



**PHLX Memorandum No. 1291-08**

**MEMORANDUM**

**TO:** Options Members and Member Organizations

**FROM:** Todd Borneman, Director

**DATE:** July 3, 2008

**RE:** Maximum Number of Quoting (“MNQ”) Participants Permitted to be Assigned in Each Option

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Pursuant to Commentary .02 to Rule 507, please find attached to this memorandum the updated MNQ Participants for the options listed on the Philadelphia Stock Exchange.

Questions concerning this attached list indicating the maximum number of quoting participants per option may be addressed to Walt Smith, Vice President, at (215) 496-5532 or Todd Borneman, Director, at (215) 496-1261.

Maximum Number of Quoters (“MNQ”) in Equity Options  
 July 2008

| Sym   | MNQ | Sym   | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym   | MNQ | Sym  | MNQ | Sym   | MNQ |
|-------|-----|-------|-----|------|-----|------|-----|------|-----|-------|-----|------|-----|-------|-----|
| A     | 13  | ACN   | 12  | AGO  | 12  | ALVR | 12  | ANTP | 12  | ASGN  | 12  | AW   | 12  | BCRX  | 12  |
| AA    | 22  | ACO   | 12  | AGP  | 12  | ALXN | 12  | ANW  | 12  | ASH   | 12  | AWK  | 12  | BCSI  | 12  |
| AACC  | 12  | ACOR  | 17  | AGU  | 17  | ALY  | 12  | AOB  | 12  | ASIA  | 12  | AX   | 12  | BDC   | 12  |
| AAI   | 12  | ACS   | 12  | AGY  | 12  | AM   | 12  | AOC  | 12  | ASMI  | 12  | AXE  | 12  | BDE   | 12  |
| AAP   | 12  | ACTS  | 12  | AGYS | 12  | AMAG | 12  | AOI  | 12  | ASML  | 12  | AXL  | 17  | BDK   | 12  |
| AAPL  | 22  | ACTU  | 12  | AHG  | 12  | AMAT | 17  | APA  | 17  | ASPM  | 12  | AXP  | 22  | BDX   | 12  |
| AATI  | 12  | ACW   | 12  | AHGP | 12  | AMCC | 12  | APC  | 17  | ASTE  | 12  | AXS  | 12  | BEAV  | 17  |
| AAUK  | 12  | ACXM  | 12  | AHR  | 12  | AMCN | 12  | APD  | 12  | ASTI  | 12  | AYE  | 12  | BEBE  | 12  |
| AAV   | 12  | ADBE  | 17  | AHS  | 12  | AMD  | 22  | APH  | 12  | ASTSF | 12  | AYI  | 12  | BEC   | 12  |
| AB    | 12  | ADCT  | 15  | AIG  | 22  | AME  | 12  | APKT | 12  | ATHN  | 12  | AYR  | 12  | BECN  | 12  |
| ABAX  | 12  | ADI   | 14  | AINV | 12  | AMED | 12  | APL  | 12  | ATHR  | 14  | AZN  | 13  | BEN   | 12  |
| ABB   | 12  | ADLR  | 12  | AIR  | 12  | AMG  | 12  | APOG | 12  | ATI   | 16  | AZO  | 13  | BEXP  | 12  |
| ABC   | 12  | ADM   | 17  | AIRM | 12  | AMGN | 17  | APOL | 17  | ATK   | 12  | AZPN | 12  | BEZ   | 12  |
| ABD   | 12  | ADP   | 12  | AIV  | 12  | AMIS | 12  | APPY | 12  | ATMI  | 12  | AZZ  | 12  | BG    | 17  |
| ABFS  | 12  | ADS   | 12  | AIZ  | 12  | AMKR | 13  | APSG | 12  | ATML  | 12  | B    | 12  | BGC   | 12  |
| ABH   | 12  | ADSK  | 15  | AJG  | 12  | AMLN | 17  | APU  | 12  | ATN   | 12  | BA   | 22  | BGCP  | 12  |
| ABI   | 12  | ADTN  | 12  | AKAM | 17  | AMMD | 12  | ARAY | 12  | ATPG  | 12  | BABY | 12  | BGG   | 12  |
| ABK   | 17  | ADVNB | 12  | AKNS | 12  | AMN  | 12  | ARBA | 12  | ATU   | 12  | BAC  | 22  | BGP   | 12  |
| ABM   | 12  | ADVS  | 12  | AKRX | 12  | AMP  | 12  | ARCC | 12  | ATV   | 12  | BAM  | 12  | BHE   | 12  |
| ABNYY | 12  | AEA   | 12  | AKS  | 22  | AMR  | 22  | ARD  | 12  | ATVI  | 12  | BARE | 12  | BHI   | 17  |
| ABP   | 12  | AEE   | 12  | ALB  | 12  | AMRI | 12  | ARG  | 12  | ATW   | 12  | BAS  | 12  | BHP   | 17  |
| ABT   | 16  | AEG   | 12  | ALD  | 12  | AMSC | 17  | ARIA | 12  | AU    | 12  | BAX  | 14  | BHS   | 12  |
| ABV   | 12  | AEIS  | 12  | ALDN | 12  | AMSG | 12  | ARII | 12  | AUDC  | 12  | BBBB | 12  | BID   | 12  |
| ABX   | 22  | AEL   | 12  | ALE  | 12  | AMT  | 17  | ARLP | 12  | AUO   | 12  | BBBY | 17  | BIDU  | 22  |
| ACAD  | 12  | AEM   | 17  | ALEX | 12  | AMTD | 12  | ARM  | 12  | AUXL  | 12  | BBD  | 17  | BIDZ  | 12  |
| ACAS  | 17  | AEO   | 17  | ALGN | 12  | AMX  | 17  | ARNA | 12  | AUY   | 22  | BBG  | 12  | BIG   | 12  |
| ACC   | 12  | AEP   | 12  | ALJ  | 12  | AMZN | 22  | ARO  | 12  | AVA   | 12  | BBH  | 12  | BIIB  | 17  |
| ACE   | 12  | AER   | 12  | ALK  | 12  | AN   | 12  | ARQL | 12  | AVAV  | 12  | BBI  | 12  | BJ    | 12  |
| ACF   | 16  | AERG  | 12  | ALKS | 12  | ANAD | 12  | ARRS | 12  | AVB   | 12  | BBND | 12  | BJRI  | 12  |
| ACGL  | 12  | AES   | 13  | ALL  | 17  | ANDE | 12  | ARRY | 12  | AVCT  | 12  | BBOX | 12  | BJS   | 17  |
| ACGY  | 12  | AET   | 14  | ALNY | 12  | ANF  | 17  | ARTC | 19  | AVD   | 12  | BBT  | 22  | BK    | 18  |
| ACH   | 17  | AFFX  | 12  | ALO  | 12  | ANGO | 12  | ARUN | 12  | AVID  | 12  | BBW  | 12  | BKC   | 12  |
| ACI   | 17  | AFG   | 12  | ALOG | 12  | ANH  | 12  | ARW  | 12  | AVII  | 12  | BBX  | 12  | BKH   | 12  |
| ACIW  | 12  | AFL   | 12  | ALSK | 12  | ANN  | 14  | ASBC | 12  | AVNR  | 12  | BBY  | 22  | BKS   | 12  |
| ACL   | 12  | AG    | 12  | ALTH | 12  | ANPI | 12  | ASCA | 12  | AVP   | 14  | BC   | 12  | BKUNA | 12  |
| ACLI  | 12  | AGE   | 12  | ALTR | 17  | ANR  | 22  | ASEI | 12  | AVR   | 12  | BCE  | 22  | BLC   | 12  |
| ACLS  | 12  | AGII  | 12  | ALU  | 12  | ANSS | 12  | ASF  | 12  | AVT   | 12  | BCO  | 12  | BLDP  | 12  |
| ACM   | 12  | AGN   | 13  | ALV  | 12  | ANST | 12  | ASFI | 12  | AVY   | 12  | BCR  | 12  | BLDR  | 12  |

