



**THE FOUNDATION
FOR SECURE
MARKETS**

#46692

TO: ALL CLEARING MEMBERS

DATE: March 25, 2020

SUBJECT: Customer Margins for OneChicago Futures

Each month OCC updates OneChicago scan ranges used in the OCX SPAN parameter file. The frequency of the updates is intended to keep the futures customer margin rates more closely aligned with clearing margins, while maintaining regulatory minimums related to security futures. Due to recent market volatility this month's new rates will be effective on Tuesday 3/27.

To receive email notification of these rate changes, which includes an attached file of the rate changes, please subscribe to the ONE Updates list from the OFRA webpage: <https://www.theocc.com/risk-management/ofra/>, or contact pricingandmargins@theocc.com.

The following scan ranges will be updated, and all others will not change:

Commodity Code	Name	Current Scan Range	Scan Range Effective 3/27
A	AGILENT TECHNOLOGIES INC	20.0	21.2
AA	Alcoa Corporation	20.0	32.3
AAL	American Airlines Group Inc.	38.7	56.7
AAN	Aarons Inc	26.1	49.0
AAP	ADVANCED AUTO PARTS INCCOM	20.0	30.3
AAXN	Axon Enterprise, Inc.	26.0	20.0
AB	Alliance Bernstein Holding LP	27.6	49.4
ABB	ABB LTDSPONSORED ADR	20.0	26.2
ABC	AMERISOURCEBERGEN CORP	20.0	24.0
ABEV	Ambev S.A. ADR	20.0	26.0
ABMD	ABIOMED INCCOM	22.0	20.0
ABT	ABBOTT LABS	20.0	21.5
ACAD	ACADIA PHARMACEUTICALS	34.4	26.6
ACC	AMERICAN CAMPUS CMNTYS INCCOM	20.0	55.7
ACGL	ARCH CAP GROUP LTD	20.0	36.5
ACH	ALUMINUM CORP CHINA LTDSPON ADR H SHS	20.0	21.8

ACHC	ACADIA HEALTHCARE COMPANY INCOM	26.9	31.3
ACIA	ACACIA COMMUNICATIONS INCCOM	21.2	21.5
ACM	AECOM	28.9	28.4
ADBE	Adobe Inc.	20.8	23.2
ADI	ANALOG DEVICES INC	20.2	28.6
ADM	ARCHER DANIELS MIDLAND CO	20.0	20.6
ADP	AUTOMATIC DATA PROCESSING IN	20.0	21.3
ADS	ALLIANCE DATA SYSTEMS CORPCOM	31.9	72.8
ADSK	AUTODESK INC	20.1	20.0
AEE	AMEREN CORP	20.0	28.8
AEGN	Aegion Corp	20.0	24.4
AEM	Agnico Eagle Mines Limited	20.3	27.6
AEO	AMERICAN EAGLE OUTFITTERS NECOM	20.6	23.8
AEP	AMERICAN ELEC PWR INCCOM	20.0	25.6
AER	AERCAP HOLDINGS NVSHS	34.3	73.1
AES	AES CORP	29.2	38.0
AFG	AMERICAN FINL GROUP INC OHIO	20.0	39.9
AFL	AFLAC INC	21.1	37.9
AGCO	AGCO CORP	20.0	46.1
AGIO	AGIOS PHARMACEUTICALS INCCOM	26.0	30.0
AGM	FEDERAL AGRICULTURE CORP CLS C	20.0	36.9
AGNC	AGNC Investment Corp.	20.0	27.1
AGO	Assured Guaranty LTD	20.0	55.7
AGX	ARGAN INCCOM	24.1	25.6
AI	ARLINGTON ASSET INVT CORPCL A NEW	27.2	100.0
AIG	AMERICAN INTL GROUP INC	32.8	47.4
AINV	APOLLO INVT CORPCOM	31.2	47.2
AIR	AAR CORPCOM	32.9	75.1
AIT	APPLIED INDL TECHNOLOGIES IN	24.8	47.6
AIV	APARTMENT INVT & MGMT CO	20.0	43.8
AIZ	ASSURANT INCCOM	20.0	27.3
AKCA	AKCEA THERAPEUTICS INCCOM	26.9	28.4
AKRX	AKORN INCCOM	49.1	68.1
AL	AIR LEASE CORP	24.2	69.6
ALB	ALBEMARLE CORP	25.6	38.0
ALGN	ALIGN TECHNOLOGY INCCOM	25.3	31.1
ALK	ALASKA AIR GROUP INC	24.1	52.1
ALKS	Alkermes plc	26.3	23.0
ALL	ALLSTATE CORP	22.1	23.7
ALLE	ALLEGION PUB LTD COORD SHS	20.0	21.7
ALLY	ALLY FINL INCCOM	25.0	40.4
ALNY	ALNYLAM PHARMACEUTICALS INCCOM	21.5	20.2
ALSN	ALLISON TRANSMISSION HLDGS ICOM	20.0	20.3
ALV	AUTOLIV INC	20.0	35.0
AM	Antero Midstream Corporation	37.0	48.9
AMAG	AMAG Pharmaceuticals Inc	24.2	20.3
AMAT	APPLIED MATERIALS INC	20.5	31.3
AMBA	AMBARELLA INCSHS	25.2	24.9

AMCR	AMCOR PLC	37.6	54.4
AMCX	AMC NETWORKS INCCL A	20.0	26.1
AMD	ADVANCED MICRO DEVICES INC	20.4	20.9
AME	AMETEK INC NEW	25.8	29.6
AMED	AMEDISYS INCCOM	20.0	32.4
AMG	AFFILIATED MANAGERS GROUP	29.7	34.3
AMH	AMERICAN HOMES 4 RENTCL A	20.0	24.5
AMJ	JPMORGAN Alerian MLP ETN	47.6	43.6
AML	ALPS ETF TRALERIAN MLP	51.9	47.7
AMN	AMN HEALTHCARE SERVICES INCCOM	20.0	34.5
AMP	AMERIPRISE FINL INCCOM	25.8	29.7
AMT	AMERICAN TOWER CORP	20.0	23.0
AMTD	TD Ameritrade Holding Corp	24.6	20.0
AMWD	AMERICAN WOODMARK CORPCOM	22.9	48.9
AMX	AMERICA MOVIL SAB DE CVSPON ADR L SHS	21.6	28.1
AN	AUTONATION INC	20.0	39.3
ANET	ARISTA NETWORKS INCCOM	23.0	20.0
ANF	ABERCROMBIE & FITCH CO	21.6	22.3
ANGI	ANGI Homeservices Inc.	20.3	20.0
ANSS	ANSYS, Inc.	20.6	24.2
ANTM	Anthem, Inc.	20.0	30.8
AOBC	American Outdoor Brands Corporation	20.0	20.4
AON	Aon plc	29.7	20.0
APAM	ARTISAN PARTNERS ASSET MGMTCL A	26.5	30.1
APD	AIR PRODS & CHEMS INC	20.0	22.0
APH	AMPHENOL CORP NEW	20.0	21.3
APHA	APHRIA INCCOM	33.6	29.9
APLE	APPLE HOSPITALITY REIT INCCOM NEW	24.9	52.7
APO	Apollo Global Management, Inc.	30.2	32.8
APOG	APOGEE ENTERPRISES INCCOM	25.8	24.4
APTV	Aptiv PLC	22.3	56.8
AR	ANTERO RES CORPCOM	44.8	50.5
ARCC	ARES CAP CORPCOM	20.0	64.9
ARCO	ARCOS DORADOS HOLDINGS INC	55.7	32.6
ARE	ALEXANDRIA REAL ESTATE EQ IN	20.0	30.0
ARI	APOLLO COML REAL EST FIN INCCOM	22.3	52.9
ARLP	ALLIANCE RES PARTNER L P	51.2	100.0
ARMK	Aramark	34.3	65.0
ARNC	Arconic Inc.	29.2	45.9
ARR	ARMOUR RESIDENTIAL REIT INCCOM	20.6	58.6
ARW	ARROW ELECTRS INC	22.5	30.4
ASB	ASSOCIATED BANC CORPCOM	30.8	28.4
ASH	Ashland Global Holdings Inc.	30.8	35.8
ASTE	ASTEC INDS INC	23.8	20.6
ATCO	Atlas Corporation	22.8	38.9
ATI	ALLEGHENY TECHNOLOGIES INC	33.9	54.4
ATO	ATMOS ENERGY CORP	20.0	27.7
ATR	APTARGROUP INCCOM	20.0	20.2

AU	ANGLOGOLD ASHANTI LTD	21.8	42.1
AVA	AVISTA CORPORATION	20.0	45.3
AVB	AVALONBAY COMMUNITIES	20.0	36.4
AVGO	Broadcom Inc.	20.3	33.5
AVT	AVNET INC	20.0	35.4
AVY	AVERY DENNISON CORP	20.0	26.9
AWI	ARMSTRONG WORLD INDS INC NEWCOM	25.2	27.2
AWK	AMERICAN WTR WKS CO INC NEWCOM	20.0	30.4
AX	Axos Financial, Inc.	28.0	33.3
AXP	AMERICAN EXPRESS CO	21.6	29.2
AXS	AXIS CAPITAL HOLDINGSSHS	21.7	26.7
AXTA	AXALTA COATING SYS LTDCOM	20.0	24.5
B	BARNES GROUP INC	31.8	37.6
BA	BOEING CO	45.1	51.3
BAC	BANK OF AMERICA CORPORATION	31.2	31.9
BAM	BROOKFIELD ASSET MGMT INCCL A LTD VT SH	20.0	38.0
BBBY	BED BATH & BEYOND INC	23.0	39.9
BBD	BANCO BRADESCO S ASP ADR PFD NEW	20.0	37.0
BBDC	Barings BDC, Inc.	20.0	49.1
BBVA	BANCO BILBAO VIZCAYA ARGENTINA	29.1	37.4
BBY	BEST BUY INC	22.1	21.7
BC	BRUNSWICK CORP	34.2	45.7
BCE	BCE INC	20.0	31.0
BCS	BARCLAYS PLCADR	24.0	40.2
BDN	BRANDYWINE RLTY TR	20.6	34.7
BDX	BECTON DICKINSON & CO	20.0	23.1
BEN	FRANKLIN RES INC	21.1	27.8
BFA	BROWN FORMAN CORPCL A	20.0	24.8
BFB	BROWN FORMAN CORP CL.B	20.0	23.8
BG	BUNGE LIMITEDCOM	20.5	29.2
BGG	BRIGGS & STRATTON CORP	25.3	20.3
BHC	Bausch Health Companies Inc.	29.0	45.7
BHF	BRIGHTHOUSE FINL INCCOM	34.7	24.1
BHP	BHP Group Limited	26.6	26.0
BIDU	Baidu Inc	20.0	20.2
BIG	BIG LOTS INCCOM	26.2	43.6
BIP	BROOKFIELD INFRAST PARTNERSLP INT UNIT	24.4	36.7
BITA	BITAUTO HLDGS LTDSPONSORED ADS	20.0	20.2
BJRI	BJs Restaurants Inc.	40.9	83.5
BK	BANK OF NEW YORK MELLON CORPCOM	21.4	27.8
BKD	BROOKDALE SR LIVING INCCOM	40.0	78.4
BKE	BUCKLE INC	20.0	25.1
BKEP	BLUEKNIGHT ENERGY PARTNERS LCOM UNIT	23.3	53.3
BKNG	Booking Holdings Inc.	20.1	20.0
BKR	Baker Hughes Company	39.1	45.2
BKU	BANKUNITED INCCOM	23.0	51.7
BLK	BLACKROCK INCCOM	20.0	27.7
BLMN	Bloomin Brands Inc.	37.5	34.9

