



**Palo Verde
Nuclear Generating Station**
5801 S. Wintersburg Road
Tonopah, AZ 85354

102-07366-TNW/MDD
October 26, 2016

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

**Subject: Palo Verde Nuclear Generating Station (PVNGS) Unit 1
Docket No. STN 50-528
License No. NPF-41
Steam Generator Tube Inspection Report - Refueling Outage 19**

Attached please find the PVNGS Unit 1 Steam Generator Tube Inspection Report prepared and submitted by Arizona Public Service Company (APS) pursuant to Technical Specification (TS) Reporting Requirement 5.6.8. This report describes steam generator tube inspection and plugging results from the Unit 1 nineteenth refueling outage.

By copy of this letter, this submittal is being provided to the NRC Region IV Administrator and the PVNGS Senior Resident Inspector. No commitments are being made to the NRC by this letter.

Should you have questions regarding this submittal, please contact Michael D. DiLorenzo, Licensing Section Leader, at (623) 393-3495.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas N. Weber'.

Thomas N. Weber
Nuclear Regulatory Affairs Department Leader
TNW/MDD/CJS/af

Attachment
cc: (with attachment)

| | |
|---------------|---|
| K. M. Kennedy | NRC Region IV Regional Administrator |
| S. P. Lingam | NRC NRR Project Manager for PVNGS |
| C. A. Peabody | NRC Senior Resident Inspector for PVNGS |

ADD
NRR

Attachment

Unit 1 – 19th Refueling Outage Steam Generator Tube Inspection Report



Palo Verde Nuclear Generating Station

UNIT 1

U1R19

ARIZONA PUBLIC SERVICE

P. O. BOX 52034

PHOENIX, AZ 85072

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Date: 7-27-16

Date: _____

Report Date: _____

Commercial Service Date: 1-28-86

Table of Contents

| | |
|-----|---------------------------------|
| 1.0 | SUMMARY |
| 2.0 | SCOPE OF EXAMINATIONS PERFORMED |
| 3.0 | ACTIVE DEGRADATION MECHANISMS |
| 4.0 | NDE TECHNIQUES UTILIZED |
| 5.0 | INDICATION SUMMARY |
| 6.0 | TUBES PLUGGED |
| 7.0 | PLUG HISTORY |
| 8.0 | CONDITION MONITORING |

APPENDIX A - TUBE SUPPORT DIAGRAM, LEGEND, and ANALYSIS CODES

APPENDIX B - SG 11 SUMMARY DATA SHEETS

APPENDIX C - SG 12 SUMMARY DATA SHEETS

APPENDIX D - PLI and PLP DATA SHEETS

APPENDIX E - PLUG MAPS

APPENDIX F - FORM NIS - 1

UNIT 1

STEAM GENERATOR EDDY CURRENT

U1 R19 Refueling Outage

1.0 Summary

This report is intended to satisfy the requirements of PVNGS Technical Specifications 5.6.8 for the submittal of a Steam Generator Tube Inspection Report. The steam generator (SG) eddy current examination for the 19th refueling outage in Unit 1 (U1R19) was conducted during April 2016. Mode 4 entry of Unit 1 was entered on May 10, 2016. The initial examination plan for both steam generators is listed in Table 1. This table summarizes the examinations performed for each of the various categories, examination types, extents, and the number of tubes or tube locations completed. This was the fifth examination performed in Unit 1 following steam generator replacement in U1R12. This examination is considered a 100% full length tubing inspection.

The examinations resulted in a total of **23** tubes being plugged in SG 11, and **23** tubes being plugged in SG 12. A description of the previous plugging history is noted in Table 2, and Appendix E provides a map of all tubes plugged. It should be noted that the plugging criteria utilized during this outage again supports 2 cycles of operation (next scheduled eddy current examinations are for R21).

2.0 Scope of Examinations Performed

The original examination plan was developed based on the "PVNGS Steam Generator Degradation Assessment" developed per PVNGS Procedure 81DP-9RC01 as required by NEI 97-06. In addition, possible damage mechanisms were reviewed along with the specific requirements set forth in Procedure 73TI-9RC01 and the PVNGS Technical Specifications. The plan was finalized to include 100% bobbin examinations.

This original plan, along with the examinations performed as a result of bobbin indications noted, is summarized in Table 1 of this report.

3.0 Active Degradation Mechanisms

The only degradation noted during the examinations was determined to be wear. Section 8.0 contains further discussions relating to this mechanism. Table 2 summarizes the results into categories and Appendices B and C itemize all indications reported.

4.0 NDE Techniques Utilized

The following table documents the eddy current techniques utilized during this outage:

| BOBBIN Examinations | | | | | | | | |
|---------------------|----------------------------|-------------|----------------------------|------------------------|--------|---------|-----------|----------|
| Damage Mechanism | Location | ETSS NO | QUAL STATUS | Extended Applicability | BC DET | BC SIZE | TECH | Comments |
| Wear | BWs, VSs, ECs (not dented) | 96004.1 R13 | SITE VALIDATED Appendix A1 | Tube Proximity | Y | Y | Volt DIFF | *Note 1 |
| Tube-to-Tube Wear | Freespan Upper Bundle | 13091.1 R0 | QUALIFIED Appendix B1 | NA | Y | NA | Volt ABS | *Note 1 |
| Wear | Loose Part | 27091.2 R2 | QUALIFIED Appendix C1 | Tubesheet Transition | Y | N | Volt DIFF | *Note 1 |

| ARRAY Examinations | | | | | | | | |
|--------------------|---------------|--------------------------|----------------------------|------------------------|-----|------|---------|----------|
| Damage Mechanism | Location | ETSS NO | QUAL STATUS | Extended Applicability | DET | SIZE | TECH | Comments |
| Wear | BWs, ECs, VSs | 11956.3 R2 11956.4 R2 | SITE VALIDATED Appendix D1 | NA | Y | Y | X-Probe | *Note 1 |

| RPC Examinations | | | | | | | | |
|------------------|-------------------------------------|--------------|-------------|------------------------|-----|------|--------|----------|
| Damage Mechanism | Location | ETSS NO | QUAL STATUS | Extended Applicability | DET | SIZE | TECH | Comments |
| Wear | BWs, ECs, VSs | 96910.1 | QUALIFIED | NA | NA | Y | +POINT | none |
| Wear | Tube-to-Tube | 21998.1 | QUALIFIED | NA | NA | Y | +POINT | none |
| Wear Note 7 | Freespan Loose Part Tube-to-Tube | 2790x Series | QUALIFIED | NA | NA | Y | +POINT | *Note 1 |

Note 1: The U1R19 DA provides details for the qualification and use of these techniques

The eddy current examinations were performed by Westinghouse Electric Company using the Core Star OMNI 200 eddy current instrument. Westinghouse Anser software was utilized to acquire the data along with the Pegasys robotic manipulator. This robot was configured with a dual guide tube in each of the hot and cold legs.

The tubing was examined with Core Star manufactured bobbin coil probes and Zetec array (X-Probe) and rotating coil (RC) style probes. Probe diameters were 0.580" to 0.610". X-Probe and/or Plus Point RC probes were used for the characterization of non-quantifiable or distorted bobbin indications.

Fiber optic cable was used from containment to the data acquisition room located at the PVNGS North Annex. Primary and secondary analysis was all performed on site. The Primary and Secondary Resolution Analysts, Independent Review Analysts, and data management were also located at PVNGS in the North Annex. Westinghouse provided the data acquisition and primary data analysis. Areva International, Inc. provided the secondary data analysis.

Each individual from Westinghouse and Areva International, Inc. who performed data analysis was required to complete and pass a PVNGS site specific Eddy Current Data Analysis Course as well as an associated performance and written examination. All individuals performing data analysis were also required to have Qualified Data Analyst (QDA) certification.

5.0 Indication Summary

A detailed listing of the location and measured sizes (when applicable) of the eddy current indications recorded is included in Appendix B and C. A summary of these indication results is located in Table 2. In addition, Appendix A contains a reference drawing of steam generator support locations and report legend.

Appendix D contains a listing of the possible loose part (PLP) indications that were confirmed with rotating coil examinations. Note Section 8.0 for further discussion on the PLPs.

There were no indications that were identified as linear during this outage.

6.0 Tubes Plugged

A summary of the tubes plugged is located in Table 2. A total of 23 tubes in SG 11 and 23 tubes in SG 12 were plugged this outage.

Appendix E contains a map that details the plugged tube location along with the previously plugged tubes.

7.0 Plug History

A summary of the number and percentage of tubes plugged is also located in Table 2.

8.0 Condition Monitoring

Tube Inspection Summary

Per the Steam Generator Program, as defined in PVNGS Procedure 81DP-9RC01, a condition monitoring evaluation was conducted by PVNGS Engineering. The results of the eddy current examinations are provided in Section 5.0. An engineering evaluation of the as-found condition of inservice tubes did not reveal any degradation exceeding the threshold values for structural and leakage integrity. As such, all steam generator performance criteria were satisfied for Unit 1 Cycles 18 and 19. No tube pulls or in-situ pressure testing were required based on the results of the examinations.

Foreign Object Search and Retrieval (FOSAR)

Prior to and after sludge lancing activities, FOSAR was performed at the tubesheet elevation in the annulus region and the blowdown lane. The applicable requirements of Revision 3 of the EPRI Steam Generator Integrity Assessment Guidelines Section 10.5, Secondary Side Visual Inspections, were applied for the FOSAR inspections. FOSAR was also performed on the Flow Distribution Plate (FDP). No foreign object wear was found in either steam generator 11 or 12. Following is a summary of the foreign objects that were identified in each SG. Sludge rocks and scale and graphite are not discussed, since they are not considered as a threat to tube integrity.

SG11 -Foreign object Summary

Three foreign objects were found during FOSAR in SG 11. The first object was identified during the pre-sludge lance inspection. The object was found near tube R166C89 on the top of the tubesheet cold leg side and was removed via sludge lancing. No tube wear was associated with this object. The second object was a very small bristle that was identified on the top of the tubesheet hot leg side during an in bundle inspection of the kidney region. No tube wear was associated with this object. Due to its size and location in bundle, the object is not judged to be a threat to tube integrity. The third object was identified several tube columns away from the annulus near tubes R61C190, R63C190, R65C190 and R67C190 on the top of the tubesheet cold leg side and was sized with dimensions of 2.25 inches by 0.116 inches by 0.25 inches. No tube wear was associated with this object. Eddy current testing (+point and X probe) was performed in the vicinity of the object it was determined that the object is non-metallic. Based on the location of the object, it is not considered to be in a high flow region and is not judged to be a threat to tube integrity. Per the PVNGS SG Program, trending of these locations will continue in future outages.

SG12 -Foreign object Summary

The only foreign objects found in SG12 were some very small bristles found far in bundle on the top of the tubesheet hot leg side. The bristles were found during a partial in bundle inspection of the kidney region. Due to their size and location, these objects are not judged to be a threat to tube integrity. Per the PVNGS SG Program, trending of these locations will continue in future outages.

Blowdown Patch Plate Weld Inspection Summary

Also included in the scope of the FOSAR effort was an inspection of the blowdown patch plate welds in SG11 and SG12 that were found to be cracked in Unit 2 during 2R15. The inspections confirmed that the weld material in the vicinity of the cracked weld on all 4 patch plates (2 per SG) is intact, and a loose parts concern is not being created. A previous evaluation concluded that, with the presence of the cracked welds, the patch plates in the Unit 2 SGs will continue to perform their design function and that the probability of loose parts being formed is remote. Thus, there is a very

low risk that the cracked welds will affect the structural or leakage integrity of tubes in these steam generators.

Sludge Lancing Summary

Sludge Lancing was performed in 1R19. Little sludge was observed in the tubesheet annulus region and in the blowdown lane of both SGs. A total of 19 lbs of sludge was removed from SG 11 and 15.5 lbs of sludge was removed from SG 12.

Plug Inspections Summary

The EPRI *PWR Steam Generator Examination Guidelines* require that a visual inspection of the previously installed steam generator plugs be performed to assess plug integrity. Additionally, the Examination Guidelines require a verification of the location and presence of existing in-service plugs. The conduct of the plug location and integrity verification was performed in 1R19 per the applicable procedure. A review of the inspection results indicated that all plugs were accounted for and no evidence of potential plug leakage was identified.

Channel Head Inspection Summary

A channel head inspection was also performed in response to Westinghouse Engineering Nuclear Safety Advisory Letter (NSAL) 12-1, dated January 5, 2012. The inspection identified no degradation.

TABLE 1
EXAMINATION SUMMARY

| SCOPE DESCRIPTION | | SG 11 | SG 12 |
|-----------------------|---------|-------|-------|
| Exam Description | Extents | Scope | Scope |
| FULL LENGTH BOBBIN | TEC-TEH | 11938 | 10682 |
| COLD LEG BOBBIN | TEC-VS3 | 554 | 1791 |
| HOT LEG BOBBIN | TEH-VS3 | 554 | 1791 |
| | | | |
| HOT LEG ARRAY | VARIOUS | 262 | 341 |
| COLD LEG ARRAY | VARIOUS | 111 | 94 |
| | | | |
| HOT LEG RC | VARIOUS | 20 | 16 |
| COLD LEG RC | VARIOUS | 15 | 6 |
| | | | |

Notes:

1. ARRAY probe technology utilized the X-Probe
2. RC-rotating coil examinations were performed for historical comparisons

TABLE 2
INDICATION SUMMARY

| DAMAGE MECHANISM | STEAM GENERATOR 11 | | | | | STEAM GENERATOR 12 | | | | |
|--|-----------------------|-------------|-----|-----|----|-----------------------|-------------|-----|-----|----|
| | Tubes | Indications | BW | VS | EC | Tubes | Indications | BW | VS | EC |
| WEAR | | | | | | | | | | |
| 1% - 19% | 561 | 605 | 324 | 219 | 62 | 577 | 624 | 265 | 293 | 66 |
| 20% - 29% | 53 | 55 | 34 | 15 | 6 | 37 | 40 | 18 | 20 | 2 |
| 30% - 39% | 5 | 5 | 4 | 1 | 0 | 4 | 4 | 3 | 1 | 0 |
| ≥ 40% | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 0 | 0 |
| PLUGGED | (23) | | | | | (23) | | | | |
| Possible Loose Parts (Array Coil) | | | | | | | | | | |
| PLI | 0 | | | | | 0 | | | | |
| PLP | 6 | | | | | 1 | | | | |
| PLUGGED | (0) | | | | | (0) | | | | |
| PREVENTATIVE | (0) | | | | | (0) | | | | |
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| PLUGGED | (23) | | | | | (23) | | | | |
| TOTAL PLUGGED / % | (111 / 0.9%) | | | | | (130 / 1.0%) | | | | |

NOTES:

1. Numbers in (X) are tubes numbers plugged in each category
2. The "Tubes" column above represents Bobbin Coil results for the number of tubes; using the largest wear indication
3. The "Indications" column above represents Bobbin Coil results for the number of wear indications

LEGEND:

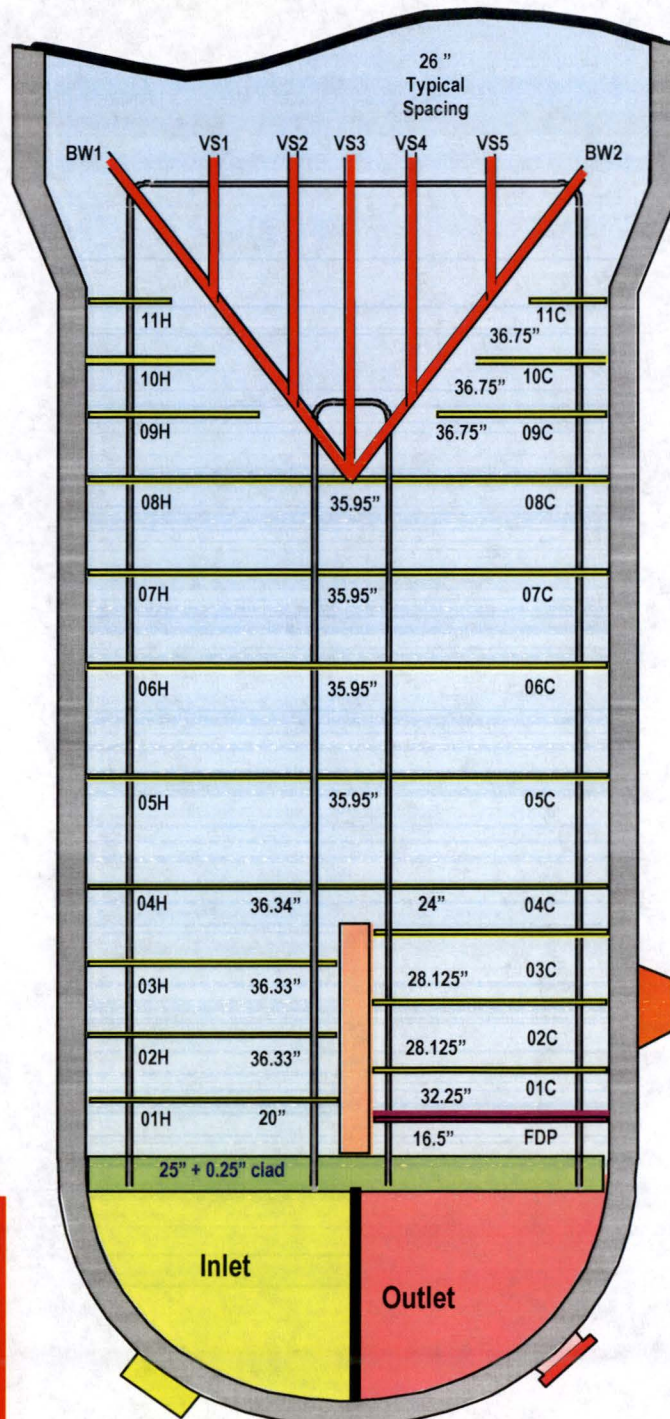
BW – batwing
VS – vertical strap
EC – eggcrate

APPENDIX A

**TUBE SUPPORT DIAGRAM,
LEGEND, and ANALYSIS CODES**

PVNGS Steam Generator

REPLACEMENTS



Center of 08H to 08C

- Row 1 - 17.415
- Row 2 - 19.736
- Row 3 - 22.056
- Row 4 - 24.377
- Row 5 - 26.698
- Row 6 - 29.019

LEGEND

| | |
|----------------|---|
| ROW: | Indicates the row number of a given tube. |
| COL: | Indicates the column number of a given tube. |
| VOLTS: | Indicates the peak-to-peak voltage of a given indication response. |
| DEG: | The measured phase angle of a given indication response. |
| IND: | Indicates the analysis code or PCT for percent |
| PER or PCT: | The percent through the tube wall of a given indication |
| CHN: | Indicates the channel used to make the call |
| LOCN: | Gives indication location at INCH1 to INCH2 relative to known landmarks such as supports, vertical straps, and batwings. Typical location codes are as follows: |
| | #1 Vertical StrapVS1 |
| | #1 BatwingBW1 |
| | #1 Support Plate in Hot Leg01H |
| | #7 Support Plate in Cold Leg07C |
| | Top Tube Sheet Cold LegTSC |
| | Tube End Hot LegTEH |
| | Tube End Cold LegTEC |
| CRLN: | Indicates the flaw length, used to identify the length of a wear indication |
| CRWID: | Indicates the flaw width, typically used for cracks only |
| CEG: | Indicates the flaw length, typically used for cracks only |
| BEGT and ENDT: | Indicates the beginning and of the test; together they document the examination extent |
| PDIA: | Documents the probe diameter |
| PTYPE: | Documents the probe type |
| CAL: | Indicates calibration number |
| L: | Indicates the leg the examination was conducted from |
| COM: | This comment field is utilized to document comments |

Analysis Codes:

| | |
|--|-----|
| Absolute Drift | ADI |
| Bulge | BLG |
| Dented Buff Mark | DBM |
| Deposit | DEP |
| Dent..... | DNT |
| Data Quality Acceptance..... | DQA |
| Distorted Support Signal With Indication..... | DSI |
| Distorted Top of Tubesheet With Indication | DTI |
| Geometric Indication..... | GEO |
| History Review | HR |
| ID Chatter..... | IDC |
| Indication Not Found | INF |
| Indication Not Reportable | INR |
| Multiple Axial Indication..... | MAI |
| Manufacturer Burnishing Mark..... | MBM |
| Multiple Volumetric Indication..... | MVI |
| No Detectable Defect | NDD |
| No Discontinuity Found..... | NDF |
| Non-Quantifiable Indication | NQI |
| No Tube Sheet Expansion..... | NTE |
| Obstructed | OBS |
| Over Expanded..... | EXP |
| Previous Bobbin Call | PBC |
| Possible Deposit..... | PDP |
| Positive Identification | PID |
| Positive Identification Verified | PIV |
| Possible Loose Part with Indication..... | PLI |
| Possible Loose Part | PLP |
| Previous RC Call..... | PRC |
| Possible Support Anomaly | PSA |
| Possible Support Indication | PSI |
| Permeability Variation Noise | PVN |
| Retest Bad Data..... | RBD |
| Retest Identification Check | RIC |
| Retest with Magnetic Bias RC Probe..... | RMB |
| Single Volumetric Indication | SVI |
| Senior (Lead) Analysis Review | SR |
| Sludge | SLG |
| To Be Plugged..... | TBP |
| Volumetric Indication | VOL |

Quality Codes:

| | |
|---|-----|
| Cross talk | QCT |
| Insufficient extent tested | QET |
| Sudden drift of signal base line..... | QDO |
| Less than the required samples | QDR |
| Quality issue for ADS or RTAA | QDS |
| System out of balance | QOS |
| Spiking or parasitic noise..... | QPN |
| One or more required channels without signal..... | QPS |
| Saturated signals in the tube..... | QSS |
| Probe speed varies..... | QSV |
| Historical indications not present..... | QPV |
| Tube number in question..... | QTI |

APPENDIX B

STEAM GENERATOR 11

SUMMARY DATA SHEETS

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 48 | 9 | .28 | 83 | PCT | 10 | | P2 | VS3 | -.81 | | TEH | TEC | .610 | SBAY2 | 204 | C | 228 | | |
| 48 | 13 | .11 | 90 | DSI | | | P1 | 09C | -.43 | | TEH | TEC | .610 | SBAY2 | 204 | C | 184 | | |
| 50 | 13 | .35 | 78 | PCT | 12 | | P2 | VS3 | -.81 | | TEH | TEC | .610 | SBAY2 | 204 | C | 185 | | |
| 52 | 13 | .27 | 78 | PCT | 10 | | P2 | VS3 | -.93 | | TEH | TEC | .610 | SBAY2 | 204 | C | 186 | | |
| 33 | 14 | .27 | 147 | PCT | 10 | | P2 | VS3 | -.83 | | TEH | TEC | .610 | SBAY2 | 204 | C | 160 | | |
| 61 | 14 | .30 | 25 | PCT | 10 | | P2 | BW2 | .83 | | TEH | TEC | .610 | SBAY2 | 204 | C | 146 | | |
| 63 | 14 | .47 | 70 | PCT | 15 | | P2 | VS4 | 1.04 | | TEH | TEC | .610 | SBAY2 | 204 | C | 145 | | |
| 83 | 16 | .29 | 62 | PCT | 10 | | P2 | VS3 | 1.01 | | TEH | TEC | .610 | SBAY2 | 201 | C | 56 | | |
| 83 | 16 | .43 | 63 | PCT | 13 | | P2 | BW2 | -.78 | | TEH | TEC | .610 | SBAY2 | 201 | C | 56 | | |
| 28 | 17 | .32 | 156 | PCT | 11 | | P2 | VS3 | -.70 | | TEH | TEC | .610 | SBAY2 | 204 | C | 125 | | |
| 67 | 18 | .33 | 86 | PCT | 11 | | P2 | BW2 | .96 | | TEH | TEC | .610 | SBAY2 | 204 | C | 8 | | |
| 79 | 18 | .27 | 116 | PCT | 10 | | P2 | BW1 | 1.03 | | TEH | TEC | .610 | SBAY2 | 202 | C | 78 | | |
| 98 | 19 | .31 | 145 | PCT | 10 | | P2 | BW2 | -.87 | | TEH | TEC | .610 | SBAY2 | 203 | C | 26 | | |
| 55 | 20 | .29 | 60 | PCT | 10 | | P2 | BW1 | 1.88 | | TEH | TEC | .610 | SBAY2 | 203 | C | 47 | | |
| 30 | 21 | .27 | 136 | PCT | 10 | | P2 | VS3 | -.78 | | TEH | TEC | .610 | SBAY2 | 204 | C | 77 | | |
| 34 | 21 | .30 | 142 | PCT | 10 | | P2 | VS3 | -.75 | | TEH | TEC | .610 | SBAY2 | 204 | C | 79 | | |
| 36 | 21 | .47 | 106 | PCT | 15 | | P2 | VS3 | -.90 | | TEH | TEC | .610 | SBAY2 | 204 | C | 80 | | |
| 80 | 21 | .50 | 86 | PCT | 15 | | P2 | VS4 | 1.01 | | VS3 | TEC | .610 | NBAZ1 | 230 | C | 16 | | |
| 85 | 22 | .43 | 138 | PCT | 14 | | P2 | BW2 | .75 | | TEH | TEC | .610 | SBAY2 | 204 | C | 37 | | |
| 93 | 22 | .34 | 123 | PCT | 11 | | P2 | BW2 | .76 | | TEH | TEC | .610 | SBAY2 | 204 | C | 33 | | |
| 97 | 22 | .34 | 66 | PCT | 11 | | P2 | BW1 | .93 | | TEH | TEC | .610 | SBAY2 | 204 | C | 30 | | |
| 97 | 22 | .28 | 75 | PCT | 10 | | P2 | BW2 | .90 | | TEH | TEC | .610 | SBAY2 | 204 | C | 30 | | |
| 60 | 23 | .22 | 105 | PCT | 8 | | P2 | VS3 | -.68 | | VS3 | TEC | .610 | NBAZ1 | 229 | C | 11 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 70 | 23 | .30 | 87 | PCT | 12 | | P2 | VS2 | 1.00 | | VS3 | TEH | .610 | NBAZ1 | 35 | H | 5 | | |
| 90 | 23 | .27 | 57 | PCT | 12 | | P2 | VS2 | -.97 | | VS3 | TEH | .610 | NBAZ1 | 35 | H | 15 | | |
| 94 | 23 | .29 | 147 | PCT | 10 | | P2 | BW1 | -.84 | | TEC | TEH | .610 | SBAY2 | 26 | H | 47 | | |
| 61 | 24 | .28 | 133 | PCT | 12 | | P2 | VS2 | -.72 | | VS3 | TEH | .610 | NBAZ1 | 35 | H | 58 | | |
| 81 | 24 | .30 | 152 | PCT | 10 | | P2 | BW2 | .72 | | VS3 | TEC | .610 | NBAZ1 | 230 | C | 31 | | |
| 85 | 24 | .33 | 142 | PCT | 11 | | P2 | BW2 | .84 | | VS3 | TEC | .610 | NBAZ1 | 230 | C | 29 | | |
| 87 | 24 | .30 | 150 | PCT | 10 | | P2 | BW2 | .82 | | VS3 | TEC | .610 | NBAZ1 | 230 | C | 28 | | |
| 99 | 24 | .26 | 92 | PCT | 10 | | P2 | BW2 | .99 | | TEC | TEH | .610 | SBAY2 | 26 | H | 43 | | |
| 101 | 24 | .37 | 133 | PCT | 13 | | P2 | BW2 | 1.01 | | TEC | TEH | .610 | SBAY2 | 26 | H | 42 | | |
| 103 | 24 | .27 | 97 | PCT | 10 | | P2 | BW2 | .98 | | TEC | TEH | .610 | SBAY2 | 26 | H | 41 | | |
| 107 | 24 | .31 | 126 | PCT | 11 | | P2 | BW1 | 1.03 | | TEC | TEH | .610 | SBAY2 | 26 | H | 39 | | |
| 98 | 25 | .23 | 147 | PCT | 11 | | P2 | VS2 | .85 | | TEC | TEH | .610 | SBAY1 | 27 | H | 48 | | |
| 81 | 26 | .29 | 95 | PCT | 12 | | P2 | VS2 | .79 | | VS3 | TEH | .610 | NBAZ1 | 35 | H | 22 | | |
| 90 | 27 | .25 | 85 | PCT | 11 | | P2 | 10H | -.92 | | VS3 | TEH | .610 | NBAZ1 | 35 | H | 27 | | |
| 81 | 28 | .34 | 81 | PCT | 11 | | P2 | BW2 | .86 | | VS3 | TEC | .610 | NBAZ1 | 230 | C | 56 | | |
| 87 | 28 | .31 | 96 | PCT | 13 | | P2 | VS2 | .69 | | VS3 | TEH | .610 | NBAZ1 | 35 | H | 38 | | |
| 103 | 28 | .32 | 94 | PCT | 11 | | P2 | VS3 | -1.02 | | TEC | TEH | .610 | SBAY2 | 26 | H | 23 | | |
| 115 | 28 | .22 | 141 | PCT | 10 | | P2 | VS1 | .89 | | TEC | TEH | .610 | SBAY1 | 27 | H | 13 | | |
| 86 | 29 | .24 | 91 | PCT | 10 | | P2 | VS2 | .77 | | VS3 | TEH | .610 | NBAZ1 | 35 | H | 50 | | |
| 86 | 29 | .41 | 122 | PCT | 16 | | P2 | VS3 | .78 | | VS3 | TEH | .610 | NBAZ1 | 35 | H | 50 | | |
| 96 | 29 | .36 | 131 | PCT | 15 | | P2 | BW2 | -.77 | | TEC | TEH | .610 | SBAY1 | 27 | H | 29 | | |
| 106 | 29 | .23 | 128 | PCT | 11 | | P2 | VS2 | .78 | | TEC | TEH | .610 | SBAY1 | 27 | H | 34 | | |
| 106 | 29 | .21 | 129 | PCT | 10 | | P2 | VS4 | .74 | | TEC | TEH | .610 | SBAY1 | 27 | H | 34 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

Palo Verde 1 U1R19

PVNGS1 20160401

04/25/2016 08:22:19

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 112 | 29 | .31 | 83 | PCT | 11 | | P2 | BW2 | .74 | | TEC | TEH | .610 | SBAY2 | 26 | H | 13 | | |
| 118 | 29 | .31 | 95 | PCT | 11 | | P2 | BW2 | .86 | | TEC | TEH | .610 | SBAY2 | 22 | H | 236 | | |
| 31 | 30 | .26 | 114 | PCT | 9 | | P2 | VS3 | .81 | | TEH | TEC | .610 | SBAY2 | 211 | C | 79 | | |
| 45 | 30 | .21 | 69 | PCT | 8 | | P2 | BW1 | -.88 | | TEH | TEC | .610 | SBAY2 | 211 | C | 86 | | |
| 105 | 30 | .21 | 69 | PCT | 10 | | P2 | BW2 | -1.04 | | TEC | TEH | .610 | SBAY1 | 27 | H | 21 | | |
| 109 | 30 | .25 | 102 | PCT | 11 | | P2 | VS3 | -.95 | | TEC | TEH | .610 | SBAY1 | 27 | H | 19 | | |
| 48 | 31 | .31 | 154 | PCT | 10 | | P2 | BW1 | -1.09 | | TEH | TEC | .610 | SBAY2 | 213 | C | 87 | | |
| 56 | 31 | .34 | 136 | PCT | 10 | | P2 | BW1 | -1.54 | | TEH | TEC | .610 | SBAY2 | 213 | C | 83 | | |
| 12 | 33 | .26 | 153 | PCT | 9 | | P2 | 08H | .90 | | TEH | TEC | .610 | SBAY2 | 209 | C | 26 | | |
| 99 | 34 | .22 | 65 | PCT | 10 | | P2 | BW2 | 1.11 | | TEC | TEH | .610 | SBAY1 | 27 | H | 68 | | |
| 117 | 34 | .28 | 134 | PCT | 10 | | P2 | VS2 | -1.18 | | TEC | TEH | .610 | SBAY2 | 24 | H | 175 | | |
| 90 | 35 | .75 | 98 | PCT | 23 | | P2 | 10H | -1.00 | | VS3 | TEH | .610 | NBAZ1 | 37 | H | 195 | | |
| 109 | 36 | .63 | 114 | PCT | 18 | | P2 | VS2 | -.99 | | TEC | TEH | .610 | SBAY2 | 26 | H | 98 | | |
| 109 | 36 | .44 | 132 | PCT | 14 | | P2 | VS3 | .75 | | TEC | TEH | .610 | SBAY2 | 26 | H | 98 | | |
| 86 | 37 | .29 | 148 | PCT | 10 | | P2 | VS4 | -.84 | | VS3 | TEC | .610 | NBAZ1 | 231 | C | 15 | | |
| 116 | 37 | .22 | 31 | PCT | 10 | | P2 | BW1 | -.49 | | TEC | TEH | .610 | SBAY1 | 25 | H | 178 | | |
| 128 | 37 | .79 | 113 | PCT | 21 | | P2 | VS2 | .71 | | TEC | TEH | .610 | SBAY2 | 22 | H | 232 | | |
| 128 | 37 | .47 | 120 | PCT | 15 | | P2 | VS3 | .78 | | TEC | TEH | .610 | SBAY2 | 22 | H | 232 | | |
| 101 | 38 | .24 | 62 | PCT | 11 | | P2 | VS2 | .63 | | TEC | TEH | .610 | SBAY1 | 27 | H | 88 | | |
| 111 | 38 | .22 | 144 | PCT | 10 | | P2 | BW1 | 1.26 | | TEC | TEH | .610 | SBAY1 | 27 | H | 93 | | |
| 113 | 38 | .97 | 106 | PCT | 23 | | P2 | VS2 | -.85 | | TEC | TEH | .610 | SBAY2 | 24 | H | 169 | | |
| 113 | 38 | .29 | 118 | PCT | 10 | | P2 | VS3 | -1.21 | | TEC | TEH | .610 | SBAY2 | 24 | H | 169 | | |
| 115 | 38 | .31 | 108 | PCT | 10 | | P2 | VS2 | -.99 | | TEC | TEH | .610 | SBAY2 | 24 | H | 168 | | |
| 90 | 39 | .29 | 52 | PCT | 10 | | P2 | 10H | -1.04 | | VS3 | TEH | .610 | NBAZ1 | 32 | H | 107 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