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| Sym  | MNQ | Sym  | MNQ | Sym   | MNQ | Sym   | MNQ | Sym   | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ |
|------|-----|------|-----|-------|-----|-------|-----|-------|-----|------|-----|------|-----|------|-----|
| BLG  | 12  | BSC  | 14  | CAS   | 12  | CEA   | 12  | CHU   | 12  | CNC  | 12  | CPKI | 12  | CSE  | 17  |
| BLK  | 12  | BSX  | 17  | CAT   | 22  | CECO  | 13  | CHZ   | 12  | CNE  | 12  | CPLP | 12  | CSGS | 12  |
| BLKB | 12  | BTH  | 12  | CATS  | 12  | CEDC  | 12  | CI    | 12  | CNG  | 12  | CPN  | 12  | CSH  | 12  |
| BLL  | 12  | BTU  | 22  | CB    | 12  | CEG   | 12  | CIEN  | 17  | CNH  | 12  | CPNO | 12  | CSIQ | 17  |
| BLS  | 12  | BUCY | 12  | CBAK  | 12  | CEGE  | 12  | CISG  | 12  | CNI  | 12  | CPO  | 12  | CSK  | 12  |
| BLT  | 12  | BUD  | 22  | CBE   | 12  | CELG  | 17  | CIT   | 17  | CNK  | 12  | CPRT | 12  | CSL  | 12  |
| BLTI | 12  | BVF  | 12  | CBEY  | 12  | CELL  | 12  | CKH   | 12  | CNL  | 12  | CPS  | 12  | CSR  | 12  |
| BLUD | 12  | BVN  | 12  | CBG   | 12  | CEM   | 12  | CKP   | 12  | CNMD | 12  | CPSL | 12  | CSTR | 12  |
| BLUS | 12  | BW   | 12  | CBH   | 12  | CENX  | 12  | CKR   | 12  | CNO  | 12  | CPST | 12  | CSUN | 14  |
| BMC  | 12  | BWA  | 12  | CBI   | 12  | CEO   | 12  | CL    | 12  | CNP  | 12  | CPTS | 12  | CSX  | 17  |
| BMRN | 12  | BWLD | 12  | CBK   | 12  | cep   | 12  | CLB   | 12  | CNQ  | 13  | CPWM | 12  | CTAS | 12  |
| BMY  | 17  | BWNG | 12  | CBL   | 12  | CEPH  | 15  | CLDN  | 12  | CNQR | 12  | CPWR | 12  | CTB  | 12  |
| BNE  | 12  | BWP  | 12  | CBLI  | 12  | CERN  | 12  | CLF   | 17  | CNSL | 12  | CPX  | 12  | CTCM | 12  |
| BNI  | 17  | BWS  | 12  | CBR   | 12  | CERS  | 12  | CLHB  | 12  | CNTF | 12  | CQB  | 12  | CTCO | 12  |
| BONT | 12  | BX   | 17  | CBRL  | 12  | CETV  | 12  | CLMT  | 12  | CNW  | 12  | CQP  | 12  | CTL  | 12  |
| BOOM | 12  | BXC  | 12  | CBS   | 12  | CF    | 17  | CLNE  | 12  | CNX  | 17  | CR   | 12  | CTRP | 12  |
| BOW  | 12  | BXP  | 12  | CBS/A | 12  | CFC   | 22  | CLR   | 17  | COCO | 12  | CRA  | 12  | CTSH | 17  |
| BP   | 17  | BXS  | 12  | CBST  | 12  | CFFN  | 12  | CLS   | 12  | COF  | 22  | CRAY | 12  | CTV  | 12  |
| BPA  | 12  | BYD  | 12  | CBT   | 12  | CFG   | 12  | CLWR  | 12  | COG  | 12  | CRBC | 12  | CTX  | 17  |
| BPAX | 12  | BYI  | 12  | CBZ   | 12  | CFR   | 12  | CLX   | 12  | COGO | 12  | CRDN | 14  | CTXS | 17  |
| BPFH | 12  | BZH  | 15  | CC    | 12  | CFSG  | 12  | CLZR  | 12  | COGT | 12  | CREE | 20  | CUB  | 12  |
| BPL  | 12  | BZP  | 12  | CCC   | 12  | CGNX  | 12  | CMA   | 17  | COH  | 17  | CRI  | 12  | CUTR | 12  |
| BPOP | 12  | C    | 22  | CCE   | 12  | CGV   | 12  | CMC   | 12  | COHU | 12  | CRK  | 12  | CVA  | 12  |
| BPT  | 12  | CA   | 14  | CCI   | 12  | CGX   | 12  | CMCSA | 17  | COI  | 12  | CRL  | 12  | CVBF | 12  |
| BQI  | 17  | CAB  | 12  | CCJ   | 17  | CHA   | 12  | CMCSK | 15  | COL  | 12  | CRM  | 17  | CVC  | 12  |
| BR   | 12  | CACH | 12  | CCK   | 12  | CHB   | 12  | CME   | 17  | COLM | 12  | CRME | 12  | CVD  | 12  |
| BRC  | 12  | CAEI | 12  | CCL   | 17  | CHD   | 12  | CMED  | 12  | COMV | 12  | CRNT | 12  | CVG  | 12  |
| BRCD | 17  | CAG  | 12  | CCMP  | 12  | CHE   | 12  | CMG   | 17  | CONN | 12  | CROX | 17  | CVGI | 12  |
| BRCM | 22  | CAH  | 13  | CCO   | 12  | CHH   | 12  | CMI   | 17  | COO  | 12  | CRR  | 12  | CVH  | 12  |
| BRE  | 12  | CAI  | 12  | CCOI  | 12  | CHIC  | 12  | CMN   | 12  | COP  | 22  | CRS  | 12  | CVI  | 12  |
| BRKS | 12  | CAKE | 12  | CCRN  | 12  | CHINA | 12  | CMP   | 12  | CORS | 12  | CRUS | 12  | CVO  | 12  |
| BRL  | 12  | CAL  | 17  | CCRT  | 12  | CHK   | 22  | CMRG  | 12  | COST | 17  | CRXL | 12  | CVP  | 12  |
| BRLC | 12  | CALM | 17  | CCU   | 17  | CHKP  | 14  | CMS   | 12  | COT  | 12  | CRXX | 12  | CVS  | 17  |
| BRLI | 12  | CAM  | 14  | CDE   | 12  | CHL   | 17  | CMTL  | 12  | COV  | 12  | CRYP | 12  | CVTX | 12  |
| BRNC | 12  | CAMD | 12  | CDL   | 12  | CHRT  | 12  | CMX   | 12  | CP   | 12  | CRZO | 12  | CVX  | 22  |
| BRO  | 12  | CAMP | 12  | CDNS  | 12  | CHRW  | 12  | CN    | 12  | CPB  | 12  | CS   | 12  | CW   | 12  |
| BRS  | 12  | CAO  | 12  | CDS   | 12  | CHS   | 15  | CNA   | 12  | CPE  | 12  | CSC  | 12  | CWST | 12  |
| BRY  | 12  | CAR  | 12  | CE    | 12  | CHTT  | 12  | CNB   | 12  | CPHD | 12  | CSCO | 22  | CWTR | 14  |