BLUE	BLUEBIRD BIO INCCOM	23.9	22.3
BLX	BANCO LATINOAMERICANO DE COMSHS E	20.0	47.4
BMO	BANK MONTREAL QUE	28.2	32.4
BMRN	BIOMARIN PHARMACEUTICAL INC	20.0	20.7
BNS	BANK NOVA SCOTIA HALIFAXCOM	22.7	28.6
BOH	BANK OF HAWAII CORP.	24.2	32.3
BOKF	BOK FINL CORPCOM NEW	55.9	39.4
BP	BP PLC	36.1	39.2
BPOP	POPULAR INC	28.0	40.1
BRF	VanEck Vectors Brazil Small-Cap ETF	29.6	41.7
BRFS	BRF S.A.	28.3	48.1
BRKR	BRUKER CORPCOM	21.6	24.5
BRX	BRIXMOR PPTY GROUP INCCOM	20.0	45.7
BSAC	BANCO SANTANDER CHILE NEWSP ADR REP COM	20.0	37.2
BSBR	BANCO SANTANDER BRASIL S AADS REP 1 UNIT	24.6	41.9
BSX	BOSTON SCIENTIFIC CORP	20.0	24.2
BTI	BRITISH AMERN TOB PLC	20.0	20.3
BUD	ANHEUSER BUSCH INBEV SA/NVSPONSORED ADR	20.2	22.3
BURL	BURLINGTON STORES INCCOM	20.0	30.1
BVN	COMPANIA DE MINAS BUENAVENTUSPONSORED ADR	26.1	56.2
BWA	BORGWARNER INCCOM	20.1	26.5
BWXT	BWX Technologies, Inc.	20.9	20.0
BX	The Blackstone Group Inc.	28.3	33.0
BXP	BOSTON PROPERTIES INC	20.0	33.0
BXS	BancorpSouth Bank	28.5	38.1
BYD	BOYD GAMING CORP	39.4	89.2
BZH	BEAZER HOMES USA INC	31.3	42.9
C	CITIGROUP INC	38.1	40.3
CACC	CREDIT ACCEP CORP MICHCOM	20.0	32.6
CAKE	CHEESECAKE FACTORY INCCOM	29.3	49.2
CAR	Avis Budget Group Inc	49.1	97.7
CARA	CARA THERAPEUTICS INCCOM	27.3	35.2
CAT	CATERPILLAR INC DEL	24.6	21.4
CB	Chubb Limited	20.0	28.1
CBD	Companhia Brasileira de Distribuicao	22.0	20.0
CBL	CBL & ASSOC PPTYS INCCOM	39.7	100.0
CBOE	Cboe Global Markets, Inc.	20.0	27.1
CBRE	CBRE Group Inc.	23.3	41.7
CBRL	Cracker Barrel Old Country Store	24.7	55.7
CBT	CABOT CORP	21.2	52.4
CCI	Crown Castle International Corp. (REIT)	20.0	21.9
CCJ	CAMECO CORP	23.3	30.2
CCK	CROWN HOLDINGS INC	23.4	32.8
CCL	CARNIVAL CORP	51.0	78.8
CCO	Clear Channel Outdoor Holdings, Inc.	41.7	78.4
CDE	Coeur Mining Inc.	32.0	44.9

CDK	CDK GLOBAL INCCOM	20.0	25.2
CDR	Cedar Realty Trust, Inc.	27.8	85.9
CDW	CDW CORPCOM	23.0	28.3
CE	CELANESE CORP	25.6	32.9
CENX	Century Aluminum Co.	33.7	37.2
CF	CF INDS HLDGS INCCOM	23.6	34.7
CFFN	CAPITOL FED FINLCOM	20.0	23.7
CFG	CITIZENS FINL GROUP INCCOM	30.9	33.4
CFR	CULLEN FROST BANKERS INC	46.7	35.0
CFX	COLFAX CORPCOM	35.7	63.6
CG	The Carlyle Group Inc.	24.8	40.6
CGBD	TCG BDC INCCOM	20.0	73.4
CGC	CANOPY GROWTH CORPCOM	36.8	30.0
CGNX	COGNEX CORPCOM	24.2	27.8
CHH	NEW CHOICE HOTELS INTL	20.0	26.7
CHK	CHESAPEAKE ENERGY CORP	82.6	100.0
CHS	CHICOS FAS INCCOM	25.6	46.5
CI	Cigna Corporation	20.0	25.6
CIA	CITIZENS INC	24.4	46.4
CIB	BANCOLOMBIA S A	30.9	31.4
CIEN	CIENA CORPCOM NEW	20.0	22.4
CIM	CHIMERA INVT CORPCOM	20.0	44.7
CINF	CINCINNATI FINL CORP	20.0	22.6
CIT	CIT GROUP INCCOM NEW	46.0	40.7
CLF	Cleveland-Cliffs Inc.	26.6	57.3
CLGX	CoreLogic Inc	20.0	34.4
CLH	CLEAN HARBORS INC	36.7	72.2
CLMT	CALUMET SPECIALTY PRODS PTNRUT LTD PARTNER	54.7	59.6
CLR	CONTINENTAL RESOURCES INCCOM	100.0	66.7
CLS	CELESTICA INC	25.5	40.3
CM	CDN IMPERIAL BK OF COMMERCECOM	26.5	29.0
CMA	COMERICA INC	37.6	46.8
CMC	COMMERCIAL METALS COCOM	29.4	30.3
CMCSA	COMCAST CORP	20.0	20.6
CME	CME Group Inc	20.0	40.7
CMG	Chipotle Mexican Grill Inc	26.8	22.7
CMI	CUMMINS INCCOM	20.0	29.7
CMO	CAPSTEAD MTG CORP	20.0	59.5
CMP	COMPASS MINERALS INTL INCCOM	20.0	20.1
CMPR	Cimpress PLC	21.5	27.4
CMS	CMS ENERGY CORP	20.0	26.0
CNC	CENTENE CORP	20.0	23.4
CNI	CANADIAN NATL RY COCOM	20.0	21.1
CNK	CINEMARK HOLDINGS INCCOM	23.8	96.9
CNO	CNO Financial Group, Inc	22.2	34.7
CNP	CENTERPOINT ENERGY, INC.	28.5	35.9
CNQ	CANADIAN NAT RES LTDCOM	56.4	60.9

CNSL	CONSOLIDATED COMM HLDGS INCCOM	25.8	37.7
CNX	CNX Resources Corporation	25.7	49.4
COF	CAPITAL ONE FINL CORP	29.4	44.1
COG	CABOT OIL & GAS CORPCOM	20.0	27.4
COLM	COLUMBIA SPORTSWEAR COCOM	20.0	25.4
COMM	COMMSCOPE HLDG CO INCCOM	34.8	28.6
COO	COOPER COS INC	20.0	23.5
COP	CONOCOPHILLIPS PETROLEUM	48.1	43.9
COTY	COTY INCCOM CL A	20.0	62.6
CP	CANADIAN PAC RY LTD	29.1	25.8
CPA	COPA HOLDINGS SACL A	29.9	41.7
CPE	CALLON PETE CO DEL	100.0	98.8
CPRI	Capri Holdings Limited	25.1	33.1
CPRT	COPART INCCOM	20.0	22.3
CPT	CAMDEN PPTY TR	22.5	32.9
CQP	CHENIERE ENERGY PARTNERS LPCOM UNIT	26.2	30.8
CR	CRANE CO	21.9	29.6
CREE	CREE INC	20.0	34.8
CRI	CARTER INCCOM	20.0	26.8
CRL	CHARLES RIV LABS INTL INCCOM	20.7	28.2
CRM	SALESFORCE COM INCCOM	20.0	22.8
CROX	CROCS INCCOM	27.8	25.5
CRS	CARPENTER TECHNOLOGY CORP	30.0	59.1
CRUS	CIRRUS LOGIC INCCOM	22.6	24.3
CRVL	CORVEL CORPCOM	20.0	36.0
CS	CREDIT SUISSE GROUPSPONSORED ADR	24.7	36.1
CSGP	COSTAR GROUP INCCOM	20.0	20.3
CSIQ	CANADIAN SOLAR INCCOM	24.5	38.0
CSL	CARLISLE COS INC	20.0	23.7
CSQ	CALAMOS STRATEGIC TOTL RETNCOM SH BEN INT	20.0	21.8
CSX	CSX CORP	22.2	26.1
CTAS	CINTAS CORPCOM	20.0	30.7
CTL	CenturyLink Inc	29.7	27.3
CTSH	COGNIZANT TECHNOLOGY SOLUTIO	20.0	21.0
CTVA	CORTEVA INC	38.0	55.0
CTXS	CITRIX SYS INC	20.0	20.3
CVA	COVANTA HLDG CORPCOM	30.0	37.8
CVI	CVR ENERGY INCCOM	29.9	45.3
CVS	CVS Health Corporation	20.0	22.3
CVX	CHEVRON CORP NEWCOM	26.2	41.2
CX	CEMEX SAB DE CVSPON ADR NEW	31.8	46.0
CXO	CONCHO RES INCCOM	33.7	26.5
CXP	COLUMBIA PPTY TR INCCOM NEW	29.9	35.5
CXW	CoreCivic, Inc.	25.9	49.5
CY	CYPRESS SEMICONDUCTOR CORP	35.2	28.5
CYH	COMMUNITY HEALTH SYS INC NEW	40.0	44.8
CZR	CAESARS ENTMT CORPCOM	21.9	100.0