17 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 118 | 39 | .30 | 54 | PCT | 10 | | P2 | BW2 | -1.00 | | TEC | TEH | .610 | SBAY2 | 24 | H | 160 | | |
| 81 | 40 | .35 | 113 | PCT | 14 | | P2 | VS2 | .53 | | VS3 | TEH | .610 | NBAZ1 | 33 | H | 117 | | |
| 115 | 40 | .31 | 106 | PCT | 13 | | P2 | VS3 | -1.10 | | TEC | TEH | .610 | SBAY1 | 25 | H | 174 | | |
| 90 | 41 | .37 | 94 | PCT | 12 | | P2 | 10H | -1.22 | | VS3 | TEH | .610 | NBAZ1 | 32 | H | 103 | | |
| 108 | 41 | .21 | 124 | PCT | 10 | | P2 | BW2 | -2.01 | | TEC | TEH | .610 | SBAY1 | 27 | H | 95 | | |
| 63 | 42 | .35 | 27 | PCT | 11 | | P2 | BW2 | .99 | | TEH | TEC | .610 | SBAY2 | 201 | C | 17 | | |
| 130 | 43 | .29 | 81 | PCT | 12 | | P2 | VS2 | .93 | | TEC | TEH | .610 | SBAY1 | 23 | H | 213 | | |
| 121 | 44 | 1.26 | 104 | PCT | 30 | | P2 | VS2 | .62 | | TEC | TEH | .610 | SBAY1 | 25 | H | 156 | | |
| 121 | 44 | .48 | 71 | PCT | 17 | | P2 | VS3 | .80 | | TEC | TEH | .610 | SBAY1 | 25 | H | 156 | | |
| 121 | 44 | .22 | 31 | PCT | 10 | | P2 | VS4 | -.83 | | TEC | TEH | .610 | SBAY1 | 25 | H | 156 | | |
| 121 | 44 | .25 | 28 | PCT | 11 | | P2 | BW2 | 1.03 | | TEC | TEH | .610 | SBAY1 | 25 | H | 156 | | |
| 121 | 44 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 23 | | |
| 125 | 44 | .62 | 88 | PCT | 20 | | P2 | VS2 | -1.04 | | TEC | TEH | .610 | SBAY1 | 25 | H | 154 | | |
| 137 | 44 | .23 | 75 | PCT | 8 | | P2 | VS1 | .44 | | TEC | TEH | .610 | SBAY2 | 22 | H | 221 | | |
| 126 | 45 | .23 | 119 | PCT | 10 | | P2 | VS2 | 1.19 | | TEC | TEH | .610 | SBAY1 | 25 | H | 147 | | |
| 119 | 46 | .56 | 116 | PCT | 16 | | P2 | VS2 | -.90 | | TEC | TEH | .610 | SBAY2 | 24 | H | 136 | | |
| 121 | 46 | .63 | 110 | PCT | 17 | | P2 | VS2 | -1.04 | | TEC | TEH | .610 | SBAY2 | 24 | H | 135 | | |
| 56 | 47 | .28 | 145 | PCT | 10 | | P2 | BW1 | -1.75 | | TEH | TEC | .610 | SBAY2 | 214 | C | 25 | | |
| 65 | 48 | .30 | 127 | PCT | 12 | | P2 | BW1 | .98 | | VS3 | TEH | .610 | NBAZ1 | 33 | H | 62 | | |
| 67 | 48 | .22 | 75 | PCT | 10 | | P2 | BW1 | -.68 | | VS3 | TEH | .610 | NBAZ1 | 33 | H | 63 | | |
| 131 | 48 | .40 | 84 | PCT | 15 | | P2 | BW2 | .96 | | TEC | TEH | .610 | SBAY1 | 25 | H | 130 | | |
| 135 | 48 | .23 | 89 | PCT | 10 | | P2 | BW2 | 1.00 | | TEC | TEH | .610 | SBAY1 | 25 | H | 128 | | |
| 90 | 49 | .30 | 36 | PCT | 10 | | P2 | 10H | -1.50 | | VS3 | TEH | .610 | NBAZ1 | 32 | H | 51 | | |
| 89 | 50 | .28 | 91 | PCT | 10 | | P2 | VS2 | -.88 | | VS3 | TEH | .610 | NBAZ1 | 32 | H | 46 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 129 | 50 | .31 | 72 | PCT | 10 | | P2 | VS2 | -.86 | | TEC | TEH | .610 | SBAY2 | 24 | H | 108 | | |
| 126 | 51 | .28 | 129 | PCT | 10 | | P2 | VS3 | 1.09 | | TEC | TEH | .610 | SBAY2 | 24 | H | 97 | | |
| 126 | 51 | .35 | 104 | PCT | 12 | | P2 | VS4 | -1.09 | | TEC | TEH | .610 | SBAY2 | 24 | H | 97 | | |
| 130 | 51 | .84 | 108 | PCT | 21 | | P2 | VS3 | 1.01 | | TEC | TEH | .610 | SBAY2 | 24 | H | 99 | | |
| 144 | 51 | .23 | 83 | PCT | 10 | | P2 | VS5 | -1.22 | | TEC | TEH | .610 | SBAY1 | 23 | H | 171 | | |
| 65 | 52 | .28 | 123 | PCT | 13 | | P2 | BW1 | .91 | | TEC | TEH | .610 | SBAY1 | 29 | H | 29 | | |
| 123 | 52 | .22 | 98 | PCT | 10 | | P2 | VS1 | -.90 | | TEC | TEH | .610 | SBAY1 | 25 | H | 109 | | |
| 127 | 52 | .27 | 68 | PCT | 12 | | P2 | VS2 | .33 | | TEC | TEH | .610 | SBAY1 | 25 | H | 107 | | |
| 135 | 52 | .39 | 100 | PCT | 15 | | P2 | VS1 | -1.07 | | TEC | TEH | .610 | SBAY1 | 25 | H | 103 | | |
| 102 | 53 | .39 | 143 | PCT | 15 | | P2 | BW1 | -.66 | | TEC | TEH | .610 | SBAY1 | 27 | H | 154 | | |
| 122 | 53 | .31 | 130 | PCT | 13 | | P2 | VS1 | .49 | | TEC | TEH | .610 | SBAY1 | 25 | H | 91 | | |
| 122 | 53 | .25 | 60 | PCT | 11 | | P2 | VS2 | .97 | | TEC | TEH | .610 | SBAY1 | 25 | H | 91 | | |
| 126 | 53 | .37 | 103 | PCT | 14 | | P2 | VS3 | .97 | | TEC | TEH | .610 | SBAY1 | 25 | H | 93 | | |
| 65 | 54 | .27 | 72 | PCT | 10 | | P2 | BW1 | 1.00 | | TEH | TEC | .610 | SBAY1 | 227 | C | 272 | | |
| 97 | 54 | .21 | 70 | PCT | 10 | | P2 | BW2 | 1.02 | | TEC | TEH | .610 | SBAY1 | 27 | H | 161 | | |
| 107 | 54 | .21 | 133 | PCT | 10 | | P2 | BW1 | -1.26 | | TEC | TEH | .610 | SBAY1 | 27 | H | 166 | | |
| 111 | 54 | .37 | 74 | PCT | 15 | | P2 | VS3 | -1.04 | | TEC | TEH | .610 | SBAY1 | 27 | H | 168 | | |
| 113 | 54 | .88 | 116 | PCT | 22 | | P2 | VS4 | .91 | | TEC | TEH | .610 | SBAY2 | 24 | H | 89 | | |
| 119 | 54 | 1.28 | 114 | PCT | 27 | | P2 | VS4 | .87 | | TEC | TEH | .610 | SBAY2 | 24 | H | 86 | | |
| 127 | 54 | .33 | 128 | PCT | 11 | | P2 | VS2 | .28 | | TEC | TEH | .610 | SBAY2 | 24 | H | 82 | | |
| 129 | 54 | .40 | 24 | PCT | 13 | | P2 | VS1 | -.88 | | TEC | TEH | .610 | SBAY2 | 24 | H | 81 | | |
| 143 | 54 | .28 | 107 | PCT | 12 | | P2 | VS3 | -.84 | | TEC | TEH | .610 | SBAY1 | 27 | H | 5 | | |
| 143 | 54 | .22 | 128 | PCT | 10 | | P2 | VS4 | .86 | | TEC | TEH | .610 | SBAY1 | 27 | H | 5 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 90 | 55 | .27 | 41 | PCT | 11 | | P2 | 10H | -1.20 | | VS3 | TEH | .610 | NBAZ1 | 37 | H | 86 | | |
| 120 | 55 | .44 | 118 | PCT | 13 | | P2 | BW1 | -1.10 | | TEC | TEH | .610 | SBAY2 | 24 | H | 63 | | |
| 119 | 56 | .24 | 24 | PCT | 10 | | P2 | BW1 | .60 | | TEC | TEH | .610 | SBAY1 | 25 | H | 82 | | |
| 121 | 56 | .24 | 42 | PCT | 10 | | P2 | VS3 | .98 | | TEC | TEH | .610 | SBAY1 | 25 | H | 81 | | |
| 133 | 56 | .25 | 127 | PCT | 11 | | P2 | 11C | -1.71 | | TEC | TEH | .610 | SBAY1 | 25 | H | 76 | | |
| 141 | 56 | .35 | 143 | PCT | 11 | | P2 | VS3 | -.79 | | TEH | TEC | .610 | SBAY2 | 216 | C | 118 | | |
| 90 | 57 | .99 | 89 | PCT | 24 | | P2 | 10H | -1.25 | | VS3 | TEH | .610 | NBAZ1 | 38 | H | 39 | | |
| 65 | 58 | .30 | 129 | PCT | 10 | | P2 | VS3 | -.69 | | TEH | TEC | .610 | SBAY2 | 201 | C | 8 | | |
| 93 | 58 | .24 | 143 | PCT | 11 | | P2 | VS4 | -.83 | | TEC | TEH | .610 | SBAY1 | 27 | H | 178 | | |
| 137 | 58 | .47 | 152 | PCT | 14 | | P2 | VS2 | .92 | | TEH | TEC | .610 | SBAY2 | 216 | C | 138 | | |
| 62 | 59 | .30 | 35 | PCT | 11 | | P2 | BW1 | -.85 | | TEH | TEC | .610 | SBAY1 | 225 | C | 40 | | |
| 68 | 59 | .27 | 53 | PCT | 10 | | P2 | BW1 | -.90 | | TEH | TEC | .610 | SBAY1 | 227 | C | 242 | | |
| 100 | 59 | .31 | 96 | PCT | 11 | | P2 | BW1 | -.87 | | TEC | TEH | .610 | SBAY2 | 28 | H | 8 | | |
| 132 | 59 | .26 | 103 | PCT | 10 | | P2 | 11H | -.23 | | TEH | TEC | .610 | SBAY2 | 217 | C | 148 | | |
| 107 | 60 | .25 | 102 | PCT | 10 | | P2 | BW1 | -1.42 | | TEC | TEH | .610 | SBAY2 | 28 | H | 16 | | |
| 125 | 60 | .25 | 124 | PCT | 11 | | P2 | VS1 | -.78 | | TEC | TEH | .610 | SBAY1 | 25 | H | 59 | | |
| 137 | 60 | .45 | 131 | PCT | 14 | | P2 | VS1 | -.84 | | TEH | TEC | .610 | SBAY2 | 216 | C | 143 | | |
| 108 | 61 | .35 | 142 | PCT | 15 | | P2 | BW1 | -1.75 | | TEC | TEH | .610 | SBAY1 | 29 | H | 12 | | |
| 120 | 61 | .25 | 53 | PCT | 11 | | P2 | BW1 | -.76 | | TEC | TEH | .610 | SBAY1 | 25 | H | 47 | | |
| 132 | 61 | .22 | 85 | PCT | 10 | | P2 | 11H | -1.36 | | TEC | TEH | .610 | SBAY1 | 25 | H | 53 | | |
| 152 | 61 | .36 | 144 | PCT | 13 | | P2 | BW2 | -1.01 | | TEH | TEC | .610 | SBAY2 | 217 | C | 91 | | |
| 133 | 62 | .68 | 129 | PCT | 18 | | P2 | 11C | -.24 | | TEC | TEH | .610 | SBAY2 | 24 | H | 29 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

SG - 11 Calls of Interest

Palo Verde 1 U1R19

PVNGS1 20160401

04/25/2016 08:22:19

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 139 | 62 | .35 | 59 | PCT | 11 | | P2 | VS1 | -.96 | | TEC | TEH | .610 | SBAY2 | 24 | H | 27 | | |
| 98 | 63 | .28 | 62 | PCT | 10 | | P2 | BW1 | -.85 | | TEH | TEC | .610 | SBAY1 | 227 | C | 146 | | |
| 100 | 63 | .28 | 63 | PCT | 10 | | P2 | BW1 | -1.05 | | TEH | TEC | .610 | SBAY1 | 227 | C | 145 | | |
| 132 | 63 | .26 | 101 | PCT | 9 | | P2 | 11H | -1.75 | | TEC | TEH | .610 | SBAY2 | 24 | H | 23 | | |
| 144 | 63 | .35 | 57 | PCT | 13 | | P2 | VS4 | -.74 | | TEH | TEC | .610 | SBAY2 | 217 | C | 130 | | |
| 154 | 63 | .24 | 133 | PCT | 10 | | P2 | BW2 | -.96 | | TEH | TEC | .610 | SBAY2 | 217 | C | 89 | | |
| 95 | 64 | .32 | 101 | PCT | 11 | | P2 | BW1 | -.78 | | TEH | TEC | .610 | SBAY1 | 227 | C | 175 | | |
| 97 | 64 | .32 | 120 | PCT | 11 | | P2 | BW1 | 1.08 | | TEH | TEC | .610 | SBAY1 | 227 | C | 174 | | |
| 99 | 64 | .30 | 89 | PCT | 10 | | P2 | BW1 | -.82 | | TEH | TEC | .610 | SBAY1 | 227 | C | 173 | | |
| 113 | 64 | .25 | 124 | PCT | 11 | | P2 | BW1 | .85 | | TEC | TEH | .610 | SBAY1 | 25 | H | 42 | | |
| 129 | 64 | .95 | 90 | PCT | 26 | | P2 | VS3 | -.87 | | TEC | TEH | .610 | SBAY1 | 25 | H | 34 | | |
| 153 | 64 | .28 | 113 | PCT | 11 | | P2 | VS2 | -1.08 | | TEH | TEC | .610 | SBAY2 | 217 | C | 106 | | |
| 118 | 65 | .31 | 56 | PCT | 13 | | P2 | BW1 | -.80 | | TEC | TEH | .610 | SBAY1 | 25 | H | 17 | | |
| 122 | 65 | .28 | 50 | PCT | 12 | | P2 | BW1 | -.89 | | TEC | TEH | .610 | SBAY1 | 25 | H | 19 | | |
| 81 | 66 | .29 | 71 | PCT | 10 | | P2 | BW1 | -.89 | | TEH | TEC | .610 | SBAY1 | 227 | C | 121 | | |
| 103 | 66 | .39 | 73 | PCT | 13 | | P2 | BW1 | 1.00 | | TEH | TEC | .610 | SBAY1 | 227 | C | 132 | | |
| 111 | 66 | .30 | 133 | PCT | 10 | | P2 | VS3 | .82 | | TEH | TEC | .610 | SBAY1 | 227 | C | 136 | | |
| 149 | 66 | .29 | 153 | PCT | 11 | | P2 | VS2 | .23 | | TEH | TEC | .610 | SBAY2 | 217 | C | 110 | | |
| 120 | 67 | .29 | 71 | PCT | 10 | | P2 | BW1 | -1.31 | | TEC | TEH | .610 | SBAY2 | 22 | H | 170 | | |
| 132 | 67 | .43 | 73 | PCT | 14 | | P2 | 11H | -1.78 | | TEC | TEH | .610 | SBAY2 | 22 | H | 176 | | |
| 25 | 68 | .08 | 101 | NQI | | | P1 | VS3 | 2.32 | | TEH | TEC | .610 | SBAY1 | 225 | C | 128 | | |
| 115 | 68 | .34 | 85 | PCT | 14 | | P2 | VS4 | 1.05 | | TEC | TEH | .610 | SBAY1 | 29 | H | 25 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

21 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 129 | 68 | .28 | 63 | PCT | 11 | | P2 | VS4 | -.93 | | TEH | TEC | .610 | SBAY2 | 217 | C | 34 | | |
| 133 | 68 | .30 | 96 | PCT | 11 | | P2 | BW1 | -.89 | | TEH | TEC | .610 | SBAY2 | 217 | C | 32 | | |
| 90 | 69 | .36 | 94 | PCT | 10 | | P2 | 10H | -1.00 | | TEH | TEC | .610 | SBAY2 | 226 | C | 79 | | |
| 130 | 69 | .48 | 53 | PCT | 16 | | P2 | VS1 | -.71 | | TEH | TEC | .610 | SBAY2 | 217 | C | 35 | | |
| 130 | 69 | .37 | 117 | PCT | 13 | | P2 | VS3 | .94 | | TEH | TEC | .610 | SBAY2 | 217 | C | 35 | | |
| 47 | 70 | .31 | 82 | PCT | 11 | | P2 | BW1 | .93 | | TEH | TEC | .610 | SBAY1 | 227 | C | 22 | | |
| 97 | 70 | .44 | 110 | PCT | 14 | | P2 | BW1 | -.72 | | TEH | TEC | .610 | SBAY1 | 227 | C | 77 | | |
| 119 | 70 | .46 | 78 | PCT | 14 | | P2 | VS2 | -.89 | | TEC | TEH | .610 | SBAY2 | 22 | H | 163 | | |
| 129 | 70 | .27 | 61 | PCT | 10 | | P2 | VS2 | -.94 | | TEC | TEH | .610 | SBAY2 | 22 | H | 158 | | |
| 62 | 71 | .24 | 116 | PCT | 11 | | P2 | BW1 | -.94 | | TEC | TEH | .610 | SBAY1 | 29 | H | 27 | | |
| 90 | 71 | .19 | 65 | PCT | 7 | | P2 | 10H | -1.11 | | TEH | TEC | .610 | SBAY1 | 227 | C | 54 | | |
| 92 | 71 | .28 | 105 | PCT | 11 | | P2 | BW2 | -.95 | | TEH | TEC | .610 | SBAY2 | 217 | C | 72 | | |
| 116 | 71 | .27 | 108 | PCT | 11 | | P2 | VS2 | 1.05 | | TEH | TEC | .610 | SBAY2 | 217 | C | 58 | | |
| 126 | 71 | .35 | 44 | PCT | 13 | | P2 | BW2 | -.82 | | TEH | TEC | .610 | SBAY2 | 217 | C | 53 | | |
| 162 | 71 | .30 | 132 | PCT | 10 | | P2 | BW2 | .87 | | TEH | TEC | .610 | SBAY2 | 216 | C | 78 | | |
| 73 | 72 | .23 | 155 | NQI | | | P1 | FDP | 12.32 | | TEH | TEC | .610 | SBAY2 | 226 | C | 54 | | |
| 73 | 72 | .17 | 137 | NQI | | | P1 | TSC | 6.05 | | TEH | TEC | .610 | SBAY2 | 226 | C | 54 | | |
| 73 | 72 | .11 | 128 | NQI | | | P1 | TSC | 8.25 | | TEH | TEC | .610 | SBAY2 | 226 | C | 54 | | |
| 157 | 72 | .48 | 55 | PCT | 16 | | P2 | VS1 | -.75 | | TEH | TEC | .610 | SBAY2 | 217 | C | 82 | | |
| 128 | 73 | .30 | 141 | PCT | 10 | | P2 | VS2 | .88 | | TEH | TEC | .610 | SBAY2 | 216 | C | 54 | | |
| 41 | 74 | .21 | 44 | PCT | 10 | | P2 | VS3 | .74 | | TEC | TEH | .610 | SBAY2 | 2 | H | 58 | | |
| 45 | 74 | .21 | 75 | PCT | 10 | | P2 | VS3 | .68 | | TEC | TEH | .610 | SBAY2 | 2 | H | 192 | | |
| 47 | 74 | .21 | 39 | PCT | 10 | | P2 | BW1 | .84 | | TEC | TEH | .610 | SBAY2 | 2 | H | 155 | | |
| 59 | 74 | .29 | 102 | PCT | 11 | | P2 | BW1 | .87 | | TEC | TEH | .610 | SBAY2 | 1 | H | 134 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 67 | 74 | .72 | 136 | NQI | | | P1 | TSH | .37 | | TEC | TEH | .610 | SBAY2 | 5 | H | 35 | | |
| 165 | 74 | .24 | 150 | NQI | | | P1 | TSH | .86 | | TEC | TEH | .610 | SBAY2 | 15 | H | 115 | | |
| 34 | 75 | .22 | 90 | PCT | 10 | | P2 | BW1 | -.87 | | TEC | TEH | .610 | SBAY2 | 2 | H | 60 | | |
| 40 | 75 | .31 | 90 | PCT | 13 | | P2 | BW1 | -.85 | | TEC | TEH | .610 | SBAY2 | 2 | H | 54 | | |
| 46 | 75 | .21 | 98 | PCT | 10 | | P2 | BW1 | -1.08 | | TEC | TEH | .610 | SBAY2 | 2 | H | 191 | | |
| 48 | 75 | .25 | 41 | PCT | 11 | | P2 | VS3 | -1.11 | | TEC | TEH | .610 | SBAY2 | 2 | H | 156 | | |
| 90 | 75 | .34 | 103 | PCT | 12 | | P2 | 10H | -1.51 | | TEC | TEH | .610 | SBAY2 | 5 | H | 103 | | |
| 134 | 75 | .40 | 116 | PCT | 13 | | P2 | BW1 | -.60 | | TEC | TEH | .610 | SBAY2 | 5 | H | 81 | | |
| 164 | 75 | .75 | 75 | PCT | 21 | | P2 | BW2 | -.74 | | TEC | TEH | .610 | SBAY2 | 15 | H | 110 | | |
| 35 | 76 | .21 | 49 | PCT | 10 | | P2 | VS3 | .75 | | TEC | TEH | .610 | SBAY2 | 2 | H | 61 | | |
| 47 | 76 | .82 | 93 | PCT | 24 | | P2 | BW1 | .94 | | TEC | TEH | .610 | SBAY2 | 2 | H | 190 | | |
| 103 | 76 | .24 | 81 | PCT | 10 | | P2 | BW1 | -.80 | | TEC | TEH | .610 | SBAY2 | 6 | H | 61 | | |
| 103 | 76 | .23 | 151 | PCT | 10 | | P2 | VS4 | .77 | | TEC | TEH | .610 | SBAY2 | 6 | H | 61 | | |
| 163 | 76 | 1.29 | 100 | PCT | 28 | | P2 | BW2 | -.84 | | TEC | TEH | .610 | SBAY2 | 15 | H | 108 | | |
| 165 | 76 | .55 | 109 | PCT | 17 | | P2 | BW2 | -.79 | | TEC | TEH | .610 | SBAY2 | 15 | H | 109 | | |
| 90 | 77 | .40 | 78 | PCT | 14 | | P2 | 10H | -1.36 | | TEC | TEH | .610 | SBAY2 | 6 | H | 112 | | |
| 140 | 77 | .26 | 149 | PCT | 10 | | P2 | VS1 | -.82 | | TEC | TEH | .610 | SBAY2 | 6 | H | 87 | | |
| 164 | 77 | .47 | 68 | PCT | 15 | | P2 | BW1 | .99 | | TEC | TEH | .610 | SBAY2 | 15 | H | 104 | | |
| 166 | 77 | .31 | 87 | PCT | 11 | | P2 | BW2 | -.79 | | TEC | TEH | .610 | SBAY2 | 15 | H | 103 | | |
| 125 | 78 | .30 | 61 | PCT | 11 | | P2 | VS5 | -.88 | | TEC | TEH | .610 | SBAY2 | 19 | H | 16 | | |
| 163 | 78 | .37 | 93 | PCT | 13 | | P2 | BW2 | .85 | | TEC | TEH | .610 | SBAY2 | 15 | H | 101 | | |
| 30 | 79 | .25 | 89 | PCT | 11 | | P2 | VS3 | -.84 | | TEC | TEH | .610 | SBAY2 | 2 | H | 129 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

SG - 11 Calls of Interest

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| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 38 | 79 | .17 | 96 | PCT | 8 | | P2 | VS3 | -.90 | | TEC | TEH | .610 | SBAY2 | 2 | H | 64 | | |
| 44 | 79 | .29 | 117 | PCT | 12 | | P2 | VS3 | -.74 | | TEC | TEH | .610 | SBAY2 | 2 | H | 48 | | |
| 50 | 79 | .24 | 63 | PCT | 11 | | P2 | VS3 | .78 | | TEC | TEH | .610 | SBAY2 | 2 | H | 187 | | |
| 90 | 79 | .27 | 85 | PCT | 10 | | P2 | 10H | -1.44 | | TEC | TEH | .610 | SBAY2 | 5 | H | 154 | | |
| 132 | 79 | .21 | 38 | PCT | 8 | | P2 | 11H | -1.23 | | TEC | TEH | .610 | SBAY2 | 19 | H | 22 | | |
| 47 | 80 | .58 | 83 | PCT | 20 | | P2 | BW1 | .91 | | TEC | TEH | .610 | SBAY2 | 2 | H | 9 | | |
| 77 | 80 | .23 | 133 | PCT | 10 | | P2 | VS4 | .60 | | TEC | TEH | .610 | SBAY2 | 6 | H | 134 | | |
| 115 | 80 | .27 | 94 | PCT | 11 | | P2 | BW1 | 1.04 | | TEC | TEH | .610 | SBAY1 | 20 | H | 11 | | |
| 115 | 80 | .27 | 126 | PCT | 11 | | P2 | VS1 | -.94 | | TEC | TEH | .610 | SBAY1 | 20 | H | 11 | | |
| 167 | 80 | 1.23 | 90 | PCT | 27 | | P2 | BW2 | -.76 | | TEC | TEH | .610 | SBAY2 | 15 | H | 94 | | |
| 32 | 81 | .31 | 67 | PCT | 13 | | P2 | BW1 | -.84 | | TEC | TEH | .610 | SBAY2 | 2 | H | 130 | | |
| 36 | 81 | .27 | 105 | PCT | 10 | | P2 | BW1 | -.92 | | TEC | TEH | .610 | SBAY2 | 1 | H | 67 | | |
| 60 | 81 | .56 | 97 | PCT | 19 | | P2 | BW1 | .78 | | TEC | TEH | .610 | SBAY2 | 2 | H | 147 | | |
| 78 | 81 | .31 | 146 | PCT | 12 | | P2 | VS2 | .71 | | TEC | TEH | .610 | SBAY2 | 6 | H | 171 | | |
| 82 | 81 | .23 | 124 | PCT | 10 | | P2 | VS3 | .91 | | TEC | TEH | .610 | SBAY2 | 6 | H | 167 | | |
| 118 | 81 | .27 | 75 | PCT | 10 | | P2 | VS1 | -.80 | | TEC | TEH | .610 | SBAY2 | 19 | H | 150 | | |
| 120 | 81 | .24 | 89 | PCT | 11 | | P2 | BW1 | -.84 | | TEC | TEH | .610 | SBAY1 | 20 | H | 28 | | |
| 122 | 81 | .32 | 59 | PCT | 13 | | P2 | BW2 | .91 | | TEC | TEH | .610 | SBAY1 | 20 | H | 27 | | |
| 124 | 81 | .22 | 56 | PCT | 10 | | P2 | BW2 | .94 | | TEC | TEH | .610 | SBAY1 | 20 | H | 26 | | |
| 136 | 81 | .38 | 53 | PCT | 14 | | P2 | VS2 | .86 | | TEC | TEH | .610 | SBAY1 | 18 | H | 47 | | |
| 164 | 81 | .39 | 46 | PCT | 13 | | P2 | BW1 | .91 | | TEC | TEH | .610 | SBAY2 | 15 | H | 88 | | |
| 168 | 81 | .35 | 53 | PCT | 12 | | P2 | BW2 | -.68 | | TEC | TEH | .610 | SBAY2 | 15 | H | 95 | | |
| 43 | 82 | .40 | 110 | PCT | 13 | | P2 | BW1 | .93 | | TEC | TEH | .610 | SBAY2 | 1 | H | 47 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

24 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 111 | 82 | .27 | 123 | PCT | 10 | | P2 | BW1 | .77 | | TEC | TEH | .610 | SBAY2 | 5 | H | 191 | | |
| 129 | 82 | .35 | 101 | PCT | 13 | | P2 | VS2 | -.61 | | TEC | TEH | .610 | SBAY2 | 19 | H | 40 | | |
| 167 | 82 | .38 | 115 | PCT | 13 | | P2 | BW1 | -.71 | | TEC | TEH | .610 | SBAY2 | 15 | H | 82 | | |
| 167 | 82 | .49 | 100 | PCT | 15 | | P2 | BW2 | -.84 | | TEC | TEH | .610 | SBAY2 | 15 | H | 82 | | |
| 44 | 83 | .34 | 131 | PCT | 12 | | P2 | BW1 | -1.02 | | TEC | TEH | .610 | SBAY2 | 1 | H | 46 | | |
| 44 | 83 | .40 | 117 | PCT | 14 | | P2 | BW1 | .95 | | TEC | TEH | .610 | SBAY2 | 1 | H | 46 | | |
| 48 | 83 | .43 | 103 | PCT | 16 | | P2 | BW1 | .73 | | TEC | TEH | .610 | SBAY2 | 2 | H | 45 | | |
| 48 | 83 | .22 | 84 | PCT | 10 | | P2 | VS3 | -1.06 | | TEC | TEH | .610 | SBAY2 | 2 | H | 45 | | |
| 90 | 83 | .26 | 107 | PCT | 9 | | P2 | 10H | -1.06 | | TEC | TEH | .610 | SBAY2 | 5 | H | 205 | | |
| 142 | 83 | .28 | 124 | PCT | 10 | | P2 | VS2 | -.86 | | TEC | TEH | .610 | SBAY2 | 17 | H | 15 | | |
| 166 | 83 | .50 | 58 | PCT | 16 | | P2 | BW1 | .81 | | TEC | TEH | .610 | SBAY2 | 15 | H | 80 | | |
| 43 | 84 | .21 | 135 | PCT | 10 | | P2 | BW1 | .80 | | TEC | TEH | .610 | SBAY2 | 2 | H | 69 | | |
| 55 | 84 | .34 | 92 | PCT | 14 | | P2 | BW1 | 1.68 | | TEC | TEH | .610 | SBAY2 | 2 | H | 182 | | |
| 83 | 84 | .31 | 98 | PCT | 12 | | P2 | VS2 | .72 | | TEC | TEH | .610 | SBAY2 | 6 | H | 190 | | |
| 40 | 85 | .26 | 105 | PCT | 10 | | P2 | VS3 | .85 | | TEC | TEH | .610 | SBAY2 | 1 | H | 71 | | |
| 42 | 85 | .21 | 65 | PCT | 10 | | P2 | BW2 | .91 | | TEC | TEH | .610 | SBAY2 | 2 | H | 111 | | |
| 52 | 85 | .23 | 120 | PCT | 10 | | P2 | BW2 | .84 | | TEC | TEH | .610 | SBAY2 | 2 | H | 14 | | |
| 94 | 85 | .30 | 51 | PCT | 12 | | P2 | BW1 | -.81 | | TEC | TEH | .610 | SBAY2 | 6 | H | 214 | | |
| 126 | 85 | .29 | 70 | PCT | 12 | | P2 | BW1 | -.92 | | TEC | TEH | .610 | SBAY1 | 21 | H | 64 | | |
| 132 | 85 | .22 | 154 | PCT | 10 | | P2 | 11C | -1.46 | | TEC | TEH | .610 | SBAY1 | 21 | H | 61 | | |
| 39 | 86 | .61 | 121 | PCT | 18 | | P2 | VS3 | -1.12 | | TEC | TEH | .610 | SBAY2 | 1 | H | 117 | | |
| 43 | 86 | .36 | 105 | PCT | 14 | | P2 | BW1 | .82 | | TEC | TEH | .610 | SBAY2 | 2 | H | 110 | | |
| 43 | 86 | .26 | 125 | PCT | 11 | | P2 | VS3 | .72 | | TEC | TEH | .610 | SBAY2 | 2 | H | 110 | | |
| 45 | 86 | .38 | 96 | PCT | 15 | | P2 | BW1 | .92 | | TEC | TEH | .610 | SBAY2 | 2 | H | 71 | | |