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| Sym   | MNQ | Sym   | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ |
|-------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
| CX    | 17  | DECK  | 12  | DOV  | 12  | DXCM | 12  | ELNK | 12  | ERIC | 14  | EXPD | 12  | FIG  | 12  |
| CXG   | 12  | DEH   | 12  | DOW  | 17  | DXD  | 12  | ELON | 12  | ERJ  | 12  | EXPE | 12  | FINL | 12  |
| CXO   | 12  | DELL  | 22  | DOX  | 12  | DY   | 12  | ELOS | 12  | ERTS | 15  | EXTR | 12  | FIS  | 12  |
| CXR   | 12  | DENN  | 12  | DPM  | 12  | DYAX | 12  | ELX  | 12  | ES   | 12  | EYE  | 12  | FISV | 12  |
| CXW   | 12  | DEO   | 12  | DPS  | 12  | DYN  | 12  | ELY  | 12  | ESE  | 12  | EZCH | 12  | FITB | 22  |
| CY    | 17  | DEPO  | 12  | DPSG | 12  | EAC  | 12  | EMC  | 22  | ESEA | 12  | EZPW | 12  | FIX  | 12  |
| CYBS  | 12  | DERN  | 12  | DPTR | 12  | EAS  | 12  | EME  | 12  | ESI  | 12  | F    | 22  | FIZZ | 12  |
| CYBX  | 12  | DF    | 12  | DPZ  | 12  | EAT  | 12  | EMIS | 12  | ESIO | 12  | FAF  | 12  | FL   | 12  |
| CYD   | 12  | DFG   | 12  | DRC  | 12  | EBAY | 22  | EMKR | 12  | ESL  | 12  | FALC | 12  | FLDR | 12  |
| CYH   | 12  | DFR   | 12  | DRE  | 12  | ECA  | 17  | EMMS | 12  | ESLR | 17  | FARO | 12  | FLE  | 12  |
| CYMI  | 12  | DFS   | 17  | DRI  | 12  | ECL  | 12  | EMN  | 12  | ESRX | 12  | FAST | 12  | FLEX | 15  |
| CYN   | 12  | DGIT  | 12  | DRIV | 13  | ECLP | 12  | EMR  | 14  | ESS  | 12  | FBC  | 12  | FLIR | 12  |
| CYPB  | 12  | DGX   | 13  | DRL  | 12  | ED   | 12  | ENDP | 12  | ESV  | 17  | FBN  | 12  | FLML | 12  |
| CYT   | 12  | DHI   | 17  | DRQ  | 12  | EDR  | 12  | ENER | 22  | ETE  | 12  | FBR  | 12  | FLO  | 12  |
| CYTR  | 12  | DHR   | 12  | DRRX | 12  | EDS  | 12  | ENG  | 12  | ETFC | 17  | FCEL | 12  | FLOW | 12  |
| CZL   | 12  | DHT   | 12  | DRS  | 12  | EDU  | 12  | ENH  | 12  | ETH  | 12  | FCF  | 12  | FLR  | 17  |
| CZN   | 12  | DIA   | 22  | DRYS | 22  | EEB  | 12  | ENI  | 12  | ETM  | 12  | FCFS | 12  | FLS  | 12  |
| CZZ   | 12  | DIN   | 12  | DSL  | 12  | EEE  | 12  | ENR  | 12  | ETN  | 12  | FCH  | 12  | FLSH | 12  |
| D     | 12  | DIOD  | 12  | DSPG | 12  | EEFT | 12  | ENS  | 12  | ETP  | 12  | FCL  | 12  | FLWS | 12  |
| DAI   | 14  | DIS   | 17  | DST  | 12  | EEM  | 22  | ENTG | 12  | ETR  | 12  | FCN  | 12  | FMC  | 12  |
| DAKT  | 12  | DISCA | 12  | DSTI | 12  | EEP  | 12  | ENZ  | 12  | EVC  | 12  | FCS  | 12  | FMCN | 17  |
| DAL   | 22  | DISH  | 17  | DSW  | 12  | EEQ  | 12  | ENZN | 12  | EVVV | 12  | FCSX | 12  | FMD  | 12  |
| DAVE  | 12  | DITC  | 12  | DSX  | 14  | EFA  | 22  | EOG  | 17  | EW   | 12  | FCX  | 22  | FMX  | 12  |
| DB    | 12  | DIVX  | 12  | DT   | 12  | EFII | 12  | EP   | 17  | EWBC | 12  | FDG  | 22  | FNF  | 12  |
| DBA   | 17  | DK    | 12  | DTE  | 12  | EFJI | 12  | EPAY | 12  | EWC  | 12  | FDM  | 12  | FNFG | 12  |
| DBC   | 12  | DKS   | 12  | DTG  | 12  | EFX  | 12  | EPD  | 12  | EWG  | 12  | FDO  | 12  | FNI  | 12  |
| DBRN  | 12  | DLB   | 12  | DTPI | 12  | EGLE | 14  | EPE  | 12  | EWH  | 12  | FDP  | 12  | FNM  | 22  |
| DCGN  | 12  | DLM   | 12  | DTV  | 17  | EGN  | 12  | EPEX | 12  | EWJ  | 17  | FDRY | 14  | FO   | 12  |
| DCI   | 12  | DLTR  | 12  | DUG  | 17  | EGO  | 12  | EPI  | 12  | EWT  | 17  | FDS  | 12  | FOR  | 12  |
| DCO   | 12  | DLX   | 12  | DUK  | 12  | EGP  | 12  | EPIC | 12  | EWW  | 12  | FDX  | 17  | FORM | 12  |
| DCP   | 12  | DMLP  | 12  | DV   | 12  | EGY  | 12  | EPIQ | 12  | EWY  | 12  | FE   | 12  | FOSL | 12  |
| DD    | 17  | DNA   | 17  | DVA  | 12  | EHTH | 12  | EPL  | 12  | EWZ  | 22  | FED  | 17  | FOXH | 12  |
| DDE   | 12  | DNB   | 12  | DVAX | 12  | EIG  | 12  | EQ   | 12  | EXBD | 12  | FEED | 12  | FPL  | 12  |
| DDGIT | 12  | DNDN  | 17  | DVN  | 17  | EIX  | 12  | EQIX | 12  | EXC  | 12  | FEIC | 12  | FRE  | 22  |
| DDM   | 12  | DNEX  | 12  | DVR  | 12  | EJ   | 12  | EQR  | 12  | EXEL | 12  | FFIV | 17  | FRED | 12  |
| DDS   | 12  | DNN   | 12  | DVY  | 12  | EK   | 17  | EQT  | 12  | EXH  | 12  | FGP  | 12  | FRG  | 12  |
| DDUP  | 12  | DNR   | 12  | DWA  | 12  | EL   | 12  | ERES | 12  | EXM  | 17  | FHN  | 12  | FRO  | 17  |
| DE    | 18  | DO    | 16  | DWSN | 12  | ELN  | 22  | ERF  | 12  | EXP  | 12  | FIC  | 12  | FRP  | 12  |

