO SEDOL 6425663	0.15
SUN PHARMA INDUS SEDOL 6582483	0.14
ANGLO AMERICAN PLATINUM LTD SEDOL 6761000	0.14
FNR 2017-74 SA IO 05.6481 10/25/2047	0.13
XINYI GLASS HOLDINGS LTD SEDOL B05NXN7	0.13
SCRT 2019-4 M 04.5000 02/25/2059	0.13
BANCO BRADESCO SA-PREF SEDOL B00FM53	0.13
CHINA YONGDA AUTOMOBILES SER SEDOL B8F2T65	0.12
QUANTA COMPUTER INC SEDOL 6141011	0.12
SHAANXI COAL INDUSTRY 144A/REGS WARRANT 07/29/2022	0.12
FNR 2020-85 IP IO 03.0000 12/25/2050	0.11
TATA CONSULTANCY SVS LTD SEDOL B01NPJ1	0.11
KUMHO PETROCHEMICAL CO LTD SEDOL 6499323	0.11
UNITED MICROELECTRONICS CORP SEDOL 6916628	0.11
SHRP 2020-1 NOTE 03.0253 07/25/2024	0.11
SPST 2021-10 A 00.8519 08/08/2022	0.11
MWST 2020-2 A 00.9019 11/25/2053	0.11

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SPST 2021-6 A	00.9019	04/25/2022	0.11
MWST 2020-1 A	01.0019	10/25/2053	0.11
GNR 2020-173 MI IO	02.5000	11/20/2050	0.11
TATA STEEL LTD	SEDOL 6101156		0.10
LUKOIL PJSC-SPON ADR	SEDOL BYZDW27		0.10
PETROBRAS GLOBAL FINANCE USD	06.2500	03/17/2024	0.10
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2		0.10
ENBRIDGE INC	USD 04.2500	12/01/2026	0.09
CHINA MEDICAL SYSTEM HOLDING	SEDOL B6WY993		0.09
CHINA FEIHE LTD	SEDOL BKOSBL1		0.09
FHR 5082 IQ IO	03.0000	03/25/2051	0.09
CMLTI 2007-AR5 1A1A	02.8944	04/25/2037	0.09
REALTEK SEMICONDUCTOR CORP	SEDOL 6051422		0.09
GNR 2018-153 AI IO	04.5000	09/16/2045	0.09
FNR 2016-3 MI IO	05.5000	02/25/2046	0.09
THAI UNION GROUP PCL-F	SEDOL BYTBHT9		0.08
GSMS 2014-GC24 D	144A 04.5327	09/10/2047	0.08
GNR 2014-184 DI IO	05.5000	12/16/2044	0.08
FNR 2015-30 IO IO	05.5000	05/25/2045	0.08
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047 GS	0.08
GNR 2020-33 SA IO	05.9961	03/20/2050	0.08
EXTRA AB R SOFRRATE P	06/20/23 BA		0.07
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605		0.07
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24		0.07
PETROBRAS GLOBAL FIN	USD 05.9990	01/27/2028	0.07
LG ELECTRONICS INC	SEDOL 6520739		0.07
FNR 2018-51 IO IO	06.5000	07/25/2048	0.07
OPAP SA	SEDOL 7107250		0.07
GNR 2010-125 SD IO	06.5725	01/16/2040	0.07
CTBC FINANCIAL HOLDING CO LT	SEDOL 6527666		0.06
GNR 2015-H11 CI IO	01.8853	05/20/2065	0.06
GNR 2016-H02 BI IO	01.6978	11/20/2065	0.06
FNR 2020-47 ID IO	04.0000	07/25/2050	0.06
POSCO	SEDOL 6693233		0.06
FHR 4964 IA IO	04.5000	03/25/2050	0.06
FNR 2017-8 SB IO	05.9981	02/25/2047	0.06
CAS 2017-C03 1M2	03.1028	10/25/2029	0.06
MARFRIG GLOBAL FOODS SA	SEDOL B1YWHR4		0.06
WFRBS 2012-C7 F	144A 04.5000	06/15/2045	0.06
GNR 2015-H15 JI IO	01.9661	06/20/2065	0.06
EMAMI LTD	SEDOL 6741035		0.06
FNR 2016-88 SK IO	05.8981	12/25/2046	0.05
SBERBANK PJSC -SPONSORED ADR	SEDOL B5SC091		0.05
BOSIDENG INTL HLDGS LTD	SEDOL B24FZ32		0.05
BANCO SANTANDER CHILE	SEDOL 2000257		0.05