25 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 49 | 86 | .31 | 118 | PCT | 11 | | P2 | BW2 | -.97 | | TEC | TEH | .610 | SBAY2 | 1 | H | 12 | | |
| 153 | 86 | .33 | 131 | PCT | 12 | | P2 | VS2 | -.93 | | TEC | TEH | .610 | SBAY2 | 15 | H | 208 | | |
| 42 | 87 | .58 | 117 | PCT | 17 | | P2 | BW1 | -.83 | | TEC | TEH | .610 | SBAY2 | 1 | H | 73 | | |
| 44 | 87 | .28 | 114 | PCT | 12 | | P2 | BW1 | .80 | | TEC | TEH | .610 | SBAY2 | 2 | H | 109 | | |
| 46 | 87 | .37 | 104 | PCT | 14 | | P2 | BW1 | .84 | | TEC | TEH | .610 | SBAY2 | 2 | H | 72 | | |
| 48 | 87 | .46 | 116 | PCT | 15 | | P2 | 09C | -.98 | | TEC | TEH | .610 | SBAY2 | 1 | H | 42 | | |
| 146 | 87 | .26 | 117 | PCT | 10 | | P2 | BW1 | -.77 | | TEC | TEH | .610 | SBAY2 | 15 | H | 193 | | |
| 41 | 88 | .46 | 116 | PCT | 15 | | P2 | BW1 | -.98 | | TEC | TEH | .610 | SBAY2 | 1 | H | 116 | | |
| 43 | 88 | .46 | 116 | PCT | 15 | | P2 | BW1 | .89 | | TEC | TEH | .610 | SBAY2 | 1 | H | 74 | | |
| 43 | 88 | .39 | 130 | PCT | 13 | | P2 | BW2 | -.89 | | TEC | TEH | .610 | SBAY2 | 1 | H | 74 | | |
| 45 | 88 | .62 | 109 | PCT | 20 | | P2 | BW1 | .79 | | TEC | TEH | .610 | SBAY2 | 2 | H | 108 | | |
| 45 | 88 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 21 | | |
| 47 | 88 | .27 | 111 | PCT | 12 | | P2 | BW1 | .88 | | TEC | TEH | .610 | SBAY2 | 2 | H | 73 | | |
| 75 | 88 | .26 | 123 | PCT | 10 | | P2 | BW1 | .83 | | TEC | TEH | .610 | SBAY2 | 6 | H | 238 | | |
| 75 | 88 | .24 | 129 | PCT | 10 | | P2 | VS2 | .80 | | TEC | TEH | .610 | SBAY2 | 6 | H | 238 | | |
| 83 | 88 | .26 | 141 | PCT | 10 | | P2 | VS2 | .64 | | TEC | TEH | .610 | SBAY2 | 6 | H | 242 | | |
| 111 | 88 | .25 | 87 | PCT | 10 | | P2 | BW1 | -1.15 | | TEC | TEH | .610 | SBAY2 | 6 | H | 256 | | |
| 161 | 88 | .37 | 76 | PCT | 13 | | P2 | VS1 | -.89 | | TEC | TEH | .610 | SBAY2 | 15 | H | 56 | | |
| 42 | 89 | .56 | 117 | PCT | 17 | | P2 | BW1 | -1.03 | | TEC | TEH | .610 | SBAY2 | 1 | H | 115 | | |
| 44 | 89 | .62 | 125 | PCT | 18 | | P2 | BW1 | -1.00 | | TEC | TEH | .610 | SBAY2 | 1 | H | 75 | | |
| 44 | 89 | 2.09 | 111 | PCT | 36 | | P2 | BW1 | .77 | | TEC | TEH | .610 | SBAY2 | 1 | H | 75 | | |
| 44 | 89 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 22 | | |
| 46 | 89 | .25 | 73 | PCT | 11 | | P2 | BW1 | -.95 | | TEC | TEH | .610 | SBAY2 | 2 | H | 107 | | |
| 48 | 89 | .29 | 144 | PCT | 12 | | P2 | 09H | .82 | | TEC | TEH | .610 | SBAY2 | 2 | H | 74 | | |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 82 | 89 | .40 | 96 | PCT | 14 | | P2 | BW1 | -.84 | | TEC | TEH | .610 | SBAY2 | 6 | H | 272 | | |
| 140 | 89 | .22 | 91 | PCT | 10 | | P2 | BW1 | .91 | | TEC | TEH | .610 | SBAY1 | 16 | H | 64 | | |
| 142 | 89 | .25 | 44 | PCT | 11 | | P2 | BW1 | .96 | | TEC | TEH | .610 | SBAY1 | 16 | H | 63 | | |
| 144 | 89 | .24 | 49 | PCT | 10 | | P2 | BW1 | 1.05 | | TEC | TEH | .610 | SBAY1 | 16 | H | 62 | | |
| 144 | 89 | .26 | 64 | PCT | 11 | | P2 | BW2 | -.60 | | TEC | TEH | .610 | SBAY1 | 16 | H | 62 | | |
| 45 | 90 | .62 | 88 | PCT | 18 | | P2 | BW1 | .86 | | TEC | TEH | .610 | SBAY2 | 1 | H | 76 | | |
| 167 | 90 | 1.16 | 99 | PCT | 27 | | P2 | BW2 | -.86 | | TEC | TEH | .610 | SBAY2 | 15 | H | 42 | | |
| 167 | 90 | .34 | 87 | PCT | 12 | | P2 | BW2 | -.13 | | TEC | TEH | .610 | SBAY2 | 15 | H | 42 | | |
| 46 | 91 | .34 | 142 | PCT | 12 | | P2 | BW2 | -.92 | | TEC | TEH | .610 | SBAY2 | 1 | H | 77 | | |
| 46 | 91 | .27 | 84 | PCT | 10 | | P2 | BW2 | 1.10 | | TEC | TEH | .610 | SBAY2 | 1 | H | 77 | | |
| 48 | 91 | .26 | 67 | PCT | 11 | | P2 | VS3 | -.87 | | TEC | TEH | .610 | SBAY2 | 2 | H | 105 | | |
| 48 | 91 | .22 | 42 | PCT | 10 | | P2 | BW2 | .90 | | TEC | TEH | .610 | SBAY2 | 2 | H | 105 | | |
| 48 | 91 | .38 | 88 | PCT | 15 | | P2 | 09C | -.43 | | TEC | TEH | .610 | SBAY2 | 2 | H | 105 | | |
| 80 | 91 | .75 | 109 | PCT | 20 | | P2 | BW1 | -.88 | | TEC | TEH | .610 | SBAY2 | 7 | H | 44 | | |
| 82 | 91 | .39 | 90 | PCT | 13 | | P2 | VS3 | .76 | | TEC | TEH | .610 | SBAY2 | 7 | H | 43 | | |
| 90 | 91 | .17 | 68 | PCT | 7 | | P2 | 10C | -1.63 | | TEC | TEH | .610 | SBAY2 | 7 | H | 39 | | |
| 126 | 91 | .27 | 83 | PCT | 10 | | P2 | VS2 | 1.00 | | TEC | TEH | .610 | SBAY2 | 19 | H | 110 | | |
| 130 | 91 | .27 | 50 | PCT | 10 | | P2 | BW1 | 1.05 | | TEC | TEH | .610 | SBAY2 | 19 | H | 108 | | |
| 136 | 91 | .28 | 76 | PCT | 10 | | P2 | VS1 | -.25 | | TEC | TEH | .610 | SBAY2 | 15 | H | 173 | | |
| 45 | 92 | .27 | 115 | PCT | 10 | | P2 | BW1 | .83 | | TEC | TEH | .610 | SBAY2 | 1 | H | 113 | | |
| 47 | 92 | .71 | 107 | PCT | 20 | | P2 | BW1 | .77 | | TEC | TEH | .610 | SBAY2 | 1 | H | 78 | | |
| 47 | 92 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 20 | | |
| 59 | 92 | .21 | 75 | PCT | 10 | | P2 | VS2 | -.35 | | TEC | TEH | .610 | SBAY2 | 2 | H | 21 | | |
| 103 | 92 | .25 | 44 | PCT | 11 | | P2 | VS2 | .71 | | TEC | TEH | .610 | SBAY2 | 8 | H | 23 | | |
| 107 | 92 | .26 | 100 | PCT | 11 | | P2 | BW1 | -1.82 | | TEC | TEH | .610 | SBAY2 | 8 | H | 25 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 113 | 92 | .35 | 91 | PCT | 14 | | P2 | VS1 | -.82 | | TEC | TEH | .610 | SBAY1 | 21 | H | 5 | | |
| 90 | 93 | .17 | 40 | PCT | 8 | | P2 | 10H | -1.32 | | TEC | TEH | .610 | SBAY2 | 8 | H | 39 | | |
| 132 | 93 | .74 | 132 | PCT | 23 | | P2 | 11C | -1.68 | | TEC | TEH | .610 | SBAY1 | 21 | H | 17 | | |
| 168 | 93 | .36 | 120 | PCT | 12 | | P2 | BW2 | -.85 | | TEC | TEH | .610 | SBAY2 | 15 | H | 28 | | |
| 47 | 94 | .52 | 99 | PCT | 16 | | P2 | BW1 | .08 | | TEC | TEH | .610 | SBAY2 | 1 | H | 111 | | |
| 47 | 94 | .63 | 128 | PCT | 18 | | P2 | BW1 | .91 | | TEC | TEH | .610 | SBAY2 | 1 | H | 111 | | |
| 167 | 94 | .52 | 90 | PCT | 16 | | P2 | BW2 | .79 | | TEC | TEH | .610 | SBAY2 | 15 | H | 20 | | |
| 48 | 95 | .27 | 49 | PCT | 10 | | P2 | VS3 | -.95 | | TEC | TEH | .610 | SBAY2 | 1 | H | 110 | | |
| 48 | 95 | .78 | 108 | PCT | 21 | | P2 | BW2 | .93 | | TEC | TEH | .610 | SBAY2 | 1 | H | 110 | | |
| 48 | 95 | | | TBP | | | | | | | VS3 | TEC | .610 | NBAZ1 | 235 | C | 14 | | |
| 68 | 95 | .36 | 99 | PCT | 12 | | P2 | BW1 | -1.25 | | TEC | TEH | .610 | SBAY2 | 7 | H | 101 | | |
| 70 | 95 | .32 | 146 | PCT | 11 | | P2 | BW1 | -.92 | | TEC | TEH | .610 | SBAY2 | 7 | H | 100 | | |
| 47 | 96 | .32 | 135 | PCT | 13 | | P2 | BW1 | -.78 | | TEC | TEH | .610 | SBAY2 | 4 | H | 23 | | |
| 49 | 96 | .63 | 103 | PCT | 18 | | P2 | BW1 | -.80 | | TEC | TEH | .610 | SBAY2 | 1 | H | 109 | | |
| 49 | 96 | .36 | 124 | PCT | 12 | | P2 | BW1 | .89 | | TEC | TEH | .610 | SBAY2 | 1 | H | 109 | | |
| 127 | 96 | .19 | 57 | PCT | 9 | | P2 | VS1 | .26 | | TEC | TEH | .610 | SBAY1 | 21 | H | 34 | | |
| 159 | 96 | .24 | 119 | PCT | 11 | | P2 | VS2 | -.80 | | TEC | TEH | .610 | SBAY1 | 16 | H | 28 | | |
| 48 | 97 | .26 | 36 | PCT | 11 | | P2 | BW1 | 1.94 | | TEC | TEH | .610 | SBAY2 | 4 | H | 22 | | |
| 120 | 97 | .23 | 51 | PCT | 10 | | P2 | BW1 | -.94 | | TEC | TEH | .610 | SBAY1 | 21 | H | 45 | | |
| 49 | 98 | .32 | 80 | PCT | 13 | | P2 | BW1 | .96 | | TEC | TEH | .610 | SBAY2 | 4 | H | 21 | | |
| 51 | 98 | .23 | 121 | PCT | 9 | | P2 | BW2 | -.95 | | TEC | TEH | .610 | SBAY2 | 1 | H | 107 | | |
| 107 | 98 | .43 | 119 | PCT | 14 | | P2 | VS4 | .80 | | TEC | TEH | .610 | SBAY2 | 7 | H | 125 | | |
| 115 | 98 | .37 | 107 | PCT | 13 | | P2 | VS2 | -1.00 | | TEC | TEH | .610 | SBAY2 | 19 | H | 140 | | |
| 143 | 98 | .71 | 53 | PCT | 21 | | P2 | VS1 | .42 | | TEC | TEH | .610 | SBAY2 | 14 | H | 185 | | |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 56 | 99 | .24 | 70 | PCT | 11 | | P2 | BW1 | -1.79 | | TEC | TEH | .610 | SBAY2 | 2 | H | 97 | | |
| 56 | 99 | .55 | 60 | PCT | 19 | | P2 | VS3 | -.86 | | TEC | TEH | .610 | SBAY2 | 2 | H | 97 | | |
| 110 | 99 | .26 | 127 | PCT | 10 | | P2 | BW1 | -.60 | | TEC | TEH | .610 | SBAY2 | 7 | H | 129 | | |
| 128 | 99 | .36 | 78 | PCT | 13 | | P2 | VS1 | 1.03 | | TEC | TEH | .610 | SBAY2 | 19 | H | 168 | | |
| 168 | 99 | .22 | 153 | PCT | 9 | | P2 | 01C | .08 | | TEC | TEH | .610 | SBAY2 | 14 | H | 158 | | |
| 51 | 100 | .21 | 59 | PCT | 10 | | P2 | BW1 | .88 | | TEC | TEH | .610 | SBAY2 | 4 | H | 19 | | |
| 169 | 100 | .65 | 95 | PCT | 19 | | P2 | VS5 | .71 | | TEC | TEH | .610 | SBAY2 | 15 | H | 134 | | |
| 171 | 100 | .44 | 90 | PCT | 14 | | P2 | 02C | -.88 | | TEC | TEH | .610 | SBAY2 | 15 | H | 133 | | |
| 171 | 100 | .72 | 105 | PCT | 20 | | P2 | 02C | .08 | | TEC | TEH | .610 | SBAY2 | 15 | H | 133 | | |
| 171 | 100 | .36 | 82 | PCT | 12 | | P2 | 01C | .10 | | TEC | TEH | .610 | SBAY2 | 15 | H | 133 | | |
| 62 | 101 | .35 | 104 | PCT | 12 | | P2 | VS3 | -.86 | | TEC | TEH | .610 | SBAY2 | 1 | H | 28 | | |
| 106 | 101 | .27 | 43 | PCT | 11 | | P2 | BW1 | -1.71 | | TEC | TEH | .610 | SBAY2 | 8 | H | 129 | | |
| 118 | 101 | .28 | 73 | PCT | 12 | | P2 | BW2 | .83 | | TEC | TEH | .610 | SBAY1 | 21 | H | 84 | | |
| 146 | 101 | .38 | 129 | PCT | 13 | | P2 | VS2 | -1.11 | | TEC | TEH | .610 | SBAY2 | 13 | H | 148 | | |
| 168 | 101 | .81 | 71 | PCT | 22 | | P2 | 01C | -.97 | | TEC | TEH | .610 | SBAY2 | 15 | H | 131 | | |
| 170 | 101 | .38 | 80 | PCT | 13 | | P2 | 01C | -.13 | | TEC | TEH | .610 | SBAY2 | 15 | H | 132 | | |
| 170 | 101 | .66 | 80 | PCT | 19 | | P2 | 01C | .83 | | TEC | TEH | .610 | SBAY2 | 15 | H | 132 | | |
| 115 | 102 | .86 | 117 | PCT | 22 | | P2 | VS3 | 1.16 | | TEC | TEH | .610 | SBAY2 | 22 | H | 7 | | |
| 115 | 102 | .78 | 114 | PCT | 21 | | P2 | VS4 | -.83 | | TEC | TEH | .610 | SBAY2 | 22 | H | 7 | | |
| 171 | 102 | .39 | 61 | PCT | 14 | | P2 | 01C | .72 | | TEC | TEH | .610 | SBAY2 | 14 | H | 125 | | |
| 50 | 103 | .41 | 110 | PCT | 13 | | P2 | BW1 | .85 | | TEC | TEH | .610 | SBAY2 | 3 | H | 20 | | |
| 60 | 103 | .25 | 45 | PCT | 11 | | P2 | BW1 | -.82 | | TEC | TEH | .610 | SBAY2 | 2 | H | 93 | | |
| 88 | 103 | .32 | 94 | PCT | 11 | | P2 | BW1 | -.82 | | TEC | TEH | .610 | SBAY2 | 7 | H | 189 | | |
| 128 | 103 | .50 | 98 | PCT | 15 | | P2 | VS3 | .77 | | TEC | TEH | .610 | SBAY2 | 22 | H | 20 | | |
| 142 | 103 | .42 | 39 | PCT | 14 | | P2 | VS4 | .95 | | TEC | TEH | .610 | SBAY2 | 14 | H | 110 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 150 | 103 | .20 | 101 | PCT | 8 | | P2 | 10H | -.13 | | TEC | TEH | .610 | SBAY2 | 14 | H | 114 | | |
| 168 | 103 | .43 | 47 | PCT | 15 | | P2 | 01C | .91 | | TEC | TEH | .610 | SBAY2 | 14 | H | 123 | | |
| 170 | 103 | .40 | 34 | PCT | 14 | | P2 | 01C | -.70 | | TEC | TEH | .610 | SBAY2 | 14 | H | 124 | | |
| 47 | 104 | .38 | 86 | PCT | 15 | | P2 | BW1 | -1.08 | | TEC | TEH | .610 | SBAY2 | 4 | H | 53 | | |
| 47 | 104 | .83 | 100 | PCT | 24 | | P2 | BW1 | .90 | | TEC | TEH | .610 | SBAY2 | 4 | H | 53 | | |
| 47 | 104 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 19 | | |
| 49 | 104 | .92 | 102 | PCT | 23 | | P2 | BW1 | -.95 | | TEC | TEH | .610 | SBAY2 | 3 | H | 22 | | |
| 49 | 104 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 18 | | |
| 51 | 104 | .40 | 121 | PCT | 13 | | P2 | BW1 | .77 | | TEC | TEH | .610 | SBAY2 | 3 | H | 18 | | |
| 121 | 104 | .25 | 127 | PCT | 11 | | P2 | BW1 | -.89 | | TEC | TEH | .610 | SBAY1 | 23 | H | 9 | | |
| 169 | 104 | 1.16 | 74 | PCT | 26 | | P2 | BW2 | -.76 | | TEC | TEH | .610 | SBAY2 | 13 | H | 125 | | |
| 171 | 104 | .26 | 134 | PCT | 10 | | P2 | 01C | .78 | | TEC | TEH | .610 | SBAY2 | 13 | H | 124 | | |
| 126 | 105 | .24 | 35 | PCT | 11 | | P2 | BW1 | -.77 | | TEC | TEH | .610 | SBAY1 | 23 | H | 20 | | |
| 170 | 105 | .39 | 45 | PCT | 13 | | P2 | BW2 | .88 | | TEC | TEH | .610 | SBAY2 | 13 | H | 123 | | |
| 49 | 106 | 1.06 | 101 | PCT | 28 | | P2 | BW1 | -.97 | | TEC | TEH | .610 | SBAY2 | 4 | H | 52 | | |
| 49 | 106 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 17 | | |
| 75 | 106 | .57 | 93 | PCT | 17 | | P2 | VS3 | -.90 | | TEC | TEH | .610 | SBAY2 | 7 | H | 207 | | |
| 95 | 106 | .26 | 105 | PCT | 10 | | P2 | BW1 | -.74 | | TEC | TEH | .610 | SBAY2 | 7 | H | 217 | | |
| 171 | 106 | .33 | 38 | PCT | 12 | | P2 | 01C | .80 | | TEC | TEH | .610 | SBAY2 | 14 | H | 88 | | |
| 50 | 107 | .35 | 69 | PCT | 14 | | P2 | BW1 | .81 | | TEC | TEH | .610 | SBAY2 | 4 | H | 51 | | |
| 50 | 107 | .25 | 99 | PCT | 11 | | P2 | VS3 | .75 | | TEC | TEH | .610 | SBAY2 | 4 | H | 51 | | |
| 90 | 107 | .29 | 31 | PCT | 12 | | P2 | BW1 | -.83 | | TEC | TEH | .610 | SBAY2 | 7 | H | 237 | | |
| 96 | 107 | 1.02 | 111 | PCT | 25 | | P2 | VS4 | -.85 | | TEC | TEH | .610 | SBAY2 | 7 | H | 234 | | |
| 168 | 107 | .46 | 37 | PCT | 15 | | P2 | BW1 | -.85 | | TEC | TEH | .610 | SBAY2 | 14 | H | 86 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

30 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 49 | 108 | 1.42 | 107 | PCT | 32 | | P2 | BW1 | .88 | | TEC | TEH | .610 | SBAY2 | 4 | H | 54 | | |
| 49 | 108 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 14 | | |
| 51 | 108 | .30 | 104 | PCT | 12 | | P2 | BW2 | -.74 | | TEC | TEH | .610 | SBAY2 | 4 | H | 50 | | |
| 53 | 108 | 1.00 | 100 | PCT | 24 | | P2 | VS3 | .66 | | TEC | TEH | .610 | SBAY2 | 3 | H | 26 | | |
| 53 | 108 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 12 | | |
| 83 | 108 | .28 | 59 | PCT | 12 | | P2 | BW1 | .85 | | TEC | TEH | .610 | SBAY2 | 8 | H | 210 | | |
| 85 | 108 | .25 | 34 | PCT | 11 | | P2 | BW1 | .93 | | TEC | TEH | .610 | SBAY2 | 8 | H | 211 | | |
| 46 | 109 | 1.66 | 100 | PCT | 32 | | P2 | BW1 | -.99 | | TEC | TEH | .610 | SBAY2 | 3 | H | 51 | | |
| 46 | 109 | .43 | 123 | PCT | 14 | | P2 | BW1 | -.81 | | TEC | TEH | .610 | SBAY2 | 3 | H | 51 | | |
| 46 | 109 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 16 | | |
| 50 | 109 | .23 | 110 | PCT | 10 | | P2 | VS3 | .71 | | TEC | TEH | .610 | SBAY2 | 4 | H | 55 | | |
| 52 | 109 | .44 | 98 | PCT | 16 | | P2 | VS3 | .81 | | TEC | TEH | .610 | SBAY2 | 4 | H | 49 | | |
| 49 | 110 | .75 | 111 | PCT | 20 | | P2 | BW1 | .96 | | TEC | TEH | .610 | SBAY2 | 3 | H | 49 | | |
| 49 | 110 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 15 | | |
| 51 | 110 | .34 | 58 | PCT | 14 | | P2 | BW1 | .88 | | TEC | TEH | .610 | SBAY2 | 4 | H | 56 | | |
| 53 | 110 | .21 | 40 | PCT | 10 | | P2 | BW2 | -.88 | | TEC | TEH | .610 | SBAY2 | 4 | H | 48 | | |
| 74 | 111 | .25 | 39 | PCT | 10 | | P2 | VS3 | .79 | | TEC | TEH | .610 | SBAY2 | 9 | H | 61 | | |
| 138 | 111 | .44 | 44 | PCT | 15 | | P2 | VS1 | .61 | | TEC | TEH | .610 | SBAY2 | 14 | H | 34 | | |
| 164 | 111 | .35 | 20 | PCT | 13 | | P2 | BW1 | .77 | | TEC | TEH | .610 | SBAY2 | 14 | H | 47 | | |
| 166 | 111 | .38 | 66 | PCT | 14 | | P2 | BW1 | -.74 | | TEC | TEH | .610 | SBAY2 | 14 | H | 48 | | |
| 168 | 111 | .39 | 25 | PCT | 14 | | P2 | BW1 | -.82 | | TEC | TEH | .610 | SBAY2 | 14 | H | 49 | | |
| 168 | 111 | .41 | 29 | PCT | 14 | | P2 | BW1 | .85 | | TEC | TEH | .610 | SBAY2 | 14 | H | 49 | | |
| 47 | 112 | .45 | 100 | PCT | 14 | | P2 | BW1 | .96 | | TEC | TEH | .610 | SBAY2 | 5 | H | 13 | | |
| 97 | 112 | .20 | 111 | PCT | 9 | | P2 | BW1 | -.87 | | TEC | TEH | .610 | SBAY2 | 10 | H | 35 | | |
| 103 | 112 | .29 | 67 | PCT | 12 | | P2 | BW1 | .96 | | TEC | TEH | .610 | SBAY2 | 10 | H | 38 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 151 | 112 | .38 | 111 | PCT | 13 | | P2 | 11H | -.15 | | TEC | TEH | .610 | SBAY2 | 13 | H | 58 | | |
| 157 | 112 | .35 | 116 | PCT | 12 | | P2 | VS2 | -.63 | | TEC | TEH | .610 | SBAY2 | 13 | H | 55 | | |
| 165 | 112 | .45 | 107 | PCT | 14 | | P2 | BW1 | -.86 | | TEC | TEH | .610 | SBAY2 | 13 | H | 51 | | |
| 44 | 113 | .79 | 118 | PCT | 21 | | P2 | BW1 | -.86 | | TEC | TEH | .610 | SBAY2 | 5 | H | 15 | | |
| 44 | 113 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 13 | | |
| 48 | 113 | 1.02 | 100 | PCT | 26 | | P2 | 09C | -1.65 | | TEC | TEH | .610 | SBAY2 | 6 | H | 15 | | |
| 48 | 113 | | | TBP | | | | | | | VS3 | TEC | .610 | NBAZ1 | 235 | C | 12 | | |
| 58 | 113 | .29 | 94 | PCT | 10 | | P2 | BW1 | 2.65 | | TEC | TEH | .610 | SBAY2 | 3 | H | 31 | | |
| 132 | 113 | .16 | 77 | PCT | 8 | | P2 | 11H | -1.60 | | TEC | TEH | .610 | SBAY1 | 23 | H | 61 | | |
| 168 | 113 | .37 | 108 | PCT | 12 | | P2 | BW2 | -.84 | | TEC | TEH | .610 | SBAY2 | 13 | H | 47 | | |
| 170 | 113 | .28 | 73 | PCT | 10 | | P2 | VS2 | -.91 | | TEC | TEH | .610 | SBAY2 | 13 | H | 48 | | |
| 43 | 114 | 1.33 | 117 | PCT | 28 | | P2 | BW2 | -.74 | | TEC | TEH | .610 | SBAY2 | 5 | H | 16 | | |
| 43 | 114 | | | TBP | | | | | | | VS3 | TEC | .610 | NBAZ1 | 235 | C | 11 | | |
| 47 | 114 | .31 | 111 | PCT | 12 | | P2 | BW1 | .96 | | TEC | TEH | .610 | SBAY2 | 6 | H | 16 | | |
| 55 | 114 | .26 | 125 | PCT | 11 | | P2 | BW1 | 1.74 | | TEC | TEH | .610 | SBAY2 | 4 | H | 60 | | |
| 57 | 114 | .25 | 107 | PCT | 11 | | P2 | BW1 | 2.09 | | TEC | TEH | .610 | SBAY2 | 4 | H | 44 | | |
| 131 | 114 | .37 | 97 | PCT | 12 | | P2 | BW2 | 1.06 | | TEC | TEH | .610 | SBAY2 | 22 | H | 81 | | |
| 167 | 114 | .47 | 28 | PCT | 16 | | P2 | BW2 | -.83 | | TEC | TEH | .610 | SBAY2 | 14 | H | 16 | | |
| 42 | 115 | .27 | 46 | PCT | 10 | | P2 | BW2 | 1.01 | | TEC | TEH | .610 | SBAY2 | 5 | H | 17 | | |
| 48 | 115 | .26 | 140 | PCT | 10 | | P2 | VS3 | .84 | | TEC | TEH | .610 | SBAY2 | 6 | H | 13 | | |
| 50 | 115 | .34 | 76 | PCT | 12 | | P2 | BW1 | -.93 | | TEC | TEH | .610 | SBAY2 | 3 | H | 126 | | |
| 132 | 115 | .17 | 33 | PCT | 6 | | P2 | 11H | -1.42 | | TEC | TEH | .610 | SBAY2 | 22 | H | 84 | | |
| 43 | 116 | 2.37 | 106 | PCT | 38 | | P2 | BW1 | .83 | | TEC | TEH | .610 | SBAY2 | 5 | H | 9 | | |
| 43 | 116 | .27 | 110 | PCT | 10 | | P2 | BW2 | -.84 | | TEC | TEH | .610 | SBAY2 | 5 | H | 9 | | |
| 43 | 116 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 8 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

33 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 45 | 116 | .58 | 123 | PCT | 18 | | P2 | BW1 | .85 | | TEC | TEH | .610 | SBAY2 | 6 | H | 18 | | |
| 45 | 116 | .38 | 92 | PCT | 14 | | P2 | BW2 | -.74 | | TEC | TEH | .610 | SBAY2 | 6 | H | 18 | | |
| 47 | 116 | .35 | 133 | PCT | 13 | | P2 | BW1 | -1.10 | | TEC | TEH | .610 | SBAY2 | 6 | H | 12 | | |
| 49 | 116 | .38 | 54 | PCT | 13 | | P2 | BW1 | .96 | | TEC | TEH | .610 | SBAY2 | 3 | H | 127 | | |
| 105 | 116 | .23 | 61 | PCT | 10 | | P2 | BW1 | -1.12 | | TEC | TEH | .610 | SBAY2 | 10 | H | 90 | | |
| 121 | 116 | .27 | 47 | PCT | 11 | | P2 | VS2 | .74 | | TEC | TEH | .610 | SBAY1 | 23 | H | 75 | | |
| 40 | 117 | .28 | 90 | PCT | 10 | | P2 | BW1 | -.40 | | TEC | TEH | .610 | SBAY2 | 5 | H | 19 | | |
| 40 | 117 | .33 | 128 | PCT | 12 | | P2 | BW2 | -.93 | | TEC | TEH | .610 | SBAY2 | 5 | H | 19 | | |
| 46 | 117 | .21 | 142 | PCT | 9 | | P2 | BW1 | -1.28 | | TEC | TEH | .610 | SBAY2 | 6 | H | 11 | | |
| 46 | 117 | .43 | 120 | PCT | 15 | | P2 | BW1 | -.73 | | TEC | TEH | .610 | SBAY2 | 6 | H | 11 | | |
| 46 | 117 | .42 | 130 | PCT | 15 | | P2 | VS3 | .81 | | TEC | TEH | .610 | SBAY2 | 6 | H | 11 | | |
| 48 | 117 | .36 | 94 | PCT | 12 | | P2 | 09C | -1.21 | | TEC | TEH | .610 | SBAY2 | 3 | H | 128 | | |
| 90 | 117 | .24 | 59 | PCT | 10 | | P2 | 10H | -1.71 | | TEC | TEH | .610 | SBAY2 | 10 | H | 104 | | |
| 96 | 117 | .27 | 49 | PCT | 11 | | P2 | VS2 | -.91 | | TEC | TEH | .610 | SBAY2 | 10 | H | 102 | | |
| 140 | 117 | .47 | 96 | PCT | 15 | | P2 | VS1 | .65 | | TEC | TEH | .610 | SBAY2 | 11 | H | 210 | | |
| 158 | 117 | .32 | 39 | PCT | 11 | | P2 | VS3 | .92 | | TEC | TEH | .610 | SBAY2 | 13 | H | 7 | | |
| 43 | 118 | .47 | 90 | PCT | 16 | | P2 | BW1 | -1.01 | | TEC | TEH | .610 | SBAY2 | 6 | H | 20 | | |
| 43 | 118 | .66 | 93 | PCT | 20 | | P2 | BW1 | .96 | | TEC | TEH | .610 | SBAY2 | 6 | H | 20 | | |
| 43 | 118 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 11 | | |
| 45 | 118 | .58 | 123 | PCT | 19 | | P2 | BW1 | -1.21 | | TEC | TEH | .610 | SBAY2 | 6 | H | 10 | | |
| 47 | 118 | .31 | 60 | PCT | 11 | | P2 | BW1 | 1.01 | | TEC | TEH | .610 | SBAY2 | 3 | H | 129 | | |
| 49 | 118 | .36 | 65 | PCT | 12 | | P2 | BW1 | .89 | | TEC | TEH | .610 | SBAY2 | 3 | H | 123 | | |
| 97 | 118 | .37 | 116 | PCT | 13 | | P2 | BW1 | -.82 | | TEC | TEH | .610 | SBAY2 | 9 | H | 137 | | |
| 163 | 118 | .21 | 55 | PCT | 10 | | P2 | VS5 | .94 | | TEC | TEH | .610 | SBAY2 | 12 | H | 201 | | |
| 165 | 118 | .21 | 35 | PCT | 10 | | P2 | VS5 | .82 | | TEC | TEH | .610 | SBAY2 | 12 | H | 200 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 169 | 118 | .46 | 117 | PCT | 17 | | P2 | BW2 | -.77 | | TEC | TEH | .610 | SBAY2 | 12 | H | 198 | | |
| 40 | 119 | .44 | 75 | PCT | 14 | | P2 | BW1 | -1.07 | | TEC | TEH | .610 | SBAY2 | 5 | H | 7 | | |
| 42 | 119 | .94 | 103 | PCT | 25 | | P2 | BW1 | -1.09 | | TEC | TEH | .610 | SBAY2 | 6 | H | 21 | | |
| 42 | 119 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 10 | | |
| 48 | 119 | .37 | 135 | PCT | 12 | | P2 | BW1 | .89 | | TEC | TEH | .610 | SBAY2 | 3 | H | 122 | | |
| 48 | 119 | .37 | 91 | PCT | 12 | | P2 | 09C | -1.69 | | TEC | TEH | .610 | SBAY2 | 3 | H | 122 | | |
| 90 | 119 | .20 | 95 | PCT | 7 | | P2 | 10H | -1.23 | | TEC | TEH | .610 | SBAY2 | 9 | H | 156 | | |
| 132 | 119 | .12 | 56 | PCT | 5 | | P2 | 11H | -.53 | | TEC | TEH | .610 | SBAY2 | 22 | H | 106 | | |
| 132 | 119 | .25 | 48 | PCT | 9 | | P2 | BW1 | -.77 | | TEC | TEH | .610 | SBAY2 | 22 | H | 106 | | |
| 39 | 120 | 1.24 | 107 | PCT | 27 | | P2 | BW1 | .85 | | TEC | TEH | .610 | SBAY2 | 5 | H | 6 | | |
| 39 | 120 | .88 | 123 | PCT | 22 | | P2 | BW2 | -.91 | | TEC | TEH | .610 | SBAY2 | 5 | H | 6 | | |
| 39 | 120 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 7 | | |
| 41 | 120 | .70 | 113 | PCT | 21 | | P2 | BW1 | -1.05 | | TEC | TEH | .610 | SBAY2 | 6 | H | 22 | | |
| 41 | 120 | .58 | 86 | PCT | 18 | | P2 | BW1 | .87 | | TEC | TEH | .610 | SBAY2 | 6 | H | 22 | | |
| 41 | 120 | .46 | 129 | PCT | 16 | | P2 | BW2 | -.90 | | TEC | TEH | .610 | SBAY2 | 6 | H | 22 | | |
| 41 | 120 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 9 | | |
| 43 | 120 | .28 | 99 | PCT | 11 | | P2 | BW1 | .90 | | TEC | TEH | .610 | SBAY2 | 6 | H | 8 | | |
| 73 | 120 | .24 | 68 | PCT | 10 | | P2 | BW1 | .91 | | TEC | TEH | .610 | SBAY2 | 10 | H | 124 | | |
| 111 | 120 | .28 | 75 | PCT | 12 | | P2 | VS2 | -.77 | | TEC | TEH | .610 | SBAY2 | 10 | H | 143 | | |
| 151 | 120 | .32 | 61 | PCT | 11 | | P2 | VS1 | -.94 | | TEC | TEH | .610 | SBAY2 | 11 | H | 199 | | |
| 38 | 121 | .29 | 65 | PCT | 11 | | P2 | BW1 | -.96 | | TEC | TEH | .610 | SBAY2 | 5 | H | 5 | | |
| 38 | 121 | .85 | 115 | PCT | 22 | | P2 | VS3 | .89 | | TEC | TEH | .610 | SBAY2 | 5 | H | 5 | | |
| 38 | 121 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 6 | | |
| 40 | 121 | .51 | 110 | PCT | 17 | | P2 | BW2 | -.79 | | TEC | TEH | .610 | SBAY2 | 6 | H | 23 | | |
| 42 | 121 | .25 | 117 | PCT | 10 | | P2 | VS3 | .76 | | TEC | TEH | .610 | SBAY2 | 6 | H | 7 | | |
| 42 | 121 | .25 | 97 | PCT | 10 | | P2 | BW2 | -.74 | | TEC | TEH | .610 | SBAY2 | 6 | H | 7 | | |
| 48 | 121 | .34 | 110 | PCT | 13 | | P2 | 09C | -1.57 | | TEC | TEH | .610 | SBAY2 | 4 | H | 114 | | |