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| Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym   | MNQ | Sym   | MNQ | Sym  | MNQ |
|------|-----|------|-----|------|-----|------|-----|------|-----|-------|-----|-------|-----|------|-----|
| FRPT | 12  | GDW  | 12  | GMCR | 12  | GTI  | 12  | HHGP | 12  | HOT   | 17  | HYC   | 12  | IIIN | 12  |
| FRX  | 15  | GDX  | 17  | GME  | 17  | GTOP | 12  | HHH  | 12  | HOTT  | 12  | HZO   | 12  | IJI  | 12  |
| FSH  | 12  | GE   | 22  | GMKT | 12  | GTXI | 12  | HHJ  | 12  | HOV   | 19  | IACI  | 12  | IIVI | 12  |
| FSIN | 12  | GEL  | 12  | GMR  | 12  | GU   | 12  | HIBB | 12  | HP    | 12  | IAG   | 12  | IJH  | 12  |
| FSLR | 22  | GENZ | 13  | GMST | 12  | GVA  | 12  | HIFN | 12  | HPC   | 12  | IAI   | 12  | IKN  | 12  |
| FST  | 12  | GEO  | 12  | GMT  | 12  | GVHR | 12  | HIG  | 12  | HPQ   | 22  | IAR   | 12  | ILF  | 12  |
| FSTR | 12  | GERN | 12  | GMXR | 12  | GWR  | 12  | HIT  | 12  | HPY   | 12  | IART  | 12  | ILMN | 12  |
| FSYS | 12  | GES  | 12  | GNA  | 12  | GWW  | 12  | HITT | 12  | HRB   | 17  | IBB   | 17  | IM   | 12  |
| FTD  | 12  | GET  | 12  | GNK  | 13  | GXP  | 12  | HIW  | 12  | HRC   | 12  | IBI   | 12  | IMA  | 12  |
| FTEK | 12  | GFA  | 12  | GNTX | 12  | GYMB | 12  | HK   | 22  | HRH   | 12  | IBKR  | 12  | IMAX | 12  |
| FTI  | 12  | GFF  | 12  | GNW  | 12  | HA   | 12  | HL   | 13  | HRL   | 12  | IBM   | 22  | IMB  | 12  |
| FTK  | 12  | GFG  | 12  | GOL  | 12  | HAE  | 12  | HLEX | 12  | HRLY  | 12  | IBN   | 17  | IMCL | 17  |
| FTO  | 17  | GFI  | 17  | GOLD | 12  | HAIN | 12  | HLF  | 12  | HRP   | 12  | ICE   | 17  | IMGN | 12  |
| FTU  | 12  | GFIG | 12  | GOOG | 22  | HAL  | 22  | HLIT | 12  | HRS   | 12  | ICF   | 12  | IMH  | 12  |
| FUL  | 12  | GG   | 22  | GPC  | 12  | HALO | 12  | HLS  | 12  | HRZ   | 12  | ICGE  | 12  | IMLN | 12  |
| FULT | 12  | GGB  | 12  | GPI  | 12  | HANS | 17  | HLTH | 12  | HS    | 12  | ICO   | 17  | IMMR | 12  |
| FVE  | 12  | GGC  | 12  | GPN  | 12  | HAR  | 12  | HLX  | 12  | HSC   | 12  | ICON  | 12  | IMN  | 12  |
| FWLT | 16  | GGG  | 12  | GPRO | 12  | HAS  | 12  | HLYS | 12  | HSIC  | 12  | ICUI  | 12  | IMO  | 12  |
| FWRD | 12  | GGP  | 12  | GPS  | 17  | HBAN | 17  | HMA  | 12  | HSII  | 12  | ID    | 12  | IMOS | 12  |
| FXA  | 12  | GGR  | 12  | GR   | 12  | HBC  | 17  | HMC  | 12  | HSP   | 12  | IDA   | 12  | IN   | 12  |
| FXB  | 12  | GHL  | 12  | GRA  | 14  | HBI  | 12  | HME  | 12  | HST   | 12  | IDCC  | 14  | INAP | 12  |
| FXC  | 12  | GHS  | 12  | GRMN | 22  | HC   | 12  | HMIN | 12  | HSTX  | 12  | IDEV  | 12  | INCY | 12  |
| FXE  | 12  | GIFI | 12  | GROW | 12  | HCBK | 12  | HMSY | 12  | HSY   | 13  | IDIX  | 12  | INFA | 12  |
| FXEN | 12  | GIGM | 12  | GRP  | 12  | HCC  | 12  | HMX  | 12  | HTCH  | 12  | IDSY  | 12  | INFN | 12  |
| FXF  | 12  | GILD | 17  | GRRF | 12  | HCN  | 12  | HMY  | 15  | HTE   | 12  | IDTI  | 12  | INFY | 12  |
| FXI  | 22  | GILT | 12  | GRS  | 12  | HCP  | 12  | HNI  | 12  | HTH   | 12  | IDU   | 12  | ING  | 12  |
| FXP  | 12  | GIS  | 12  | GRZ  | 12  | HD   | 22  | HNP  | 12  | HTLD  | 12  | IEF   | 12  | INGN | 12  |
| FXY  | 12  | GIVN | 12  | GS   | 22  | HE   | 12  | HNR  | 12  | HTX   | 12  | IESC  | 12  | ININ | 12  |
| G    | 12  | GKK  | 12  | GSAT | 12  | HEES | 12  | HNSN | 12  | HTZ   | 12  | IEV   | 12  | INSP | 12  |
| GA   | 12  | GLBC | 12  | GSF  | 13  | HELE | 12  | HNT  | 17  | HUB/B | 12  | IEX   | 12  | INSU | 12  |
| GAP  | 12  | GLBL | 12  | GSH  | 12  | HEPH | 12  | HNZ  | 17  | HUBG  | 12  | IFF   | 12  | INT  | 12  |
| GAS  | 12  | GLD  | 22  | GSI  | 12  | HERO | 12  | HOC  | 12  | HUM   | 15  | IFLO  | 12  | INTC | 22  |
| GB   | 12  | GLG  | 12  | GSIC | 12  | HES  | 17  | HOFF | 12  | HUN   | 22  | IFNY  | 12  | INTU | 14  |
| GCI  | 17  | GLNG | 12  | GSIG | 12  | HEW  | 12  | HOG  | 17  | HW    | 12  | IFSIA | 12  | INWK | 12  |
| GCO  | 12  | GLS  | 12  | GSK  | 12  | HGR  | 12  | HOKU | 12  | HWAY  | 12  | IFX   | 12  | IO   | 12  |
| GD   | 12  | GLT  | 12  | GSS  | 12  | HGSI | 12  | HOLX | 13  | HWCC  | 12  | IGN   | 12  | IOC  | 22  |
| GDI  | 12  | GLW  | 17  | GT   | 17  | HGT  | 12  | HON  | 17  | HXL   | 12  | IGT   | 17  | IOO  | 12  |
| GDP  | 12  | GM   | 22  | GTE  | 12  | HHD  | 12  | HOS  | 12  | HXM   | 12  | IIG   | 12  | IP   | 12  |