D	Dominion Energy, Inc.	20.0	29.8
DAL	DELTA AIR LINES INC DELCOM NEW	20.0	60.5
DB	DEUTSCHE BANK AGNAMEN AKT	23.8	29.7
DBI	Designer Brands Inc.	26.7	100.0
DBO	Invesco DB Oil Fund	29.6	24.2
DCI	DONALDSON INC	20.0	27.3
DCP	DCP Midstream, LP	100.0	98.2
DD	DuPont de Nemours, Inc.	22.3	22.5
DDD	3-D SYS CORP DELCOM NEW	21.1	21.5
DDS	DILLARDS INC	22.1	43.5
DE	DEERE & CO	20.0	27.8
DECK	DECKERS OUTDOOR CORP	20.0	40.8
DEI	DOUGLAS EMMETT INCCOM	21.1	31.5
DFS	DISCOVER FINL SVCSCOM	28.1	63.8
DHC	Diversified Healthcare Trust	35.6	72.2
DHI	D R HORTON INC	27.4	36.3
DHT	DHT Holdings, Inc.	24.2	22.8
DIN	Dine Brands Global, Inc.	53.7	100.0
DIS	DISNEY WALT CO	21.5	24.7
DISCA	Discovery, Inc. Series A	20.0	25.6
DISCK	Discovery, Inc. Series C	20.0	28.8
DISH	DISH Network Corp	41.2	36.7
DK	DELEK US HLDGS INCCOM	56.8	49.0
DKS	DICKS SPORTING GOODS INCCOM	34.4	27.9
DLB	DOLBY LABORATORIES INCCOM	20.8	20.0
DLR	DIGITAL RLTY TR INCCOM	20.0	22.7
DNOW	NOW INCCOM	20.0	37.8
DNR	DENBURY RES INC	82.4	88.3
DO	DIAMOND OFFSHORE DRILLING IN	57.0	100.0
DORM	DORMAN PRODUCTS INCCOM	20.0	28.1
DOV	DOVER CORP	20.0	27.6
DOW	DOW INCCOM	37.2	25.3
DPZ	DOMINOS PIZZA INCCOM	20.0	22.3
DRE	DUKE REALTY CORP	22.1	28.2
DRI	DARDEN RESTAURANTS INC	32.4	38.2
DRQ	DRIL-QUIP INC	31.6	31.9
DSX	Diana Shipping Inc.	22.0	31.5
DTE	DTE ENERGY CO	20.1	33.7
DUK	Duke Energy Corp. Holding Company	20.0	26.9
DVA	DaVita Inc.	20.0	20.9
DVN	DEVON ENERGY CORP NEW	74.2	59.4
DX	DYNEX (NEW)	21.2	32.9
DXC	DXC TECHNOLOGY COCOM	36.1	47.9
DXCM	DEXCOM INCCOM	22.4	20.0
DY	DYCOM INDS INCCOM	41.4	34.5
E	ENI S P A	41.8	33.1
EAT	BRINKER INTL INC	48.2	100.0
EBAY	EBAY INC	20.0	20.1

EBIX	EBIX INCCOM NEW	31.0	58.3
EC	ECOPETROL S ASPONSORED ADS	49.0	49.9
ECH	iShares MSCI Chile ETF	20.0	23.7
ECL	ECOLAB INC	20.0	28.6
ECPG	Encore Capital Group, Inc.	20.0	94.2
ED	CONSOLIDATED EDISON	20.0	29.0
EHC	Encompass Health Corporation	25.2	22.7
EIDO	iShares MSCI Indonesia ETF	20.0	28.6
EIX	EDISON INTL	20.9	25.0
ELS	Equity Lifestyle Properties Inc	20.0	39.3
ELY	CALLAWAY GOLF CO	28.2	56.9
EMN	EASTMAN CHEM CO	27.8	29.6
EMR	EMERSON ELEC COCOM	30.8	31.3
ENB	ENBRIDGE INCCOM	30.3	35.6
ENDP	Endo International plc	34.2	57.4
ENIA	Enel Americas S.A.	20.0	33.0
ENLC	Enlink Midstream, LLC	92.6	66.9
ENR	ENERGIZER HLDGS INC NEWCOM	20.0	25.1
EOG	EOG RESOURCES, INC	58.6	34.1
EPAM	EPAM SYS INCCOM	23.8	28.7
EPC	Edgewell Personal Care Company	23.6	49.3
EPD	ENTERPRISE PRODS PARTNERS L	32.9	31.5
EPI	WisdomTree India Earning	20.0	24.7
EPOL	iShares MSCI Poland ETF	20.0	22.3
EPP	iShares MSCI Pacific ex Japan ETF	20.0	21.4
EPR	EPR Properties	31.7	81.7
EQM	EQM Midstream Partners, LP	40.8	49.0
EQR	EQUITY RESIDENTIAL	20.0	29.6
EQT	EQT Corporation	20.0	43.2
ERF	Enerplus Corporation	91.2	60.2
ERIE	ERIE INDTY COCL A	20.0	28.4
ERJ	Embraer S.A.	23.9	36.2
ES	Eversource Energy	20.0	33.1
ESI	Element Solutions Inc.	29.5	42.8
ESPR	ESPERION THERAPEUTICS INC NECOM	35.9	33.7
ESRT	EMPIRE ST RLTY TR INCCL A	21.6	31.0
ESS	ESSEX PPTY TR INC	20.0	32.5
ET	Energy Transfer LP	56.2	44.5
ETFC	E TRADE FINANCIAL CORPCOM	30.8	41.8
ETM	ENTERCOM COMMUNICATIONS CORP	51.4	67.3
ETN	Eaton Corporation, plc	20.0	26.7
ETR	ENTERGY CORP NEWCOM	20.0	32.2
EURN	EURONAV NV ANTWERPENSHS TEMP	20.0	22.0
EV	EATON VANCE CORP	29.8	32.9
EVRG	Evergy, Inc.	20.0	26.2
EWA	iShares MSCI Australia ETF	22.7	29.3
EWBC	EAST WEST BANCORP INC	28.9	31.8
EWC	iShares MSCI Canada ETF	20.0	22.0

EWD	iShares MSCI Sweden ETF	20.0	23.3
EWI	iShares MSCI Italy ETF	22.5	25.8
EWM	iShares MSCI Malaysia ETF	20.0	21.6
EWP	iShares MSCI Spain ETF	20.0	26.2
EWQ	iShares MSCI France ETF	20.0	22.2
EWV	iShares MSCI Mexico ETF	20.0	24.9
EWY	iShares MSCI South Korea ETF	20.0	22.8
EWZ	iShares MSCI Brazil ETF	32.5	48.2
EXAS	EXACT SCIENCES CORP	33.2	44.1
EXC	EXELON CORP	20.0	31.5
EXP	EAGLE MATERIALS INCCOM	30.4	41.1
EXPE	Expedia Group, Inc.	24.1	25.9
EXR	EXTRA SPACE STORAGE INCCOM	20.0	26.7
EZA	iShares MSCI South Africa ETF	20.0	26.8
F	FORD MTR CO DEL	20.0	27.9
FANG	DIAMONDBACK ENERGY INCCOM	100.0	59.2
FB	FACEBOOK INCCL A	20.0	27.3
FBHS	FORTUNE BRANDS HOME & SEC INCOM	23.9	33.0
FCX	Freeport-McMoRan Inc.	32.0	49.8
FDS	FACTSET RESH SYS INCCOM	20.0	20.5
FDX	FEDEX CORP	21.6	24.2
FE	FIRSTENERGY CORP	20.0	25.6
FEYE	FIREEYE INCCOM	20.3	30.4
FEZ	SPDR Euro Stoxx 50 ETF	20.0	21.4
FFIN	FIRST FINL BANKSHARESCOM	27.0	23.5
FFIV	F5 NETWORKS INCCOM	20.0	22.7
FHI	Federated Hermes, Inc.	32.0	48.5
FHN	FIRST HORIZON NATL CORPCOM	40.3	49.9
FI	FRANKS INTL N VCOM	48.6	97.2
FICO	FAIR ISAAC CORPORATION	24.0	31.2
FIS	Fidelity National Information	20.0	24.6
FISV	FISERV INC	20.0	26.2
FIT	FITBIT INCCL A	20.8	20.9
FITB	FIFTH THIRD BANCORP	38.8	37.2
FIVE	FIVE BELOW INCCOM	20.0	22.7
FIX	COMFORT SYS USA INCCOM	20.0	31.9
FL	FOOT LOCKER INCCOM	30.7	28.3
FLEX	Flex Ltd.	29.2	35.6
FLIC	FIRST LONG IS CORPCOM	21.7	30.6
FLIR	FLIR SYS INCCOM	24.0	36.5
FLR	FLUOR CORP NEW	40.1	88.3
FLS	FLOWSERVE CORP	35.5	28.8
FLT	FLEETCOR TECHNOLOGIES INCCOM	20.3	20.0
FLXN	FLEXION THERAPEUTICS INCCOM	30.7	66.7
FMC	F M C CORP	24.0	32.6
FMX	Fomento Economico Mexicano, S.A.B. de C.V.	22.6	20.0
FNF	FIDELITY NATIONAL FINANCIALCL A	20.0	35.8
FORR	FORRESTER RESH INC	24.4	45.1