SG - 11 Calls of Interest

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| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 37 | 122 | .47 | 120 | PCT | 15 | | P2 | BW2 | -.95 | | TEC | TEH | .610 | SBAY2 | 3 | H | 150 | | |
| 39 | 122 | .23 | 141 | PCT | 10 | | P2 | VS3 | .78 | | TEC | TEH | .610 | SBAY2 | 6 | H | 24 | | |
| 41 | 122 | .33 | 129 | PCT | 13 | | P2 | BW2 | -.75 | | TEC | TEH | .610 | SBAY2 | 6 | H | 6 | | |
| 165 | 122 | .46 | 93 | PCT | 18 | | P2 | BW2 | .98 | | TEC | TEH | .610 | SBAY2 | 12 | H | 165 | | |
| 167 | 122 | .33 | 61 | PCT | 14 | | P2 | BW2 | 1.00 | | TEC | TEH | .610 | SBAY2 | 12 | H | 164 | | |
| 32 | 123 | .40 | 102 | PCT | 14 | | P2 | VS3 | -.65 | | TEC | TEH | .610 | SBAY2 | 6 | H | 40 | | |
| 34 | 123 | .76 | 124 | PCT | 20 | | P2 | BW2 | -.78 | | TEC | TEH | .610 | SBAY2 | 5 | H | 21 | | |
| 34 | 123 | | | TBP | | | | | | | VS3 | TEC | .610 | NBAZ1 | 235 | C | 9 | | |
| 36 | 123 | .43 | 60 | PCT | 14 | | P2 | BW1 | 1.07 | | TEC | TEH | .610 | SBAY2 | 3 | H | 149 | | |
| 38 | 123 | .24 | 57 | PCT | 10 | | P2 | BW1 | -1.17 | | TEC | TEH | .610 | SBAY2 | 6 | H | 25 | | |
| 40 | 123 | .25 | 66 | PCT | 10 | | P2 | BW1 | .95 | | TEC | TEH | .610 | SBAY2 | 6 | H | 5 | | |
| 48 | 123 | .47 | 77 | PCT | 17 | | P2 | 09C | -1.64 | | TEC | TEH | .610 | SBAY2 | 4 | H | 104 | | |
| 58 | 123 | .29 | 98 | PCT | 10 | | P2 | BW1 | -.76 | | TEC | TEH | .610 | SBAY2 | 3 | H | 87 | | |
| 108 | 123 | .20 | 127 | PCT | 10 | | P2 | BW2 | -1.70 | | TEC | TEH | .610 | SBAY2 | 12 | H | 45 | | |
| 152 | 123 | .22 | 127 | PCT | 10 | | P2 | VS1 | .70 | | TEC | TEH | .610 | SBAY2 | 12 | H | 155 | | |
| 162 | 123 | .21 | 137 | PCT | 10 | | P2 | VS5 | .85 | | TEC | TEH | .610 | SBAY2 | 12 | H | 160 | | |
| 166 | 123 | .43 | 42 | PCT | 17 | | P2 | BW2 | .86 | | TEC | TEH | .610 | SBAY2 | 12 | H | 162 | | |
| 31 | 124 | .61 | 126 | PCT | 19 | | P2 | BW1 | .85 | | TEC | TEH | .610 | SBAY2 | 6 | H | 39 | | |
| 35 | 124 | .78 | 89 | PCT | 21 | | P2 | BW1 | -.94 | | TEC | TEH | .610 | SBAY2 | 3 | H | 148 | | |
| 35 | 124 | .40 | 137 | PCT | 13 | | P2 | BW1 | -.28 | | TEC | TEH | .610 | SBAY2 | 3 | H | 148 | | |
| 35 | 124 | | | TBP | | | | | | | VS3 | TEH | .610 | NBAZ1 | 40 | H | 5 | | |
| 39 | 124 | .31 | 39 | PCT | 13 | | P2 | BW1 | -.96 | | TEC | TEH | .610 | SBAY2 | 4 | H | 130 | | |
| 41 | 124 | .32 | 105 | PCT | 11 | | P2 | VS3 | .75 | | TEC | TEH | .610 | SBAY2 | 3 | H | 135 | | |
| 113 | 124 | .21 | 106 | PCT | 10 | | P2 | VS2 | .84 | | TEC | TEH | .610 | SBAY1 | 23 | H | 116 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

35 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 165 | 124 | 1.10 | 106 | PCT | 26 | | P2 | BW2 | -.68 | | TEC | TEH | .610 | SBAY2 | 11 | H | 156 | | |
| 167 | 124 | .40 | 107 | PCT | 13 | | P2 | BW2 | -.64 | | TEC | TEH | .610 | SBAY2 | 11 | H | 155 | | |
| 128 | 125 | .30 | 90 | PCT | 12 | | P2 | BW2 | -.80 | | TEC | TEH | .610 | SBAY1 | 23 | H | 130 | | |
| 164 | 125 | 1.22 | 124 | PCT | 27 | | P2 | BW2 | .86 | | TEC | TEH | .610 | SBAY2 | 11 | H | 153 | | |
| 166 | 125 | .90 | 116 | PCT | 23 | | P2 | BW2 | -.85 | | TEC | TEH | .610 | SBAY2 | 11 | H | 154 | | |
| 25 | 126 | .31 | 100 | PCT | 11 | | P2 | BW1 | .93 | | TEC | TEH | .610 | SBAY2 | 5 | H | 29 | | |
| 51 | 126 | .26 | 70 | PCT | 11 | | P2 | 09H | .70 | | TEC | TEH | .610 | SBAY2 | 4 | H | 92 | | |
| 51 | 126 | .22 | 94 | PCT | 10 | | P2 | VS3 | .74 | | TEC | TEH | .610 | SBAY2 | 4 | H | 92 | | |
| 75 | 126 | .22 | 45 | PCT | 11 | | P2 | BW1 | .68 | | TEC | TEH | .610 | SBAY2 | 12 | H | 66 | | |
| 79 | 126 | .42 | 99 | PCT | 17 | | P2 | BW1 | .83 | | TEC | TEH | .610 | SBAY2 | 12 | H | 64 | | |
| 111 | 126 | .23 | 108 | PCT | 11 | | P2 | BW2 | .81 | | TEC | TEH | .610 | SBAY2 | 12 | H | 48 | | |
| 131 | 126 | .30 | 57 | PCT | 10 | | P2 | BW2 | .72 | | TEC | TEH | .610 | SBAY2 | 22 | H | 147 | | |
| 145 | 126 | .53 | 120 | PCT | 19 | | P2 | VS3 | -.89 | | TEC | TEH | .610 | SBAY2 | 12 | H | 141 | | |
| 149 | 126 | .30 | 74 | PCT | 13 | | P2 | VS1 | .74 | | TEC | TEH | .610 | SBAY2 | 12 | H | 139 | | |
| 165 | 126 | 1.05 | 105 | PCT | 28 | | P2 | BW2 | -.87 | | TEC | TEH | .610 | SBAY2 | 12 | H | 128 | | |
| 24 | 127 | .48 | 139 | PCT | 14 | | P2 | BW1 | 1.08 | | TEH | TEC | .610 | SBAY1 | 24 | C | 69 | | |
| 28 | 127 | .26 | 53 | PCT | 10 | | P2 | BW1 | .86 | | TEC | TEH | .610 | SBAY2 | 6 | H | 36 | | |
| 88 | 127 | .26 | 107 | PCT | 12 | | P2 | BW1 | -.80 | | TEC | TEH | .610 | SBAY2 | 12 | H | 86 | | |
| 108 | 127 | .21 | 111 | PCT | 10 | | P2 | BW2 | 2.28 | | TEC | TEH | .610 | SBAY2 | 12 | H | 96 | | |
| 124 | 127 | .40 | 98 | PCT | 16 | | P2 | BW2 | -.81 | | TEC | TEH | .610 | SBAY2 | 12 | H | 105 | | |
| 146 | 127 | .22 | 59 | PCT | 10 | | P2 | VS1 | .81 | | TEC | TEH | .610 | SBAY2 | 12 | H | 116 | | |
| 152 | 127 | .24 | 72 | PCT | 11 | | P2 | BW2 | -.72 | | TEC | TEH | .610 | SBAY2 | 12 | H | 119 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 156 | 127 | .24 | 57 | PCT | 11 | | P2 | BW2 | -.75 | | TEC | TEH | .610 | SBAY2 | 12 | H | 121 | | |
| 158 | 127 | .23 | 81 | PCT | 11 | | P2 | BW2 | -.83 | | TEC | TEH | .610 | SBAY2 | 12 | H | 122 | | |
| 160 | 127 | .60 | 64 | PCT | 20 | | P2 | BW2 | -.74 | | TEC | TEH | .610 | SBAY2 | 12 | H | 123 | | |
| 162 | 127 | .67 | 80 | PCT | 22 | | P2 | BW2 | -.78 | | TEC | TEH | .610 | SBAY2 | 12 | H | 124 | | |
| 39 | 128 | .43 | 48 | PCT | 14 | | P2 | BW1 | .80 | | TEC | TEH | .610 | SBAY2 | 3 | H | 113 | | |
| 49 | 128 | .30 | 133 | PCT | 12 | | P2 | 08H | .69 | | TEC | TEH | .610 | SBAY2 | 4 | H | 94 | | |
| 127 | 128 | .28 | 125 | PCT | 12 | | P2 | BW2 | .83 | | TEC | TEH | .610 | SBAY1 | 23 | H | 140 | | |
| 141 | 128 | .30 | 49 | PCT | 11 | | P2 | BW2 | 1.06 | | TEC | TEH | .610 | SBAY2 | 11 | H | 135 | | |
| 163 | 128 | .80 | 96 | PCT | 21 | | P2 | BW2 | .91 | | TEC | TEH | .610 | SBAY2 | 11 | H | 124 | | |
| 165 | 128 | .38 | 99 | PCT | 15 | | P2 | BW1 | -.94 | | TEC | TEH | .610 | SBAY2 | 12 | H | 127 | | |
| 165 | 128 | .55 | 78 | PCT | 20 | | P2 | BW2 | -.84 | | TEC | TEH | .610 | SBAY2 | 12 | H | 127 | | |
| 90 | 129 | .27 | 84 | PCT | 10 | | P2 | 10H | -1.00 | | TEC | TEH | .610 | SBAY2 | 11 | H | 82 | | |
| 132 | 129 | .20 | 74 | PCT | 8 | | P2 | VS1 | .69 | | TEC | TEH | .610 | SBAY2 | 11 | H | 104 | | |
| 152 | 129 | .33 | 42 | PCT | 12 | | P2 | BW2 | -.82 | | TEC | TEH | .610 | SBAY2 | 11 | H | 114 | | |
| 162 | 129 | .60 | 106 | PCT | 18 | | P2 | BW2 | .87 | | TEC | TEH | .610 | SBAY2 | 11 | H | 119 | | |
| 13 | 130 | .27 | 130 | PCT | 10 | | P2 | BW1 | .90 | | TEH | TEC | .610 | SBAY1 | 23 | C | 46 | | |
| 41 | 130 | .28 | 90 | PCT | 12 | | P2 | VS3 | .84 | | TEC | TEH | .610 | SBAY2 | 4 | H | 97 | | |
| 111 | 130 | .37 | 98 | PCT | 11 | | P2 | BW1 | .91 | | TEH | TEC | .610 | SBAY2 | 6 | C | 253 | | |
| 129 | 130 | .31 | 82 | PCT | 10 | | P2 | VS2 | -.68 | | TEH | TEC | .610 | SBAY2 | 2 | C | 18 | | |
| 129 | 130 | .44 | 81 | PCT | 13 | | P2 | VS2 | .75 | | TEH | TEC | .610 | SBAY2 | 2 | C | 18 | | |
| 159 | 130 | .42 | 135 | PCT | 13 | | P2 | BW2 | .76 | | TEH | TEC | .610 | SBAY2 | 2 | C | 33 | | |
| 161 | 130 | .62 | 125 | PCT | 17 | | P2 | BW2 | .82 | | TEH | TEC | .610 | SBAY2 | 2 | C | 34 | | |
| 163 | 130 | .62 | 133 | PCT | 17 | | P2 | BW2 | .84 | | TEH | TEC | .610 | SBAY2 | 2 | C | 35 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

SG - 11 Calls of Interest

Palo Verde 1 U1R19

PVNGS1 20160401

04/25/2016 08:22:19

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 165 | 130 | .57 | 113 | PCT | 16 | | P2 | BW2 | .85 | | TEH | TEC | .610 | SBAY2 | 2 | C | 36 | | |
| 88 | 131 | .24 | 127 | PCT | 10 | | P2 | BW1 | -.76 | | TEH | TEC | .610 | SBAY2 | 7 | C | 38 | | |
| 90 | 131 | .11 | 102 | PCT | 5 | | P2 | 10H | -.99 | | TEH | TEC | .610 | SBAY2 | 5 | C | 225 | | |
| 156 | 131 | .38 | 93 | PCT | 12 | | P2 | BW2 | -.79 | | TEH | TEC | .610 | SBAY2 | 2 | C | 41 | | |
| 158 | 131 | .35 | 130 | PCT | 11 | | P2 | BW2 | .77 | | TEH | TEC | .610 | SBAY2 | 2 | C | 40 | | |
| 162 | 131 | .74 | 50 | PCT | 19 | | P2 | BW2 | .85 | | TEH | TEC | .610 | SBAY2 | 2 | C | 38 | | |
| 164 | 131 | 1.23 | 105 | PCT | 26 | | P2 | BW2 | .89 | | TEH | TEC | .610 | SBAY2 | 2 | C | 37 | | |
| 35 | 132 | .33 | 114 | PCT | 12 | | P2 | VS3 | .56 | | TEH | TEC | .610 | SBAY2 | 9 | C | 106 | | |
| 87 | 132 | .30 | 53 | PCT | 11 | | P2 | BW1 | 1.00 | | TEH | TEC | .610 | SBAY2 | 8 | C | 8 | | |
| 97 | 132 | .39 | 90 | PCT | 14 | | P2 | BW1 | -.80 | | TEH | TEC | .610 | SBAY2 | 5 | C | 204 | | |
| 143 | 132 | .36 | 127 | PCT | 13 | | P2 | VS4 | -.78 | | TEH | TEC | .610 | SBAY2 | 1 | C | 23 | | |
| 163 | 132 | .29 | 61 | PCT | 11 | | P2 | BW2 | .80 | | TEH | TEC | .610 | SBAY2 | 1 | C | 33 | | |
| 98 | 133 | .30 | 133 | PCT | 10 | | P2 | BW1 | 1.05 | | TEH | TEC | .610 | SBAY2 | 6 | C | 235 | | |
| 118 | 133 | .43 | 111 | PCT | 13 | | P2 | BW1 | -.77 | | TEH | TEC | .610 | SBAY2 | 6 | C | 260 | | |
| 126 | 133 | .18 | 96 | PCT | 8 | | P2 | VS2 | 1.23 | | TEH | TEC | .610 | SBAY2 | 1 | C | 52 | | |
| 136 | 133 | .12 | 90 | PCT | 5 | | P2 | VS1 | .95 | | TEH | TEC | .610 | SBAY2 | 1 | C | 47 | | |
| 154 | 133 | .25 | 148 | PCT | 10 | | P2 | BW2 | -.87 | | TEH | TEC | .610 | SBAY2 | 1 | C | 38 | | |
| 103 | 134 | .32 | 102 | PCT | 10 | | P2 | BW1 | .99 | | TEH | TEC | .610 | SBAY2 | 6 | C | 222 | | |
| 119 | 134 | .32 | 72 | PCT | 11 | | P2 | BW1 | 1.19 | | TEH | TEC | .610 | SBAY2 | 8 | C | 7 | | |
| 90 | 135 | .24 | 74 | PCT | 10 | | P2 | 10H | -.99 | | TEH | TEC | .610 | SBAY2 | 5 | C | 200 | | |
| 104 | 135 | .40 | 78 | PCT | 14 | | P2 | VS2 | .85 | | TEH | TEC | .610 | SBAY2 | 5 | C | 193 | | |
| 12 | 137 | .17 | 84 | PCT | 7 | | P2 | 05H | .13 | | TEH | TEC | .610 | SBAY1 | 23 | C | 37 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

38 of 85

SG - 11 Calls of Interest

Palo Verde 1 U1R19

PVNGS1 20160401

04/25/2016 08:22:19

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 62 | 137 | .28 | 118 | PCT | 10 | | P2 | VS3 | -.73 | | TEH | TEC | .610 | SBAY2 | 8 | C | 55 | | |
| 90 | 137 | .32 | 97 | PCT | 10 | | P2 | 10H | -.65 | | TEH | TEC | .610 | SBAY2 | 6 | C | 213 | | |
| 122 | 137 | .48 | 72 | PCT | 14 | | P2 | VS1 | .89 | | TEH | TEC | .610 | SBAY2 | 6 | C | 195 | | |
| 130 | 137 | .29 | 97 | PCT | 11 | | P2 | VS1 | .77 | | TEH | TEC | .610 | SBAY2 | 1 | C | 89 | | |
| 154 | 137 | .38 | 116 | PCT | 14 | | P2 | BW2 | -.91 | | TEH | TEC | .610 | SBAY2 | 1 | C | 77 | | |
| 122 | 139 | .42 | 83 | PCT | 13 | | P2 | VS1 | .87 | | TEH | TEC | .610 | SBAY2 | 2 | C | 141 | | |
| 140 | 139 | .34 | 113 | PCT | 11 | | P2 | BW1 | -.78 | | TEH | TEC | .610 | SBAY2 | 2 | C | 132 | | |
| 101 | 140 | .24 | 104 | PCT | 10 | | P2 | BW1 | 1.10 | | TEH | TEC | .610 | SBAY2 | 5 | C | 128 | | |
| 125 | 140 | .26 | 120 | PCT | 10 | | P2 | VS1 | -.68 | | TEH | TEC | .610 | SBAY2 | 1 | C | 94 | | |
| 125 | 140 | .26 | 88 | PCT | 10 | | P2 | VS2 | -.78 | | TEH | TEC | .610 | SBAY2 | 1 | C | 94 | | |
| 159 | 140 | .24 | 105 | PCT | 10 | | P2 | BW2 | .90 | | TEH | TEC | .610 | SBAY2 | 1 | C | 111 | | |
| 152 | 141 | .24 | 61 | PCT | 10 | | P2 | BW2 | -.82 | | TEH | TEC | .610 | SBAY2 | 1 | C | 115 | | |
| 158 | 141 | .48 | 123 | PCT | 16 | | P2 | BW2 | -.80 | | TEH | TEC | .610 | SBAY2 | 1 | C | 112 | | |
| 41 | 142 | .33 | 50 | PCT | 10 | | P2 | BW1 | -.97 | | TEH | TEC | .610 | SBAY2 | 10 | C | 215 | | |
| 101 | 142 | .32 | 66 | PCT | 10 | | P2 | VS2 | .84 | | TEH | TEC | .610 | SBAY2 | 6 | C | 135 | | |
| 46 | 143 | .24 | 143 | PCT | 10 | | P2 | BW1 | .74 | | TEH | TEC | .610 | SBAY2 | 9 | C | 201 | | |
| 104 | 143 | .33 | 127 | PCT | 12 | | P2 | BW1 | -.76 | | TEH | TEC | .610 | SBAY2 | 5 | C | 105 | | |
| 134 | 143 | .31 | 63 | PCT | 10 | | P2 | BW2 | -.87 | | TEH | TEC | .610 | SBAY2 | 2 | C | 172 | | |
| 119 | 144 | .26 | 53 | PCT | 10 | | P2 | BW2 | .87 | | TEH | TEC | .610 | SBAY2 | 5 | C | 95 | | |
| 139 | 144 | .28 | 57 | PCT | 11 | | P2 | VS1 | -.78 | | TEH | TEC | .610 | SBAY2 | 1 | C | 138 | | |
| 141 | 144 | .54 | 117 | PCT | 17 | | P2 | VS3 | -.95 | | TEH | TEC | .610 | SBAY2 | 1 | C | 139 | | |
| 153 | 144 | .24 | 127 | PCT | 10 | | P2 | BW2 | .97 | | TEH | TEC | .610 | SBAY2 | 1 | C | 145 | | |
| 44 | 145 | .34 | 142 | PCT | 10 | | P2 | VS3 | -.74 | | TEH | TEC | .610 | SBAY2 | 10 | C | 233 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

39 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 84 | 145 | .33 | 91 | PCT | 10 | | P2 | VS3 | .84 | | TEH | TEC | .610 | SBAY2 | 6 | C | 118 | | |
| 106 | 145 | .33 | 88 | PCT | 10 | | P2 | BW1 | -1.35 | | TEH | TEC | .610 | SBAY2 | 6 | C | 105 | | |
| 77 | 146 | .25 | 59 | PCT | 10 | | P2 | BW1 | .93 | | TEH | TEC | .610 | SBAY2 | 7 | C | 106 | | |
| 105 | 146 | .32 | 93 | PCT | 10 | | P2 | VS2 | .81 | | TEH | TEC | .610 | SBAY2 | 6 | C | 90 | | |
| 123 | 146 | .36 | 46 | PCT | 11 | | P2 | VS3 | -.84 | | TEH | TEC | .610 | SBAY2 | 2 | C | 180 | | |
| 76 | 147 | .26 | 56 | PCT | 10 | | P2 | VS2 | .80 | | TEH | TEC | .610 | SBAY2 | 7 | C | 122 | | |
| 86 | 147 | .37 | 108 | PCT | 13 | | P2 | VS2 | .73 | | TEH | TEC | .610 | SBAY2 | 5 | C | 72 | | |
| 104 | 147 | .32 | 124 | PCT | 12 | | P2 | BW1 | -.23 | | TEH | TEC | .610 | SBAY2 | 5 | C | 64 | | |
| 114 | 147 | .32 | 51 | PCT | 12 | | P2 | BW2 | -.90 | | TEH | TEC | .610 | SBAY2 | 5 | C | 59 | | |
| 126 | 147 | .67 | 118 | PCT | 20 | | P2 | VS2 | 1.19 | | TEH | TEC | .610 | SBAY2 | 1 | C | 6 | | |
| 45 | 148 | .31 | 41 | PCT | 12 | | P2 | BW1 | .90 | | TEH | TEC | .610 | SBAY2 | 9 | C | 267 | | |
| 75 | 148 | .27 | 50 | PCT | 10 | | P2 | BW1 | .85 | | TEH | TEC | .610 | SBAY2 | 8 | C | 114 | | |
| 99 | 148 | .35 | 142 | PCT | 12 | | P2 | BW1 | -.80 | | TEH | TEC | .610 | SBAY2 | 5 | C | 44 | | |
| 101 | 148 | .45 | 97 | PCT | 15 | | P2 | BW1 | -.75 | | TEH | TEC | .610 | SBAY2 | 5 | C | 45 | | |
| 103 | 148 | .25 | 150 | PCT | 10 | | P2 | BW1 | -.71 | | TEH | TEC | .610 | SBAY2 | 5 | C | 46 | | |
| 109 | 148 | .34 | 86 | PCT | 12 | | P2 | BW1 | -1.96 | | TEH | TEC | .610 | SBAY2 | 5 | C | 49 | | |
| 115 | 148 | .56 | 82 | PCT | 17 | | P2 | VS3 | -.75 | | TEH | TEC | .610 | SBAY2 | 5 | C | 52 | | |
| 139 | 148 | .36 | 81 | PCT | 13 | | P2 | VS1 | .82 | | TEH | TEC | .610 | SBAY2 | 1 | C | 163 | | |
| 141 | 148 | .55 | 114 | PCT | 17 | | P2 | VS3 | -.76 | | TEH | TEC | .610 | SBAY2 | 1 | C | 164 | | |
| 58 | 149 | .43 | 143 | PCT | 14 | | P2 | BW1 | .71 | | TEH | TEC | .610 | SBAY2 | 8 | C | 123 | | |
| 62 | 149 | .34 | 82 | PCT | 12 | | P2 | VS3 | -.86 | | TEH | TEC | .610 | SBAY2 | 8 | C | 127 | | |
| 68 | 149 | .27 | 98 | PCT | 10 | | P2 | BW1 | -.98 | | TEH | TEC | .610 | SBAY2 | 8 | C | 130 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

40 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 84 | 149 | .58 | 122 | PCT | 16 | | P2 | VS2 | .77 | | TEH | TEC | .610 | SBAY2 | 6 | C | 71 | | |
| 140 | 149 | .24 | 51 | PCT | 10 | | P2 | BW1 | -.85 | | TEH | TEC | .610 | SBAY2 | 1 | C | 176 | | |
| 59 | 150 | .36 | 63 | PCT | 12 | | P2 | VS2 | -1.10 | | TEH | TEC | .610 | SBAY2 | 12 | C | 14 | | |
| 101 | 150 | .93 | 100 | PCT | 22 | | P2 | VS3 | -.93 | | TEH | TEC | .610 | SBAY2 | 6 | C | 38 | | |
| 109 | 150 | .25 | 55 | PCT | 8 | | P2 | VS3 | -.76 | | TEH | TEC | .610 | SBAY2 | 6 | C | 42 | | |
| 70 | 151 | .26 | 112 | PCT | 10 | | P2 | VS2 | .75 | | TEH | TEC | .610 | SBAY2 | 7 | C | 138 | | |
| 84 | 151 | .33 | 111 | PCT | 12 | | P2 | VS2 | .72 | | TEH | TEC | .610 | SBAY2 | 7 | C | 145 | | |
| 102 | 151 | .33 | 76 | PCT | 10 | | P2 | VS2 | .80 | | TEH | TEC | .610 | SBAY2 | 4 | C | 39 | | |
| 148 | 151 | .36 | 118 | PCT | 11 | | P2 | 11H | .87 | | TEH | TEC | .610 | SBAY2 | 4 | C | 17 | | |
| 35 | 152 | .28 | 66 | PCT | 11 | | P2 | BW1 | 1.02 | | TEH | TEC | .610 | SBAY2 | 11 | C | 70 | | |
| 79 | 152 | .28 | 69 | PCT | 10 | | P2 | VS2 | -.70 | | TEH | TEC | .610 | SBAY2 | 8 | C | 139 | | |
| 117 | 152 | .46 | 62 | PCT | 13 | | P2 | VS3 | .99 | | TEH | TEC | .610 | SBAY2 | 4 | C | 56 | | |
| 135 | 152 | .29 | 51 | PCT | 11 | | P2 | VS4 | -.80 | | TEH | TEC | .610 | SBAY2 | 3 | C | 6 | | |
| 137 | 152 | .54 | 70 | PCT | 17 | | P2 | VS4 | -.93 | | TEH | TEC | .610 | SBAY2 | 3 | C | 7 | | |
| 132 | 153 | .36 | 134 | PCT | 13 | | P2 | 11H | -1.72 | | TEH | TEC | .610 | SBAY2 | 3 | C | 28 | | |
| 79 | 154 | .25 | 56 | PCT | 10 | | P2 | BW1 | 1.14 | | TEH | TEC | .610 | SBAY2 | 7 | C | 162 | | |
| 125 | 154 | .34 | 68 | PCT | 13 | | P2 | VS3 | -.89 | | TEH | TEC | .610 | SBAY2 | 3 | C | 58 | | |
| 68 | 155 | .26 | 102 | PCT | 10 | | P2 | BW1 | -.92 | | TEH | TEC | .610 | SBAY2 | 7 | C | 176 | | |
| 90 | 155 | .19 | 94 | PCT | 7 | | P2 | 10H | -.38 | | TEH | TEC | .610 | SBAY2 | 7 | C | 187 | | |
| 104 | 155 | .33 | 115 | PCT | 10 | | P2 | BW1 | .48 | | TEH | TEC | .610 | SBAY2 | 4 | C | 79 | | |
| 79 | 156 | .27 | 118 | PCT | 10 | | P2 | 09C | .42 | | TEH | TEC | .610 | SBAY2 | 8 | C | 184 | | |
| 135 | 156 | .46 | 103 | PCT | 13 | | P2 | VS2 | -.36 | | TEH | TEC | .610 | SBAY2 | 4 | C | 102 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 33 | 158 | .29 | 31 | PCT | 10 | | P2 | BW1 | 1.09 | | TEH | TEC | .610 | SBAY2 | 12 | C | 129 | | |
| 75 | 158 | .32 | 66 | PCT | 12 | | P2 | VS2 | -.84 | | TEH | TEC | .610 | SBAY2 | 7 | C | 202 | | |
| 109 | 158 | .28 | 134 | PCT | 11 | | P2 | BW1 | -.81 | | TEH | TEC | .610 | SBAY2 | 3 | C | 96 | | |
| 109 | 158 | .49 | 121 | PCT | 16 | | P2 | VS4 | -.88 | | TEH | TEC | .610 | SBAY2 | 3 | C | 96 | | |
| 119 | 158 | .23 | 78 | PCT | 10 | | P2 | BW1 | .81 | | TEH | TEC | .610 | SBAY2 | 3 | C | 101 | | |
| 84 | 159 | .32 | 100 | PCT | 12 | | P2 | VS2 | .75 | | TEH | TEC | .610 | SBAY2 | 7 | C | 222 | | |
| 88 | 159 | .28 | 66 | PCT | 11 | | P2 | VS2 | .85 | | TEH | TEC | .610 | SBAY2 | 7 | C | 224 | | |
| 86 | 161 | .37 | 131 | PCT | 12 | | P2 | VS2 | .77 | | TEH | TEC | .610 | SBAY2 | 8 | C | 259 | | |
| 92 | 161 | .28 | 81 | PCT | 10 | | P2 | VS2 | .71 | | TEH | TEC | .610 | SBAY2 | 8 | C | 262 | | |
| 106 | 161 | .39 | 122 | PCT | 14 | | P2 | BW2 | -1.42 | | TEH | TEC | .610 | SBAY2 | 3 | C | 129 | | |
| 108 | 161 | .28 | 125 | PCT | 11 | | P2 | BW2 | -1.85 | | TEH | TEC | .610 | SBAY2 | 3 | C | 128 | | |
| 111 | 162 | .29 | 86 | PCT | 11 | | P2 | BW1 | .97 | | TEH | TEC | .610 | SBAY2 | 3 | C | 138 | | |
| 117 | 162 | .30 | 88 | PCT | 12 | | P2 | BW1 | .80 | | TEH | TEC | .610 | SBAY2 | 3 | C | 141 | | |
| 76 | 163 | .30 | 115 | PCT | 11 | | P2 | VS2 | .78 | | TEH | TEC | .610 | SBAY2 | 9 | C | 27 | | |
| 84 | 163 | .36 | 126 | PCT | 13 | | P2 | VS2 | .87 | | TEH | TEC | .610 | SBAY2 | 9 | C | 31 | | |
| 122 | 163 | .31 | 96 | PCT | 10 | | P2 | VS4 | -.72 | | TEH | TEC | .610 | SBAY2 | 4 | C | 160 | | |
| 79 | 164 | .33 | 142 | DSI | | | P1 | 09C | .90 | | TEH | TEC | .610 | SBAY2 | 10 | C | 9 | | |
| 115 | 164 | .36 | 49 | PCT | 11 | | P2 | BW2 | .86 | | TEH | TEC | .610 | SBAY2 | 4 | C | 182 | | |
| 129 | 164 | .48 | 76 | PCT | 14 | | P2 | VS1 | .89 | | TEH | TEC | .610 | SBAY2 | 4 | C | 189 | | |
| 129 | 164 | .32 | 50 | PCT | 10 | | P2 | BW2 | .84 | | TEH | TEC | .610 | SBAY2 | 4 | C | 189 | | |
| 100 | 165 | .32 | 55 | PCT | 12 | | P2 | VS2 | .92 | | TEH | TEC | .610 | SBAY2 | 3 | C | 172 | | |
| 132 | 165 | .66 | 127 | PCT | 19 | | P2 | 11H | .78 | | TEH | TEC | .610 | SBAY2 | 3 | C | 156 | | |
| 132 | 165 | .26 | 59 | PCT | 10 | | P2 | BW1 | -.60 | | TEH | TEC | .610 | SBAY2 | 3 | C | 156 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 134 | 165 | .27 | 38 | PCT | 11 | | P2 | VS3 | .93 | | TEH | TEC | .610 | SBAY2 | 3 | C | 152 | | |
| 113 | 166 | .26 | 43 | PCT | 10 | | P2 | VS1 | -.82 | | TEH | TEC | .610 | SBAY2 | 3 | C | 180 | | |
| 101 | 168 | .45 | 49 | PCT | 13 | | P2 | VS3 | -1.04 | | TEH | TEC | .610 | SBAY2 | 4 | C | 211 | | |
| 127 | 168 | .32 | 141 | PCT | 10 | | P2 | BW1 | .96 | | TEH | TEC | .610 | SBAY2 | 4 | C | 224 | | |
| 120 | 169 | .30 | 136 | PCT | 12 | | P2 | BW2 | -1.06 | | TEH | TEC | .610 | SBAY2 | 3 | C | 194 | | |
| 29 | 170 | .35 | 74 | PCT | 13 | | P2 | VS3 | .88 | | TEH | TEC | .610 | SBAY1 | 15 | C | 92 | | |
| 113 | 170 | .24 | 107 | PCT | 10 | | P2 | BW2 | 1.02 | | TEH | TEC | .610 | SBAY2 | 3 | C | 212 | | |
| 117 | 170 | .26 | 62 | PCT | 10 | | P2 | BW1 | .86 | | TEH | TEC | .610 | SBAY2 | 3 | C | 214 | | |
| 119 | 170 | .27 | 48 | PCT | 11 | | P2 | VS2 | -.60 | | TEH | TEC | .610 | SBAY2 | 3 | C | 215 | | |
| 121 | 170 | .26 | 60 | PCT | 10 | | P2 | VS2 | .71 | | TEH | TEC | .610 | SBAY2 | 3 | C | 216 | | |
| 125 | 170 | .28 | 76 | PCT | 11 | | P2 | BW1 | .72 | | TEH | TEC | .610 | SBAY2 | 3 | C | 218 | | |
| 116 | 171 | .31 | 107 | PCT | 10 | | P2 | BW1 | .99 | | TEH | TEC | .610 | SBAY2 | 4 | C | 229 | | |
| 69 | 172 | .74 | 65 | NQI | | | P1 | VS4 | -.36 | | TEH | TEC | .610 | SBAY2 | 14 | C | 54 | | |
| 71 | 172 | .50 | 120 | PCT | 14 | | P2 | VS3 | -.98 | | TEH | TEC | .610 | SBAY2 | 14 | C | 55 | | |
| 123 | 172 | .21 | 150 | PCT | 9 | | P2 | VS3 | -1.18 | | TEH | TEC | .610 | SBAY2 | 3 | C | 222 | | |
| 122 | 173 | .28 | 67 | PCT | 11 | | P2 | VS4 | -.75 | | TEH | TEC | .610 | SBAY2 | 3 | C | 223 | | |
| 84 | 175 | .37 | 140 | PCT | 11 | | P2 | VS2 | .72 | | TEH | TEC | .610 | SBAY2 | 14 | C | 64 | | |
| 82 | 177 | .26 | 111 | PCT | 10 | | P2 | 09C | .88 | | TEH | TEC | .610 | SBAY2 | 13 | C | 67 | | |
| 106 | 177 | .28 | 36 | PCT | 11 | | P2 | BW2 | -.85 | | TEH | TEC | .610 | SBAY2 | 3 | C | 250 | | |
| 108 | 177 | .24 | 51 | PCT | 10 | | P2 | BW2 | -.88 | | TEH | TEC | .610 | SBAY2 | 3 | C | 251 | | |
| 112 | 177 | .32 | 83 | PCT | 12 | | P2 | BW2 | -.84 | | TEH | TEC | .610 | SBAY2 | 5 | C | 6 | | |
| 49 | 178 | .21 | 83 | PCT | 8 | | P2 | BW1 | -.73 | | TEH | TEC | .610 | SBAY2 | 13 | C | 85 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