Maximum Number of Quoters (“MNQ”) in Equity Options  
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| Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym   | MNQ | Sym   | MNQ | Sym  | MNQ | Sym  | MNQ |
|------|-----|------|-----|------|-----|------|-----|-------|-----|-------|-----|------|-----|------|-----|
| IPAS | 12  | IWF  | 12  | JCP  | 17  | KEY  | 17  | LAYN  | 12  | LMDIA | 12  | LZB  | 12  | MEA  | 12  |
| IPCC | 12  | IWM  | 22  | JDAS | 12  | KFN  | 12  | LAZ   | 12  | LMNX  | 12  | M    | 17  | MECA | 12  |
| IPG  | 12  | IWN  | 12  | JDSU | 15  | KFRC | 12  | LBTYA | 12  | LMRA  | 12  | MA   | 22  | MED  | 12  |
| IPGP | 12  | IWO  | 12  | JEC  | 12  | KFT  | 17  | LBY   | 12  | LMT   | 12  | MAA  | 12  | MEDX | 13  |
| IPHS | 12  | IWOV | 12  | JEF  | 12  | KFY  | 12  | LCAPA | 12  | LNC   | 12  | MAN  | 12  | MEE  | 22  |
| IPI  | 17  | IWS  | 12  | JKHY | 12  | KG   | 12  | LCAV  | 12  | LNCR  | 12  | MANH | 12  | MEG  | 12  |
| IPSU | 12  | IWV  | 12  | JLL  | 12  | KGC  | 17  | LCC   | 12  | LNET  | 12  | MAR  | 17  | MELI | 15  |
| IR   | 14  | IXC  | 12  | JMBA | 12  | KHD  | 12  | LCRD  | 12  | LNG   | 17  | MAS  | 12  | MENT | 12  |
| IRBT | 12  | IXG  | 12  | JNJ  | 17  | KIM  | 12  | LDG   | 12  | LNT   | 12  | MAT  | 12  | MEOH | 12  |
| IRF  | 13  | IXJ  | 12  | JNPR | 22  | KKD  | 12  | LDIS  | 12  | LNJ   | 12  | MATK | 12  | MER  | 22  |
| IRIS | 12  | IXN  | 12  | JNS  | 12  | KLAC | 17  | LDK   | 17  | LO    | 17  | MATR | 12  | MERX | 12  |
| IRM  | 12  | IXP  | 12  | JNY  | 12  | KLIC | 12  | LDSH  | 12  | LOGI  | 12  | MAXY | 12  | MET  | 12  |
| ISBC | 12  | IXYS | 12  | JOBS | 12  | KMB  | 12  | LEA   | 12  | LOJN  | 12  | MBI  | 22  | MF   | 17  |
| ISCA | 12  | IYC  | 12  | JOE  | 12  | KMP  | 12  | LEAP  | 12  | LONG  | 12  | MBT  | 12  | MFC  | 12  |
| ISIL | 13  | IYF  | 12  | JOSB | 22  | KMR  | 12  | LEE   | 12  | LOOP  | 12  | MC   | 12  | MFE  | 12  |
| ISIS | 12  | IYG  | 12  | JOYG | 17  | KMX  | 17  | LEG   | 12  | LOW   | 17  | MCCC | 12  | MFLX | 12  |
| ISLE | 12  | IYH  | 12  | JPM  | 22  | KND  | 12  | LEH   | 22  | LPL   | 12  | MCD  | 22  | MFN  | 12  |
| ISLN | 12  | IYJ  | 12  | JRCC | 17  | KNDL | 12  | LEN   | 19  | LPNT  | 12  | MCF  | 12  | MGAM | 12  |
| ISPH | 12  | IYK  | 12  | JRJC | 12  | KNOT | 12  | LF    | 12  | LPX   | 12  | MCGC | 12  | MGG  | 12  |
| ISRG | 12  | IYM  | 12  | JRN  | 12  | KNSY | 12  | LFC   | 12  | LRCX  | 17  | MCHP | 12  | MGI  | 12  |
| ISSC | 12  | IYR  | 17  | JSDA | 12  | KNX  | 12  | LFG   | 12  | LRY   | 12  | MCHX | 12  | MGM  | 17  |
| ISSI | 12  | IYT  | 12  | JTX  | 12  | KNXA | 12  | LFL   | 12  | LSI   | 12  | MCK  | 12  | MGPI | 12  |
| IT   | 12  | IYW  | 12  | JUPM | 12  | KO   | 22  | LFT   | 12  | LSTR  | 12  | MCO  | 17  | MHK  | 12  |
| ITC  | 12  | IYY  | 12  | JWN  | 17  | KONG | 12  | LFUS  | 12  | LTD   | 13  | MCRI | 12  | MHP  | 17  |
| ITF  | 12  | IYZ  | 12  | K    | 12  | KOP  | 12  | LGF   | 12  | LTM   | 17  | MCRL | 12  | MHS  | 12  |
| ITG  | 12  | JADE | 12  | KALU | 12  | KOPN | 12  | LH    | 12  | LTXX  | 12  | MCRS | 12  | MI   | 12  |
| ITMN | 12  | JAH  | 12  | KBH  | 17  | KR   | 12  | LHCG  | 12  | LUFK  | 12  | MCX  | 12  | MIC  | 12  |
| ITRI | 12  | JAKK | 12  | KBM  | 12  | KRY  | 12  | LII   | 12  | LUK   | 12  | MDC  | 12  | MICC | 12  |
| ITT  | 12  | JAS  | 12  | KBR  | 12  | KSS  | 17  | LINE  | 12  | LULU  | 17  | MDCO | 12  | MIG  | 12  |
| ITU  | 12  | JASO | 17  | KBW  | 12  | KSU  | 12  | LINTA | 12  | LUV   | 17  | MDG  | 12  | MIL  | 12  |
| ITW  | 14  | JAVA | 17  | KCI  | 13  | KSWs | 12  | LIZ   | 12  | LUX   | 12  | MDP  | 12  | MINI | 12  |
| ITWO | 12  | JBHT | 13  | KDE  | 12  | KV/A | 12  | LKQX  | 12  | LVL   | 17  | MDR  | 12  | MIPS | 12  |
| IUSA | 12  | JBL  | 17  | KDN  | 12  | KVHI | 12  | LLL   | 12  | LVS   | 17  | MDT  | 15  | MIR  | 17  |
| IVAC | 12  | JBLU | 17  | KEG  | 12  | KWK  | 12  | LLNW  | 12  | LXK   | 16  | MDTL | 15  | MKC  | 12  |
| IVGN | 12  | JBX  | 12  | KEM  | 12  | L    | 13  | LLTC  | 17  | LXU   | 12  | MDU  | 12  | MKSI | 12  |
| IVN  | 12  | JCG  | 17  | KEP  | 12  | LACO | 12  | LLY   | 17  | LYTS  | 12  | MDVN | 12  | MLHR | 12  |
| IVV  | 12  | JCI  | 12  | KERX | 12  | LAMR | 12  | LM    | 13  | LYV   | 12  | MDY  | 22  | MLI  | 12  |
| IWA  | 12  | JCOM | 12  | KEX  | 12  | LAVA | 12  | LMC   | 12  | LZ    | 12  | ME   | 12  | MLM  | 12  |