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PETROBRAS GLOBAL FINANCE USD 08.7500 05/23/2026	0.05
PETROLEOS MEXICANOS P/P 144A 06.7000 02/16/2032	0.05
GNR 2015-H25 BI IO 01.7418 10/20/2065	0.05
CAS 2015-C04 1M2 05.8028 04/25/2028	0.05
JPMBB 2013-C14 E 144A 04.5476 08/15/2046	0.05
STACR 2020-HQA2 M2 03.2028 03/25/2050	0.05
CAS 2017-C02 2B1 05.6028 09/25/2029	0.05
WAMU 2004-AR12 A2B 01.0219 10/25/2044	0.05
GNR 2015-H25 AI IO 01.6207 09/20/2065	0.05
FNR 2017-108 SA IO 06.0481 01/25/2048	0.05
CAS 2020-R01 1B1 03.3528 01/25/2040	0.04
GNR 2016-150 I IO 05.0000 11/20/2046	0.04
TISCO FINANCIAL-FOREIGN SEDOL B3KFW76	0.04
EMBOTELLADORAS ARCA SA-NOM SEDOL 2823885	0.04
GNR 2018-91 SJ IO 06.1461 07/20/2048	0.04
GNR 2016-51 MS IO 05.9461 04/20/2046	0.04
INTL CONTAINER TERM SVCS INC SEDOL 6455819	0.04
FNR 2020-16 SG IO 05.9481 03/25/2050	0.04
JPMCC 2006-LDP9 AMS 05.3370 05/15/2047	0.04
GNR 2017-H14 DI IO 01.7111 06/20/2067	0.04
ZHUZHOU KIBING GROUP CO 144A/REGS WARRANT 07/29/2022	0.04
CIPLA LTD SEDOL B011108	0.04
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CG	0.04
FNR 2016-65 CS IO 05.9981 09/25/2046	0.03
GNR 2015-H20 CI IO 01.8362 08/20/2065	0.03
FNR 2017-32 IP IO 04.5000 05/25/2047	0.03
GNR 2014-H21 AI IO 01.4703 10/20/2064	0.03
GNR 2018-H05 AI IO 02.3715 02/20/2068	0.03
CMB CMBX.NA.BBB-7 2047-01-17 300.0 01/17/2047 MS	0.03
GNR 2015-H09 AI IO 01.7381 04/20/2065	0.03
POWERLONG REAL ESTATE HOLDIN SEDOL B4LL9N5	0.03
FNR 2013-130 SD IO 06.4981 01/25/2044	0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CS	0.03
GNR 2015-H19 NI IO 01.9172 07/20/2065	0.03
GNR 2015-H09 BI IO 01.6873 03/20/2065	0.03
GNR 2015-53 MI IO 04.0000 04/16/2045	0.03
GNR 2017-H02 BI IO 02.4213 01/20/2067	0.03
G-BITS NETWORK TECHNOLOGY 144A/REGS WARRANT 10/21/2022	0.03
GNR 2015-H10 CI IO 01.8104 04/20/2065	0.03
CAS 2017-C06 2M2 02.9028 02/25/2030	0.03
FNR 2016-3 NI IO 06.0000 02/25/2046	0.03
KT CORP SEDOL 6505316	0.03
GRUPO BIMBO SAB- SERIES A SEDOL 2392471	0.03
SHINHAN FINANCIAL GROUP LTD SEDOL 6397502	0.03
GNR 2019-121 DS IO 05.9961 08/20/2049	0.03