43 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 48 | 179 | .17 | 116 | PCT | 7 | | P2 | 09C | -1.25 | | TEH | TEC | .610 | SBAY2 | 13 | C | 134 | | |
| 104 | 179 | .28 | 107 | PCT | 9 | | P2 | BW2 | -.94 | | TEH | TEC | .610 | SBAY2 | 6 | C | 23 | | |
| 79 | 180 | .25 | 81 | PCT | 10 | | P2 | VS4 | -.44 | | TEH | TEC | .610 | SBAY1 | 23 | C | 139 | | |
| 85 | 180 | .27 | 116 | PCT | 10 | | P2 | BW1 | .88 | | TEH | TEC | .610 | SBAY1 | 23 | C | 142 | | |
| 87 | 180 | .77 | 122 | PCT | 21 | | P2 | BW1 | .97 | | TEH | TEC | .610 | SBAY1 | 23 | C | 143 | | |
| 87 | 180 | .28 | 124 | PCT | 10 | | P2 | 09C | .86 | | TEH | TEC | .610 | SBAY1 | 23 | C | 143 | | |
| 89 | 180 | .31 | 115 | PCT | 11 | | P2 | BW1 | .23 | | TEH | TEC | .610 | SBAY1 | 23 | C | 144 | | |
| 91 | 180 | .25 | 139 | PCT | 10 | | P2 | BW1 | 1.07 | | TEH | TEC | .610 | SBAY1 | 23 | C | 145 | | |
| 95 | 180 | .26 | 131 | PCT | 10 | | P2 | BW1 | -1.01 | | TEH | TEC | .610 | SBAY1 | 23 | C | 147 | | |
| 56 | 181 | .32 | 136 | PCT | 10 | | P2 | VS3 | -1.09 | | TEH | TEC | .610 | SBAY1 | 24 | C | 82 | | |
| 8 | 183 | .24 | 94 | PCT | 10 | | P2 | BW1 | .99 | | TEH | TEC | .610 | SBAY1 | 19 | C | 125 | | |
| 83 | 184 | .31 | 81 | PCT | 11 | | P2 | BW1 | 1.00 | | TEH | TEC | .610 | SBAY1 | 23 | C | 103 | | |
| 10 | 185 | .24 | 141 | PCT | 10 | | P2 | BW1 | -.94 | | TEH | TEC | .610 | SBAY1 | 19 | C | 117 | | |
| 90 | 185 | .31 | 138 | PCT | 10 | | P2 | BW1 | -.97 | | TEH | TEC | .610 | SBAY1 | 24 | C | 140 | | |
| 94 | 185 | .32 | 97 | PCT | 10 | | P2 | BW1 | -.66 | | TEH | TEC | .610 | SBAY1 | 24 | C | 138 | | |
| 85 | 188 | .27 | 100 | PCT | 12 | | P2 | 09C | .66 | | TEH | TEC | .610 | SBAY1 | 25 | C | 32 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

APPENDIX C

STEAM GENERATOR 12

SUMMARY DATA SHEETS

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 22 | 5 | .24 | 103 | PCT | 10 | | P2 | BW1 | .85 | | TEH | TEC | .610 | SBAY1 | 224 | C | 93 | | |
| 61 | 10 | .25 | 37 | PCT | 10 | | P2 | VS3 | -.76 | | TEH | TEC | .610 | SBAY2 | 201 | C | 204 | | |
| 55 | 12 | .49 | 92 | PCT | 14 | | P2 | BW2 | -1.32 | | TEH | TEC | .610 | SBAY2 | 226 | C | 7 | | |
| 92 | 17 | .47 | 110 | PCT | 16 | | P2 | VS3 | -1.05 | | TEH | TEC | .610 | SBAY2 | 201 | C | 124 | | |
| 98 | 19 | .35 | 151 | NQI | | | 3 | TSH | .84 | | TEH | TEC | .610 | SBAY2 | 201 | C | 115 | | |
| 51 | 22 | .27 | 125 | PCT | 10 | | P2 | VS3 | 1.24 | | TEH | TEC | .610 | SBAY1 | 228 | C | 16 | | |
| 107 | 24 | .25 | 34 | PCT | 10 | | P2 | VS2 | -.70 | | TEH | TEC | .610 | SBAY2 | 201 | C | 69 | | |
| 41 | 26 | .27 | 49 | PCT | 10 | | P2 | VS3 | 1.00 | | TEH | TEC | .610 | SBAY1 | 228 | C | 30 | | |
| 118 | 31 | .30 | 57 | PCT | 11 | | P2 | BW1 | -1.93 | | TEH | TEC | .610 | SBAY2 | 203 | C | 23 | | |
| 124 | 33 | .91 | 117 | PCT | 23 | | P2 | 10H | .00 | | TEH | TEC | .610 | SBAY2 | 203 | C | 27 | | |
| 111 | 34 | .25 | 32 | PCT | 9 | | P2 | BW2 | -.75 | | TEH | TEC | .610 | SBAY2 | 203 | C | 165 | | |
| 61 | 38 | .25 | 128 | PCT | 10 | | P2 | 09C | .69 | | TEH | TEC | .610 | SBAY2 | 205 | C | 5 | | |
| 65 | 38 | .32 | 83 | PCT | 12 | | P2 | BW1 | .98 | | TEH | TEC | .610 | SBAY2 | 205 | C | 7 | | |
| 77 | 38 | .26 | 145 | PCT | 11 | | P2 | VS4 | -.62 | | TEH | TEC | .610 | SBAY2 | 205 | C | 13 | | |
| 99 | 38 | .26 | 141 | PCT | 11 | | P2 | BW2 | .81 | | TEH | TEC | .610 | SBAY2 | 205 | C | 24 | | |
| 125 | 38 | .42 | 44 | PCT | 12 | | P2 | VS2 | .70 | | TEH | TEC | .610 | SBAY2 | 204 | C | 59 | | |
| 62 | 39 | .32 | 129 | PCT | 12 | | P2 | VS3 | .88 | | TEH | TEC | .610 | SBAY2 | 205 | C | 61 | | |
| 86 | 39 | .30 | 123 | PCT | 12 | | P2 | VS2 | -.67 | | TEH | TEC | .610 | SBAY2 | 205 | C | 49 | | |
| 102 | 39 | .28 | 147 | PCT | 11 | | P2 | VS2 | -.73 | | TEH | TEC | .610 | SBAY2 | 205 | C | 41 | | |
| 119 | 40 | .56 | 76 | PCT | 15 | | P2 | VS2 | -.77 | | TEH | TEC | .610 | SBAY2 | 206 | C | 192 | | |
| 125 | 40 | .86 | 110 | PCT | 20 | | P2 | VS2 | -.91 | | TEH | TEC | .610 | SBAY2 | 206 | C | 195 | | |
| 125 | 40 | 1.30 | 123 | PCT | 26 | | P2 | VS2 | -.58 | | TEH | TEC | .610 | SBAY2 | 206 | C | 195 | | |
| 135 | 40 | .32 | 47 | PCT | 11 | | P2 | VS3 | -.88 | | TEH | TEC | .610 | SBAY2 | 203 | C | 36 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 10 | 41 | .31 | 57 | PCT | 11 | | P2 | BW2 | -.86 | | TEH | TEC | .610 | SBAY2 | 216 | C | 99 | | |
| 101 | 42 | .35 | 51 | PCT | 13 | | P2 | BW1 | .93 | | TEH | TEC | .610 | SBAY2 | 205 | C | 83 | | |
| 117 | 42 | .43 | 118 | PCT | 15 | | P2 | VS2 | -.84 | | TEH | TEC | .610 | SBAY2 | 205 | C | 90 | | |
| 117 | 42 | .28 | 139 | PCT | 11 | | P2 | VS4 | -.87 | | TEH | TEC | .610 | SBAY2 | 205 | C | 90 | | |
| 32 | 43 | .21 | 126 | PCT | 7 | | P2 | VS3 | -.84 | | TEH | TEC | .610 | SBAY1 | 229 | C | 149 | | |
| 92 | 43 | .28 | 123 | PCT | 11 | | P2 | BW1 | -.94 | | TEH | TEC | .610 | SBAY2 | 205 | C | 103 | | |
| 94 | 43 | .31 | 116 | PCT | 12 | | P2 | BW1 | -.63 | | TEH | TEC | .610 | SBAY2 | 205 | C | 102 | | |
| 102 | 43 | .35 | 122 | PCT | 13 | | P2 | BW1 | -.81 | | TEH | TEC | .610 | SBAY2 | 205 | C | 98 | | |
| 122 | 43 | .29 | 153 | PCT | 11 | | P2 | VS1 | .53 | | TEH | TEC | .610 | SBAY2 | 205 | C | 194 | | |
| 122 | 43 | .66 | 129 | PCT | 20 | | P2 | VS2 | .90 | | TEH | TEC | .610 | SBAY2 | 205 | C | 194 | | |
| 122 | 43 | .43 | 117 | PCT | 15 | | P2 | VS3 | .94 | | TEH | TEC | .610 | SBAY2 | 205 | C | 194 | | |
| 128 | 43 | .34 | 127 | PCT | 13 | | P2 | VS1 | -.85 | | TEH | TEC | .610 | SBAY2 | 205 | C | 191 | | |
| 130 | 43 | .49 | 143 | PCT | 17 | | P2 | BW2 | -.77 | | TEH | TEC | .610 | SBAY2 | 205 | C | 190 | | |
| 75 | 44 | .87 | 78 | PCT | 21 | | P2 | VS3 | -.71 | | TEH | TEC | .610 | SBAY2 | 206 | C | 76 | | |
| 85 | 44 | .28 | 93 | PCT | 9 | | P2 | VS2 | .70 | | TEH | TEC | .610 | SBAY2 | 206 | C | 81 | | |
| 123 | 44 | .39 | 79 | PCT | 12 | | P2 | VS2 | .78 | | TEH | TEC | .610 | SBAY2 | 206 | C | 205 | | |
| 139 | 44 | .28 | 38 | PCT | 10 | | P2 | BW1 | .92 | | TEH | TEC | .610 | SBAY2 | 203 | C | 40 | | |
| 120 | 45 | .46 | 80 | PCT | 14 | | P2 | VS4 | -.87 | | TEH | TEC | .610 | SBAY2 | 206 | C | 216 | | |
| 124 | 45 | .69 | 94 | PCT | 18 | | P2 | VS2 | .87 | | TEH | TEC | .610 | SBAY2 | 206 | C | 214 | | |
| 81 | 46 | .26 | 146 | PCT | 11 | | P2 | VS2 | -.73 | | TEH | TEC | .610 | SBAY2 | 205 | C | 130 | | |
| 72 | 47 | .28 | 127 | PCT | 11 | | P2 | VS3 | -.89 | | TEH | TEC | .610 | SBAY2 | 205 | C | 172 | | |
| 110 | 47 | .33 | 143 | PCT | 13 | | P2 | BW1 | -.76 | | TEH | TEC | .610 | SBAY2 | 205 | C | 153 | | |
| 122 | 47 | .49 | 136 | PCT | 17 | | P2 | VS3 | -.64 | | TEH | TEC | .610 | SBAY2 | 205 | C | 211 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 51 | 48 | .28 | 58 | PCT | 12 | | P2 | VS3 | .89 | | TEH | TEC | .610 | SBAY2 | 235 | C | 8 | | |
| 131 | 48 | .37 | 95 | PCT | 12 | | P2 | VS2 | -.65 | | TEH | TEC | .610 | SBAY2 | 206 | C | 226 | | |
| 130 | 49 | .73 | 91 | PCT | 18 | | P2 | VS1 | -.68 | | TEH | TEC | .610 | SBAY2 | 206 | C | 232 | | |
| 130 | 49 | 1.11 | 106 | PCT | 24 | | P2 | VS3 | -.67 | | TEH | TEC | .610 | SBAY2 | 206 | C | 232 | | |
| 146 | 49 | .35 | 56 | PCT | 12 | | P2 | BW1 | .85 | | TEH | TEC | .610 | SBAY2 | 203 | C | 63 | | |
| 115 | 50 | .30 | 92 | PCT | 10 | | P2 | VS3 | -.71 | | TEH | TEC | .610 | SBAY2 | 208 | C | 237 | | |
| 137 | 50 | .36 | 57 | PCT | 12 | | P2 | VS1 | -.88 | | TEH | TEC | .610 | SBAY2 | 207 | C | 10 | | |
| 105 | 52 | .33 | 48 | PCT | 12 | | P2 | VS2 | -.78 | | TEH | TEC | .610 | SBAY2 | 211 | C | 46 | | |
| 143 | 52 | .28 | 61 | PCT | 9 | | P2 | VS3 | .62 | | TEH | TEC | .610 | SBAY2 | 204 | C | 112 | | |
| 38 | 53 | .26 | 19 | PCT | 10 | | P2 | VS3 | -.76 | | TEH | TEC | .610 | SBAY2 | 213 | C | 86 | | |
| 124 | 53 | .31 | 63 | PCT | 11 | | P2 | VS1 | -.83 | | TEH | TEC | .610 | SBAY2 | 207 | C | 202 | | |
| 124 | 53 | .38 | 66 | PCT | 13 | | P2 | VS2 | .89 | | TEH | TEC | .610 | SBAY2 | 207 | C | 202 | | |
| 128 | 53 | .70 | 95 | PCT | 19 | | P2 | VS1 | -.87 | | TEH | TEC | .610 | SBAY2 | 207 | C | 204 | | |
| 128 | 53 | .93 | 121 | PCT | 23 | | P2 | VS3 | .79 | | TEH | TEC | .610 | SBAY2 | 207 | C | 204 | | |
| 115 | 54 | .57 | 70 | PCT | 15 | | P2 | VS2 | -.78 | | TEH | TEC | .610 | SBAY2 | 208 | C | 216 | | |
| 127 | 54 | .56 | 97 | PCT | 15 | | P2 | VS3 | .93 | | TEH | TEC | .610 | SBAY2 | 208 | C | 210 | | |
| 127 | 54 | .32 | 80 | PCT | 10 | | P2 | VS4 | -.84 | | TEH | TEC | .610 | SBAY2 | 208 | C | 210 | | |
| 145 | 54 | .27 | 93 | PCT | 9 | | P2 | VS2 | .13 | | TEH | TEC | .610 | SBAY2 | 204 | C | 110 | | |
| 114 | 55 | .34 | 74 | PCT | 11 | | P2 | VS2 | -.71 | | TEH | TEC | .610 | SBAY2 | 208 | C | 194 | | |
| 114 | 55 | .48 | 120 | PCT | 14 | | P2 | VS3 | -.88 | | TEH | TEC | .610 | SBAY2 | 208 | C | 194 | | |
| 116 | 55 | .37 | 80 | PCT | 11 | | P2 | VS2 | -.72 | | TEH | TEC | .610 | SBAY2 | 208 | C | 195 | | |
| 130 | 55 | .32 | 40 | PCT | 10 | | P2 | VS2 | -.76 | | TEH | TEC | .610 | SBAY2 | 208 | C | 204 | | |
| 101 | 56 | .30 | 37 | PCT | 12 | | P2 | BW1 | 1.08 | | TEH | TEC | .610 | SBAY2 | 209 | C | 269 | | |
| 113 | 56 | .40 | 49 | PCT | 14 | | P2 | VS2 | -.74 | | TEH | TEC | .610 | SBAY2 | 209 | C | 275 | | |
| 78 | 57 | .32 | 44 | PCT | 12 | | P2 | VS2 | -.71 | | TEH | TEC | .610 | SBAY2 | 209 | C | 240 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

SG - 12 Calls of Interest

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| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 118 | 57 | .41 | 125 | PCT | 14 | | P2 | VS2 | .94 | | TEH | TEC | .610 | SBAY2 | 207 | C | 177 | | |
| 92 | 59 | .41 | 41 | PCT | 12 | | P2 | BW1 | -.68 | | TEH | TEC | .610 | SBAY2 | 210 | C | 184 | | |
| 118 | 59 | .41 | 105 | PCT | 12 | | P2 | BW2 | .32 | | TEH | TEC | .610 | SBAY2 | 208 | C | 169 | | |
| 125 | 60 | .36 | 78 | PCT | 12 | | P2 | VS4 | .68 | | TEH | TEC | .610 | SBAY2 | 207 | C | 169 | | |
| 135 | 60 | .26 | 104 | PCT | 10 | | P2 | VS3 | -.94 | | TEH | TEC | .610 | SBAY2 | 207 | C | 164 | | |
| 135 | 60 | .40 | 98 | PCT | 14 | | P2 | VS3 | .62 | | TEH | TEC | .610 | SBAY2 | 207 | C | 164 | | |
| 48 | 61 | 1.15 | 105 | PCT | 27 | | P2 | 09C | -1.47 | | TEH | TEC | .610 | SBAY2 | 213 | C | 12 | | |
| 60 | 61 | .33 | 85 | PCT | 13 | | P2 | BW1 | -.74 | | TEH | TEC | .610 | SBAY2 | 209 | C | 195 | | |
| 45 | 62 | .33 | 93 | PCT | 11 | | P2 | BW1 | -.68 | | TEH | TEC | .610 | SBAY2 | 212 | C | 152 | | |
| 147 | 62 | .35 | 100 | PCT | 12 | | P2 | VS2 | .78 | | TEH | TEC | .610 | SBAY2 | 207 | C | 36 | | |
| 147 | 62 | .97 | 107 | PCT | 24 | | P2 | VS3 | -.83 | | TEH | TEC | .610 | SBAY2 | 207 | C | 36 | | |
| 120 | 63 | .80 | 73 | PCT | 19 | | P2 | VS2 | -.76 | | TEH | TEC | .610 | SBAY2 | 208 | C | 139 | | |
| 150 | 63 | 1.10 | 97 | PCT | 25 | | P2 | VS1 | .88 | | TEH | TEC | .610 | SBAY2 | 207 | C | 23 | | |
| 85 | 64 | .24 | 36 | PCT | 10 | | P2 | VS2 | -.73 | | TEH | TEC | .610 | SBAY2 | 209 | C | 154 | | |
| 136 | 65 | .43 | 77 | PCT | 14 | | P2 | VS3 | .73 | | TEH | TEC | .610 | SBAY2 | 207 | C | 128 | | |
| 146 | 65 | .32 | 60 | PCT | 10 | | P2 | VS3 | .95 | | TEH | TEC | .610 | SBAY2 | 208 | C | 43 | | |
| 39 | 66 | .28 | 93 | PCT | 10 | | P2 | 08C | .74 | | TEH | TEC | .610 | SBAY2 | 212 | C | 112 | | |
| 47 | 66 | .43 | 95 | PCT | 13 | | P2 | VS3 | -.69 | | TEH | TEC | .610 | SBAY2 | 212 | C | 116 | | |
| 147 | 66 | .40 | 53 | PCT | 12 | | P2 | VS3 | -.94 | | TEH | TEC | .610 | SBAY2 | 208 | C | 42 | | |
| 159 | 66 | .27 | 136 | PCT | 10 | | P2 | BW2 | .75 | | TEH | TEC | .610 | SBAY2 | 203 | C | 82 | | |
| 120 | 67 | .52 | 65 | PCT | 15 | | P2 | VS2 | -.69 | | TEH | TEC | .610 | SBAY2 | 208 | C | 104 | | |
| 9 | 68 | .26 | 65 | PCT | 11 | | P2 | BW2 | 1.24 | | TEH | TEC | .610 | SBAY2 | 215 | C | 30 | | |
| 113 | 68 | .24 | 40 | PCT | 10 | | P2 | BW1 | .72 | | TEH | TEC | .610 | SBAY2 | 209 | C | 112 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

49 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 147 | 68 | .20 | 56 | PCT | 8 | | P2 | VS3 | -.83 | | TEH | TEC | .610 | SBAY2 | 207 | C | 100 | | |
| 159 | 68 | .36 | 102 | PCT | 12 | | P2 | BW2 | .75 | | TEH | TEC | .610 | SBAY2 | 203 | C | 93 | | |
| 36 | 69 | .28 | 65 | PCT | 10 | | P2 | VS3 | -.73 | | TEH | TEC | .610 | SBAY2 | 211 | C | 97 | | |
| 118 | 69 | .61 | 90 | PCT | 18 | | P2 | VS3 | .88 | | TEH | TEC | .610 | SBAY2 | 207 | C | 85 | | |
| 122 | 69 | .31 | 59 | PCT | 11 | | P2 | BW1 | -.82 | | TEH | TEC | .610 | SBAY2 | 207 | C | 86 | | |
| 138 | 69 | .26 | 55 | PCT | 10 | | P2 | VS1 | .83 | | TEH | TEC | .610 | SBAY2 | 207 | C | 94 | | |
| 140 | 69 | .33 | 61 | PCT | 12 | | P2 | VS1 | -.69 | | TEH | TEC | .610 | SBAY2 | 207 | C | 95 | | |
| 41 | 70 | .10 | 150 | NQI | | | 3 | BW1 | 11.02 | | TEH | TEC | .610 | SBAY2 | 212 | C | 78 | | |
| 127 | 70 | .39 | 47 | PCT | 12 | | P2 | VS1 | -.85 | | TEH | TEC | .610 | SBAY2 | 208 | C | 92 | | |
| 6 | 71 | .67 | 22 | NQI | | | 3 | TSH | 10.69 | | TEH | TEC | .610 | SBAY2 | 216 | C | 8 | | |
| 44 | 71 | .35 | 32 | PCT | 11 | | P2 | VS3 | .92 | | TEH | TEC | .610 | SBAY2 | 212 | C | 58 | | |
| 46 | 71 | .36 | 95 | PCT | 12 | | P2 | VS3 | 1.00 | | TEH | TEC | .610 | SBAY2 | 212 | C | 57 | | |
| 140 | 71 | 1.49 | 113 | PCT | 28 | | P2 | VS2 | -.92 | | TEH | TEC | .610 | SBAY2 | 208 | C | 75 | | |
| 154 | 71 | .26 | 31 | PCT | 9 | | P2 | VS3 | .96 | | TEH | TEC | .610 | SBAY2 | 208 | C | 32 | | |
| 162 | 71 | .28 | 61 | PCT | 10 | | P2 | BW1 | -.75 | | TEH | TEC | .610 | SBAY2 | 203 | C | 88 | | |
| 113 | 72 | .25 | 61 | PCT | 10 | | P2 | BW1 | -.81 | | TEH | TEC | .610 | SBAY2 | 209 | C | 56 | | |
| 123 | 72 | .41 | 64 | PCT | 14 | | P2 | VS3 | -.73 | | TEH | TEC | .610 | SBAY2 | 207 | C | 78 | | |
| 163 | 72 | .28 | 88 | PCT | 10 | | P2 | BW2 | -.75 | | TEH | TEC | .610 | SBAY2 | 203 | C | 89 | | |
| 30 | 73 | .27 | 30 | PCT | 10 | | P2 | 08C | .57 | | TEH | TEC | .610 | SBAY2 | 211 | C | 66 | | |
| 40 | 73 | .36 | 40 | PCT | 13 | | P2 | 08C | .83 | | TEH | TEC | .610 | SBAY2 | 211 | C | 61 | | |
| 46 | 73 | .55 | 80 | PCT | 17 | | P2 | 08H | .45 | | TEH | TEC | .610 | SBAY2 | 211 | C | 58 | | |
| 104 | 73 | .78 | 87 | PCT | 22 | | P2 | VS3 | .97 | | TEH | TEC | .610 | SBAY2 | 209 | C | 9 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