Maximum Number of Quoters (“MNQ”) in Equity Options  
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| Sym   | MNQ | Sym   | MNQ | Sym  | MNQ | Sym   | MNQ | Sym   | MNQ | Sym   | MNQ | Sym  | MNQ | Sym  | MNQ |
|-------|-----|-------|-----|------|-----|-------|-----|-------|-----|-------|-----|------|-----|------|-----|
| MM    | 12  | MSA   | 12  | NABI | 12  | NI    | 12  | NST   | 12  | OC    | 12  | ORH  | 12  | PBY  | 12  |
| MMC   | 12  | MSCC  | 12  | NAFC | 12  | NICE  | 12  | NSTC  | 12  | OCN   | 12  | ORLY | 12  | PCAR | 13  |
| MMLP  | 12  | MSCS  | 12  | NAK  | 12  | NIHD  | 17  | NT    | 17  | OCNF  | 12  | OSG  | 12  | PCBC | 12  |
| MMM   | 17  | MSFT  | 22  | NAL  | 12  | NILE  | 14  | NTAP  | 17  | OCNW  | 12  | OSIP | 15  | PCG  | 12  |
| MMP   | 12  | MSM   | 12  | NANO | 12  | NITE  | 12  | NTE   | 12  | OCR   | 12  | OSIR | 12  | PCH  | 12  |
| MMR   | 12  | MSO   | 12  | NARA | 12  | NKE   | 17  | NTES  | 14  | ODP   | 15  | OSIS | 12  | PCL  | 12  |
| MMS   | 12  | MSTR  | 12  | NAT  | 12  | NKTR  | 12  | NTG   | 12  | ODSY  | 12  | OSK  | 12  | PCLN | 17  |
| MMSI  | 12  | MT    | 12  | NATI | 12  | NL    | 12  | NTGR  | 12  | OEF   | 12  | OSTE | 12  | PCMC | 12  |
| MNC   | 12  | MTB   | 12  | NBIX | 12  | NLC   | 12  | NTRI  | 17  | OEH   | 12  | OSTK | 12  | PCP  | 12  |
| MNI   | 12  | MTD   | 12  | NBL  | 13  | NLS   | 12  | NTRS  | 12  | OFG   | 12  | OSUR | 12  | PCR  | 12  |
| MNKD  | 12  | MTEX  | 12  | NBR  | 17  | NLY   | 17  | NTY   | 12  | OI    | 13  | OTEX | 12  | PCS  | 12  |
| MNST  | 16  | MTG   | 14  | NCC  | 17  | NM    | 12  | NU    | 12  | OIH   | 22  | OTIV | 12  | PCU  | 15  |
| MNT   | 12  | MTH   | 15  | NCI  | 12  | NMTI  | 12  | NUAN  | 12  | OII   | 12  | OTTR | 12  | PCX  | 17  |
| MNTA  | 12  | MTL   | 12  | NCR  | 12  | NMX   | 13  | NUE   | 22  | OIS   | 12  | OVEN | 12  | PCZ  | 12  |
| MO    | 17  | MTN   | 12  | NCS  | 12  | NNDS  | 12  | NURO  | 12  | OKE   | 12  | OVTI | 17  | PD   | 12  |
| MOH   | 12  | MTRX  | 12  | NCT  | 12  | NNI   | 12  | NUS   | 12  | OKS   | 12  | OWW  | 12  | PDC  | 12  |
| MOLX  | 12  | MTSN  | 12  | NCTY | 12  | NOBL  | 12  | NUVA  | 12  | OLN   | 12  | OXM  | 12  | PDCO | 12  |
| MOLXA | 12  | MTU   | 12  | NCX  | 12  | NOC   | 12  | NVAX  | 12  | OMC   | 12  | OXPS | 12  | PDE  | 17  |
| MON   | 22  | MTW   | 12  | NDAQ | 15  | NOK   | 22  | NVDA  | 22  | OMCL  | 12  | OXY  | 17  | PDGI | 12  |
| MOO   | 12  | MTXX  | 12  | NDN  | 12  | NOOF  | 12  | NVLS  | 15  | OMEX  | 12  | OZM  | 12  | PDLI | 12  |
| MORN  | 12  | MTZ   | 12  | NDSN | 12  | NOV   | 17  | NVS   | 12  | OMG   | 12  | PAA  | 12  | PDS  | 12  |
| MOS   | 22  | MU    | 22  | NE   | 17  | NOVL  | 13  | NVT   | 12  | OMI   | 12  | PAAS | 16  | PEC  | 12  |
| MOSY  | 12  | MUR   | 12  | NED  | 12  | NOVN  | 12  | NVTL  | 14  | OMNI  | 12  | PACR | 12  | PEET | 12  |
| MOT   | 17  | MV    | 12  | NEM  | 22  | NP    | 12  | NWA   | 17  | OMRI  | 12  | PAET | 12  | PEG  | 12  |
| MPEL  | 12  | MVL   | 17  | NETL | 12  | NPBC  | 12  | NWL   | 12  | OMTR  | 12  | PAL  | 12  | PEIX | 12  |
| MPG   | 12  | MVSN  | 12  | NEU  | 12  | NPD   | 12  | NWN   | 12  | OMX   | 14  | PALM | 17  | PEP  | 17  |
| MPS   | 12  | MW    | 12  | NEXC | 12  | NPSP  | 12  | NWS   | 12  | ONCF  | 12  | PANL | 12  | PER  | 12  |
| MPW   | 12  | MWA   | 12  | NFG  | 12  | NR    | 12  | NWS/A | 12  | ONNN  | 12  | PARD | 12  | PETD | 12  |
| MR    | 12  | MWA/B | 12  | NFLX | 17  | NRG   | 17  | NWY   | 12  | ONXX  | 12  | PARL | 12  | PETM | 12  |
| MRCY  | 12  | MWE   | 12  | NFP  | 12  | NRGY  | 12  | NXG   | 12  | OPLK  | 12  | PAY  | 12  | PETS | 12  |
| MRH   | 12  | MWV   | 12  | NFS  | 12  | NRP   | 12  | NXTM  | 12  | OPMR  | 12  | PAYX | 13  | PFCB | 12  |
| MRK   | 22  | MXB   | 12  | NFX  | 12  | NS    | 12  | NXY   | 12  | ORB   | 12  | PBCT | 12  | PFE  | 22  |
| MRNA  | 12  | MXML  | 12  | NG   | 12  | NSANY | 12  | NY    | 12  | ORBK  | 12  | PBG  | 12  | PFG  | 12  |
| MRO   | 17  | MXU   | 12  | NGAS | 12  | NSC   | 17  | NYB   | 12  | ORCAL | 12  | PBH  | 12  | PFS  | 12  |
| MRVC  | 12  | MXWL  | 12  | NGLS | 12  | NSH   | 12  | NYC   | 12  | ORCC  | 12  | PBI  | 12  | PFWD | 12  |
| MRVL  | 22  | MYGN  | 22  | NGPC | 12  | NSIT  | 12  | NYNY  | 12  | ORCL  | 22  | PBR  | 22  | PG   | 22  |
| MRX   | 12  | MYL   | 14  | NGS  | 12  | NSM   | 22  | NYT   | 12  | ORCT  | 12  | PBT  | 12  | PGH  | 12  |
| MS    | 22  | N     | 12  | NHWK | 12  | NSR   | 12  | NYX   | 17  | OREX  | 12  | PBW  | 12  | PGJ  | 12  |

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| Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym   | MNQ | Sym  | MNQ | Sym   | MNQ | Sym   | MNQ | Sym  | MNQ |
|------|-----|------|-----|------|-----|-------|-----|------|-----|-------|-----|-------|-----|------|-----|
| PGN  | 12  | PNK  | 12  | PSUN | 12  | R     | 12  | RHT  | 17  | RTEC  | 12  | SCI   | 12  | SHW  | 12  |
| PGNX | 12  | PNM  | 12  | PSYS | 12  | RA    | 12  | RIG  | 22  | RTH   | 22  | SCMR  | 12  | SI   | 12  |
| PGR  | 12  | PNR  | 12  | PTEN | 17  | RACK  | 12  | RIGL | 12  | RTI   | 12  | SCON  | 12  | SIAL | 12  |
| PH   | 12  | PNRA | 12  | PTIE | 12  | RAD   | 12  | RIMM | 22  | RTIX  | 12  | SCS   | 12  | SID  | 12  |
| PHG  | 12  | PNSN | 12  | PTR  | 17  | RADS  | 12  | RIO  | 22  | RTN   | 15  | SCSC  | 12  | SIFY | 12  |
| PHH  | 12  | PNX  | 12  | PTRY | 12  | RAI   | 12  | RJET | 12  | RTP   | 12  | SCSS  | 12  | SIGA | 12  |
| PHI  | 12  | POL  | 12  | PTV  | 12  | RAIL  | 12  | RJF  | 12  | RUTH  | 12  | SCUR  | 12  | SIGM | 17  |
| PHM  | 17  | POM  | 12  | PURE | 12  | RAS   | 12  | RKH  | 12  | RVBD  | 12  | SD    | 17  | SII  | 15  |
| PHO  | 12  | POOL | 12  | PVA  | 12  | RATE  | 12  | RKT  | 12  | RVSN  | 12  | SDA   | 12  | SIL  | 12  |
| PHRM | 12  | POT  | 22  | PVH  | 12  | RBC   | 12  | RL   | 12  | RWC   | 12  | SDS   | 17  | SIM  | 12  |
| PHTN | 12  | POWI | 12  | PVR  | 12  | RBI   | 12  | RMBS | 17  | RWT   | 12  | SDXC  | 12  | SIMG | 12  |
| PICO | 12  | POWR | 12  | PVTB | 12  | RCI   | 12  | RMD  | 12  | RX    | 12  | SE    | 12  | SIMO | 12  |
| PII  | 13  | POZN | 12  | PVX  | 12  | RCII  | 12  | RMG  | 12  | RY    | 12  | SEAC  | 12  | SINA | 17  |
| PIR  | 12  | PPC  | 17  | PWAV | 12  | RCL   | 17  | RMIX | 12  | RYAAY | 12  | SEE   | 12  | SIRF | 14  |
| PJC  | 12  | PPCO | 12  | PWE  | 12  | RCNI  | 12  | RNOW | 12  | RYL   | 17  | SEED  | 12  | SIRI | 22  |
| PKD  | 12  | PPDI | 12  | PWER | 12  | RDC   | 15  | RNR  | 12  | RYN   | 12  | SEIC  | 12  | SIRO | 12  |
| PKG  | 12  | PPG  | 12  | PWR  | 12  | RDEN  | 12  | RNT  | 12  | RZ    | 12  | SEPR  | 13  | SIVB | 12  |
| PKI  | 12  | PPH  | 12  | PWRD | 12  | RDN   | 12  | RNVS | 12  | S     | 22  | SERO  | 12  | SJM  | 12  |
| PKX  | 12  | PPL  | 12  | PX   | 12  | RDS/A | 12  | RNWK | 12  | SA    | 12  | SF    | 12  | SKF  | 17  |
| PLA  | 12  | PPS  | 12  | PXD  | 12  | RDY   | 12  | ROCK | 12  | SAF   | 12  | SFD   | 17  | SKIL | 12  |
| PLAB | 12  | PQ   | 12  | PXN  | 12  | RE    | 12  | ROG  | 12  | SAFM  | 12  | SFG   | 12  | SKM  | 12  |
| PLCE | 12  | PRAA | 12  | PXP  | 17  | RECN  | 12  | ROH  | 12  | SAH   | 12  | SFI   | 12  | SKS  | 12  |
| PLCM | 12  | PRE  | 12  | PZZA | 12  | REDF  | 12  | ROK  | 12  | SAI   | 12  | SFL   | 12  | SKX  | 12  |
| PLD  | 12  | PRFT | 12  | Q    | 12  | REFR  | 12  | ROLL | 12  | SAIA  | 12  | SFUN  | 12  | SKYW | 12  |
| PLL  | 12  | PRGN | 12  | QCOM | 22  | REGN  | 12  | ROP  | 12  | SAP   | 17  | SFY   | 12  | SLAB | 13  |
| PLLL | 12  | PRGO | 12  | QCOR | 12  | RES   | 12  | ROSE | 12  | SAPE  | 12  | SGEN  | 12  | SLB  | 22  |
| PLQ  | 12  | PRGS | 12  | QDEL | 12  | REXI  | 12  | ROST | 12  | SAY   | 12  | SGMO  | 12  | SLE  | 12  |
| PLT  | 12  | PRKR | 12  | QGEN | 12  | REXX  | 12  | RRC  | 13  | SBAC  | 12  | SGMS  | 12  | SLG  | 12  |
| PLUG | 12  | PRSP | 12  | QI   | 12  | RF    | 17  | RRD  | 12  | SBGI  | 12  | SGP   | 17  | SLGN | 12  |
| PLXS | 12  | PRST | 12  | QID  | 22  | RFMD  | 12  | RRGB | 12  | SBIB  | 12  | SGR   | 12  | SLM  | 17  |
| PM   | 22  | PRU  | 17  | QLD  | 12  | RGA   | 12  | RRI  | 12  | SBLK  | 12  | SGU   | 12  | SLT  | 12  |
| PMC  | 12  | PRX  | 12  | QLGC | 13  | RGC   | 12  | RS   | 12  | SBNY  | 12  | SGY   | 12  | SLW  | 17  |
| PMCS | 13  | PRXI | 12  | QLTI | 12  | RGLD  | 12  | RSH  | 13  | SBS   | 12  | SHFL  | 12  | SLXP | 12  |
| PMI  | 12  | PRXL | 12  | QMAR | 12  | RGNC  | 12  | RSO  | 12  | SBUX  | 17  | SHI   | 12  | SM   | 12  |
| PMTC | 12  | PSA  | 12  | QQQQ | 22  | RGR   | 12  | RSTI | 12  | SCG   | 12  | SHLD  | 22  | SMA  | 12  |
| PMTI | 12  | PSD  | 12  | QSFT | 12  | RGS   | 12  | RSX  | 12  | SCHN  | 12  | SHLM  | 12  | SMG  | 12  |
| PNC  | 17  | PSS  | 12  | QSII | 12  | RHD   | 12  | RSYS | 12  | SCHS  | 12  | SHOO  | 12  | SMH  | 22  |
| PNCL | 12  | PSSI | 12  | QXM  | 12  | RHI   | 12  | RT   | 12  | SCHW  | 15  | SHPGY | 12  | SMI  | 12  |