FOSL	Fossil Group, Inc.	38.5	48.8
FR	FIRST INDUSTRIAL REALTY TRUS	26.6	31.4
FRC	FIRST REP BK SAN FRAN CALI NCOM	20.0	23.8
FRO	Frontline Ltd Bermuda	33.6	39.2
FRT	FEDERAL REALTY INVT TR	20.0	40.9
FSK	FS KKR Capital Corporation	20.0	29.0
FSLR	FIRST SOLAR INCCOM	26.4	28.8
FTI	TechnipFMC plc	53.8	44.9
FTNT	FORTINET INCCOM	20.3	27.3
FTR	Frontier Communications Corp.	30.7	100.0
FTV	FORTIVE CORPCOM	20.0	25.9
	Liberty Media Corp. Series A Liberty Formula		
FWONA	One	34.2	35.1
FWONK	Liberty Media Corp. Series C Liberty Formula One	36.7	37.4
FWRD	FORWARD AIR CORPCOM	20.0	25.3
G	GENPACT LIMITEDSHS	20.0	35.6
GAIN	Gladstone Investment Corporation	23.0	37.1
GATX	GATX CORP	22.9	34.1
GCI	Gannett Co., Inc.	45.2	95.0
GD	GENERAL DYNAMICS CORP	20.0	20.9
GDDY	GODADDY INCCL A	20.0	25.5
GDX	VanEck Vectors Gold Miners ETF	20.0	44.3
GDXJ	VanEck Vectors Junior Gold Miners ETF	23.9	58.0
GE	GENERAL ELECTRIC COCOM	33.2	33.6
GEO	GEO GROUP INCCOM	28.7	36.6
GERN	GERON CORP	30.3	31.1
GES	GUESS INCCOM	29.7	100.0
GGB	GERDAU S A	31.8	49.2
GGG	GRACO INC	20.0	22.6
GGT	GABELLI MULTIMEDIA TR INCCOM	20.0	42.0
GHL	GREENHILL & CO INCCOM	36.2	46.0
GL	Globe Life Inc.	26.6	22.7
GLNG	GOLAR LNG LTD BERMUDASHS	63.8	39.2
GLO	Clough Global Opportunities Fund	20.0	30.7
GLP	GLOBAL PARTNERS LPCOM UNITS	37.4	52.8
GLPI	GAMING & LEISURE PPTYS INCCOM	23.7	55.3
GLW	CORNING INCCOM	20.0	31.5
GM	GENERAL MTRS COCOM	23.2	41.3
GMLP	GOLAR LNG PARTNERS LPCOM UNIT LPI	38.3	63.1
GNC	GNC HLDGS INC	20.2	100.0
GNL	GLOBAL NET LEASE INCCOM	31.9	58.1
GNR	SPDR INDEX SHS FDSGLB NAT RESRCE	23.5	25.1
GNRC	GENERAC HLDGS INC	24.8	25.3
GNW	Genworth Financial, Inc. (Holding Company)	27.0	43.5
GOGO	GOGO INCCOM	24.3	39.0
GOLD	BARRICK GOLD CORP	20.0	22.9
GPC	GENUINE PARTS CO	20.0	32.3
GPK	GRAPHIC PACKAGING HLDG COCOM	20.0	21.1

GPN	GLOBAL PMTS INCCOM	20.0	22.9
GPOR	GULFPORT ENERGY CORP	65.9	100.0
GPRO	GOPRO INCCL A	22.4	25.9
GPS	GAP INC DEL	20.0	34.4
GRA	GRACE W R & CO DEL NEWCOM	25.9	31.6
GREK	Global X MSCI Greece ETF	31.2	30.9
GRFS	Grifols SA	21.7	21.0
GRPN	Groupon Inc	22.6	29.0
GS	GOLDMAN SACHS GROUP INCCOM	24.3	33.4
GSM	Ferroglobe PLC	66.8	52.8
GT	GOODYEAR TIRE & RUBR CO	25.8	52.4
GVA	GRANITE CONSTR INCCOM	21.8	47.3
GWV	GRAINGER W W INCCOM	20.0	29.5
GXG	Global X MSCI Colombia ETF	26.4	35.6
H	HYATT HOTELS CORPCOM CL A	24.1	34.3
HAL	HALLIBURTON CO	85.8	64.9
HALO	HALOZYME THERAPEUTICS INCCOM	24.3	22.8
HAS	HASBRO INC	20.3	23.9
HBAN	HUNTINGTON BANCSHARES INC	32.4	23.0
HBI	HANESBRANDS INCCOM	25.0	22.7
HCA	HCA Healthcare, Inc.	24.5	40.4
HCR	Hi-Crush Inc.	72.9	100.0
HCSG	HEALTHCARE SVCS GRP INCCOM	20.0	40.0
HD	HOME DEPOT INC	20.0	28.5
HDB	HDFC BANK LTD	20.0	42.1
HDS	HD SUPPLY HLDGS INCCOM	20.0	30.6
HE	HAWAIIAN ELEC INDUSTRIES	20.0	41.8
HEP	HOLLY ENERGY PARTNERS L PCOM UT LTD PTN	43.8	67.4
HES	HESS CORPCOM	70.7	44.6
HFC	HollyFrontier Corporation	29.8	42.4
HHC	HOWARD HUGHES CORPCOM	24.2	35.2
HIG	HARTFORD FINL SVCS GROUP INCCOM	22.1	57.0
HII	HUNTINGTON INGALLS INDS INCCOM	20.0	21.1
HL	HECLA MNG COCOM	28.5	45.2
HLF	Herbalife Nutrition Ltd.	28.0	34.2
HLT	HILTON WORLDWIDE HLDGS INCCOM	23.3	20.7
HOG	HARLEY DAVIDSON INCCOM	29.0	43.5
HOLX	HOLOGIC INC	20.0	23.9
HP	HELMERICH & PAYNE INC	68.6	54.3
HPE	HEWLETT PACKARD ENTERPRISE CCOM	20.8	25.7
HPI	HANCOCK JOHN PFD INCOME FDSH BEN INT	20.0	58.4
HPQ	HP Inc.	20.0	32.6
HR	HEALTHCARE RLTY TR	20.0	24.2
HRB	BLOCK H & R INCCOM	20.0	26.1
HRC	HILL ROM HLDGS INCCOM	20.0	22.7
HRI	Herc Holdings Inc.	43.0	78.4
HRZN	HORIZON TECHNOLOGY FIN CORPCOM	20.0	81.1
HSIC	SCHEIN HENRY INC	20.0	21.8

HST	HOST HOTELS & RESORTS INCCOM	28.9	29.0
HSY	HERSHEY COCOM	20.0	23.5
HTA	HEALTHCARE TR AMER INCCCL A	20.0	21.2
HTGC	Hercules Capital, Inc.	24.3	43.5
HTZ	Hertz Global Holdings, Inc.	40.7	70.3
HUBB	HUBBELL INC	21.9	30.5
HUM	HUMANA INC	21.2	27.9
HUN	HUNTSMAN CORPCOM	23.4	32.6
HXL	HEXCEL CORP NEWCOM	30.2	41.9
HYD	VanEck Vectors High-Yield Municipal Index ETF	20.0	29.1
HZNP	Horizon Therapeutics Public Limited Company	23.2	29.6
IAC	IAC INTERACTIVECORPCOM	20.0	22.0
IAT	iShares U.S. Regional Banks ETF	28.0	26.7
IBKR	INTERACTIVE BROKERS GROUP INCOM	20.6	25.3
IBN	ICICI BK LTD	20.0	31.2
ICE	Intercontinental Exchange, Inc.	20.0	25.9
ICF	iShares Cohen & Steers REIT ETF	20.0	24.4
ICFI	ICF INTL INCCOM	20.0	31.7
ICPT	INTERCEPT PHARMACEUTICALS INCOM	30.5	31.9
IDCC	INTERDIGITAL INCCOM	22.5	31.1
IEZ	iShares U.S. Oil Equipment & Services ETF	60.6	45.7
IFN	INDIA FD INC	20.0	21.9
IGE	iShares North American Natural Resources ETF	29.3	25.0
IGT	International Game Technology PLC	50.5	26.1
IIF	MORGAN STANLEY INDIA INVS FD	20.0	28.1
IIVI	II-VI, INC.	43.1	29.0
IJJ	iShares S&P Mid-Cap 400 Value ETF	20.0	21.8
IJS	iShares S&P Small-Cap 600 Value ETF	20.4	20.0
IJT	iShares S&P Small-Cap 600 Growth ETF	20.0	20.2
ILF	iShares Latin America 40 ETF	27.6	33.6
ILMN	ILLUMINA INC	20.9	20.0
IMAX	IMAX CORP	20.0	71.9
IMO	IMPERIAL OIL LTD	35.4	53.6
INFN	INFINERA CORPORATIONCOM	22.2	25.0
ING	ING GROEP N VSPONSORED ADR	31.5	39.6
INGR	Ingredion Incorporated	20.0	24.6
INT	WORLD FUEL SVCS CORPCOM	20.8	30.6
INTC	INTEL CORP	20.0	35.7
INTU	INTUITCOM	20.0	21.2
INVA	Innoviva, Inc.	20.0	33.6
IONS	Ionis Pharmaceuticals, Inc.	20.0	26.1
IP	INTL PAPER CO	21.4	28.8
IPG	INTERPUBLIC GROUP COS INC	20.6	30.2
IPGP	IPG PHOTONICS CORPCOM	20.0	27.7
IPHI	INPHI CORPCOM	22.3	25.3
IQV	IQVIA Holdings Inc.	20.0	22.8
IRBT	IROBOT CORPCOM	26.8	23.3
IRET	INVESTORS REAL ESTATE TRSH BEN INT	20.0	28.7