51 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 140 | 73 | .35 | 61 | PCT | 12 | | P2 | VS1 | -.86 | | TEH | TEC | .610 | SBAY2 | 207 | C | 58 | | |
| 156 | 73 | .39 | 116 | PCT | 12 | | P2 | VS2 | -.62 | | TEH | TEC | .610 | SBAY2 | 208 | C | 34 | | |
| 160 | 73 | .71 | 113 | PCT | 18 | | P2 | BW2 | .75 | | TEH | TEC | .610 | SBAY2 | 204 | C | 91 | | |
| 119 | 74 | .42 | 24 | PCT | 13 | | P2 | VS3 | -.84 | | TEC | TEH | .610 | SBAY2 | 15 | H | 45 | | |
| 129 | 74 | .45 | 37 | PCT | 13 | | P2 | VS1 | -.82 | | TEC | TEH | .610 | SBAY2 | 15 | H | 40 | | |
| 156 | 75 | .82 | 73 | PCT | 19 | | P2 | VS1 | .92 | | TEC | TEH | .610 | SBAY2 | 9 | H | 48 | | |
| 156 | 75 | .33 | 135 | PCT | 10 | | P2 | VS2 | .79 | | TEC | TEH | .610 | SBAY2 | 9 | H | 48 | | |
| 160 | 75 | .34 | 36 | PCT | 10 | | P2 | VS3 | .86 | | TEC | TEH | .610 | SBAY2 | 9 | H | 50 | | |
| 162 | 75 | .37 | 151 | PCT | 11 | | P2 | BW1 | -.89 | | TEC | TEH | .610 | SBAY2 | 9 | H | 51 | | |
| 162 | 75 | .35 | 151 | PCT | 10 | | P2 | VS4 | .78 | | TEC | TEH | .610 | SBAY2 | 9 | H | 51 | | |
| 164 | 75 | .53 | 116 | PCT | 14 | | P2 | BW2 | -.83 | | TEC | TEH | .610 | SBAY2 | 9 | H | 52 | | |
| 137 | 76 | .49 | 135 | PCT | 15 | | P2 | VS3 | -1.13 | | TEC | TEH | .610 | SBAY2 | 10 | H | 33 | | |
| 159 | 76 | .29 | 41 | PCT | 10 | | P2 | BW2 | .72 | | TEC | TEH | .610 | SBAY2 | 10 | H | 22 | | |
| 161 | 76 | .20 | 91 | PCT | 7 | | P2 | BW1 | -.90 | | TEC | TEH | .610 | SBAY2 | 10 | H | 21 | | |
| 24 | 77 | .40 | 67 | PCT | 12 | | P2 | 08C | -.91 | | TEC | TEH | .610 | SBAY2 | 1 | H | 6 | | |
| 30 | 77 | .27 | 114 | PCT | 9 | | P2 | 08C | .92 | | TEC | TEH | .610 | SBAY2 | 2 | H | 13 | | |
| 46 | 77 | .50 | 125 | PCT | 13 | | P2 | BW1 | .86 | | TEC | TEH | .610 | SBAY2 | 5 | H | 11 | | |
| 48 | 77 | .28 | 71 | PCT | 9 | | P2 | 09C | -1.73 | | TEC | TEH | .610 | SBAY2 | 5 | H | 45 | | |
| 90 | 77 | .29 | 56 | PCT | 10 | | P2 | BW1 | -.90 | | VS3 | TEH | .610 | NBAZ1 | 24 | H | 23 | | |
| 114 | 77 | .30 | 134 | PCT | 10 | | P2 | VS2 | -.78 | | TEC | TEH | .610 | SBAY2 | 16 | H | 82 | | |
| 130 | 77 | .36 | 119 | PCT | 11 | | P2 | VS3 | .76 | | TEC | TEH | .610 | SBAY2 | 16 | H | 90 | | |
| 27 | 78 | .64 | 53 | PCT | 17 | | P2 | BW1 | -1.03 | | TEC | TEH | .610 | SBAY2 | 1 | H | 10 | | |
| 41 | 78 | .31 | 141 | PCT | 10 | | P2 | BW2 | -.83 | | TEC | TEH | .610 | SBAY2 | 3 | H | 47 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 47 | 78 | .72 | 125 | PCT | 17 | | P2 | BW1 | .81 | | TEC | TEH | .610 | SBAY2 | 5 | H | 12 | | |
| 30 | 79 | .34 | 153 | PCT | 11 | | P2 | BW1 | -.36 | | TEC | TEH | .610 | SBAY2 | 1 | H | 13 | | |
| 30 | 79 | .30 | 59 | PCT | 10 | | P2 | BW2 | -.88 | | TEC | TEH | .610 | SBAY2 | 1 | H | 13 | | |
| 40 | 79 | .30 | 46 | PCT | 10 | | P2 | BW2 | -.68 | | TEC | TEH | .610 | SBAY2 | 3 | H | 38 | | |
| 46 | 79 | .38 | 113 | PCT | 12 | | P2 | BW1 | -.98 | | TEC | TEH | .610 | SBAY2 | 4 | H | 54 | | |
| 76 | 79 | .45 | 107 | PCT | 13 | | P2 | VS3 | -.81 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 60 | | |
| 88 | 79 | .40 | 141 | PCT | 12 | | P2 | BW1 | -.92 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 54 | | |
| 116 | 79 | .24 | 52 | PCT | 8 | | P2 | VS2 | -.85 | | TEC | TEH | .610 | SBAY2 | 15 | H | 109 | | |
| 31 | 80 | .64 | 146 | PCT | 17 | | P2 | BW2 | -.88 | | TEC | TEH | .610 | SBAY2 | 1 | H | 14 | | |
| 33 | 80 | .40 | 131 | PCT | 12 | | P2 | BW1 | .83 | | TEC | TEH | .610 | SBAY2 | 2 | H | 97 | | |
| 35 | 80 | .35 | 30 | PCT | 11 | | P2 | BW1 | 1.02 | | TEC | TEH | .610 | SBAY2 | 2 | H | 22 | | |
| 35 | 80 | .35 | 41 | PCT | 11 | | P2 | BW2 | -.91 | | TEC | TEH | .610 | SBAY2 | 2 | H | 22 | | |
| 41 | 80 | .99 | 108 | PCT | 21 | | P2 | BW2 | -.83 | | TEC | TEH | .610 | SBAY2 | 3 | H | 37 | | |
| 41 | 80 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 27 | | |
| 43 | 80 | .46 | 47 | PCT | 13 | | P2 | BW2 | -.82 | | TEC | TEH | .610 | SBAY2 | 3 | H | 59 | | |
| 49 | 80 | .33 | 81 | PCT | 10 | | P2 | 08H | .81 | | TEC | TEH | .610 | SBAY2 | 5 | H | 14 | | |
| 105 | 80 | .30 | 113 | PCT | 10 | | P2 | VS3 | -.95 | | TEC | TEH | .610 | SBAY2 | 16 | H | 104 | | |
| 163 | 80 | .32 | 90 | PCT | 11 | | P2 | BW2 | .89 | | TEC | TEH | .610 | SBAY2 | 10 | H | 56 | | |
| 34 | 81 | .24 | 88 | PCT | 8 | | P2 | 08C | .86 | | TEC | TEH | .610 | SBAY2 | 2 | H | 98 | | |
| 58 | 81 | .49 | 49 | PCT | 13 | | P2 | BW1 | 1.02 | | TEC | TEH | .610 | SBAY2 | 5 | H | 56 | | |
| 162 | 81 | .28 | 44 | PCT | 10 | | P2 | BW2 | .92 | | TEC | TEH | .610 | SBAY2 | 10 | H | 87 | | |
| 164 | 81 | .28 | 144 | PCT | 10 | | P2 | BW2 | .87 | | TEC | TEH | .610 | SBAY2 | 10 | H | 88 | | |
| 168 | 81 | .39 | 99 | PCT | 13 | | P2 | BW2 | -.85 | | TEC | TEH | .610 | SBAY2 | 10 | H | 90 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 35 | 82 | .50 | 99 | PCT | 14 | | P2 | BW1 | .90 | | TEC | TEH | .610 | SBAY2 | 2 | H | 99 | | |
| 75 | 82 | .67 | 125 | PCT | 17 | | P2 | VS2 | .50 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 72 | | |
| 87 | 82 | .33 | 95 | PCT | 10 | | P2 | BW1 | -.77 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 78 | | |
| 48 | 83 | .76 | 122 | PCT | 19 | | P2 | 09C | -1.21 | | TEC | TEH | .610 | SBAY2 | 4 | H | 39 | | |
| 52 | 83 | .43 | 110 | PCT | 12 | | P2 | BW1 | -.82 | | TEC | TEH | .610 | SBAY2 | 5 | H | 17 | | |
| 168 | 83 | .38 | 105 | PCT | 11 | | P2 | BW2 | -.91 | | TEC | TEH | .610 | SBAY2 | 9 | H | 125 | | |
| 47 | 84 | .91 | 62 | PCT | 20 | | P2 | BW2 | .95 | | TEC | TEH | .610 | SBAY2 | 3 | H | 64 | | |
| 47 | 84 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 28 | | |
| 49 | 84 | .51 | 135 | PCT | 14 | | P2 | 08H | .81 | | TEC | TEH | .610 | SBAY2 | 4 | H | 38 | | |
| 121 | 84 | .28 | 115 | PCT | 9 | | P2 | VS3 | -1.09 | | TEC | TEH | .610 | SBAY2 | 16 | H | 134 | | |
| 163 | 84 | .46 | 131 | PCT | 14 | | P2 | VS5 | .85 | | TEC | TEH | .610 | SBAY2 | 10 | H | 94 | | |
| 48 | 85 | .29 | 120 | PCT | 9 | | P2 | 09C | -.82 | | TEC | TEH | .610 | SBAY2 | 3 | H | 61 | | |
| 116 | 85 | .34 | 139 | PCT | 11 | | P2 | BW1 | -.99 | | TEC | TEH | .610 | SBAY1 | 20 | H | 19 | | |
| 132 | 85 | .11 | 147 | PCT | 5 | | P2 | 11H | -.40 | | TEC | TEH | .610 | SBAY2 | 10 | H | 110 | | |
| 47 | 86 | .85 | 117 | PCT | 20 | | P2 | VS3 | -1.01 | | TEC | TEH | .610 | SBAY2 | 3 | H | 31 | | |
| 47 | 86 | .43 | 151 | PCT | 13 | | P2 | BW2 | .02 | | TEC | TEH | .610 | SBAY2 | 3 | H | 31 | | |
| 47 | 86 | 1.44 | 110 | PCT | 26 | | P2 | BW2 | 1.02 | | TEC | TEH | .610 | SBAY2 | 3 | H | 31 | | |
| 47 | 86 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 26 | | |
| 57 | 86 | .26 | 89 | PCT | 8 | | P2 | VS3 | 1.00 | | TEC | TEH | .610 | SBAY2 | 5 | H | 36 | | |
| 117 | 86 | .33 | 79 | PCT | 10 | | P2 | BW1 | -.70 | | TEC | TEH | .610 | SBAY1 | 19 | H | 34 | | |
| 119 | 86 | .38 | 146 | PCT | 12 | | P2 | BW1 | 1.00 | | TEC | TEH | .610 | SBAY1 | 19 | H | 33 | | |
| 161 | 86 | .33 | 38 | PCT | 10 | | P2 | VS2 | .56 | | TEC | TEH | .610 | SBAY2 | 9 | H | 130 | | |
| 90 | 87 | .22 | 64 | PCT | 7 | | P2 | 10H | -.26 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 112 | | |
| 118 | 87 | .78 | 120 | PCT | 19 | | P2 | VS3 | .82 | | TEC | TEH | .610 | SBAY1 | 19 | H | 58 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 43 | 88 | .83 | 112 | PCT | 20 | | P2 | BW1 | -.68 | | TEC | TEH | .610 | SBAY2 | 2 | H | 30 | | |
| 43 | 88 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 25 | | |
| 125 | 88 | .76 | 126 | PCT | 19 | | P2 | VS1 | .70 | | TEC | TEH | .610 | SBAY1 | 20 | H | 30 | | |
| 133 | 88 | .40 | 139 | PCT | 12 | | P2 | 11H | -1.00 | | TEC | TEH | .610 | SBAY2 | 13 | H | 209 | | |
| 141 | 88 | .45 | 119 | PCT | 13 | | P2 | VS1 | .36 | | TEC | TEH | .610 | SBAY2 | 13 | H | 205 | | |
| 42 | 89 | 1.11 | 97 | PCT | 23 | | P2 | BW2 | -.94 | | TEC | TEH | .610 | SBAY2 | 2 | H | 106 | | |
| 42 | 89 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 24 | | |
| 46 | 89 | .49 | 60 | PCT | 14 | | P2 | BW1 | -.88 | | TEC | TEH | .610 | SBAY2 | 2 | H | 53 | | |
| 48 | 89 | .57 | 79 | PCT | 15 | | P2 | BW1 | -.84 | | TEC | TEH | .610 | SBAY2 | 2 | H | 73 | | |
| 48 | 89 | .42 | 82 | PCT | 12 | | P2 | VS3 | -1.07 | | TEC | TEH | .610 | SBAY2 | 2 | H | 73 | | |
| 48 | 89 | .27 | 66 | PCT | 9 | | P2 | 09C | -1.31 | | TEC | TEH | .610 | SBAY2 | 2 | H | 73 | | |
| 50 | 89 | .32 | 128 | PCT | 10 | | P2 | VS3 | .89 | | TEC | TEH | .610 | SBAY2 | 3 | H | 28 | | |
| 160 | 89 | .50 | 66 | PCT | 15 | | P2 | VS1 | .81 | | TEC | TEH | .610 | SBAY2 | 10 | H | 140 | | |
| 43 | 90 | .53 | 88 | PCT | 15 | | P2 | BW1 | 1.04 | | TEC | TEH | .610 | SBAY2 | 2 | H | 107 | | |
| 43 | 90 | 1.71 | 107 | PCT | 29 | | P2 | BW2 | -.84 | | TEC | TEH | .610 | SBAY2 | 2 | H | 107 | | |
| 43 | 90 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 23 | | |
| 45 | 90 | .36 | 75 | PCT | 11 | | P2 | VS3 | -.98 | | TEC | TEH | .610 | SBAY2 | 2 | H | 32 | | |
| 45 | 90 | .79 | 95 | PCT | 19 | | P2 | VS3 | -.29 | | TEC | TEH | .610 | SBAY2 | 2 | H | 32 | | |
| 51 | 90 | .30 | 148 | PCT | 10 | | P2 | BW1 | .91 | | TEC | TEH | .610 | SBAY2 | 3 | H | 27 | | |
| 51 | 90 | .30 | 147 | PCT | 10 | | P2 | VS3 | .84 | | TEC | TEH | .610 | SBAY2 | 3 | H | 27 | | |
| 113 | 90 | .56 | 129 | PCT | 15 | | P2 | VS2 | .69 | | TEC | TEH | .610 | SBAY1 | 19 | H | 73 | | |
| 113 | 90 | .36 | 127 | PCT | 11 | | P2 | VS4 | .86 | | TEC | TEH | .610 | SBAY1 | 19 | H | 73 | | |
| 44 | 91 | 8.44 | 85 | PCT | 55 | | P2 | BW1 | .82 | | TEC | TEH | .610 | SBAY2 | 2 | H | 108 | | |
| 44 | 91 | .55 | 94 | PCT | 15 | | P2 | VS3 | .92 | | TEC | TEH | .610 | SBAY2 | 2 | H | 108 | | |
| 44 | 91 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 22 | | |
| 46 | 91 | .62 | 121 | PCT | 16 | | P2 | VS3 | .86 | | TEC | TEH | .610 | SBAY2 | 2 | H | 33 | | |
| 46 | 91 | .68 | 107 | PCT | 17 | | P2 | BW2 | 1.17 | | TEC | TEH | .610 | SBAY2 | 2 | H | 33 | | |
| 48 | 91 | .75 | 107 | PCT | 18 | | P2 | VS3 | .80 | | TEC | TEH | .610 | SBAY2 | 2 | H | 54 | | |
| 48 | 91 | .39 | 86 | PCT | 12 | | P2 | 09C | -1.56 | | TEC | TEH | .610 | SBAY2 | 2 | H | 54 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 66 | 91 | .78 | 109 | PCT | 21 | | P2 | VS3 | 1.02 | | VS3 | TEC | .610 | NBAZ1 | 20 | C | 152 | | |
| 51 | 92 | .30 | 142 | PCT | 10 | | P2 | BW1 | .86 | | TEC | TEH | .610 | SBAY2 | 2 | H | 76 | | |
| 77 | 92 | .65 | 122 | PCT | 17 | | P2 | VS3 | -.65 | | VS3 | TEH | .610 | NBAZ1 | 24 | H | 133 | | |
| 111 | 92 | .33 | 129 | PCT | 11 | | P2 | BW1 | .79 | | TEC | TEH | .610 | SBAY1 | 20 | H | 75 | | |
| 46 | 93 | .79 | 91 | PCT | 19 | | P2 | BW1 | -.82 | | TEC | TEH | .610 | SBAY2 | 2 | H | 109 | | |
| 48 | 93 | .63 | 114 | PCT | 17 | | P2 | 09C | -1.61 | | TEC | TEH | .610 | SBAY2 | 2 | H | 34 | | |
| 50 | 93 | .31 | 31 | PCT | 10 | | P2 | VS3 | -.55 | | TEC | TEH | .610 | SBAY2 | 2 | H | 55 | | |
| 128 | 93 | .31 | 154 | PCT | 10 | | P2 | VS4 | -.86 | | TEC | TEH | .610 | SBAY1 | 20 | H | 101 | | |
| 148 | 93 | .37 | 32 | PCT | 12 | | P2 | VS3 | .80 | | TEC | TEH | .610 | SBAY2 | 15 | H | 29 | | |
| 160 | 93 | .31 | 107 | PCT | 11 | | P2 | VS3 | .79 | | TEC | TEH | .610 | SBAY2 | 10 | H | 157 | | |
| 166 | 93 | .29 | 106 | PCT | 10 | | P2 | 11H | .89 | | TEC | TEH | .610 | SBAY2 | 10 | H | 160 | | |
| 170 | 93 | .28 | 59 | PCT | 10 | | P2 | BW2 | -.77 | | TEC | TEH | .610 | SBAY2 | 10 | H | 162 | | |
| 51 | 94 | 1.27 | 114 | PCT | 25 | | P2 | BW1 | -.77 | | TEC | TEH | .610 | SBAY2 | 2 | H | 56 | | |
| 51 | 94 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 21 | | |
| 52 | 95 | .37 | 117 | PCT | 11 | | P2 | VS3 | -.92 | | TEC | TEH | .610 | SBAY2 | 2 | H | 57 | | |
| 56 | 95 | .58 | 143 | PCT | 15 | | P2 | VS3 | -.80 | | TEC | TEH | .610 | SBAY2 | 3 | H | 22 | | |
| 166 | 95 | .32 | 94 | PCT | 10 | | P2 | BW2 | -.95 | | TEC | TEH | .610 | SBAY2 | 9 | H | 174 | | |
| 77 | 96 | .26 | 57 | PCT | 9 | | P2 | 09H | .76 | | VS3 | TEH | .610 | NBAZ1 | 24 | H | 163 | | |
| 167 | 96 | .30 | 100 | PCT | 10 | | P2 | BW2 | .95 | | TEC | TEH | .610 | SBAY2 | 10 | H | 165 | | |
| 48 | 97 | 3.36 | 96 | PCT | 40 | | P2 | BW1 | .79 | | TEC | TEH | .610 | SBAY2 | 2 | H | 80 | | |
| 48 | 97 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 20 | | |
| 128 | 97 | .65 | 109 | PCT | 17 | | P2 | VS3 | -.88 | | TEC | TEH | .610 | SBAY1 | 20 | H | 139 | | |
| 132 | 97 | .40 | 138 | PCT | 12 | | P2 | VS1 | -.98 | | TEC | TEH | .610 | SBAY2 | 13 | H | 186 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 136 | 97 | .44 | 135 | PCT | 13 | | P2 | BW2 | -.77 | | TEC | TEH | .610 | SBAY2 | 13 | H | 188 | | |
| 111 | 98 | .30 | 157 | PCT | 10 | | P2 | VS4 | .81 | | TEC | TEH | .610 | SBAY1 | 19 | H | 150 | | |
| 127 | 98 | .52 | 67 | PCT | 14 | | P2 | BW2 | .89 | | TEC | TEH | .610 | SBAY1 | 19 | H | 142 | | |
| 135 | 98 | .56 | 141 | PCT | 15 | | P2 | VS1 | -.86 | | TEC | TEH | .610 | SBAY2 | 13 | H | 184 | | |
| 145 | 98 | .59 | 62 | PCT | 16 | | P2 | BW2 | .98 | | TEC | TEH | .610 | SBAY2 | 13 | H | 179 | | |
| 74 | 99 | .31 | 152 | PCT | 10 | | P2 | 09H | .68 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 213 | | |
| 150 | 99 | .36 | 136 | PCT | 12 | | P2 | BW2 | -.85 | | TEC | TEH | .610 | SBAY2 | 14 | H | 172 | | |
| 49 | 100 | .20 | 97 | PCT | 7 | | P2 | BW1 | -1.04 | | TEC | TEH | .610 | SBAY2 | 2 | H | 84 | | |
| 49 | 100 | .31 | 94 | PCT | 10 | | P2 | BW1 | .93 | | TEC | TEH | .610 | SBAY2 | 2 | H | 84 | | |
| 113 | 100 | .26 | 149 | PCT | 9 | | P2 | VS3 | .78 | | TEC | TEH | .610 | SBAY1 | 20 | H | 150 | | |
| 169 | 100 | .28 | 110 | PCT | 10 | | P2 | BW2 | .63 | | TEC | TEH | .610 | SBAY2 | 10 | H | 182 | | |
| 171 | 100 | .31 | 118 | PCT | 11 | | P2 | 11H | .83 | | TEC | TEH | .610 | SBAY2 | 10 | H | 181 | | |
| 90 | 101 | 1.86 | 105 | PCT | 30 | | P2 | VS2 | -.74 | | VS3 | TEH | .610 | NBAZ1 | 24 | H | 203 | | |
| 90 | 101 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 18 | | |
| 108 | 101 | .25 | 142 | PCT | 9 | | P2 | BW1 | 1.77 | | TEC | TEH | .610 | SBAY1 | 20 | H | 167 | | |
| 142 | 101 | .76 | 94 | PCT | 18 | | P2 | VS1 | .79 | | TEC | TEH | .610 | SBAY2 | 13 | H | 170 | | |
| 144 | 101 | .34 | 89 | PCT | 11 | | P2 | VS3 | .70 | | TEC | TEH | .610 | SBAY2 | 13 | H | 171 | | |
| 166 | 101 | .31 | 45 | PCT | 11 | | P2 | VS2 | -.74 | | TEC | TEH | .610 | SBAY2 | 10 | H | 196 | | |
| 166 | 101 | .60 | 110 | PCT | 17 | | P2 | VS3 | .66 | | TEC | TEH | .610 | SBAY2 | 10 | H | 196 | | |
| 166 | 101 | .31 | 64 | PCT | 11 | | P2 | BW2 | -.80 | | TEC | TEH | .610 | SBAY2 | 10 | H | 196 | | |
| 53 | 102 | .55 | 76 | PCT | 15 | | P2 | VS3 | -1.08 | | TEC | TEH | .610 | SBAY2 | 2 | H | 86 | | |
| 57 | 102 | .30 | 159 | PCT | 10 | | P2 | BW2 | -1.84 | | TEC | TEH | .610 | SBAY2 | 3 | H | 9 | | |
| 63 | 102 | .35 | 135 | PCT | 11 | | P2 | VS3 | -1.00 | | TEC | TEH | .610 | SBAY2 | 3 | H | 15 | | |
| 69 | 102 | .30 | 54 | PCT | 11 | | P2 | BW2 | -.90 | | VS3 | TEC | .610 | NBAZ1 | 22 | C | 19 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 101 | 102 | .45 | 118 | PCT | 13 | | P2 | VS2 | -1.06 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 13 | | |
| 101 | 102 | .63 | 104 | PCT | 16 | | P2 | VS3 | -.85 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 13 | | |
| 101 | 102 | 1.04 | 112 | PCT | 25 | | P2 | VS4 | .97 | | VS3 | TEC | .610 | NBAZ1 | 22 | C | 34 | | |
| 66 | 103 | .30 | 114 | PCT | 10 | | P2 | VS3 | -.59 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 273 | | |
| 72 | 103 | .49 | 128 | PCT | 14 | | P2 | VS2 | -.81 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 270 | | |
| 86 | 103 | .36 | 121 | PCT | 11 | | P2 | BW1 | -.83 | | VS3 | TEH | .610 | NBAZ1 | 23 | H | 229 | | |
| 150 | 103 | .27 | 126 | PCT | 10 | | P2 | VS3 | .84 | | TEC | TEH | .610 | SBAY2 | 14 | H | 150 | | |
| 162 | 103 | .32 | 151 | PCT | 10 | | P2 | VS4 | .87 | | TEC | TEH | .610 | SBAY2 | 9 | H | 207 | | |
| 166 | 103 | .59 | 31 | PCT | 15 | | P2 | BW2 | -.79 | | TEC | TEH | .610 | SBAY2 | 9 | H | 209 | | |
| 77 | 104 | .52 | 129 | PCT | 14 | | P2 | 09H | .97 | | VS3 | TEH | .610 | NBAZ1 | 24 | H | 223 | | |
| 50 | 105 | .34 | 121 | PCT | 10 | | P2 | VS3 | .83 | | TEC | TEH | .610 | SBAY2 | 5 | H | 113 | | |
| 60 | 105 | .32 | 78 | PCT | 10 | | P2 | VS2 | .86 | | TEC | TEH | .610 | SBAY2 | 3 | H | 12 | | |
| 150 | 105 | .34 | 115 | PCT | 11 | | P2 | BW2 | -.80 | | TEC | TEH | .610 | SBAY2 | 13 | H | 151 | | |
| 166 | 105 | .51 | 129 | PCT | 15 | | P2 | BW2 | -.76 | | TEC | TEH | .610 | SBAY2 | 10 | H | 214 | | |
| 170 | 105 | .31 | 133 | PCT | 11 | | P2 | 11H | .90 | | TEC | TEH | .610 | SBAY2 | 10 | H | 216 | | |
| 170 | 105 | .42 | 110 | PCT | 13 | | P2 | VS1 | .84 | | TEC | TEH | .610 | SBAY2 | 10 | H | 216 | | |
| 49 | 106 | .45 | 125 | PCT | 12 | | P2 | BW1 | -.94 | | TEC | TEH | .610 | SBAY2 | 5 | H | 114 | | |
| 61 | 106 | .45 | 131 | PCT | 12 | | P2 | VS3 | .64 | | TEC | TEH | .610 | SBAY2 | 5 | H | 163 | | |
| 67 | 106 | .52 | 82 | PCT | 14 | | P2 | VS3 | -.85 | | TEC | TEH | .610 | SBAY2 | 9 | H | 6 | | |
| 77 | 106 | .80 | 105 | PCT | 19 | | P2 | VS3 | -.78 | | TEC | TEH | .610 | SBAY2 | 9 | H | 11 | | |
| 107 | 106 | .33 | 135 | PCT | 10 | | P2 | BW1 | 1.85 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 56 | | |
| 60 | 107 | .39 | 32 | PCT | 11 | | P2 | VS2 | .97 | | TEC | TEH | .610 | SBAY2 | 5 | H | 162 | | |
| 128 | 107 | .33 | 147 | PCT | 10 | | P2 | VS1 | -.82 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 83 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 130 | 107 | 1.04 | 123 | PCT | 22 | | P2 | VS2 | .71 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 84 | | |
| 168 | 107 | .36 | 89 | PCT | 11 | | P2 | BW1 | -.64 | | TEC | TEH | .610 | SBAY2 | 11 | H | 18 | | |
| 75 | 108 | .39 | 126 | PCT | 13 | | P2 | VS4 | -.70 | | TEC | TEH | .610 | SBAY2 | 10 | H | 10 | | |
| 87 | 108 | 1.09 | 103 | PCT | 24 | | P2 | VS4 | -.93 | | TEC | TEH | .610 | SBAY2 | 10 | H | 16 | | |
| 115 | 108 | .38 | 95 | PCT | 11 | | P2 | VS2 | .81 | | VS3 | TEH | .610 | NBAZ1 | 22 | H | 49 | | |
| 171 | 108 | .27 | 57 | PCT | 10 | | P2 | BW2 | .89 | | TEC | TEH | .610 | SBAY2 | 10 | H | 217 | | |
| 46 | 109 | .46 | 117 | PCT | 12 | | P2 | BW2 | -.84 | | TEC | TEH | .610 | SBAY2 | 5 | H | 115 | | |
| 70 | 109 | .34 | 78 | PCT | 10 | | P2 | VS3 | .76 | | TEC | TEH | .610 | SBAY2 | 7 | H | 104 | | |
| 120 | 109 | .37 | 101 | PCT | 11 | | P2 | VS3 | 1.04 | | VS3 | TEH | .610 | NBAZ1 | 22 | H | 76 | | |
| 126 | 109 | .36 | 109 | PCT | 11 | | P2 | VS3 | .74 | | VS3 | TEH | .610 | NBAZ1 | 22 | H | 79 | | |
| 152 | 109 | .38 | 113 | PCT | 12 | | P2 | BW2 | -.85 | | TEC | TEH | .610 | SBAY2 | 13 | H | 130 | | |
| 166 | 109 | .59 | 121 | PCT | 16 | | P2 | BW2 | -.85 | | TEC | TEH | .610 | SBAY2 | 12 | H | 16 | | |
| 47 | 110 | .34 | 114 | PCT | 10 | | P2 | VS3 | -.89 | | TEC | TEH | .610 | SBAY2 | 6 | H | 60 | | |
| 59 | 110 | .49 | 63 | PCT | 13 | | P2 | BW1 | .85 | | TEC | TEH | .610 | SBAY2 | 5 | H | 170 | | |
| 99 | 110 | .23 | 124 | PCT | 8 | | P2 | VS2 | .72 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 101 | | |
| 167 | 110 | .44 | 114 | PCT | 13 | | P2 | VS3 | .63 | | TEC | TEH | .610 | SBAY2 | 11 | H | 22 | | |
| 48 | 111 | .44 | 135 | PCT | 12 | | P2 | 09C | -1.02 | | TEC | TEH | .610 | SBAY2 | 5 | H | 105 | | |
| 68 | 111 | .32 | 56 | PCT | 10 | | P2 | VS4 | -.97 | | TEC | TEH | .610 | SBAY2 | 8 | H | 170 | | |
| 88 | 111 | .33 | 44 | PCT | 10 | | P2 | BW1 | -.96 | | TEC | TEH | .610 | SBAY2 | 8 | H | 160 | | |
| 108 | 111 | .67 | 142 | PCT | 17 | | P2 | VS2 | -.92 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 114 | | |
| 112 | 111 | .34 | 133 | PCT | 10 | | P2 | BW1 | -1.14 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 116 | | |
| 150 | 111 | .34 | 89 | PCT | 11 | | P2 | BW2 | -.86 | | TEC | TEH | .610 | SBAY2 | 14 | H | 107 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

58 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 45 | 112 | .81 | 74 | PCT | 18 | | P2 | BW2 | .99 | | TEC | TEH | .610 | SBAY2 | 6 | H | 62 | | |
| 47 | 112 | .47 | 47 | PCT | 12 | | P2 | BW2 | .98 | | TEC | TEH | .610 | SBAY2 | 5 | H | 104 | | |
| 49 | 112 | .41 | 131 | PCT | 11 | | P2 | BW1 | .93 | | TEC | TEH | .610 | SBAY2 | 5 | H | 123 | | |
| 161 | 112 | .29 | 147 | PCT | 10 | | P2 | VS4 | .78 | | TEC | TEH | .610 | SBAY2 | 12 | H | 23 | | |
| 102 | 113 | .32 | 109 | PCT | 10 | | P2 | VS4 | -.73 | | VS3 | TEC | .610 | NBAZ1 | 23 | C | 152 | | |
| 136 | 113 | .38 | 108 | PCT | 12 | | P2 | BW1 | -.87 | | TEC | TEH | .610 | SBAY2 | 13 | H | 100 | | |
| 150 | 113 | .39 | 149 | PCT | 12 | | P2 | VS1 | .82 | | TEC | TEH | .610 | SBAY2 | 13 | H | 107 | | |
| 150 | 113 | .33 | 105 | PCT | 10 | | P2 | BW2 | -.86 | | TEC | TEH | .610 | SBAY2 | 13 | H | 107 | | |
| 168 | 113 | .28 | 68 | PCT | 10 | | P2 | BW1 | -.93 | | TEC | TEH | .610 | SBAY2 | 12 | H | 34 | | |
| 45 | 114 | .58 | 113 | PCT | 15 | | P2 | VS3 | -.76 | | TEC | TEH | .610 | SBAY2 | 5 | H | 103 | | |
| 47 | 114 | 1.02 | 144 | PCT | 21 | | P2 | BW1 | .87 | | TEC | TEH | .610 | SBAY2 | 5 | H | 124 | | |
| 47 | 114 | .45 | 142 | PCT | 12 | | P2 | VS3 | -.86 | | TEC | TEH | .610 | SBAY2 | 5 | H | 124 | | |
| 47 | 114 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 16 | | |
| 85 | 114 | .34 | 99 | PCT | 10 | | P2 | VS2 | .76 | | TEC | TEH | .610 | SBAY2 | 8 | H | 87 | | |
| 89 | 114 | .32 | 31 | PCT | 10 | | P2 | BW1 | .90 | | TEC | TEH | .610 | SBAY2 | 8 | H | 85 | | |
| 89 | 114 | .71 | 115 | PCT | 17 | | P2 | VS3 | -.71 | | TEC | TEH | .610 | SBAY2 | 8 | H | 85 | | |
| 151 | 114 | .45 | 142 | PCT | 13 | | P2 | VS1 | -.82 | | TEC | TEH | .610 | SBAY2 | 13 | H | 88 | | |
| 151 | 114 | .36 | 71 | PCT | 11 | | P2 | BW2 | .83 | | TEC | TEH | .610 | SBAY2 | 13 | H | 88 | | |
| 155 | 114 | .36 | 23 | PCT | 11 | | P2 | BW2 | .79 | | TEC | TEH | .610 | SBAY2 | 11 | H | 45 | | |
| 42 | 115 | .47 | 107 | PCT | 13 | | P2 | BW1 | -1.01 | | TEC | TEH | .610 | SBAY2 | 6 | H | 64 | | |
| 42 | 115 | .45 | 56 | PCT | 12 | | P2 | BW2 | -.90 | | TEC | TEH | .610 | SBAY2 | 6 | H | 64 | | |
| 44 | 115 | .94 | 131 | PCT | 20 | | P2 | BW2 | -.87 | | TEC | TEH | .610 | SBAY2 | 5 | H | 102 | | |
| 44 | 115 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 14 | | |
| 46 | 115 | .35 | 112 | PCT | 10 | | P2 | VS3 | .86 | | TEC | TEH | .610 | SBAY2 | 5 | H | 125 | | |
| 46 | 115 | .95 | 79 | PCT | 20 | | P2 | BW2 | -.91 | | TEC | TEH | .610 | SBAY2 | 5 | H | 125 | | |
| 46 | 115 | .37 | 94 | PCT | 11 | | P2 | BW2 | .96 | | TEC | TEH | .610 | SBAY2 | 5 | H | 125 | | |
| 46 | 115 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 15 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 48 | 115 | .57 | 135 | PCT | 15 | | P2 | 09C | -1.70 | | TEC | TEH | .610 | SBAY2 | 6 | H | 101 | | |
| 166 | 115 | .47 | 120 | PCT | 13 | | P2 | BW2 | -.74 | | TEC | TEH | .610 | SBAY2 | 11 | H | 52 | | |
| 168 | 115 | .83 | 107 | PCT | 19 | | P2 | BW2 | -.95 | | TEC | TEH | .610 | SBAY2 | 11 | H | 53 | | |
| 47 | 116 | .36 | 54 | PCT | 10 | | P2 | BW2 | -1.40 | | TEC | TEH | .610 | SBAY2 | 6 | H | 100 | | |
| 47 | 116 | .49 | 90 | PCT | 13 | | P2 | BW2 | .87 | | TEC | TEH | .610 | SBAY2 | 6 | H | 100 | | |
| 49 | 116 | 1.77 | 91 | PCT | 29 | | P2 | BW1 | .91 | | TEC | TEH | .610 | SBAY2 | 6 | H | 122 | | |
| 49 | 116 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 17 | | |
| 167 | 116 | .43 | 123 | PCT | 13 | | P2 | BW2 | .90 | | TEC | TEH | .610 | SBAY2 | 12 | H | 37 | | |
| 169 | 116 | .29 | 132 | PCT | 10 | | P2 | VS5 | .67 | | TEC | TEH | .610 | SBAY2 | 12 | H | 36 | | |
| 40 | 117 | .45 | 100 | PCT | 12 | | P2 | BW1 | -.91 | | TEC | TEH | .610 | SBAY2 | 6 | H | 66 | | |
| 42 | 117 | 2.77 | 98 | PCT | 35 | | P2 | BW1 | -.96 | | TEC | TEH | .610 | SBAY2 | 5 | H | 100 | | |
| 42 | 117 | .96 | 84 | PCT | 20 | | P2 | BW1 | -.61 | | TEC | TEH | .610 | SBAY2 | 5 | H | 100 | | |
| 42 | 117 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 13 | | |
| 44 | 117 | .69 | 125 | PCT | 16 | | P2 | BW2 | -.83 | | TEC | TEH | .610 | SBAY2 | 5 | H | 127 | | |
| 58 | 117 | .45 | 82 | PCT | 12 | | P2 | VS2 | .85 | | TEC | TEH | .610 | SBAY2 | 5 | H | 202 | | |
| 82 | 117 | .29 | 71 | PCT | 9 | | P2 | BW1 | -.94 | | TEC | TEH | .610 | SBAY2 | 7 | H | 82 | | |
| 130 | 117 | .34 | 131 | PCT | 11 | | P2 | BW2 | -.80 | | VS3 | TEC | .610 | NBAZ1 | 23 | C | 179 | | |
| 138 | 117 | .44 | 110 | PCT | 13 | | P2 | BW1 | -.76 | | TEC | TEH | .610 | SBAY2 | 13 | H | 80 | | |
| 154 | 117 | .42 | 120 | PCT | 13 | | P2 | VS3 | .86 | | TEC | TEH | .610 | SBAY2 | 12 | H | 44 | | |
| 160 | 117 | .35 | 151 | PCT | 11 | | P2 | BW2 | -.79 | | TEC | TEH | .610 | SBAY2 | 12 | H | 47 | | |
| 166 | 117 | .58 | 128 | PCT | 16 | | P2 | VS1 | -.81 | | TEC | TEH | .610 | SBAY2 | 12 | H | 50 | | |
| 168 | 117 | .29 | 110 | PCT | 10 | | P2 | VS3 | .85 | | TEC | TEH | .610 | SBAY2 | 12 | H | 51 | | |
| 39 | 118 | .69 | 64 | PCT | 17 | | P2 | BW1 | -1.00 | | TEC | TEH | .610 | SBAY2 | 6 | H | 67 | | |
| 41 | 118 | .67 | 83 | PCT | 16 | | P2 | BW1 | -.87 | | TEC | TEH | .610 | SBAY2 | 5 | H | 99 | | |
| 41 | 118 | .68 | 131 | PCT | 16 | | P2 | BW2 | -.93 | | TEC | TEH | .610 | SBAY2 | 5 | H | 99 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 43 | 118 | 4.21 | 107 | PCT | 42 | | P2 | BW1 | -.93 | | TEC | TEH | .610 | SBAY2 | 5 | H | 128 | | |
| 43 | 118 | .71 | 150 | PCT | 17 | | P2 | BW2 | -.81 | | TEC | TEH | .610 | SBAY2 | 5 | H | 128 | | |
| 43 | 118 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 12 | | |
| 45 | 118 | .65 | 101 | PCT | 16 | | P2 | BW1 | 1.14 | | TEC | TEH | .610 | SBAY2 | 6 | H | 98 | | |
| 53 | 118 | .59 | 120 | PCT | 15 | | P2 | VS3 | .67 | | TEC | TEH | .610 | SBAY2 | 6 | H | 146 | | |
| 89 | 118 | .32 | 103 | PCT | 10 | | P2 | BW1 | -.83 | | TEC | TEH | .610 | SBAY2 | 8 | H | 58 | | |
| 119 | 118 | .30 | 120 | PCT | 10 | | P2 | BW1 | .50 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 305 | | |
| 139 | 118 | .42 | 103 | PCT | 12 | | P2 | BW2 | 1.00 | | TEC | TEH | .610 | SBAY2 | 13 | H | 73 | | |
| 141 | 118 | .47 | 55 | PCT | 14 | | P2 | BW2 | .87 | | TEC | TEH | .610 | SBAY2 | 13 | H | 72 | | |
| 143 | 118 | .47 | 85 | PCT | 13 | | P2 | VS1 | -.98 | | TEC | TEH | .610 | SBAY2 | 13 | H | 71 | | |
| 38 | 119 | .37 | 143 | PCT | 11 | | P2 | BW1 | -.90 | | TEC | TEH | .610 | SBAY2 | 6 | H | 68 | | |
| 40 | 119 | 3.15 | 84 | PCT | 37 | | P2 | BW1 | -.76 | | TEC | TEH | .610 | SBAY2 | 5 | H | 98 | | |
| 40 | 119 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 10 | | |
| 42 | 119 | 1.18 | 87 | PCT | 23 | | P2 | BW1 | -.77 | | TEC | TEH | .610 | SBAY2 | 5 | H | 129 | | |
| 42 | 119 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 11 | | |
| 88 | 119 | .18 | 44 | PCT | 6 | | P2 | 08H | .74 | | TEC | TEH | .610 | SBAY2 | 8 | H | 56 | | |
| 90 | 119 | .26 | 61 | PCT | 9 | | P2 | BW1 | -.70 | | TEC | TEH | .610 | SBAY2 | 8 | H | 57 | | |
| 94 | 119 | .34 | 40 | PCT | 11 | | P2 | BW1 | .80 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 283 | | |
| 104 | 119 | .39 | 137 | PCT | 12 | | P2 | BW1 | -.76 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 288 | | |
| 144 | 119 | .27 | 83 | PCT | 10 | | P2 | BW1 | -.84 | | TEC | TEH | .610 | SBAY2 | 14 | H | 60 | | |
| 37 | 120 | .40 | 141 | PCT | 11 | | P2 | BW1 | -.81 | | TEC | TEH | .610 | SBAY2 | 6 | H | 69 | | |
| 37 | 120 | 1.21 | 103 | PCT | 24 | | P2 | BW2 | -.77 | | TEC | TEH | .610 | SBAY2 | 6 | H | 69 | | |
| 37 | 120 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 6 | | |
| 39 | 120 | 1.78 | 108 | PCT | 29 | | P2 | BW1 | .94 | | TEC | TEH | .610 | SBAY2 | 5 | H | 97 | | |
| 39 | 120 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 7 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