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| Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ | Sym  | MNQ |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
| SMN  | 12  | SPC  | 12  | STI  | 22  | SY   | 12  | TEVA | 17  | TMA  | 12  | TSCO | 12  | UAUA | 22  |
| SMP  | 12  | SPF  | 13  | STJ  | 14  | SYK  | 13  | TEX  | 14  | TMO  | 12  | TSFG | 12  | UB   | 12  |
| SMRT | 12  | SPG  | 12  | STKL | 12  | SYKE | 12  | TFSL | 12  | TMRK | 12  | TSL  | 17  | UBB  | 12  |
| SMS  | 12  | SPH  | 12  | STLD | 15  | SYMC | 15  | TFX  | 12  | TMW  | 12  | TSM  | 12  | UBS  | 22  |
| SMSC | 12  | SPHU | 12  | STM  | 12  | SYNA | 15  | TGA  | 12  | TMX  | 12  | TSN  | 17  | UDN  | 12  |
| SMSI | 12  | SPLS | 17  | STMP | 12  | SYNO | 12  | TGI  | 12  | TNB  | 12  | TSO  | 22  | UDR  | 12  |
| SMTC | 12  | SPN  | 12  | STO  | 12  | SYNT | 12  | TGIC | 12  | TNE  | 12  | TSRA | 17  | UEF  | 12  |
| SMTL | 12  | SPNC | 12  | STP  | 19  | SYT  | 12  | TGP  | 12  | TNL  | 12  | TSS  | 12  | UEPS | 12  |
| SMTS | 12  | SPR  | 12  | STR  | 12  | SYX  | 12  | TGT  | 22  | TNP  | 12  | TTC  | 12  | UFS  | 12  |
| SNA  | 12  | SPRT | 12  | STRA | 12  | SYX  | 14  | THC  | 13  | TNS  | 12  | TTEC | 12  | UGA  | 12  |
| SNCR | 12  | SPSS | 12  | STT  | 17  | T    | 22  | THE  | 12  | TOL  | 17  | TTEK | 12  | UGI  | 12  |
| SNDA | 13  | SPSX | 12  | STV  | 12  | TACT | 12  | THG  | 12  | TOMO | 12  | TTI  | 12  | UHAL | 12  |
| SNDK | 22  | SPTN | 12  | STX  | 17  | TAN  | 12  | THI  | 12  | TOPS | 12  | TTM  | 12  | UHS  | 12  |
| SNE  | 12  | SPW  | 12  | STXS | 12  | TAP  | 12  | THO  | 12  | TOT  | 12  | TUES | 12  | UIS  | 12  |
| SNIC | 12  | SPWR | 19  | STZ  | 12  | TASR | 12  | THOR | 12  | TPP  | 12  | TUNE | 12  | ULBI | 12  |
| SNMX | 12  | SPY  | 22  | SU   | 17  | TAXI | 12  | THQI | 12  | TPX  | 12  | TUP  | 12  | UMPQ | 12  |
| SNP  | 17  | SQM  | 12  | SUF  | 12  | TBH  | 12  | THRX | 12  | TQNT | 12  | TUTR | 12  | UN   | 12  |
| SNPS | 13  | SRCL | 12  | SUG  | 12  | TBI  | 12  | THS  | 12  | TRA  | 17  | TV   | 12  | UNFI | 12  |
| SNRR | 12  | SRDX | 12  | SUN  | 17  | TBL  | 12  | TIBX | 12  | TRAD | 12  | TWB  | 12  | UNG  | 17  |
| SNS  | 12  | SRE  | 12  | SUNH | 12  | TBSI | 12  | TIE  | 15  | TRAK | 12  | TWC  | 12  | UNH  | 22  |
| SNTA | 12  | SRM  | 12  | SUP  | 12  | TCB  | 12  | TIF  | 17  | TRE  | 12  | TWGP | 12  | UNM  | 12  |
| SNUS | 12  | SRP  | 12  | SUPG | 12  | TCK  | 12  | TIN  | 12  | TRGL | 12  | TWI  | 12  | UNP  | 22  |
| SNV  | 12  | SRS  | 12  | SUPX | 12  | TCLP | 12  | TINY | 12  | TRI  | 12  | TWM  | 12  | UNS  | 12  |
| SNWL | 12  | SRX  | 12  | SVNT | 17  | TCM  | 12  | TIP  | 12  | TRID | 13  | TWP  | 12  | UNT  | 12  |
| SNY  | 12  | SRZ  | 12  | SVR  | 12  | TD   | 12  | TITN | 12  | TRK  | 12  | TWTC | 12  | UNTD | 12  |
| SO   | 12  | SSCC | 12  | SVU  | 12  | TDC  | 12  | TIV  | 12  | TRLG | 12  | TWTI | 12  | UPL  | 17  |
| SOA  | 12  | SSD  | 12  | SVVS | 12  | TDG  | 12  | TIVO | 12  | TRMA | 12  | TWX  | 17  | UPS  | 22  |
| SOAP | 12  | SSI  | 12  | SWC  | 12  | TDS  | 12  | TJX  | 12  | TRMB | 12  | TX   | 12  | URBN | 17  |
| SOHU | 17  | SSL  | 12  | SWH  | 12  | TDW  | 13  | TK   | 12  | TRMP | 12  | TXCO | 12  | URI  | 12  |
| SOL  | 17  | SSO  | 12  | SWHC | 12  | TDY  | 12  | TKLC | 12  | TRMS | 12  | TXI  | 12  | URRE | 12  |
| SOLF | 17  | SSP  | 12  | SWIM | 12  | TE   | 12  | TKR  | 12  | TRN  | 12  | TXN  | 22  | URS  | 12  |
| SON  | 12  | SSRI | 12  | SWIR | 12  | TECD | 12  | TLAB | 16  | TROW | 12  | TXRH | 12  | USB  | 22  |
| SONC | 12  | SSRX | 12  | SWK  | 12  | TECH | 12  | TLB  | 13  | TRV  | 12  | TXT  | 12  | USG  | 16  |
| SONE | 12  | SSW  | 12  | SWKS | 12  | TEG  | 12  | TLGD | 12  | TRW  | 12  | TYC  | 12  | USMO | 12  |
| SONO | 12  | SSYS | 12  | SWN  | 17  | TEL  | 12  | TLK  | 12  | TRX  | 12  | TZIX | 12  | USO  | 22  |
| SONS | 13  | STAR | 12  | SWY  | 13  | TEN  | 12  | TLM  | 16  | TRY  | 12  | TZOO | 12  | USS  | 12  |
| SORL | 12  | STE  | 12  | SXL  | 12  | TER  | 14  | TLT  | 17  | TS   | 12  | UA   | 17  | UST  | 13  |
| SOV  | 12  | STEC | 12  | SXT  | 12  | TESO | 12  | TM   | 12  | TSCM | 12  | UAM  | 12  | USU  | 12  |