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GNR 2018-104 SD IO	06.0961 08/20/2048	0.03
GNR 2015-80 IA IO	04.5000 06/20/2045	0.03
MEITUAN-CLASS B	SEDOL BGJW376	0.02
ENN NATURAL GAS CO 144A/REGS WARRANT 10/21/2022		0.02
GNR 2016-H08 GI IO	01.4410 04/20/2066	0.02
1.40 R ISWP FWD SOFRRATE P 03/16/2032		0.02
INDOFOOD SUKSES MAKMUR TBK P SEDOL 6283979		0.02
GNR 2017-H06 BI IO	02.3345 02/20/2067	0.02
GNR 2016-H03 AI IO	01.7654 01/20/2066	0.02
GNR 2015-H24 HI IO	02.0843 09/20/2065	0.02
GNR 2015-167 BI IO	04.5000 04/16/2045	0.02
COCA-COLA ICECEK AS	SEDOL B058ZV4	0.02
TURKIYE GARANTI BANKASI	SEDOL B03MYP5	0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 GS		0.02
HONG LEONG BANK BERHAD	SEDOL 6436892	0.02
CWHL 2005-3 1A1	00.7219 04/25/2035	0.02
GNR 2015-187 JI IO	04.0000 03/20/2045	0.02
1.695 R ISWP FWD NOKOIB6M P 03/16/2032		0.02
GNR 2015-H16 XI IO	01.8935 07/20/2065	0.02
GNR 2011-17 S IO	05.9461 02/20/2041	0.02
GNR 2014-146 EI IO	05.0000 10/20/2044	0.02
GNR 2015-105 LI IO	05.0000 10/20/2039	0.02
GNR 2010-9 UI IO	05.0000 01/20/2040	0.02
FHR 4752 PS IO	06.0903 11/15/2047	0.02
GNR 2016-H16 DI IO	02.2336 06/20/2066	0.02
CHINA COAL ENERGY CO-H	SEDOL B1JNK84	0.02
CHINA MERCHANTS BANK-H	SEDOL B1DYPZ5	0.02
GNR 2013-20 QI IO	04.5000 12/16/2042	0.02
ASTRA INTERNATIONAL TBK PT	SEDOL B800MQ5	0.02
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CS		0.01
WFRBS 2011-C3 E	144A 05.0000 03/15/2044	0.01
GNR 2013-6 AI IO	03.5000 08/20/2039	0.01
GNR 2009-121 UI IO	05.0000 12/20/2039	0.01
GNR 2016-H04 KI IO	01.5136 02/20/2066	0.01
GNR 2010-20 UI IO	05.0000 02/20/2040	0.01
GNR 2018-127 ID IO	05.0000 07/20/2045	0.01
FNR 2012-151 PI IO	03.0000 01/25/2043	0.01
GNR 2014-163 NI IO	05.0000 02/20/2044	0.01
GNR 2015-H10 EI IO	01.6087 04/20/2065	0.01
GNR 2015-24 IA IO	03.5000 02/20/2045	0.01
VALE SA-SP ADR	SEDOL 2857334	0.01
FHR 4193 PI IO	04.0000 03/15/2043	0.01
GNR 2011-H15 AI IO	01.5563 06/20/2061	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 ML		0.01
GNR 2013-129 SN IO	06.0461 09/20/2043	0.01

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HOPSON DEVELOPMENT HOLDINGS SEDOL BMXJW56	0.01
2.59 R ISWP FWD NFIX3MID P 03/16/2032	0.01
JD.COM INC - CL A SEDOL BKPQZT6	0.01
1.385 R ISWP FWD SOFRRATE P 03/16/2032	0.01
0.90 R ISWP FWD SOFRRATE P 03/16/2024	0.01
FHR 4801 IG IO 03.0000 06/15/2048	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 ML	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
1.60 R ISWP FWD SOFRRATE P 03/16/2052	0.01
GNR 2013-24 PI IO 04.0000 11/20/2042	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01
FNR 2013-35 PI IO 03.0000 02/25/2042	0.01
0.85 R ISWP FWD SONIA P 03/16/2032	0.01
FHR 4206 IP IO 03.0000 12/15/2041	0.01
2.08 R ISWP FWD CDOR03 P 03/16/2032	0.01
GNR 2016-75 EI IO 03.5000 08/20/2045	0.01
0.85 R ISWP FWD SES3M P 03/16/2032	0.01
SWPTN 5YX30YR 2.8325 USD 02/15/2022 JP	0.00
GNR 2010-35 QI IO 04.5000 03/20/2040	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML	0.00
GNR 2013-79 XI IO 03.5000 11/20/2039	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
GNR 2015-99 LI IO 04.0000 07/20/2045	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
UBSBB 2012-C2 F 144A05.0000 05/10/2063	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
GNR 2013-100 MI IO 03.5000 02/20/2043	0.00
GNR 2013-157 IA IO 03.5000 04/20/2040	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
CAS 2015-C02 2M2 04.1028 05/25/2025	0.00
SWPTN 10YX20YR 2.8175 USD 03/23/2027 GS	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
1.285 R ISWP SOFRRATE P 12/23/2031	0.00
1.285 R ISWP SOFRRATE P 12/24/2031	0.00
2.04 R ISWP FWD AUDBB6M P 03/16/2032	0.00
GNR 2014-133 AI IO 04.0000 10/20/2036	0.00