IRTC	IRHYTHM TECHNOLOGIES INCCOM	21.5	34.5
ISRG	INTUITIVE SURGICAL INCCOM NEW	20.8	22.6
ITB	iShares U.S. Home Construction ETF	22.4	33.4
ITT	ITT Inc.	30.0	26.8
ITUB	Itau Unibanco Holding SA	22.3	26.0
ITW	ILLINOIS TOOL WKS INC	20.0	23.5
IVC	INVACARE CORP	26.7	39.1
IVR	INVESCO MORTGAGE CAPITAL INCCOM	23.6	61.1
IVZ	INVESCO LTDSHS	30.3	41.0
IWN	iShares Russell 2000 Value ETF	20.1	21.8
IXC	iShares Global Energy ETF	32.1	30.0
IYE	iShares U.S. Energy ETF	33.1	27.4
IYR	iShares U.S. Real Estate ETF	20.0	24.5
J	JACOBS ENGR GROUP INC DEL	20.0	25.0
JACK	JACK IN THE BOX, INC	38.6	46.0
JAZZ	Jazz Pharmaceuticals Plc.	22.5	30.0
JBL	Jabil Inc.	31.7	36.7
JBLU	JETBLUE AIRWAYS CORPCOM	21.7	43.3
JCI	Johnson Controls International plc	20.0	20.8
JCP	PENNEY J C INC	28.7	38.5
JD	JD COM INCSPON ADR CL A	20.0	21.0
JEF	Jefferies Financial Group Inc.	23.8	28.6
JKS	JINKOSOLAR HLDG CO LTDSPONSORED ADR	32.3	46.1
JLL	JONES LANG LASALLE INC	20.0	31.1
JOE	ST JOE CO	20.0	24.5
JPM	JPMORGAN CHASE & CO	25.6	26.9
JWN	NORDSTROM INC	27.0	50.7
K	KELLOGG CO	20.0	23.3
KAR	KAR AUCTION SVCS INCCOM	21.7	39.4
KBE	SPDR S&P Bank ETF	27.9	29.2
KBH	KB HOME	23.7	67.4
KBR	KBR INCCOM	43.2	42.9
KDP	Keurig Dr Pepper Inc.	20.0	21.6
KEX	KIRBY CORP	30.5	37.1
KEY	KEYCORP NEW	37.7	40.3
KIE	SPDR S&P Insurance ETF	20.0	20.2
KIM	KIMCO REALTY CORP	22.8	43.0
KKR	KKR & Co. Inc.	25.6	26.9
KLAC	KLA Corporation	20.0	29.3
KMI	KINDER MORGAN INC	31.9	48.1
KMT	KENNAMETAL INC	34.0	40.1
KMX	CARMAX INCCOM	20.2	35.8
KNDI	Kandi Technologies Group, Inc	25.9	25.7
KNX	Knight-Swift Transportation Holdings Inc.	20.0	20.2
KOF	COCA COLA FEMSA S A B DE C VSPON ADR REP L	20.0	22.3
KOL	VanEck Vectors Coal ETF	20.0	26.6
KRC	KILROY RLTY CORP	24.3	31.7
KRE	SPDR S&P Regional Banking ETF	28.2	27.8

KRO	KRONOS WORLDWIDE INC	26.4	29.6
KSS	KOHL'S CORP	20.0	36.8
KSU	KANSAS CITY SOUTHERN COM NEW	25.4	35.0
L	LOEWS CORP COM	23.7	30.5
LAD	LITHIA MTRS INC	20.0	38.1
LAMR	LAMAR ADVERTISING CO CL A	32.1	74.0
LANC	LANCASTER COLONY CORP COM	20.0	26.9
LAZ	LAZARD LTD SHS A	26.0	30.2
LB	L Brands, Inc.	20.0	45.4
LBTYA	Liberty Global plc Class A	20.0	20.9
LC	LENDING CLUB CORP COM	23.7	28.1
LE	LANDS END INC NEW COM	20.0	43.4
LEA	LEAR CORP COM NEW	21.0	27.8
LECO	LINCOLN ELEC HLDGS INCCOM	24.1	24.9
LEG	LEGGETT & PLATT INC	20.0	34.1
LEN	LENNAR CORP CL A	25.8	46.0
LGFA	Lions Gate Entertainment Corporation Class A	31.6	34.2
LGND	LIGAND PHARMACEUTICALS INCCOM NEW	24.6	47.7
LH	LABORATORY CORP AMER HLDGSCOM NEW	20.0	28.2
LIT	Global X Lithium & Battery Tech ETF	20.0	23.5
LITE	LUMENTUM HLDGS INCCOM	22.5	20.6
LKFN	LAKELAND FINL CORP COM	20.0	29.4
LKQ	LKQ CORP COM	20.0	37.2
LLY	LILLY ELI & CO	20.0	22.1
LMT	LOCKHEED MARTIN CORP	20.0	25.4
LNC	LINCOLN NATL CORP IND	39.4	54.3
LNG	CHENIERE ENERGY INCCOM NEW	31.1	39.5
LNT	ALLIANT ENERGY CORP COM	20.0	24.1
LORL	LORAL SPACE & COMMUNICATNS INC	25.5	53.7
LOW	LOWE'S COS INC	20.3	35.2
LPL	LG DISPLAY CO LTD SPONS ADR REP	20.0	26.7
LPLA	LPL Financial Holdings Inc.	28.2	30.9
LPX	LOUISIANA PAC CORP	30.6	48.1
LRCX	LAM RESEARCH CORP	20.0	32.4
LSTR	LANDSTAR SYS INC	20.0	25.2
LTC	LTC PPTYS INC	24.7	43.5
LTM	LATAM Airlines Group S.A.	28.1	100.0
LULU	LULULEMON ATHLETICA INCCOM	20.0	21.4
LUMO	Lumos Pharma, Inc.	29.8	28.3
LUV	SOUTHWEST AIRL'S CO	20.0	29.4
LVS	LAS VEGAS SANDS CORP COM	28.7	33.1
LW	LAMB WESTON HLDGS INCCOM	20.0	26.7
LYB	LYONDELLBASELL INDUSTRIES NSHS NV	33.1	41.9
LYFT	LYFT INC CL A COM	25.2	30.5
LYG	Lloyds Banking Group Plc	20.6	29.6
LYV	Live Nation Entertainment Inc	41.0	35.5
M	Macys Inc	20.0	46.9
MA	Mastercard Incorporated	20.0	21.1

MAA	MID-AMER APT CMNTYS INC	20.0	34.9
MAC	MACERICH CO	42.8	67.0
MAIN	MAIN STREET CAPITAL CORPCOM	25.9	51.0
MAN	ManpowerGroup	21.0	30.9
MAR	MARRIOTT INTL INC NEW	25.1	33.2
MAS	MASCO CORPCOM	20.0	29.1
MAT	MATTEL INCCOM	27.2	25.7
MBI	MBIA INC	23.6	40.4
MBT	Mobile TeleSystems PJSC	30.5	32.5
MCHP	MICROCHIP TECHNOLOGY INC	25.0	29.1
MCO	MOODYS CORPCOM	31.4	29.3
MD	Mednax Inc	29.1	45.1
MDC	M D C HLDGS INCCOM	20.0	56.1
MDLA	MEDALLIA INCCOM	38.3	55.7
MDP	MEREDITH CORP	20.8	58.2
MDU	MDU RES GROUP INC	20.0	48.2
MED	MEDIFAST INC	20.0	27.0
MELI	MERCADOLIBRE INCCOM	29.2	29.4
MEOH	METHANEX CORP	46.3	48.2
MET	METLIFE INC	31.5	31.7
MFA	MFA Financial Inc	20.0	59.3
MFC	MANULIFE FINL CORP	22.7	39.6
MGA	MAGNA INTL INC	20.0	45.3
MGM	MGM Resorts International	42.4	81.9
MGU	MACQUARIE GLBL INFRA TOTL RECOM	23.4	40.4
MHK	MOHAWK INDS INC	20.0	46.8
MIC	Macquarie Infrastructure Corporation	21.8	76.9
MIDD	MIDDLEBY CORP	20.0	36.2
MIK	MICHAELS COS INCCOM	39.9	79.2
MKC	MCCORMICK & CO INC	20.0	20.5
MKL	MARKEL CORPCOM	22.7	33.8
MKTX	MARKETAXESS HLDGS INC	20.0	25.5
MLCO	Melco Resorts & Entertainment Limited	24.7	27.3
MLM	MARTIN MARIETTA MATLS INC	20.6	30.8
MMC	Marsh & McLennan Companies Inc	20.0	20.5
MMLP	MARTIN MIDSTREAM PRTNRS L PUNIT L P INT	62.1	54.0
MMM	3M COCOM	20.0	23.9
	MAGELLAN MIDSTREAM PRTNRS LPCOM UNIT		
MMP	RP LP	46.6	31.6
MNK	MALLINCKRODT PUB LTD COSHS	60.2	100.0
MNTA	MOMENTA PHARMACEUTICALS INCCOM	20.0	20.5
MO	ALTRIA GROUP, INC.	20.0	21.6
MOO	VanEck Vectors Agribusiness ETF	20.0	20.3
MOS	The Mosaic Company (HOLDING COMPANY)	35.7	64.5
MPC	MARATHON PETE CORPCOM	34.2	54.8
MPLX	MPLX LPCOM	40.2	47.6
MPW	MEDICAL PPTYS TRUST INCCOM	22.7	35.3
MRCC	MONROE CAP CORPCOM	20.0	68.5

MRO	MARATHON OIL CORPCOM	100.0	84.0
MRVL	MARVELL TECHNOLOGY GROUP LTD	20.0	27.5
MS	MORGAN STANLEYCOM NEW	25.4	35.0
MSCI	MSCI INCCL A	21.7	22.8
MSFT	MICROSOFT CORP	20.0	21.0
MSG	MADISON SQUARE GARDEN CO NEWCL A	26.5	20.0
MSI	Motorola Solutions Inc.	20.0	22.4
MSTR	MICROSTRATEGY INCCL A NEW	20.0	20.5
MT	ARCELORMITTALNY REGISTRY SH	32.1	42.6
MTB	M & T BK CORP	29.3	29.6
MTD	METTLER TOLEDO INTERNATIONAL	20.0	21.9
MTN	VAIL RESORTS INC	30.9	25.5
MTSI	MACOM Technology Solutions Holdings, Inc.	28.2	35.7
MTW	THE MAINTOWOC COMPANY, INC	41.3	36.4
MU	MICRON TECHNOLOGY INC	23.5	32.4
MUR	MURPHY OIL CORP	100.0	84.4
MUSA	MURPHY USA INCCOM	20.0	24.0
MWA	MUELLER WTR PRODS INCCOM SER A	20.0	36.8
MXIM	MAXIM INTEGRATED PRODS INC	20.7	23.6
MYGN	MYRIAD GENETICS INCCOM	23.2	20.0
MYL	Mylan N.V.	20.0	22.2
NAT	Nordic American Tankers Ltd	33.8	43.2
NATI	NATIONAL INSTRS CORPCOM	21.4	36.1
NAVI	NAVIENT CORPCOM	25.2	55.8
NBHC	National Bank Holdings Corp	28.2	25.0
NBL	NOBLE ENERGY INCCOM	66.2	67.5
NBR	NABORS INDS INC	100.0	92.3
NBTB	NBT BANCORP INC	20.0	22.0
NCLH	NORWEGIAN CRUISE LINE HLDGSSHS	75.0	52.8
NCR	NCR CORP NEWCOM	37.3	44.7
NDAQ	Nasdaq, Inc.	20.0	30.3
NDSN	NORDSON CORP	20.0	24.3
NE	Noble Corporation plc	79.5	74.6
NEE	NextEra Energy, Inc.	20.0	23.5
NEM	Newmont Corporation	20.0	22.4
NEU	NEWMARKET CORPCOM	20.0	22.1
NFG	NATIONAL FUEL GAS CO N J	20.0	25.6
NFLX	NETFLIX INCCOM	20.0	25.8
NG	NOVAGOLD RES INCCOM NEW	21.1	40.1
NGG	NATIONAL GRID PLCSPON ADR NEW	20.0	22.0
NI	NISOURCE, INC.	20.0	34.1
NK	NANTKWEST INCCOM	34.2	31.2
NKTR	NEKTAR THERAPEUTICS	24.1	20.0
NL	NL Industries, Inc.	31.2	41.5
NLSN	Nielsen Holdings plc	24.8	27.9
NLY	ANNALY CAP MGMT INCCOM	20.8	37.6
NNN	National Retail Properties Inc	20.0	49.0
NOC	NORTHROP GRUMMAN CORPCOM	20.0	24.8