Maximum Number of Quoters (“MNQ”) in Equity Options  
 July 2008

| Sym   | MNQ | Sym   | MNQ | Sym  | MNQ | Sym   | MNQ | Sym  | MNQ | Sym  | MNQ |
|-------|-----|-------|-----|------|-----|-------|-----|------|-----|------|-----|
| UTEK  | 12  | VLTR  | 12  | WBMD | 12  | WMS   | 12  | X    | 22  | ZBRA | 12  |
| UTH   | 12  | VLV   | 12  | WBS  | 12  | WMT   | 22  | XCO  | 17  | ZEUS | 12  |
| UTHR  | 12  | VM    | 12  | WBSN | 12  | WNC   | 12  | XEC  | 12  | ZGEN | 12  |
| UTI   | 12  | VMC   | 13  | WCC  | 12  | WNR   | 17  | XEL  | 12  | ZIGO | 12  |
| UTIW  | 12  | VMED  | 12  | WCG  | 12  | WOLF  | 12  | XFML | 12  | ZION | 17  |
| UTSI  | 13  | VMI   | 12  | WCI  | 12  | WOOF  | 12  | XHB  | 22  | ZIXI | 12  |
| UTX   | 17  | VMW   | 19  | WCRX | 12  | WOR   | 12  | XIDE | 12  | ZLC  | 12  |
| UUP   | 12  | VNDA  | 12  | WDC  | 17  | WPI   | 12  | XIN  | 12  | ZMH  | 13  |
| UVV   | 12  | VNO   | 12  | WDR  | 12  | WPL   | 12  | XING | 12  | ZNH  | 12  |
| UWM   | 12  | VOD   | 12  | WEC  | 12  | WPP   | 12  | XJT  | 12  | ZOLL | 12  |
| UXG   | 12  | VOL   | 12  | WEN  | 12  | WPPGY | 12  | XL   | 12  | ZOLT | 13  |
| UYG   | 17  | VOLVY | 12  | WERN | 12  | WPZ   | 12  | XLB  | 22  | ZQK  | 12  |
| V     | 22  | VPHM  | 12  | WFC  | 22  | WRB   | 12  | XLE  | 22  | ZRAN | 12  |
| VAL   | 12  | VPRT  | 12  | WFMI | 17  | WRC   | 12  | XLF  | 22  | ZUMZ | 12  |
| VAR   | 12  | VQ    | 12  | WFR  | 17  | WRE   | 12  | XLI  | 12  | ZVT  | 12  |
| VARI  | 12  | VRGY  | 12  | WFSL | 12  | WRES  | 12  | XLK  | 17  | ZZ   | 12  |
| VC    | 12  | VRNM  | 12  | WFT  | 17  | WRSP  | 12  | XLNX | 17  |      |     |
| VCI   | 12  | VRSN  | 17  | WG   | 12  | WSH   | 12  | XLP  | 12  |      |     |
| VCLK  | 15  | VRTX  | 14  | WGO  | 12  | WSM   | 17  | XLU  | 17  |      |     |
| VDSI  | 12  | VRX   | 12  | WGOV | 12  | WSO   | 12  | XLV  | 12  |      |     |
| VECO  | 12  | VSCN  | 12  | WHI  | 12  | WST   | 12  | XLY  | 17  |      |     |
| VEU   | 12  | VSE   | 12  | WHR  | 15  | WTFC  | 12  | XME  | 12  |      |     |
| VFC   | 12  | VSEA  | 12  | WIN  | 12  | WTI   | 12  | XMSR | 17  |      |     |
| VGK   | 12  | VSH   | 13  | WIND | 12  | WTNY  | 12  | XNPT | 12  |      |     |
| VIA   | 12  | VTAL  | 12  | WINN | 12  | WTR   | 12  | XOM  | 22  |      |     |
| VIA/B | 12  | VTIV  | 12  | WIRE | 12  | WTS   | 12  | XRAY | 12  |      |     |
| VICL  | 12  | VTR   | 12  | WIT  | 12  | WTW   | 12  | XRIT | 12  |      |     |
| VICR  | 12  | VVI   | 12  | WL   | 12  | WU    | 12  | XRM  | 12  |      |     |
| VIGN  | 12  | VVTV  | 12  | WLK  | 12  | WW    | 12  | XRTX | 12  |      |     |
| VIMC  | 12  | VVUS  | 12  | WLL  | 12  | WWE   | 12  | XRX  | 13  |      |     |
| VIP   | 12  | VZ    | 17  | WLP  | 17  | WWW   | 12  | XTEX | 12  |      |     |
| VIRL  | 12  | WAB   | 12  | WLT  | 17  | WWY   | 12  | XTO  | 22  |      |     |
| VISN  | 12  | WABC  | 12  | WM   | 22  | WX    | 12  | XXIA | 12  |      |     |
| VIVO  | 12  | WAG   | 17  | WMAR | 12  | WXS   | 12  | YGE  | 17  |      |     |
| VLCCF | 12  | WAT   | 12  | WMB  | 17  | WY    | 17  | YHOO | 22  |      |     |
| VLCM  | 12  | WB    | 22  | WMG  | 12  | WYE   | 22  | YRCW | 17  |      |     |
| VLCY  | 12  | WBC   | 12  | WMGI | 12  | WYN   | 12  | YUM  | 14  |      |     |
| VLO   | 22  | WBD   | 12  | WMI  | 12  | WYNN  | 17  | YZC  | 12  |      |     |