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GNR 2011-116 IB IO	05.0000	10/20/2040	0.00
GNR 2013-102 IP IO	03.5000	06/20/2043	0.00
MLCFC 2006-4 XC IO P/P	144A01.1556	12/12/2049	0.00
GNR 2012-141 WI IO	03.5000	11/20/2041	0.00
GLOW ENERGY PCL - FOREIGN	SEDOL B074GX9		0.00
1.096 R ISWP SOFRRATE P		12/24/2026	-0.00
1.435 R ISWP SOFRRATE P		12/24/2051	-0.00
SWPTN 2YX30Y P 2.3075 USD		06/20/2022 BA	-0.00
SWPTN 10YX20Y P 2.8175 USD		03/23/2027 GS	-0.00
SWPTN 10YX20Y R 1.275 USD		03/05/2030 BA	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 BA	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 BA	-0.00
CMB CMBX.NA.A.6 2063-05-11	200.0	05/11/2063 GS	-0.00
CMB CMBX.NA.A.6 2063-05-11	200.0	05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 BA	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 BA	-0.00
SWPTN 2YX30Y R 2.3075 USD		06/20/2022 BA	-0.01
SWPTN 5YX30Y P 2.8325 USD		02/15/2022 JP	-0.01
1.3265 R ISWP SOFRRATE P		01/03/2032	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17	300.0	01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11	200.0	05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 BC	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11	200.0	05/11/2063 CS	-0.01
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047 CG	-0.01
EBIX US P R		07/05/22 CI	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17	300.0	01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.02
1.25 R ISWP FWD SOFRRATE P		03/16/2027	-0.02
ZYXI US P US0001M R		07/05/22 CI	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17	300.0	01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11	300.0	05/11/2063 GS	-0.02
215600 KS P SOFRRATE R		12/15/25 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17	300.0	01/17/2047 BC	-0.02

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
-0.07 R ISWP FWD SARON P 03/16/2032	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.03
0.15 R ISWP FWD EUR006M P 03/16/2032	-0.03
SFIX US P US0001M R 07/05/22 CI	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
PLUG US P US0001M R 07/05/22 CI	-0.04
WDFC US P US0001M R 07/05/22 CI	-0.04
BGS US P R 07/05/22 CI	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.04
LPSN US P US0001M R 07/05/22 CI	-0.05
BE US P US0001M R 01/02/22 GS	-0.06
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.07
ACIW US P R 07/05/22 CI	-0.07
BYND US P US0001M R 01/02/22 GS	-0.07
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.08
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.09
PGNY US P US0001M R 01/02/22 GS	-0.09
HCSG US P US0001M R 07/05/22 CI	-0.11
LUMN US P US0001M R 07/05/22 CI	-0.11
AIR US P US0001M R 07/05/22 CI	-0.12
FSLR US P US0001M R 01/02/22 GS	-0.13
DY US P R 07/05/22 CI	-0.14
PRIM US P US0001M R 07/05/22 CI	-0.15
FCNCA US P US0001M R 07/05/22 CI	-0.15
OLED US P US0001M R 07/05/22 CI	-0.15
AHCO US P US0001M R 07/05/22 CI	-0.15
ENR US P R 07/05/22 CI	-0.16
DSEY US P US0001M R 07/05/22 CI	-0.16
CPURNSA P 2.78 R 01/15/32	-0.17
AAP US P US0001M R 07/05/22 CI	-0.18
NEWR US P US0001M R 01/02/22 GS	-0.19
HELE US P US0001M R 07/05/22 CI	-0.19
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.23
ELAN US P US0001M R 07/05/22 CI	-0.24
LHX US P US0001M R 07/05/22 CI	-0.33
CPURNSA P 2.7375 R 09/13/26	-0.36
PEN US P US0001M R 07/05/22 CI	-0.36
RL US P US0001M R 07/05/22 CI	-0.37
BHC US P R 07/05/22 CI	-0.38
TSLA US P R 07/05/22 CI	-0.41
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.48
CDX CDX.NA.HY.37 500.0 12/20/2026	-0.52

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.91
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-0.95
FNMA FN30 TBA UMBS 02.0000 01/01/2052	-4.29
NDUEEGF P SOFRRATE R 11/02/22 UB	-6.59
NDUEEGF P SOFRRATE R 11/02/22 CS	-6.67
FNMA FN30 TBA UMBS 02.5000 01/01/2052	-8.78
US 2YR NOTE (CBT) MAR22 TUH2	-16.88
US 5YR NOTE (CBT) MAR22 FVH2	-17.68
RU10INTR P SOFRRATE R 10/12/22 BA	-23.09
GSGLPWDS P SOFRRATE R 12/15/25 GS	-28.48
SPTR P SOFRRATE R 05/22/23 UB	-37.17