NOK	NOKIA CORP	20.0	20.6
NOV	NATIONAL OILWELL VARCO INCCOM	55.9	62.2
NOW	SERVICENOW INCCOM	25.9	24.4
NRG	NRG ENERGY INCCOM NEW	24.9	28.3
NS	NuStar Energy LP	100.0	70.6
NSC	NORFOLK SOUTHERN CORPCOM	20.9	23.7
NSP	Insperity, Inc.	20.0	38.3
NTAP	NetApp Inc	21.3	24.8
NTCO	NATURA &CO HLDG S AADS	38.5	56.0
NTCT	NETSCOUT SYS INC	21.7	28.1
NTES	NetEase, Inc. American Depositary Shares	20.0	20.6
NTP	Nam Tai Property Inc.	20.0	34.6
NTR	Nutrien Ltd.	20.0	25.3
NTRS	NORTHERN TR CORP	20.0	26.4
NUE	NUCOR CORP	20.1	25.3
NUS	NU SKIN ENTERPRISES INC	21.5	49.9
NUVA	NUVASIVE INCCOM	27.9	43.3
NVDA	NVIDIA CORP	24.2	40.0
NWL	Newell Brands Inc.	20.0	28.7
NWN	Northwest Natural Holding Company	20.0	43.0
NXPI	NXP SEMICONDUCTORS N VCOM	20.0	39.7
NXST	Nexstar Media Group, Inc.	36.6	50.1
NYT	NEW YORK TIMES CO	21.5	21.7
O	REALTY INCOME CORP	20.0	50.6
OC	Owens Corning Inc	27.6	39.5
OCSL	Oaktree Specialty Lending Corporation	20.0	44.3
ODP	OFFICE DEPOT INC	24.9	43.5
OFC	CORPORATE OFFICE PPTYS TR	20.0	33.9
OGE	OGE ENERGY CORP	20.3	20.8
OHI	OMEGA HEALTHCARE INVS INC	29.7	60.6
OI	O-I Glass, Inc.	47.4	56.9
OIH	VanEck Vectors Oil Services ETF	55.2	50.0
OII	OCEANEERING INTL INC	100.0	84.4
OKE	ONEOK INC	83.4	73.3
OLED	UNIVERSAL DISPLAY CORPCOM	23.1	36.1
OLN	OLIN CORP	38.7	60.3
OMER	OMEROS CORPCOM	29.1	32.3
OMF	OneMain Holdings, Inc.	30.0	51.0
ON	ON SEMICONDUCTOR CORP	28.6	53.2
OPK	OPKO HEALTH INCCOM	36.8	26.1
ORAN	Orange	20.0	21.0
ORI	OLD REP INTL CORP	20.0	32.0
ORLY	O REILLY AUTOMOTIVE INC	20.0	26.2
OSK	OSHKOSH CORPCOM	20.6	26.4
OSTK	OVERSTOCK COM INC	48.5	65.1
OTTR	OTTER TAIL CORP	20.0	40.2
OUT	OUTFRONT Media Inc	37.2	51.7
OXSQ	Oxford Square Capital Corporation	23.4	34.5

OXY	OCCIDENTAL PETE CORP DEL	100.0	92.2
PAA	PLAINS ALL AMERN PIPELINE L	84.5	100.0
PAAS	PAN AMERICAN SILVER CORP	20.5	45.7
PAC	GPO AEROPORTUARIO DEL PAC SASPON ADR B	20.0	21.3
PACW	PacWest Bancorp	28.3	39.8
PAG	Penske Auto Group	20.0	46.2
PAGP	PLAINS GP HLDGS L PSHS A REP LTPN	82.5	91.0
PANW	Palo Alto Networks Inc.	24.5	20.0
PAYX	PAYCHEX INCCOM	20.0	28.1
PBA	Pembina Pipeline Corporation	43.3	56.1
PBCT	Peoples United Financial Inc	21.9	27.9
PBF	PBF ENERGY INCCL A	28.7	95.4
PBFX	PBF LOGISTICS LPUNIT LTD PTNR	54.7	100.0
PBI	PITNEY BOWES INC	28.5	52.5
PBPB	POTBELLY CORPCOM	20.0	21.9
PBR	PETROLEO BRASILEIRO SA PETRO	63.2	68.6
	PETROLEO BRASILEIRO SA PETROSP ADR NON		
PBRA	VTG	73.3	44.3
PBT	PERMIAN BASIN RTY TR	21.6	22.7
PBYI	PUMA BIOTECHNOLOGY INCCOM	36.1	37.7
PCG	PG&E CORPCOM	34.1	67.5
PDM	PIEDMONT OFFICE REALTY TR INCOM CL A	21.4	36.8
PEAK	Healthpeak Properties, Inc.	23.7	41.4
PEG	PUBLIC SVC ENTERPRISE GROUP	20.0	23.5
PEI	PENNSYLVANIA RL ESTATE INVT	73.1	100.0
PEP	PEPSICO INC	20.0	24.1
PFF	iShares Trust iShares Pref and Income Sec ETF	20.0	24.9
PFG	PRINCIPAL FINANCIAL GROUP INCOM	34.2	33.9
PFLT	PENNANTPARK FLOATING RATE CACOM	20.0	57.9
PG	PROCTER & GAMBLE CO	20.0	20.6
PGEN	Precigen, Inc.	37.1	69.2
PGF	Invesco Financial Preferred ETF	20.0	24.0
PGRE	PARAMOUNT GROUP INCCOM	20.9	21.4
PGX	Invesco Preferred ETF	20.0	24.5
PH	PARKER HANNIFIN CORPCOM	26.2	32.0
PHM	Pulte Group, Inc.	21.1	49.3
PHO	Invesco Water Resources ETF	20.0	20.3
PID	Invesco International Dividend Achievers ETF	20.0	22.0
PII	Polaris Inc.	20.9	45.3
PIN	Invesco India ETF	20.0	22.4
PINS	PINTEREST INCCL A	20.0	23.0
PIPR	Piper Sandler Companies	30.5	48.6
PLCE	Childrens Place, Inc. (The)	26.3	64.4
PLD	ProLogis Inc	25.5	26.4
PLUS	EPLUS INCCOM	22.1	21.8
PM	PHILIP MORRIS INTL INCCOM	20.0	25.8
PNC	PNC FINL SVCS GROUP INC	30.5	30.3
PNNT	PENNANTPARK INVT CORPCOM	29.4	69.4

PNR	Pentair plc.	20.0	25.9
PNW	PINNACLE WEST CAP CORP	20.0	28.2
POOL	POOL CORPORATIONCOM	20.0	31.8
PPC	PILGRIMS PRIDE CORPCOM	20.0	28.6
PPG	PPG INDS INC	20.0	26.4
PPL	PPL CORPORATION	20.0	23.2
PRA	PROASSURANCE CORP	22.9	25.8
PRAA	PRA Group, Inc.	20.0	28.0
PRGO	Perrigo Company plc (NEW)	20.9	20.0
PRU	PRUDENTIAL FINL INCCOM	30.6	30.8
PS	PLURALSIGHT INCCOM CL A	30.0	29.6
PSA	PUBLIC STORAGECOM	20.0	24.5
PSEC	PROSPECT CAPITAL CORPORATIONCOM	23.7	31.0
PSP	Invesco Global Listed Private Equity ETF	20.0	22.3
PSX	PHILLIPS 66COM	31.4	42.8
PSXP	PHILLIPS 66 PARTNERS LPCOM UNIT REP INT	44.8	74.9
PTC	PTC Inc.	20.5	20.0
PTCT	PTC THERAPEUTICS INCCOM	32.7	48.0
PTEN	PATTERSON UTI ENERGY INCCOM	98.1	66.6
PTR	PETROCHINA CO LTD	20.0	21.4
PVH	PVH Corp.	28.2	41.4
PWR	QUANTA SVCS INC	22.1	28.0
PXD	PIONEER NAT RES CO	70.0	34.1
QCOM	QUALCOMM INC	20.0	25.2
QRTEA	Qurate Retail, Inc. Series A	31.4	20.7
QRVO	Qorvo Inc	24.0	25.2
R	RYDER SYS INC	27.6	32.2
RBC	REGAL BELOIT CORPORATION	22.0	30.6
	ROYAL BK SCOTLAND GROUP PLCSP ADR REP		
RBS	SHS	22.4	30.7
RCL	ROYAL CARIBBEAN CRUISES LTD	61.0	55.2
RDN	RADIAN GROUP	20.0	91.9
RDSA	ROYAL DUTCH SHELL PLCSPONS ADR A	32.6	41.4
RE	EVEREST RE GROUP LTDCOM	20.0	25.6
REG	REGENCY CTRS CORP	20.0	35.8
REGN	REGENERON PHARMACEUTICALSCOM	20.0	22.3
RES	RPC INC	37.6	43.1
REV	REVLON INCCCL A NEW	36.1	47.3
RF	REGIONS FINANCIAL CORP NEWCOM	40.1	39.2
RFI	COHEN & STEERS TOTAL RETURN	20.0	51.5
RGA	REINSURANCE GROUP AMER INC	30.2	33.7
RGLD	ROYAL GOLD INCCOM	20.0	38.8
RH	RH	34.4	23.2
RHI	ROBERT HALF INTL INC	20.1	23.2
RHP	Ryman Hospitality Properties, Inc.	45.4	96.2
RIG	Transocean Ltd	100.0	87.7
RIO	RIO TINTO PLCSPONSORED ADR	20.0	22.0
RJF	RAYMOND JAMES FINANCIAL INC	24.8	28.6