61 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 41 | 120 | 2.24 | 116 | PCT | 32 | | P2 | BW2 | -.78 | | TEC | TEH | .610 | SBAY2 | 5 | H | 130 | | |
| 41 | 120 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 8 | | |
| 43 | 120 | 1.09 | 95 | PCT | 22 | | P2 | BW1 | -1.00 | | TEC | TEH | .610 | SBAY2 | 6 | H | 96 | | |
| 43 | 120 | 1.56 | 101 | PCT | 27 | | P2 | BW2 | -.88 | | TEC | TEH | .610 | SBAY2 | 6 | H | 96 | | |
| 43 | 120 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 9 | | |
| 49 | 120 | .34 | 51 | PCT | 10 | | P2 | BW1 | .89 | | TEC | TEH | .610 | SBAY2 | 5 | H | 180 | | |
| 85 | 120 | .36 | 91 | PCT | 10 | | P2 | VS3 | -.84 | | TEC | TEH | .610 | SBAY2 | 7 | H | 62 | | |
| 87 | 120 | .36 | 133 | PCT | 10 | | P2 | BW1 | .81 | | TEC | TEH | .610 | SBAY2 | 7 | H | 61 | | |
| 89 | 120 | .35 | 128 | PCT | 10 | | P2 | BW1 | .69 | | TEC | TEH | .610 | SBAY2 | 7 | H | 60 | | |
| 119 | 120 | .44 | 133 | PCT | 13 | | P2 | VS3 | -.97 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 267 | | |
| 121 | 120 | .33 | 129 | PCT | 10 | | P2 | VS3 | -.94 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 266 | | |
| 167 | 120 | .32 | 130 | PCT | 11 | | P2 | BW2 | .75 | | TEC | TEH | .610 | SBAY2 | 12 | H | 52 | | |
| 58 | 121 | .39 | 136 | PCT | 11 | | P2 | VS3 | .75 | | TEC | TEH | .610 | SBAY2 | 6 | H | 185 | | |
| 88 | 121 | .48 | 66 | PCT | 13 | | P2 | VS4 | .83 | | TEC | TEH | .610 | SBAY2 | 7 | H | 56 | | |
| 110 | 121 | .30 | 120 | PCT | 10 | | P2 | BW1 | -.84 | | VS3 | TEH | .610 | NBAZ1 | 22 | H | 277 | | |
| 112 | 121 | .17 | 91 | PCT | 6 | | P2 | BW1 | -.76 | | VS3 | TEH | .610 | NBAZ1 | 22 | H | 278 | | |
| 134 | 121 | .37 | 131 | PCT | 11 | | P2 | BW1 | .55 | | TEC | TEH | .610 | SBAY2 | 13 | H | 56 | | |
| 152 | 121 | .43 | 141 | PCT | 13 | | P2 | BW2 | -.83 | | TEC | TEH | .610 | SBAY2 | 13 | H | 65 | | |
| 162 | 121 | .30 | 55 | PCT | 10 | | P2 | BW1 | -.86 | | TEC | TEH | .610 | SBAY2 | 12 | H | 62 | | |
| 35 | 122 | .36 | 80 | PCT | 10 | | P2 | BW1 | -.99 | | TEC | TEH | .610 | SBAY2 | 6 | H | 71 | | |
| 39 | 122 | .59 | 77 | PCT | 15 | | P2 | BW1 | .84 | | TEC | TEH | .610 | SBAY2 | 5 | H | 132 | | |
| 41 | 122 | .52 | 133 | PCT | 14 | | P2 | BW2 | -.82 | | TEC | TEH | .610 | SBAY2 | 6 | H | 94 | | |
| 43 | 122 | .30 | 144 | PCT | 9 | | P2 | 08C | .87 | | TEC | TEH | .610 | SBAY2 | 6 | H | 127 | | |
| 49 | 122 | .46 | 136 | PCT | 13 | | P2 | BW2 | -.87 | | TEC | TEH | .610 | SBAY2 | 6 | H | 142 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 87 | 122 | .47 | 56 | PCT | 13 | | P2 | BW1 | .81 | | TEC | TEH | .610 | SBAY2 | 8 | H | 32 | | |
| 143 | 122 | .29 | 115 | PCT | 10 | | P2 | BW2 | .88 | | TEC | TEH | .610 | SBAY2 | 13 | H | 49 | | |
| 149 | 122 | .35 | 125 | PCT | 11 | | P2 | VS3 | .84 | | TEC | TEH | .610 | SBAY2 | 13 | H | 46 | | |
| 167 | 122 | .47 | 36 | PCT | 13 | | P2 | BW2 | .90 | | TEC | TEH | .610 | SBAY2 | 11 | H | 71 | | |
| 32 | 123 | 1.36 | 101 | PCT | 25 | | P2 | BW1 | -.79 | | TEC | TEH | .610 | SBAY2 | 5 | H | 92 | | |
| 32 | 123 | .57 | 91 | PCT | 14 | | P2 | 08C | .82 | | TEC | TEH | .610 | SBAY2 | 5 | H | 92 | | |
| 32 | 123 | | | TBP | | | | | | | TEH | TEC | .610 | SBAY2 | 234 | C | 5 | | |
| 36 | 123 | .35 | 82 | PCT | 10 | | P2 | 08C | .87 | | TEC | TEH | .610 | SBAY2 | 5 | H | 94 | | |
| 60 | 123 | .58 | 113 | PCT | 15 | | P2 | VS3 | .82 | | TEC | TEH | .610 | SBAY2 | 5 | H | 230 | | |
| 62 | 123 | .68 | 136 | PCT | 16 | | P2 | VS2 | .69 | | TEC | TEH | .610 | SBAY2 | 5 | H | 235 | | |
| 108 | 123 | .45 | 125 | PCT | 13 | | P2 | BW1 | -1.54 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 248 | | |
| 118 | 123 | .51 | 127 | PCT | 14 | | P2 | VS2 | .75 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 253 | | |
| 120 | 123 | .63 | 125 | PCT | 16 | | P2 | VS2 | .79 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 254 | | |
| 166 | 123 | .31 | 82 | PCT | 10 | | P2 | BW2 | 1.10 | | TEC | TEH | .610 | SBAY2 | 11 | H | 84 | | |
| 168 | 123 | .41 | 47 | PCT | 12 | | P2 | BW2 | .98 | | TEC | TEH | .610 | SBAY2 | 11 | H | 104 | | |
| 109 | 124 | .37 | 144 | PCT | 11 | | P2 | BW1 | -1.99 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 230 | | |
| 121 | 124 | .32 | 130 | PCT | 10 | | P2 | BW1 | 1.05 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 224 | | |
| 121 | 124 | .45 | 119 | PCT | 13 | | P2 | VS1 | .77 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 224 | | |
| 28 | 125 | .54 | 100 | PCT | 14 | | P2 | 08H | .88 | | TEC | TEH | .610 | SBAY2 | 5 | H | 84 | | |
| 38 | 125 | .40 | 57 | PCT | 11 | | P2 | BW2 | .97 | | TEC | TEH | .610 | SBAY2 | 6 | H | 91 | | |
| 48 | 125 | .43 | 58 | PCT | 12 | | P2 | 09C | -.63 | | TEC | TEH | .610 | SBAY2 | 6 | H | 172 | | |
| 72 | 125 | .36 | 135 | PCT | 10 | | P2 | VS4 | 1.01 | | TEC | TEH | .610 | SBAY2 | 7 | H | 21 | | |
| 120 | 125 | .66 | 98 | PCT | 17 | | P2 | VS2 | .79 | | VS3 | TEH | .610 | NBAZ1 | 22 | H | 241 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 130 | 125 | .37 | 92 | PCT | 11 | | P2 | VS3 | -.35 | | VS3 | TEH | .610 | NBAZ1 | 22 | H | 246 | | |
| 162 | 125 | .02 | 43 | NQI | | | 3 | TSH | 2.70 | | TEC | TEH | .610 | SBAY2 | 12 | H | 75 | | |
| 27 | 126 | .40 | 124 | PCT | 11 | | P2 | 08H | .77 | | TEC | TEH | .610 | SBAY2 | 5 | H | 85 | | |
| 27 | 126 | .40 | 121 | PCT | 11 | | P2 | BW1 | -.88 | | TEC | TEH | .610 | SBAY2 | 5 | H | 85 | | |
| 29 | 126 | .50 | 79 | PCT | 13 | | P2 | BW1 | -1.02 | | TEC | TEH | .610 | SBAY2 | 5 | H | 89 | | |
| 37 | 126 | .37 | 52 | PCT | 11 | | P2 | BW1 | -.89 | | TEC | TEH | .610 | SBAY2 | 6 | H | 90 | | |
| 41 | 126 | .42 | 92 | PCT | 12 | | P2 | BW1 | -.96 | | TEC | TEH | .610 | SBAY2 | 5 | H | 143 | | |
| 143 | 126 | .31 | 130 | PCT | 10 | | P2 | BW2 | -.89 | | TEC | TEH | .610 | SBAY2 | 13 | H | 27 | | |
| 153 | 126 | .38 | 113 | PCT | 12 | | P2 | VS2 | .91 | | TEC | TEH | .610 | SBAY2 | 13 | H | 22 | | |
| 108 | 127 | .34 | 118 | PCT | 10 | | P2 | BW1 | -1.61 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 205 | | |
| 99 | 128 | .43 | 79 | PCT | 13 | | P2 | BW1 | -.77 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 192 | | |
| 125 | 128 | .36 | 126 | PCT | 11 | | P2 | VS1 | .61 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 179 | | |
| 129 | 128 | .43 | 137 | PCT | 13 | | P2 | VS3 | 1.20 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 177 | | |
| 131 | 128 | .34 | 145 | PCT | 11 | | P2 | VS2 | -.85 | | VS3 | TEH | .610 | NBAZ1 | 21 | H | 176 | | |
| 155 | 128 | .32 | 150 | PCT | 11 | | P2 | VS5 | .73 | | TEC | TEH | .610 | SBAY2 | 12 | H | 81 | | |
| 159 | 128 | .28 | 147 | PCT | 10 | | P2 | VS5 | .74 | | TEC | TEH | .610 | SBAY2 | 12 | H | 79 | | |
| 163 | 128 | .29 | 146 | PCT | 10 | | P2 | BW2 | .89 | | TEC | TEH | .610 | SBAY2 | 12 | H | 77 | | |
| 16 | 129 | .24 | 91 | PCT | 8 | | P2 | VS3 | .84 | | VS3 | TEC | .610 | NBAZ1 | 25 | C | 366 | | |
| 18 | 129 | .44 | 69 | PCT | 13 | | P2 | VS3 | .65 | | VS3 | TEC | .610 | NBAZ1 | 25 | C | 367 | | |
| 32 | 129 | .27 | 109 | PCT | 8 | | P2 | VS3 | -.81 | | TEC | TEH | .610 | SBAY2 | 5 | H | 139 | | |
| 48 | 129 | .44 | 71 | PCT | 12 | | P2 | 09C | -1.07 | | TEC | TEH | .610 | SBAY2 | 5 | H | 223 | | |
| 50 | 129 | .20 | 165 | PCT | 6 | | P2 | VS3 | -.84 | | TEC | TEH | .610 | SBAY2 | 6 | H | 177 | | |
| 68 | 129 | .77 | 122 | PCT | 18 | | P2 | VS2 | .73 | | TEC | TEH | .610 | SBAY2 | 5 | H | 246 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 100 | 129 | .31 | 87 | PCT | 10 | | P2 | BW1 | -.81 | | VS3 | TEH | .610 | NBAZ1 | 22 | H | 190 | | |
| 132 | 129 | .45 | 75 | PCT | 13 | | P2 | VS2 | -.92 | | TEC | TEH | .610 | SBAY2 | 13 | H | 11 | | |
| 136 | 129 | .33 | 99 | PCT | 10 | | P2 | VS3 | .75 | | TEC | TEH | .610 | SBAY2 | 13 | H | 13 | | |
| 152 | 129 | .34 | 87 | PCT | 11 | | P2 | VS1 | -.87 | | TEC | TEH | .610 | SBAY2 | 13 | H | 21 | | |
| 160 | 129 | .36 | 51 | PCT | 12 | | P2 | BW2 | -.71 | | TEC | TEH | .610 | SBAY2 | 12 | H | 85 | | |
| 17 | 130 | .51 | 57 | PCT | 14 | | P2 | VS3 | -.96 | | VS3 | TEH | .610 | NBAZ1 | 27 | H | 95 | | |
| 75 | 130 | .35 | 51 | PCT | 11 | | P2 | BW1 | .73 | | TEC | TEH | .610 | SBAY2 | 8 | H | 125 | | |
| 89 | 130 | .33 | 118 | PCT | 10 | | P2 | BW1 | -.83 | | TEC | TEH | .610 | SBAY2 | 8 | H | 132 | | |
| 163 | 130 | .82 | 88 | PCT | 19 | | P2 | BW2 | .98 | | TEC | TEH | .610 | SBAY2 | 11 | H | 110 | | |
| 14 | 131 | .43 | 92 | PCT | 13 | | P2 | 08H | .02 | | VS3 | TEH | .610 | NBAZ1 | 27 | H | 69 | | |
| 48 | 131 | .76 | 57 | PCT | 18 | | P2 | BW1 | .79 | | VS3 | TEH | .610 | NBAZ1 | 27 | H | 86 | | |
| 72 | 131 | .54 | 73 | PCT | 15 | | P2 | BW1 | -.78 | | TEH | TEC | .610 | SBAY2 | 9 | C | 50 | | |
| 86 | 131 | .24 | 153 | PCT | 8 | | P2 | VS2 | .64 | | TEH | TEC | .610 | SBAY2 | 9 | C | 43 | | |
| 88 | 131 | .32 | 104 | PCT | 10 | | P2 | BW1 | -.69 | | TEH | TEC | .610 | SBAY2 | 9 | C | 42 | | |
| 88 | 131 | .29 | 80 | PCT | 10 | | P2 | VS2 | .72 | | TEH | TEC | .610 | SBAY2 | 9 | C | 42 | | |
| 160 | 131 | .21 | 120 | PCT | 8 | | P2 | 11C | .87 | | TEH | TEC | .610 | SBAY2 | 2 | C | 8 | | |
| 49 | 132 | .19 | 135 | PCT | 7 | | P2 | 08H | .72 | | VS3 | TEH | .610 | NBAZ1 | 28 | H | 96 | | |
| 119 | 132 | .75 | 99 | PCT | 20 | | P2 | VS2 | .89 | | TEH | TEC | .610 | SBAY2 | 2 | C | 49 | | |
| 88 | 133 | .39 | 79 | PCT | 12 | | P2 | BW1 | -.69 | | TEH | TEC | .610 | SBAY2 | 9 | C | 27 | | |
| 148 | 133 | .34 | 73 | PCT | 12 | | P2 | BW2 | -.89 | | TEH | TEC | .610 | SBAY2 | 1 | C | 15 | | |
| 15 | 134 | .31 | 113 | PCT | 10 | | P2 | BW1 | -.78 | | VS3 | TEH | .610 | NBAZ1 | 27 | H | 65 | | |
| 45 | 134 | .55 | 88 | PCT | 15 | | P2 | BW1 | -.84 | | VS3 | TEH | .610 | NBAZ1 | 27 | H | 50 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 49 | 134 | .44 | 72 | PCT | 13 | | P2 | BW1 | -.92 | | VS3 | TEH | .610 | NBAZ1 | 27 | H | 48 | | |
| 141 | 134 | .36 | 48 | PCT | 13 | | P2 | VS2 | .84 | | TEH | TEC | .610 | SBAY2 | 1 | C | 56 | | |
| 155 | 134 | .35 | 45 | PCT | 12 | | P2 | VS1 | -.80 | | TEH | TEC | .610 | SBAY2 | 1 | C | 63 | | |
| 64 | 135 | .37 | 73 | PCT | 11 | | P2 | BW1 | -.74 | | TEH | TEC | .610 | SBAY2 | 9 | C | 80 | | |
| 102 | 135 | .27 | 88 | PCT | 10 | | P2 | VS2 | .83 | | TEH | TEC | .610 | SBAY2 | 2 | C | 101 | | |
| 130 | 135 | .55 | 120 | PCT | 16 | | P2 | VS3 | -.83 | | TEH | TEC | .610 | SBAY2 | 2 | C | 87 | | |
| 162 | 135 | .33 | 92 | PCT | 11 | | P2 | 03C | .82 | | TEH | TEC | .610 | SBAY2 | 2 | C | 71 | | |
| 127 | 136 | .22 | 59 | PCT | 8 | | P2 | BW2 | .62 | | TEH | TEC | .610 | SBAY2 | 2 | C | 114 | | |
| 133 | 136 | .27 | 53 | PCT | 10 | | P2 | VS5 | -1.00 | | TEH | TEC | .610 | SBAY2 | 2 | C | 117 | | |
| 46 | 137 | .26 | 131 | PCT | 9 | | P2 | BW2 | .77 | | VS3 | TEC | .610 | NBAZ1 | 25 | C | 291 | | |
| 124 | 137 | .28 | 84 | PCT | 10 | | P2 | VS1 | -.76 | | TEH | TEC | .610 | SBAY2 | 1 | C | 85 | | |
| 126 | 137 | .33 | 113 | PCT | 12 | | P2 | VS1 | -.75 | | TEH | TEC | .610 | SBAY2 | 1 | C | 84 | | |
| 142 | 137 | .31 | 64 | PCT | 11 | | P2 | BW2 | -.91 | | TEH | TEC | .610 | SBAY2 | 1 | C | 76 | | |
| 156 | 137 | .26 | 50 | PCT | 10 | | P2 | VS4 | .87 | | TEH | TEC | .610 | SBAY2 | 1 | C | 69 | | |
| 160 | 137 | .46 | 64 | PCT | 15 | | P2 | BW2 | -.88 | | TEH | TEC | .610 | SBAY2 | 1 | C | 67 | | |
| 43 | 138 | .33 | 22 | PCT | 10 | | P2 | BW1 | -.91 | | VS3 | TEH | .610 | NBAZ1 | 25 | H | 236 | | |
| 117 | 138 | .22 | 20 | PCT | 9 | | P2 | BW2 | .71 | | TEH | TEC | .610 | SBAY2 | 1 | C | 102 | | |
| 50 | 139 | .52 | 98 | PCT | 14 | | P2 | BW1 | -.97 | | VS3 | TEH | .610 | NBAZ1 | 25 | H | 225 | | |
| 50 | 139 | .30 | 121 | PCT | 10 | | P2 | VS3 | -1.19 | | VS3 | TEH | .610 | NBAZ1 | 25 | H | 225 | | |
| 60 | 139 | .32 | 125 | PCT | 10 | | P2 | VS3 | .81 | | TEH | TEC | .610 | SBAY2 | 9 | C | 97 | | |
| 156 | 139 | .27 | 135 | PCT | 9 | | P2 | 11C | .79 | | TEH | TEC | .610 | SBAY2 | 2 | C | 133 | | |
| 59 | 140 | .32 | 32 | PCT | 10 | | P2 | BW1 | .49 | | TEH | TEC | .610 | SBAY2 | 9 | C | 123 | | |
| 77 | 140 | .35 | 132 | PCT | 11 | | P2 | BW1 | 1.08 | | TEH | TEC | .610 | SBAY2 | 9 | C | 114 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 129 | 140 | .33 | 125 | PCT | 11 | | P2 | BW1 | .69 | | TEH | TEC | .610 | SBAY2 | 2 | C | 174 | | |
| 100 | 141 | .24 | 57 | PCT | 9 | | P2 | VS2 | .74 | | TEH | TEC | .610 | SBAY2 | 7 | C | 108 | | |
| 128 | 141 | .33 | 52 | PCT | 12 | | P2 | VS2 | .90 | | TEH | TEC | .610 | SBAY2 | 1 | C | 139 | | |
| 136 | 141 | .27 | 92 | PCT | 10 | | P2 | BW1 | -.78 | | TEH | TEC | .610 | SBAY2 | 1 | C | 135 | | |
| 45 | 142 | .44 | 40 | PCT | 13 | | P2 | BW1 | -.95 | | VS3 | TEH | .610 | NBAZ1 | 25 | H | 188 | | |
| 61 | 142 | .29 | 116 | PCT | 10 | | P2 | BW1 | .99 | | TEH | TEC | .610 | SBAY2 | 7 | C | 246 | | |
| 119 | 142 | .44 | 75 | PCT | 14 | | P2 | VS3 | -.79 | | TEH | TEC | .610 | SBAY2 | 1 | C | 159 | | |
| 131 | 142 | .38 | 49 | PCT | 13 | | P2 | VS1 | -.72 | | TEH | TEC | .610 | SBAY2 | 1 | C | 165 | | |
| 50 | 143 | .65 | 93 | PCT | 17 | | P2 | BW1 | -.82 | | VS3 | TEH | .610 | NBAZ1 | 25 | H | 179 | | |
| 74 | 143 | .38 | 85 | PCT | 12 | | P2 | BW1 | -.84 | | TEH | TEC | .610 | SBAY2 | 9 | C | 131 | | |
| 90 | 143 | .25 | 48 | PCT | 9 | | P2 | 10H | -1.25 | | TEH | TEC | .610 | SBAY2 | 7 | C | 87 | | |
| 108 | 143 | .34 | 120 | PCT | 11 | | P2 | BW1 | -1.86 | | TEH | TEC | .610 | SBAY2 | 2 | C | 214 | | |
| 112 | 143 | .31 | 90 | PCT | 10 | | P2 | BW1 | -.73 | | TEH | TEC | .610 | SBAY2 | 2 | C | 212 | | |
| 61 | 144 | .36 | 117 | PCT | 12 | | P2 | BW1 | .99 | | TEH | TEC | .610 | SBAY2 | 10 | C | 23 | | |
| 113 | 144 | .27 | 120 | PCT | 10 | | P2 | VS1 | .54 | | TEH | TEC | .610 | SBAY2 | 2 | C | 223 | | |
| 119 | 144 | .21 | 123 | PCT | 8 | | P2 | VS2 | .86 | | TEH | TEC | .610 | SBAY2 | 2 | C | 226 | | |
| 106 | 145 | .30 | 97 | PCT | 11 | | P2 | BW1 | -1.31 | | TEH | TEC | .610 | SBAY2 | 1 | C | 203 | | |
| 110 | 145 | .34 | 90 | PCT | 12 | | P2 | BW1 | -.08 | | TEH | TEC | .610 | SBAY2 | 1 | C | 201 | | |
| 114 | 145 | .37 | 106 | PCT | 13 | | P2 | BW1 | 1.11 | | TEH | TEC | .610 | SBAY2 | 1 | C | 199 | | |
| 116 | 145 | .43 | 60 | PCT | 14 | | P2 | BW1 | 1.05 | | TEH | TEC | .610 | SBAY2 | 1 | C | 198 | | |
| 120 | 145 | .37 | 69 | PCT | 13 | | P2 | BW1 | .74 | | TEH | TEC | .610 | SBAY2 | 1 | C | 196 | | |
| 120 | 145 | .33 | 50 | PCT | 12 | | P2 | VS2 | .89 | | TEH | TEC | .610 | SBAY2 | 1 | C | 196 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 45 | 146 | .56 | 73 | PCT | 15 | | P2 | BW1 | -.89 | | VS3 | TEH | .610 | NBAZ1 | 25 | H | 142 | | |
| 107 | 146 | .36 | 56 | PCT | 12 | | P2 | BW1 | 1.69 | | TEH | TEC | .610 | SBAY2 | 1 | C | 206 | | |
| 46 | 147 | .41 | 105 | PCT | 12 | | P2 | BW1 | -.92 | | VS3 | TEH | .610 | NBAZ1 | 25 | H | 133 | | |
| 48 | 147 | .50 | 104 | PCT | 17 | | P2 | 09C | -1.25 | | VS3 | TEC | .610 | NBAZ1 | 24 | C | 189 | | |
| 76 | 147 | .34 | 112 | PCT | 11 | | P2 | VS2 | -.70 | | TEH | TEC | .610 | SBAY2 | 10 | C | 35 | | |
| 104 | 147 | .39 | 65 | PCT | 12 | | P2 | BW1 | -1.22 | | TEH | TEC | .610 | SBAY2 | 2 | C | 268 | | |
| 112 | 147 | .32 | 134 | PCT | 11 | | P2 | BW1 | -1.14 | | TEH | TEC | .610 | SBAY2 | 2 | C | 264 | | |
| 118 | 147 | .33 | 95 | PCT | 11 | | P2 | BW1 | -.83 | | TEH | TEC | .610 | SBAY2 | 2 | C | 261 | | |
| 126 | 147 | .65 | 102 | PCT | 18 | | P2 | VS3 | -.95 | | TEH | TEC | .610 | SBAY2 | 2 | C | 258 | | |
| 65 | 148 | .35 | 129 | PCT | 11 | | P2 | VS3 | -.76 | | TEH | TEC | .610 | SBAY2 | 10 | C | 51 | | |
| 115 | 148 | .36 | 99 | PCT | 12 | | P2 | VS2 | .75 | | TEH | TEC | .610 | SBAY2 | 2 | C | 275 | | |
| 117 | 148 | .28 | 77 | PCT | 10 | | P2 | BW2 | .76 | | TEH | TEC | .610 | SBAY2 | 2 | C | 276 | | |
| 121 | 148 | .55 | 112 | PCT | 16 | | P2 | BW2 | .87 | | TEH | TEC | .610 | SBAY2 | 2 | C | 278 | | |
| 127 | 148 | .30 | 39 | PCT | 10 | | P2 | BW2 | .98 | | TEH | TEC | .610 | SBAY2 | 2 | C | 281 | | |
| 129 | 148 | .32 | 158 | PCT | 11 | | P2 | BW2 | .96 | | TEH | TEC | .610 | SBAY2 | 4 | C | 5 | | |
| 124 | 149 | .34 | 140 | PCT | 12 | | P2 | BW2 | -.85 | | TEH | TEC | .610 | SBAY2 | 1 | C | 246 | | |
| 124 | 149 | .26 | 34 | PCT | 10 | | P2 | BW2 | .77 | | TEH | TEC | .610 | SBAY2 | 1 | C | 246 | | |
| 126 | 149 | .28 | 67 | PCT | 10 | | P2 | VS2 | 1.13 | | TEH | TEC | .610 | SBAY2 | 1 | C | 243 | | |
| 126 | 149 | .36 | 40 | PCT | 13 | | P2 | BW2 | .78 | | TEH | TEC | .610 | SBAY2 | 1 | C | 243 | | |
| 128 | 149 | .29 | 46 | PCT | 11 | | P2 | VS2 | -.77 | | TEH | TEC | .610 | SBAY2 | 1 | C | 242 | | |
| 150 | 149 | .29 | 138 | PCT | 11 | | P2 | 11H | .58 | | TEH | TEC | .610 | SBAY2 | 1 | C | 231 | | |
| 150 | 149 | .25 | 109 | PCT | 10 | | P2 | BW1 | -.51 | | TEH | TEC | .610 | SBAY2 | 1 | C | 231 | | |
| 109 | 150 | .29 | 45 | PCT | 11 | | P2 | VS2 | -.90 | | TEH | TEC | .610 | SBAY2 | 1 | C | 259 | | |
| 111 | 150 | .31 | 74 | PCT | 11 | | P2 | BW1 | -.95 | | TEH | TEC | .610 | SBAY2 | 1 | C | 260 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 115 | 150 | .27 | 41 | PCT | 10 | | P2 | VS5 | .45 | | TEH | TEC | .610 | SBAY2 | 1 | C | 262 | | |
| 117 | 150 | .46 | 93 | PCT | 15 | | P2 | VS3 | -.80 | | TEH | TEC | .610 | SBAY2 | 1 | C | 263 | | |
| 125 | 150 | .26 | 81 | PCT | 10 | | P2 | VS1 | .92 | | TEH | TEC | .610 | SBAY2 | 1 | C | 267 | | |
| 127 | 150 | .38 | 76 | PCT | 13 | | P2 | BW2 | .84 | | TEH | TEC | .610 | SBAY2 | 1 | C | 268 | | |
| 131 | 150 | .38 | 106 | PCT | 12 | | P2 | VS1 | .97 | | TEH | TEC | .610 | SBAY2 | 3 | C | 5 | | |
| 48 | 151 | .36 | 110 | PCT | 13 | | P2 | 09C | -1.15 | | VS3 | TEC | .610 | NBAZ1 | 24 | C | 146 | | |
| 50 | 151 | .18 | 122 | PCT | 8 | | P2 | VS3 | -.74 | | VS3 | TEC | .610 | NBAZ1 | 24 | C | 147 | | |
| 72 | 151 | .45 | 108 | PCT | 14 | | P2 | VS4 | -.90 | | TEH | TEC | .610 | SBAY2 | 10 | C | 64 | | |
| 110 | 151 | .37 | 149 | PCT | 12 | | P2 | BW1 | -.72 | | TEH | TEC | .610 | SBAY2 | 4 | C | 43 | | |
| 110 | 151 | .40 | 129 | PCT | 13 | | P2 | VS2 | -.69 | | TEH | TEC | .610 | SBAY2 | 4 | C | 43 | | |
| 134 | 151 | .20 | 40 | PCT | 8 | | P2 | VS3 | -.97 | | TEH | TEC | .610 | SBAY2 | 4 | C | 31 | | |
| 81 | 152 | .38 | 96 | PCT | 12 | | P2 | VS4 | .93 | | TEH | TEC | .610 | SBAY2 | 10 | C | 74 | | |
| 81 | 152 | .45 | 85 | PCT | 14 | | P2 | 09C | -1.04 | | TEH | TEC | .610 | SBAY2 | 10 | C | 74 | | |
| 131 | 152 | .30 | 151 | PCT | 10 | | P2 | VS1 | -.77 | | TEH | TEC | .610 | SBAY2 | 4 | C | 63 | | |
| 128 | 153 | .31 | 45 | PCT | 10 | | P2 | BW2 | .92 | | TEH | TEC | .610 | SBAY2 | 3 | C | 34 | | |
| 130 | 153 | .37 | 82 | PCT | 12 | | P2 | VS2 | -.83 | | TEH | TEC | .610 | SBAY2 | 3 | C | 33 | | |
| 132 | 153 | .48 | 98 | PCT | 14 | | P2 | VS1 | .71 | | TEH | TEC | .610 | SBAY2 | 3 | C | 32 | | |
| 35 | 154 | .31 | 141 | PCT | 10 | | P2 | BW1 | -.65 | | VS3 | TEH | .610 | NBAZ1 | 25 | H | 60 | | |
| 133 | 154 | .29 | 105 | PCT | 10 | | P2 | BW2 | -1.01 | | TEH | TEC | .610 | SBAY2 | 3 | C | 62 | | |
| 64 | 155 | .42 | 133 | PCT | 13 | | P2 | 08C | .75 | | TEH | TEC | .610 | SBAY2 | 10 | C | 91 | | |
| 128 | 155 | .36 | 152 | PCT | 12 | | P2 | VS4 | -.58 | | TEH | TEC | .610 | SBAY2 | 4 | C | 78 | | |
| 134 | 155 | .37 | 160 | PCT | 12 | | P2 | BW1 | -.93 | | TEH | TEC | .610 | SBAY2 | 4 | C | 75 | | |
| 63 | 156 | .47 | 40 | PCT | 14 | | P2 | 09C | -.89 | | TEH | TEC | .610 | SBAY2 | 10 | C | 114 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 69 | 156 | .31 | 85 | PCT | 10 | | P2 | 09H | 1.19 | | TEH | TEC | .610 | SBAY2 | 10 | C | 111 | | |
| 77 | 156 | .16 | 153 | PCT | 6 | | P2 | 08C | 1.08 | | TEH | TEC | .610 | SBAY2 | 10 | C | 107 | | |
| 108 | 157 | .45 | 100 | PCT | 14 | | P2 | BW1 | -1.74 | | TEH | TEC | .610 | SBAY2 | 3 | C | 85 | | |
| 118 | 157 | .61 | 85 | PCT | 17 | | P2 | BW1 | -.70 | | TEH | TEC | .610 | SBAY2 | 3 | C | 80 | | |
| 130 | 157 | .32 | 114 | PCT | 11 | | P2 | VS4 | -.73 | | TEH | TEC | .610 | SBAY2 | 3 | C | 74 | | |
| 130 | 157 | .92 | 108 | PCT | 22 | | P2 | VS5 | -.85 | | TEH | TEC | .610 | SBAY2 | 3 | C | 74 | | |
| 142 | 157 | .37 | 144 | PCT | 12 | | P2 | 11H | .80 | | TEH | TEC | .610 | SBAY2 | 3 | C | 68 | | |
| 142 | 157 | .34 | 57 | PCT | 11 | | P2 | BW1 | -.77 | | TEH | TEC | .610 | SBAY2 | 3 | C | 68 | | |
| 144 | 157 | .69 | 121 | NQI | | | P1 | TSH | .71 | | TEH | TEC | .610 | SBAY2 | 3 | C | 25 | | |
| 144 | 157 | .86 | 99 | PCT | 21 | | P2 | VS3 | -1.01 | | TEH | TEC | .610 | SBAY2 | 3 | C | 25 | | |
| 75 | 158 | .21 | 138 | PCT | 8 | | P2 | 08H | .97 | | TEH | TEC | .610 | SBAY2 | 11 | C | 122 | | |
| 81 | 158 | .33 | 132 | PCT | 11 | | P2 | VS2 | -.96 | | TEH | TEC | .610 | SBAY2 | 11 | C | 119 | | |
| 81 | 158 | .21 | 116 | PCT | 8 | | P2 | 09C | -.91 | | TEH | TEC | .610 | SBAY2 | 11 | C | 119 | | |
| 119 | 158 | .29 | 109 | PCT | 10 | | P2 | BW2 | 1.22 | | TEH | TEC | .610 | SBAY2 | 3 | C | 96 | | |
| 137 | 158 | .25 | 59 | PCT | 9 | | P2 | VS3 | -.82 | | TEH | TEC | .610 | SBAY2 | 3 | C | 105 | | |
| 56 | 159 | .37 | 139 | PCT | 12 | | P2 | VS3 | -.76 | | TEH | TEC | .610 | SBAY2 | 10 | C | 118 | | |
| 60 | 159 | .28 | 103 | PCT | 10 | | P2 | BW1 | .98 | | TEH | TEC | .610 | SBAY2 | 10 | C | 120 | | |
| 62 | 159 | .45 | 102 | PCT | 14 | | P2 | VS3 | -.85 | | TEH | TEC | .610 | SBAY2 | 10 | C | 121 | | |
| 140 | 159 | .39 | 130 | PCT | 12 | | P2 | BW1 | -.77 | | TEH | TEC | .610 | SBAY2 | 3 | C | 109 | | |
| 37 | 160 | .31 | 45 | PCT | 11 | | P2 | BW1 | -.64 | | VS3 | TEH | .610 | NBAZ1 | 26 | H | 14 | | |
| 79 | 160 | .33 | 145 | PCT | 11 | | P2 | VS2 | -.76 | | TEH | TEC | .610 | SBAY2 | 10 | C | 137 | | |
| 81 | 160 | .30 | 139 | PCT | 10 | | P2 | VS4 | .98 | | TEH | TEC | .610 | SBAY2 | 10 | C | 136 | | |
| 85 | 160 | .32 | 135 | PCT | 11 | | P2 | VS2 | -.82 | | TEH | TEC | .610 | SBAY2 | 10 | C | 134 | | |
| 129 | 160 | .24 | 159 | PCT | 9 | | P2 | VS1 | .88 | | TEH | TEC | .610 | SBAY2 | 4 | C | 161 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 133 | 160 | .35 | 142 | PCT | 12 | | P2 | VS5 | -.78 | | TEH | TEC | .610 | SBAY2 | 4 | C | 128 | | |
| 48 | 161 | .75 | 118 | PCT | 19 | | P2 | 09C | -1.25 | | VS3 | TEC | .610 | NBAZ1 | 25 | C | 24 | | |
| 128 | 161 | .37 | 101 | PCT | 12 | | P2 | VS4 | -.77 | | TEH | TEC | .610 | SBAY2 | 3 | C | 130 | | |
| 132 | 161 | .32 | 156 | PCT | 11 | | P2 | BW2 | .92 | | TEH | TEC | .610 | SBAY2 | 4 | C | 127 | | |
| 83 | 162 | .18 | 123 | PCT | 7 | | P2 | 09H | .88 | | TEH | TEC | .610 | SBAY2 | 11 | C | 153 | | |
| 85 | 162 | .29 | 116 | PCT | 10 | | P2 | VS4 | .83 | | TEH | TEC | .610 | SBAY2 | 11 | C | 152 | | |
| 111 | 162 | .27 | 96 | PCT | 10 | | P2 | VS2 | -.80 | | TEH | TEC | .610 | SBAY2 | 3 | C | 146 | | |
| 44 | 163 | .32 | 121 | PCT | 12 | | P2 | BW1 | -.84 | | TEH | TEC | .610 | SBAY1 | 232 | C | 56 | | |
| 92 | 163 | .23 | 120 | PCT | 8 | | P2 | BW2 | -.86 | | TEH | TEC | .610 | SBAY2 | 6 | C | 194 | | |
| 120 | 163 | .31 | 141 | PCT | 11 | | P2 | VS3 | .71 | | TEH | TEC | .610 | SBAY2 | 4 | C | 167 | | |
| 37 | 164 | .43 | 75 | PCT | 15 | | P2 | BW1 | 1.00 | | TEH | TEC | .610 | SBAY1 | 232 | C | 41 | | |
| 43 | 164 | .26 | 96 | PCT | 10 | | P2 | BW1 | .96 | | TEH | TEC | .610 | SBAY1 | 232 | C | 44 | | |
| 83 | 164 | .29 | 54 | PCT | 10 | | P2 | 08C | -.81 | | TEH | TEC | .610 | SBAY2 | 10 | C | 166 | | |
| 111 | 164 | .72 | 149 | PCT | 19 | | P2 | VS3 | -.88 | | TEH | TEC | .610 | SBAY2 | 4 | C | 182 | | |
| 133 | 164 | .31 | 128 | PCT | 11 | | P2 | BW1 | -.15 | | TEH | TEC | .610 | SBAY2 | 3 | C | 121 | | |
| 48 | 165 | .31 | 99 | PCT | 12 | | P2 | 09C | -1.00 | | TEH | TEC | .610 | SBAY1 | 232 | C | 5 | | |
| 128 | 165 | .27 | 157 | PCT | 10 | | P2 | VS2 | -.80 | | TEH | TEC | .610 | SBAY2 | 4 | C | 123 | | |
| 134 | 165 | .53 | 102 | PCT | 16 | | P2 | BW1 | -.58 | | TEH | TEC | .610 | SBAY2 | 3 | C | 115 | | |
| 134 | 165 | .29 | 72 | PCT | 10 | | P2 | VS3 | -.73 | | TEH | TEC | .610 | SBAY2 | 3 | C | 115 | | |
| 47 | 166 | .42 | 132 | PCT | 14 | | P2 | VS3 | -.75 | | TEH | TEC | .610 | SBAY1 | 230 | C | 304 | | |
| 55 | 166 | .29 | 117 | PCT | 10 | | P2 | BW1 | 1.22 | | TEH | TEC | .610 | SBAY2 | 11 | C | 205 | | |
| 107 | 166 | .34 | 87 | PCT | 11 | | P2 | VS2 | -.80 | | TEH | TEC | .610 | SBAY2 | 3 | C | 170 | | |
| 107 | 166 | .61 | 96 | PCT | 17 | | P2 | VS3 | -.79 | | TEH | TEC | .610 | SBAY2 | 3 | C | 170 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 111 | 166 | 1.08 | 108 | PCT | 24 | | P2 | VS3 | -.88 | | TEH | TEC | .610 | SBAY2 | 3 | C | 172 | | |
| 111 | 166 | .32 | 132 | PCT | 11 | | P2 | BW2 | -.95 | | TEH | TEC | .610 | SBAY2 | 3 | C | 172 | | |
| 131 | 166 | .35 | 67 | PCT | 12 | | P2 | VS3 | -.92 | | TEH | TEC | .610 | SBAY2 | 3 | C | 119 | | |
| 38 | 167 | .35 | 141 | PCT | 12 | | P2 | BW1 | .86 | | TEH | TEC | .610 | SBAY1 | 230 | C | 268 | | |
| 58 | 167 | .32 | 54 | PCT | 11 | | P2 | BW1 | -.61 | | TEH | TEC | .610 | SBAY2 | 10 | C | 181 | | |
| 60 | 167 | .31 | 19 | PCT | 10 | | P2 | 09C | -.79 | | TEH | TEC | .610 | SBAY2 | 10 | C | 182 | | |
| 70 | 167 | .55 | 127 | PCT | 16 | | P2 | VS2 | -.95 | | TEH | TEC | .610 | SBAY2 | 10 | C | 187 | | |
| 76 | 167 | .30 | 50 | PCT | 10 | | P2 | 08C | -.88 | | TEH | TEC | .610 | SBAY2 | 10 | C | 190 | | |
| 52 | 169 | .34 | 87 | PCT | 11 | | P2 | VS3 | -.70 | | TEH | TEC | .610 | SBAY1 | 231 | C | 226 | | |
| 76 | 169 | .20 | 93 | PCT | 7 | | P2 | VS2 | .88 | | TEH | TEC | .610 | SBAY2 | 11 | C | 217 | | |
| 106 | 169 | .36 | 123 | PCT | 12 | | P2 | BW1 | -1.22 | | TEH | TEC | .610 | SBAY2 | 3 | C | 190 | | |
| 106 | 169 | .39 | 93 | PCT | 13 | | P2 | BW2 | -1.22 | | TEH | TEC | .610 | SBAY2 | 3 | C | 190 | | |
| 128 | 169 | .36 | 83 | PCT | 12 | | P2 | VS3 | -.81 | | TEH | TEC | .610 | SBAY2 | 3 | C | 116 | | |
| 111 | 170 | .28 | 50 | PCT | 10 | | P2 | BW1 | .94 | | TEH | TEC | .610 | SBAY2 | 3 | C | 201 | | |
| 125 | 170 | .68 | 126 | PCT | 18 | | P2 | VS3 | .46 | | TEH | TEC | .610 | SBAY2 | 3 | C | 192 | | |
| 48 | 171 | .35 | 74 | PCT | 12 | | P2 | 09C | -1.79 | | TEH | TEC | .610 | SBAY1 | 230 | C | 210 | | |
| 84 | 171 | .26 | 85 | PCT | 11 | | P2 | VS2 | -.92 | | TEH | TEC | .610 | SBAY2 | 13 | C | 11 | | |
| 120 | 171 | .42 | 135 | PCT | 13 | | P2 | VS3 | -.91 | | TEH | TEC | .610 | SBAY2 | 4 | C | 209 | | |
| 122 | 171 | .88 | 104 | PCT | 22 | | P2 | VS3 | -1.00 | | TEH | TEC | .610 | SBAY2 | 3 | C | 206 | | |
| 35 | 172 | .37 | 97 | PCT | 12 | | P2 | BW1 | .97 | | TEH | TEC | .610 | SBAY1 | 231 | C | 187 | | |
| 39 | 172 | .34 | 32 | PCT | 11 | | P2 | BW1 | -.66 | | TEH | TEC | .610 | SBAY1 | 231 | C | 185 | | |
| 65 | 172 | .27 | 105 | PCT | 12 | | P2 | VS3 | -.82 | | TEH | TEC | .610 | SBAY2 | 13 | C | 32 | | |
| 121 | 172 | .29 | 79 | PCT | 10 | | P2 | 10H | -.33 | | TEH | TEC | .610 | SBAY2 | 3 | C | 207 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 16 | 173 | .32 | 125 | PCT | 10 | | P2 | 08H | -.77 | | TEH | TEC | .610 | SBAY1 | 231 | C | 158 | | |
| 60 | 173 | .27 | 121 | PCT | 10 | | P2 | VS3 | -.91 | | TEH | TEC | .610 | SBAY2 | 12 | C | 20 | | |
| 108 | 173 | .28 | 136 | PCT | 9 | | P2 | BW1 | -1.35 | | TEH | TEC | .610 | SBAY2 | 6 | C | 51 | | |
| 118 | 173 | .34 | 131 | PCT | 11 | | P2 | VS3 | .74 | | TEH | TEC | .610 | SBAY2 | 3 | C | 211 | | |
| 122 | 173 | .55 | 98 | PCT | 16 | | P2 | VS3 | -.91 | | TEH | TEC | .610 | SBAY2 | 3 | C | 195 | | |
| 122 | 173 | .62 | 105 | PCT | 17 | | P2 | VS3 | .84 | | TEH | TEC | .610 | SBAY2 | 3 | C | 195 | | |
| 59 | 174 | .52 | 63 | PCT | 16 | | P2 | BW1 | .86 | | TEH | TEC | .610 | SBAY2 | 12 | C | 24 | | |
| 75 | 174 | .25 | 106 | PCT | 10 | | P2 | VS2 | .80 | | TEH | TEC | .610 | SBAY2 | 12 | C | 34 | | |
| 107 | 174 | .27 | 64 | PCT | 9 | | P2 | VS3 | -.72 | | TEH | TEC | .610 | SBAY2 | 6 | C | 56 | | |
| 60 | 175 | .22 | 90 | PCT | 10 | | P2 | 08C | .72 | | TEH | TEC | .610 | SBAY2 | 13 | C | 58 | | |
| 80 | 175 | .41 | 29 | PCT | 15 | | P2 | BW2 | .73 | | TEH | TEC | .610 | SBAY2 | 13 | C | 48 | | |
| 88 | 175 | .29 | 152 | PCT | 10 | | P2 | VS3 | .67 | | TEH | TEC | .610 | SBAY2 | 6 | C | 67 | | |
| 116 | 175 | .28 | 69 | PCT | 10 | | P2 | BW1 | -.35 | | TEH | TEC | .610 | SBAY2 | 3 | C | 213 | | |
| 116 | 175 | .28 | 135 | PCT | 10 | | P2 | VS3 | -.95 | | TEH | TEC | .610 | SBAY2 | 3 | C | 213 | | |
| 87 | 176 | .35 | 147 | PCT | 11 | | P2 | VS2 | -.74 | | TEH | TEC | .610 | SBAY2 | 6 | C | 94 | | |
| 44 | 177 | .30 | 97 | PCT | 10 | | P2 | BW1 | -.87 | | TEH | TEC | .610 | SBAY1 | 231 | C | 126 | | |
| 82 | 177 | .32 | 102 | PCT | 11 | | P2 | VS3 | .61 | | TEH | TEC | .610 | SBAY2 | 12 | C | 42 | | |
| 84 | 177 | .32 | 128 | PCT | 12 | | P2 | VS2 | .76 | | TEH | TEC | .610 | SBAY2 | 12 | C | 41 | | |
| 31 | 178 | .32 | 106 | PCT | 11 | | P2 | VS3 | -.76 | | TEH | TEC | .610 | SBAY1 | 230 | C | 137 | | |
| 75 | 178 | .25 | 122 | PCT | 10 | | P2 | VS2 | -.80 | | TEH | TEC | .610 | SBAY2 | 12 | C | 64 | | |
| 113 | 178 | .34 | 109 | PCT | 13 | | P2 | VS3 | .62 | | TEH | TEC | .610 | SBAY2 | 5 | C | 12 | | |
| 26 | 179 | .27 | 64 | PCT | 10 | | P2 | VS3 | .98 | | TEH | TEC | .610 | SBAY1 | 230 | C | 109 | | |
| 44 | 179 | .34 | 132 | PCT | 12 | | P2 | BW2 | -.73 | | TEH | TEC | .610 | SBAY1 | 230 | C | 118 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 48 | 179 | .56 | 111 | PCT | 17 | | P2 | 09C | -.99 | | TEH | TEC | .610 | SBAY1 | 230 | C | 120 | | |
| 52 | 179 | .37 | 156 | PCT | 13 | | P2 | BW1 | -.91 | | TEH | TEC | .610 | SBAY1 | 230 | C | 122 | | |
| 76 | 179 | .23 | 63 | PCT | 11 | | P2 | VS2 | .93 | | TEH | TEC | .610 | SBAY2 | 13 | C | 85 | | |
| 39 | 180 | .30 | 124 | PCT | 10 | | P2 | BW2 | -.98 | | TEH | TEC | .610 | SBAY1 | 231 | C | 96 | | |
| 77 | 180 | .25 | 129 | PCT | 11 | | P2 | BW2 | -.94 | | TEH | TEC | .610 | SBAY2 | 13 | C | 108 | | |
| 109 | 180 | .42 | 115 | PCT | 13 | | P2 | VS3 | -1.00 | | TEH | TEC | .610 | SBAY2 | 9 | C | 135 | | |
| 52 | 181 | .38 | 137 | PCT | 12 | | P2 | BW1 | -.83 | | TEH | TEC | .610 | SBAY1 | 231 | C | 87 | | |
| 106 | 181 | .52 | 109 | PCT | 15 | | P2 | VS3 | -.98 | | TEH | TEC | .610 | SBAY2 | 9 | C | 136 | | |
| 31 | 182 | .28 | 58 | PCT | 10 | | P2 | BW1 | 1.08 | | TEH | TEC | .610 | SBAY1 | 230 | C | 91 | | |
| 41 | 182 | .35 | 118 | PCT | 12 | | P2 | BW2 | -.76 | | TEH | TEC | .610 | SBAY1 | 230 | C | 86 | | |
| 85 | 182 | .45 | 117 | PCT | 15 | | P2 | VS2 | -.77 | | TEH | TEC | .610 | SBAY2 | 12 | C | 101 | | |
| 101 | 182 | .34 | 132 | PCT | 11 | | P2 | VS3 | -.95 | | TEH | TEC | .610 | SBAY2 | 9 | C | 142 | | |
| 103 | 182 | .61 | 105 | PCT | 16 | | P2 | VS3 | -.92 | | TEH | TEC | .610 | SBAY2 | 9 | C | 141 | | |
| 58 | 183 | .24 | 73 | PCT | 11 | | P2 | VS3 | -.57 | | TEH | TEC | .610 | SBAY2 | 13 | C | 127 | | |
| 76 | 183 | .37 | 108 | PCT | 15 | | P2 | VS2 | -.64 | | TEH | TEC | .610 | SBAY2 | 13 | C | 117 | | |
| 96 | 183 | .39 | 107 | PCT | 12 | | P2 | VS3 | -.94 | | TEH | TEC | .610 | SBAY2 | 9 | C | 154 | | |
| 98 | 183 | .29 | 107 | PCT | 9 | | P2 | VS3 | -1.04 | | TEH | TEC | .610 | SBAY2 | 9 | C | 155 | | |
| 102 | 183 | .50 | 135 | PCT | 14 | | P2 | VS3 | .85 | | TEH | TEC | .610 | SBAY2 | 9 | C | 139 | | |
| 48 | 185 | .43 | 112 | PCT | 13 | | P2 | 09C | -.96 | | TEH | TEC | .610 | SBAY1 | 231 | C | 37 | | |
| 98 | 185 | .24 | 130 | PCT | 8 | | P2 | VS2 | .50 | | TEH | TEC | .610 | SBAY2 | 9 | C | 158 | | |
| 98 | 185 | .30 | 109 | PCT | 10 | | P2 | VS4 | -.71 | | TEH | TEC | .610 | SBAY2 | 9 | C | 158 | | |
| 17 | 186 | .37 | 80 | PCT | 13 | | P2 | VS3 | -.87 | | TEH | TEC | .610 | SBAY1 | 230 | C | 54 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 19 | 186 | .28 | 144 | PCT | 10 | | P2 | VS3 | -.87 | | TEH | TEC | .610 | SBAY1 | 230 | C | 53 | | |
| 23 | 186 | .37 | 119 | PCT | 13 | | P2 | VS3 | -.94 | | TEH | TEC | .610 | SBAY1 | 230 | C | 51 | | |
| 25 | 186 | .48 | 96 | PCT | 15 | | P2 | VS3 | -.93 | | TEH | TEC | .610 | SBAY1 | 230 | C | 50 | | |
| 87 | 186 | .33 | 108 | PCT | 11 | | P2 | VS2 | .78 | | TEH | TEC | .610 | SBAY2 | 9 | C | 163 | | |
| 93 | 186 | .31 | 85 | PCT | 10 | | P2 | BW1 | .87 | | TEH | TEC | .610 | SBAY2 | 9 | C | 160 | | |
| 32 | 187 | .34 | 145 | PCT | 12 | | P2 | VS3 | -.86 | | TEH | TEC | .610 | SBAY1 | 230 | C | 26 | | |
| 38 | 187 | .47 | 50 | PCT | 15 | | P2 | VS3 | -.90 | | TEH | TEC | .610 | SBAY1 | 230 | C | 29 | | |
| 42 | 187 | .29 | 116 | PCT | 11 | | P2 | VS3 | -.91 | | TEH | TEC | .610 | SBAY1 | 230 | C | 31 | | |
| 52 | 187 | .31 | 58 | PCT | 11 | | P2 | BW1 | -.93 | | TEH | TEC | .610 | SBAY1 | 230 | C | 36 | | |
| 54 | 187 | .31 | 39 | PCT | 13 | | P2 | BW1 | -1.03 | | TEH | TEC | .610 | SBAY2 | 13 | C | 159 | | |
| 63 | 190 | .26 | 82 | PCT | 10 | | P2 | BW1 | .93 | | TEH | TEC | .610 | SBAY2 | 12 | C | 153 | | |
| 45 | 192 | .31 | 74 | PCT | 10 | | P2 | BW1 | -.83 | | TEH | TEC | .610 | SBAY2 | 19 | C | 124 | | |
| 29 | 194 | .24 | 127 | PCT | 9 | | P2 | VS3 | .82 | | TEH | TEC | .610 | SBAY2 | 18 | C | 93 | | |
| 56 | 195 | .32 | 153 | PCT | 13 | | P2 | BW2 | -1.25 | | TEH | TEC | .610 | SBAY2 | 13 | C | 195 | | |
| 64 | 195 | 1.63 | 38 | DTI | | | P5 | TSH | .05 | | TEH | TEC | .610 | SBAY2 | 12 | C | 189 | | |
| 6 | 203 | .33 | 106 | PCT | 12 | | P2 | 04C | .74 | | TEH | TEC | .610 | SBAY2 | 16 | C | 46 | | |
| 8 | 203 | .17 | 148 | NQI | | | P1 | TSC | .54 | | TEH | TEC | .610 | SBAY2 | 16 | C | 45 | | |
| 14 | 203 | .34 | 129 | PCT | 11 | | P2 | 04C | .82 | | TEH | TEC | .610 | SBAY2 | 18 | C | 6 | | |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