RL	Ralph Lauren Corp.	23.5	20.0
RLGY	REALOGY HLDGS CORPCOM	37.9	76.0
RMBS	RAMBUS INC DELCOM	21.5	33.2
RMTI	Rockwell Medical, Inc.	21.9	28.6
RNR	RENAISSANCERE HOLDINGS LTD	20.0	27.1
ROK	ROCKWELL AUTOMATION INCCOM	27.6	28.8
ROKU	ROKU INCCOM CL A	30.5	34.6
ROP	Roper Technologies, Inc.	20.0	23.9
ROST	ROSS STORES INCCOM	20.0	23.4
RPAI	RETAIL PTYS AMER INCCL A	20.0	82.9
RPM	RPM INTL INCCOM	20.0	27.4
RPT	RPT Realty	20.0	70.4
RRC	RANGE RES CORP	30.8	32.7
RRD	DONNELLEY R R & SONS COCOM	29.9	55.7
RRGB	RED ROBIN GOURMET BURGERS INCOM	57.8	40.8
RS	RELIANCE STEEL & ALUMINUM COCOM	20.0	22.8
RSG	REPUBLIC SVCS INC	20.0	25.4
RSX	VanEck Vectors Russia ETF	32.1	36.2
RTN	RAYTHEON CO	25.2	28.4
RY	ROYAL BK CDA MONTREAL QUE	20.0	26.6
RYAM	RAYONIER ADVANCED MATLS INCCOM	32.5	46.3
RYN	RAYONIER INCCOM	21.0	28.4
SA	SEABRIDGE GOLD INCCOM	32.6	45.7
SABR	SABRE CORPCOM	37.2	56.9
SAM	BOSTON BEER INC	21.4	20.0
SAN	BANCO SANTANDER CENT HISPANO	25.9	36.7
SAVE	SPIRIT AIRLS INC	26.4	44.5
SBAC	SBA COMMUNICATIONS CORPCOM	20.0	23.6
SBGI	SINCLAIR BROADCAST GROUP INC	30.2	32.6
SBH	SALLY BEAUTY HLDGS INCCOM	20.0	33.4
SBNY	SIGNATURE BK NEW YORK N YCOM	27.4	36.9
SBRA	SABRA HEALTH CARE REIT INCCOM	40.3	70.4
	COMPANHIA DE SANEAMENTO BASISPONSORED		
SBS	ADR	28.7	48.4
SBSI	SOUTHSIDE BANCSHARES INC	21.2	23.5
SBUX	STARBUCKS CORPCOM	23.0	24.1
SC	SANTANDER CONSUMER USA HDG ICOM	20.0	44.0
SCCO	Southern Copper Corp	25.6	28.8
SCHW	SCHWAB CHARLES CORP NEW	21.2	20.3
SCI	SERVICE CORP INTLCOM	20.0	20.9
SEE	SEALED AIR CORP NEW	20.9	40.6
SERV	SERVICEMASTER GLOBAL HLDGS ICOM	20.0	32.1
SFL	SFL Corporation Ltd.	21.1	53.8
SFUN	Fang Holdings Limited	21.7	20.0
SGMO	Sangamo Therapeutics, Inc.	24.5	25.0
SHAK	SHAKE SHACK INCCL A	22.9	22.3
SHLX	SHELL MIDSTREAM PARTNERS L PUNIT LTD INT	54.9	55.3
SHOP	SHOPIFY INCCL A	31.2	28.2

SHW	SHERWIN WILLIAMS COCOM	20.0	21.5
SIG	SIGNET JEWELERS LIMITEDSHS	32.7	100.0
SIL	GLOBAL X FDSSILVER MNR ETF	20.0	32.4
SIRI	Sirius XM Holdings Inc.	20.0	30.5
SITC	SITE Centers Corporation	27.4	67.4
SIVB	SVB FINL GROUPCOM	33.2	30.6
SIX	SIX FLAGS ENTMT CORP NEWCOM	35.7	26.5
SJM	SMUCKER J M COCOM NEW	20.0	20.7
SJT	SAN JUAN BASIN RTY TR	20.0	30.9
SKT	TANGER FACTORY OUTLET CTRS I	27.2	60.6
SLB	SCHLUMBERGER LTD	49.2	44.4
SLF	SUN LIFE FINL INCCOM	22.5	30.3
SLG	SL GREEN RLTY CORP	25.0	38.4
SLM	SLM CORP	23.3	30.9
SLX	VanEck Vectors Steel ETF	26.7	31.9
SMG	SCOTTS MIRACLE GRO CO. CL A	20.0	20.7
SMLP	SUMMIT MIDSTREAM PARTNERS	71.5	100.0
SMOG	VanEck Vectors Low Carbon Energy ETF	20.0	20.3
SNA	SNAP ON INC	20.0	20.8
SNAP	SNAP INCCL A	25.3	21.6
SNBR	Sleep Number Corporation	31.0	23.9
SNR	NEW SR INVT GROUP INCCOM	33.3	38.8
SNV	SYNOVUS FINL CORPCOM	36.1	59.0
SO	SOUTHERN CO	20.0	29.7
SON	SONOCO PRODS CO	20.0	29.7
SONO	SONOS INCCOM	20.0	20.4
SP	SP Plus Corporation	20.0	51.2
SPB	Spectrum Brands Holdings, Inc.	20.0	41.0
SPG	SIMON PROPERTY GROUP	31.0	65.2
SPGI	S&P Global Inc.	27.2	28.9
	SUBURBAN PROPANE PARTNERS LUNIT LTD		
SPH	PARTN	29.2	25.7
SPHB	Invesco S&P 500 High Beta ETF	23.0	22.4
SPLK	SPLUNK INCCOM	26.1	27.8
SPR	SPIRIT AEROSYSTEMS HLDGS INCCOM CL A	27.2	31.0
SPWR	SunPower Corporation	31.8	24.2
SPXS	Direxion Daily S&P 500 Bear 3X Shares	52.0	51.3
SQ	SQUARE INCCL A	20.0	39.3
	SOCIEDAD QUIMICA MINERA DE CSPON ADR SER		
SQM	B	20.0	31.3
SRC	Spirit Realty Capital Inc.	20.0	39.8
SRCL	STERICYCLE INC	20.0	24.4
SRDX	Surmodics, Inc.	20.0	20.1
SRE	SEMPRA ENERGY	20.0	23.8
SRPT	SAREPTA THERAPEUTICS INCCOM	37.8	36.5
SSNC	SS&C TECHNOLOGIES HLDGS INCCOM	23.1	22.6
SSRM	SSR Mining Inc.	20.0	29.3
SSSS	Sutter Rock Capital Corporation	20.0	21.8

SSYS	STRATASYS INC	20.0	23.0
STAY	Extended Stay America Inc.	26.0	20.0
STLD	STEEL DYNAMICS INC	25.2	33.0
STM	STMICROELECTRONICS N V	21.3	35.5
STT	STATE STR CORPCOM	26.5	38.7
STWD	STARWOOD PPTY TR INCCOM	20.0	45.1
STX	SEAGATE TECH PLC (IRL)	20.0	26.2
STZ	CONSTELLATION BRANDS INC	22.0	26.6
SU	SUNCOR ENERGY INC	32.7	47.0
SUN	Sunoco LP	33.1	49.5
SUPN	SUPERNUS PHARMACEUTICALS INCCOM	21.2	22.2
SVC	Service Properties Trust	48.9	87.7
SWK	Stanley Black & Decker	20.4	36.1
SWKS	SKYWORKS SOLUTIONS, INC.	21.3	27.6
SWN	SOUTHWESTERN ENERGY CO	27.5	28.0
SYF	SYNCHRONY FINLCOM	23.9	30.4
SYK	STRYKER CORPCOM	20.0	22.2
SYKE	SYKES ENTERPRISES INCCOM	22.7	20.0
SYNA	SYNAPTICS INCCOM	20.0	21.7
SYI	SYSCO CORP	26.7	25.7
TCF	TCF Financial Corporation	32.8	41.3
TCO	TAUBMAN CTRS INC	20.3	25.7
TCOM	Trip.com Group Limited	20.0	24.1
TCP	TC PIPELINES LPUT COM LTD PRT	52.4	85.5
TCPC	BlackRock TCP Capital Corp.	20.0	95.9
TCRD	THL CR INCCOM	50.6	88.9
TCS	CONTAINER STORE GROUP INCCOM	22.1	23.9
TD	TORONTO DOMINION BK ONT	23.7	23.8
TDG	Transdigm Group Inc.	22.8	34.5
TDS	TELEPHONE & DATA SYS INCCOM	20.8	20.0
TECK	Teck Resources LTD	43.5	59.3
TEF	TELEFONICA S A	22.9	26.1
TEL	TE Connectivity Ltd.	20.0	27.9
TER	TERADYNE INCCOM	21.4	26.9
TERP	TerraForm Power, Inc. Class A	24.8	53.0
TEVA	TEVA PHARMACEUTICAL INDS LTD	23.6	32.7
TEX	TEREX CORP NEW	32.8	38.3
TFC	Truist Financial Corporation	33.2	38.3
TFX	TELEFLEX INC	20.0	28.0
TGE	Tallgrass Energy, LP	23.9	42.0
TGI	TRIUMPH GROUP INC NEWCOM	41.1	100.0
TGNA	TEGNA Inc.	21.7	26.0
TGP	TEEKAY LNG PARTNERS L PPRTNRSP UNITS	33.6	32.5
THC	TENET HEALTHCARE	32.6	50.8
THO	THOR INDS INC	45.1	60.7
TJX	TJX COS INC NEW	20.0	23.1
TK	TEEKAY CORPORATIONCOM	75.3	59.4
TKR	TIMKEN CO	30.8	44.1