APPENDIX D

PLI & PLP

DATA SHEETS

SG - 11 SI PLP Calls

Palo Verde 1 U1R19

PVNGS1 20160401

04/25/2016 16:05:22

77 of 85

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|------|-------|-----|---|-----|-------|-------|
| 164 | 75 | 5.06 | 94 | PLP | | | 92 | 09C | 33.57 | | VS3 | TEC | .610 | ZYAX2 | 28 | C | 76 | HR | |
| 164 | 75 | 18.86 | 72 | PLP | | | 8 | 09C | 34.00 | | 09C | 10C | .600 | NPAHZ | 30 | C | 8 | HR | DQA |
| 165 | 76 | 2.20 | 107 | PLP | | | 60 | 09C | 34.20 | | VS3 | TEC | .610 | ZYAX2 | 28 | C | 77 | HR | |
| 165 | 76 | 10.19 | 64 | PLP | | | 8 | 09C | 34.05 | | 09C | 10C | .600 | NPAHZ | 30 | C | 10 | HR | DQA |
| 32 | 79 | 19.94 | 113 | PLP | | | 76 | TSH | .49 | | 01H | TEH | .610 | ZYAX2 | 44 | H | 14 | HR | |
| 32 | 79 | 51.49 | 81 | PLP | | | 8 | TSH | .35 | | TSH | 01H | .580 | NPUFZ | 46 | H | 9 | HR | DQA |
| 33 | 80 | 4.50 | 79 | PLP | | | 164 | TSH | .94 | | 01H | TEH | .610 | ZYAX2 | 44 | H | 13 | HR | |
| 33 | 80 | 10.91 | 94 | PLP | | | 8 | TSH | .56 | | TSH | 01H | .580 | NPUFZ | 46 | H | 11 | HR | DQA |
| 32 | 81 | 13.70 | 97 | PLP | | | 164 | TSH | 1.66 | | 01H | TEH | .610 | ZYAX2 | 44 | H | 19 | HR | |
| 32 | 81 | 41.18 | 84 | PLP | | | 8 | TSH | 1.34 | | TSH | 01H | .580 | NPUFZ | 46 | H | 13 | HR | DQA |
| 3 | 192 | 13.08 | 105 | PLP | | | 72 | 03H | 33.35 | | 08H | TEH | .610 | ZYAX2 | 41 | H | 12 | HR | |
| 3 | 192 | 28.22 | 75 | PLP | | | 8 | 03H | 33.27 | | 03H | 04H | .580 | NPUFZ | 46 | H | 17 | HR | DQA |
| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |

SG - 12 SI PLP Calls

Palo Verde 1 UIR19

PVNGS1 20160401

04/25/2016 16:05:22

| ROW | COL | VOLTS | DEG | IND | PER | CRLEN | CHN | LOCN | INCH1 | INCH2 | BEGT | ENDT | PDIA | PTYPE | CAL | L | IDX | UTIL1 | UTIL2 |
|-----|-----|-------|-----|-----|-----|-------|-----|------|-------|-------|------|------|-------|-------|-----|----|-----|-------|-------|
| 76 | 163 | 16.13 | 90 | PLP | | | 160 | TSH | .68 | 01H | TEH | .610 | ZYAX2 | 29 | H | 16 | | | SR |
| 76 | 163 | 39.64 | 82 | PLP | | | 8 | TSH | .83 | TSH | TSH | .600 | NPAHZ | 35 | H | 7 | | SR | DQA |

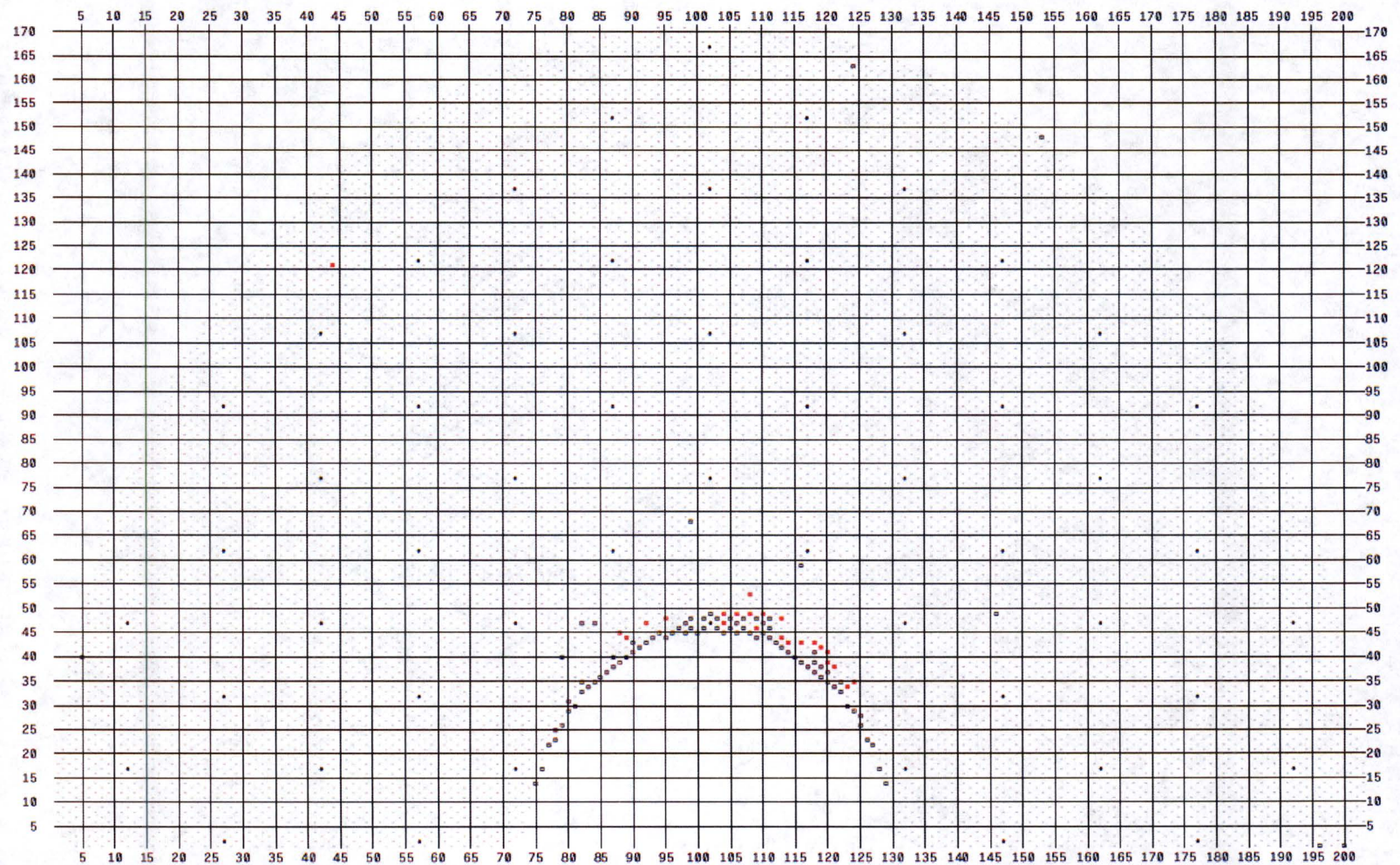
APPENDIX E

PLUG MAPS

SG - 11 Tubes Plugged in U1R19

Palo Verde U1R19 PVNGS1 1RSG

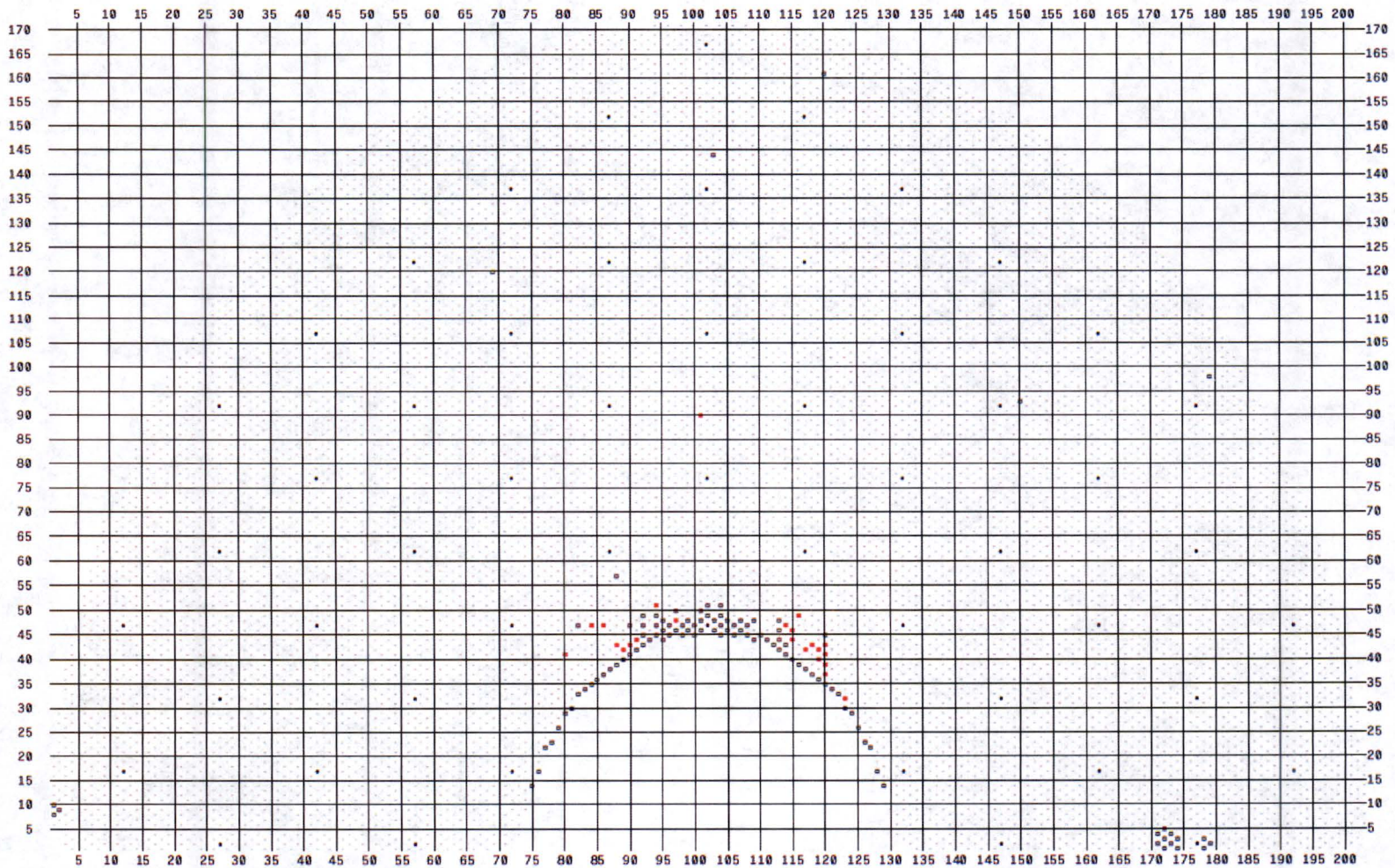
- 53 Stay Rod
- 88 Plugged Tube
- 23 Tube Plugged in U1R19



SG - 12 Tubes Plugged in U1R19

Palo Verde U1R19 PVNGS1 1RSG

- 53 Stay Rod
- 107 Plugged Tube
- 23 Tube Plugged in U1R19



APPENDIX F

FORM NIS-1

| | | | | |
|--|----------------------------------|---|--------------------------|--------------------------|
| APS | | NIS – 1 FORM | | |
| OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS | | | | |
| 1. OWNER | | ARIZONA PUBLIC SERVICE COMPANY, et al | | |
| 1a. ADDRESS | | P. O. BOX 52034; PHOENIX, ARIZONA 85072 | | |
| 2. PLANT | | PALO VERDE NUCLEAR GENERATING STATION | | |
| 2a. ADDRESS | | 5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354 | | |
| 3. UNIT NUMBER | | 1 | | |
| 4. OWNERS CERTIFICATE OF AUTHORIZATION | | | | NONE |
| 5. COMMERCIAL SERVICE DATE | | | | 1-28-86 |
| 6. COMPONENTS INSPECTED: | | | | |
| COMPONENT OR APPURTENANCE | MANUFACTURER OR INSTALLER | SERIAL NUMBER | STATE OR PROVINCE | NATIONAL BOARD NO |
| 1MRCEE01A STEAM GENERATOR 11 | Ansaldo | 224 | NA | 173 |
| 1MRCEE01B STEAM GENERATOR 12 | Ansaldo | 225 | NA | 174 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

APS

NIS – 1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES**April 2016****8. INSPECTION INTERVAL****7-18-08 to 7-17-18****9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL.**

Table 1 in the report summary section documents the number and type of each examination performed.

A summary of the tubes with indications of degradation is listed in Appendix B and C of this report for SG 11 and 12 respectively. The tubes identified on page 3 were plugged as a result of this examination.

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THE EXAMINATIONS AND CORRECTIVE MEASURES TAKEN CONFORM TO THE RULES OF THE ASME CODE, SECTION XI.

DATE _____ SIGNED: ARIZONA PUBLIC SERVICE COMPANY BY _____

Hansen, Douglas**B(Z41530)**

Digitally signed by Hansen,
Douglas B(Z41530)

DN: cn=Hansen, Douglas B(Z41530)
Date: 2016.10.12 09:13:16 -07'00'

CERTIFICATE OF INSERVICE INSPECTION

I, THE UNDERSIGNED, HOLDING A VALID COMMISSION ISSUED BY THE NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS AND THE STATE OF PROVINCE OF ARIZONA EMPLOYED BY HSB CT OF HARTFORD, CONNECTICUT HAVE INSPECTED THE COMPONENTS DESCRIBED IN THIS OWNERS REPORT DURING THE PERIOD 04-01-16 TO 10-20-16, AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE OWNER HAS PERFORMED EXAMINATIONS AND TAKEN CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODE, SECTION XI. BY SIGNING THIS CERTIFICATE NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE EXAMINATIONS AND CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT. FURTHERMORE, NEITHER THE INSPECTOR NOR HIS EMPLOYER SHALL BE LIABLE IN ANY MANNER FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR A LOSS OF ANY KIND ARISING FROM OR CONNECTED WITH THIS INSPECTION.

Hogstrom,**INSPECTOR Robert (YH2450)**

Digitally signed by Hogstrom,
Robert (YH2450)

DN: cn=Hogstrom, Robert (YH2450)
Date: 2016.10.20 18:00:48 -07'00'

COMMISSIONS N.B. 9685 "A,N,I,C" Az 264**NATL' BOARD, STATE, PROVINCE**

DATE _____

Plugged Tubes (Row – Column):

SG 11

| ROW | COL |
|-----|-----|
| 34 | 123 |
| 35 | 124 |
| 38 | 121 |
| 39 | 120 |
| 41 | 120 |
| 42 | 119 |
| 43 | 114 |
| 43 | 116 |
| 43 | 118 |
| 44 | 89 |
| 44 | 113 |
| 45 | 88 |
| 46 | 109 |
| 47 | 92 |
| 47 | 104 |
| 48 | 95 |
| 48 | 113 |
| 49 | 104 |
| 49 | 106 |
| 49 | 108 |
| 49 | 110 |
| 53 | 108 |
| 121 | 44 |

SG 12

| ROW | COL |
|-----|-----|
| 32 | 123 |
| 37 | 120 |
| 39 | 120 |
| 40 | 119 |
| 41 | 80 |
| 41 | 120 |
| 42 | 89 |
| 42 | 117 |
| 42 | 119 |
| 43 | 88 |
| 43 | 90 |
| 43 | 118 |
| 43 | 120 |
| 44 | 91 |
| 44 | 115 |
| 46 | 115 |
| 47 | 84 |
| 47 | 86 |
| 47 | 114 |
| 48 | 97 |
| 49 | 116 |
| 51 | 94 |
| 90 | 101 |