	P T TELEKOMUNIKASI INDONESIA SPONSORED		
TLK	ADR	20.0	23.1
TLRD	Tailored Brands, Inc.	31.6	45.8
TLRY	TILRAY INCCOM CL 2	40.0	65.4
TMHC	Taylor Morrison Home Corporation	30.4	46.8
TMUS	T-Mobile US, Inc.	20.4	21.5
TMV	Direxion Daily 20 Year Treasury Bear 3X Shares	29.8	60.6
TOL	TOLL BROTHERS INC	23.6	60.3
TOT	TOTAL S ASPONSORED ADR	31.4	33.7
TPH	TRI Pointe Group, Inc.	20.0	54.5
TPR	Tapestry, Inc.	30.2	36.6
TPVG	TRIPLEPOINT VENTURE GROWTH BCOM	23.0	100.0
TPX	Tempur Sealy International Inc.	34.1	42.3
TREX	TREX INCCOM	22.8	31.2
TRMB	Trimble Inc.	21.6	29.9
TRN	TRINITY INDS INC	27.9	26.9
TROW	PRICE T ROWE GROUP INCCOM	23.2	28.6
TRP	TC Energy Corporation	22.3	33.6
TRTN	Triton International Limited	27.9	29.3
TRV	The Travelers Companies, Inc.	20.0	25.2
TS	TENARIS S ASPONSORED ADR	41.6	37.6
TSLA	Tesla, Inc.	31.9	43.3
TSLX	TPG SPECIALTY LENDING INCCOM	20.0	39.6
TSM	TAIWAN SEMICONDUCTOR MFG LTD	20.0	24.0
TSU	TIM PARTICIPACOE S ASPONS ADR PFD	20.0	36.1
TTC	TORO CO	20.0	20.4
TTM	TATA MTRS LTD SPONSORED ADR	33.4	41.0
TUP	TUPPERWARE BRANDS CORPCOM	70.5	96.8
TV	GRUPO TELEvisa SA DE CV	24.2	36.8
TWLO	TWILIO INCCL A	23.0	25.4
TWO	TWO HBRS INVT CORPCOM	20.0	67.0
TXN	TEXAS INSTRS INC	20.0	21.9
TXRH	Texas Roadhouse, Inc.	40.8	29.0
TXT	TEXTRON INC	33.7	35.2
TZOO	Travelzoo	24.3	23.0
UAA	UNDER ARMOUR INCCL A	25.9	38.7
UAL	United Airlines Holdings, Inc.	29.0	74.0
UBER	UBER TECHNOLOGIES INCCOM	26.8	48.1
UBS	UBS GROUP AGSHS	22.8	27.8
UDR	UDR INCCOM	20.0	27.0
UFS	Domtar, Corp. (new)	27.6	43.6
UGI	UGI CORP NEWCOM	20.0	31.4
UGP	ULTRAPAR PARTICIPACOE S ASP ADR REP PFD	41.6	63.4
UHS	UNIVERSAL HLTH SVCS INC	21.6	37.9
UI	Ubiquiti Inc.	26.1	21.6
UIS	UNISYS CORPCOM	22.0	20.0
ULTA	Ulta Beauty, Inc.	20.7	32.4
UNFI	UNITED NAT FOODS INC	24.9	37.6

UNH	UNITEDHEALTH GROUP INC.	20.0	28.3
UNIT	Uniti Group Inc.	27.4	44.2
UNM	UNUM GROUPCOM	36.4	45.9
UNP	UNION PAC CORP	20.8	22.5
URBN	URBAN OUTFITTERS INCCOM	25.8	29.9
URI	UNITED RENTALS INCCOM	35.3	41.2
	USA COMPRESSION PARTNERS LPCOMUNIT		
USAC	LTDPAR	60.3	100.0
USB	US BANCORP DELCOM NEW	29.4	29.7
USL	UNITED STS 12 MONTH OIL FD LUNIT BEN INT	38.2	32.9
USO	UNITED STATES OIL FUND LP	46.2	43.7
UTHR	UNITED THERAPEUTICS CORP DEL	20.0	21.5
UTX	UNITED TECHNOLOGIES CORP	23.1	25.7
V	VISA INCCOM CL A	20.0	21.7
VALE	Vale S.A.	33.6	41.9
VAR	VARIAN MED SYS INCCOM	20.0	25.2
VC	VISTEON CORPCOM NEW	26.6	36.0
VDE	VANGUARD ENERGY ETF	32.8	30.1
VECO	VEECO INSTRS INC DEL	25.5	54.3
VEDL	Vedanta Limited	30.4	36.0
VEEV	VEEVA SYS INCCL A COM	20.0	24.3
VEON	VEON Ltd.	35.6	34.3
VER	VEREIT, Inc.	25.7	32.1
VFC	V F CORP	20.0	26.9
VIAC	ViacomCBS Inc. Class B	25.6	32.7
VIAV	Viavi Solutions Inc.	20.0	33.1
VICR	VICOR CORPCOM	25.0	38.6
VIPS	VIPSHOP HLDGS LTDSPONSORED ADR	28.4	25.4
VIV	Telefonica Brasil S.A.	20.0	29.7
VLO	VALERO ENERGY CORP NEW	22.9	54.1
VLY	VALLEY NATL BANCORPCOM	25.9	25.5
VMC	VULCAN MATLS CO	20.0	35.9
VMI	VALMONT INDS INCCOM	22.1	27.1
VMW	VMWARE INCCL A COM	23.8	20.9
VNO	VORNADO RLTY TR	23.0	41.2
VNQ	Vanguard Real Estate ETF	20.0	26.4
VOD	VODAFONE GROUP PLC NEWSPONSORED ADR	20.5	24.1
VRSN	VERISIGN INCCOM	20.0	22.4
VSH	VISHAY INTERTECHNOLOGY INC	25.2	37.0
VSTO	VISTA OUTDOOR INCCOM	20.0	26.1
VTR	VENTAS INC	34.3	66.3
WAB	WABTEC	22.7	28.7
WAFD	WASHINGTON FED INC	25.1	33.0
WBT	Welbilt, Inc.	20.0	41.9
WCC	WESCO INTL INC	44.3	54.5
WDAY	WORKDAY INCCL A	22.2	22.0
WDC	WESTERN DIGITAL CORP	26.3	43.1
WEC	WEC Energy Group, Inc.	20.0	27.9

WELL	Welltower Inc.	33.3	52.5
WEN	The Wendys Company	20.0	45.8
WERN	WERNER ENTERPRISES INC	20.0	20.4
WEX	WEX Inc.	33.4	43.6
WFC	WELLS FARGO & CO NEW	29.6	27.8
WGO	WINNEBAGO INDS INC	36.0	58.3
WH	WYNDHAM HOTELS & RESORTS INCCOM	26.1	27.6
WHR	WHIRLPOOL CORP	20.0	37.8
WIRE	ENCORE WIRE CORPCOM	20.0	24.4
WIX	WIX COM LTDSHS	27.0	29.8
WLK	WESTLAKE CHEM CORPCOM	47.5	43.3
WLL	WHITING PETE CORP NEWCOM	100.0	80.3
WMB	Williams Companies	24.4	42.5
WOR	WORTHINGTON INDS INC	27.3	34.8
WORK	SLACK TECHNOLOGIES INCCOM CL A	37.3	53.7
WPC	W P CAREY INCCOM	20.0	43.7
WPG	WASHINGTON PRIME GROUP INCCOM	41.8	79.0
WPX	WPX ENERGY INCCOM	100.0	83.8
WRB	BERKLEY W R CORPCOM	21.2	23.3
WRE	WASHINGTON REAL ESTATE INVT	20.0	25.2
WRI	WEINGARTEN RLTY INVS	23.0	55.3
WRK	WESTROCK COCOM	26.5	24.6
WSM	WILLIAMS SONOMA INC	21.1	42.2
WTRG	Essential Utilities, Inc.	20.0	28.6
WUBA	58 COM INCSPON ADR REP A	20.2	20.0
WW	WW International, Inc.	24.2	39.4
WY	WEYERHAEUSER COCOM	23.4	48.9
WYND	Wyndham Destinations, Inc.	38.6	55.7
WYNN	WYNN RESORTS LTDCOM	36.5	58.6
X	UNITED STATES STL CORP NEWCOM	29.7	34.0
XBI	SPDR S&P Biotech ETF	20.0	20.1
XEC	CIMAREX ENERGY COCOM	80.9	49.1
XEL	XCEL ENERGY INC	20.0	26.7
XES	SPDR S&P Oil & Gas Equipment & Services ETF	63.6	50.9
XHB	SPDR S&P Homebuilders ETF	20.1	29.9
XLE	ENERGY SELECT SECT SPDR	33.1	31.0
XLF	FINANCIAL SELECT SECT SPDR	20.2	22.0
XLU	UTILITIES SELECT SECT SPDR	20.0	25.8
XME	SPDR S&P Metals & Mining ETF	23.4	30.1
XOM	EXXON MOBIL CORPORATION	24.7	23.8
XONE	EXONE COCOM	20.9	24.6
	SPDR S&P Oil & Gas Exploration & Production		
XOP	ETF	68.5	40.7
XPRI	Xperi Corporation	20.5	32.1
XPO	XPO LOGISTICS INCCOM	31.8	37.6
XRAY	DENTSPLY SIRONA Inc.	20.0	21.9
XRX	Xerox Holdings Corporation	24.4	35.8
XYL	XYLEM INCCOM	20.0	21.8

Y	ALLEGHANY CORP DEL	20.0	21.6
YELP	YELP Inc	36.4	25.4
YNDX	YANDEX NV	22.6	24.3
YPF	YPF SA	71.4	55.6
YRCW	YRC Worldwide Inc	38.6	56.4
YUM	YUM BRANDS INC.	20.0	22.8
ZBH	Zimmer Biomet Holdings, Inc.	21.0	20.0
ZBRA	ZEBRA TECHNOLOGIES CORP	22.2	27.8
ZG	Zillow Group, Inc. Class A Common Stock	24.3	40.4
ZION	ZIONS BANCORPORATION N.A.	27.6	24.5
ZIOP	ZIOPHARM ONCOLOGY INCCOM	30.6	28.8
ZVO	Zovio Inc.	20.2	42.0
ZYNE	ZYNERBA PHARMACEUTICALS INCCOM	38.8	41.1

For questions regarding this memo, Clearing Members may contact Member Services at 1-800-544-6091 or, within Canada, at 1-800-424-7320, and email memberservices@theocc.com or pricingandmargins@theocc.com.