

General Algebraic Modeling System

Compilation

1

2

General Algebraic Modeling System

Compilation

COMPILATION TIME = 0.005 SECONDS 3 Mb LNX228-228 Jul 26, 2008

General Algebraic Modeling System

Model Statistics SOLVE STO_IP Using MIP From line 345

MODEL STATISTICS

BLOCKS OF EQUATIONS 6 SINGLE EQUATIONS 2,701

BLOCKS OF VARIABLES 4 SINGLE VARIABLES 2,413

NON ZERO ELEMENTS 14,413 DISCRETE VARIABLES 2,412

GENERATION TIME = 0.049 SECONDS 4 Mb LNX228-228 Jul 26, 2008

EXECUTION TIME = 0.050 SECONDS 4 Mb LNX228-228 Jul 26, 2008

General Algebraic Modeling System

Solution Report SOLVE STO_IP Using MIP From line 345

SOLVE SUMMARY

| | | | |
|--------|--------|-----------|----------|
| MODEL | STO_IP | OBJECTIVE | Z |
| TYPE | MIP | DIRECTION | MINIMIZE |
| SOLVER | XPRESS | FROM LINE | 345 |

**** SOLVER STATUS 1 NORMAL COMPLETION

**** MODEL STATUS 1 OPTIMAL

**** OBJECTIVE VALUE 1068.4653

RESOURCE USAGE, LIMIT 0.770 1000.000

ITERATION COUNT, LIMIT 1465 10000

Xpress-MP Aug 1, 2008 22.8.1 LNX 5247.6015 LX3 x86/Linux

Xpress-MP licensed by Dash to GAMS Development Corp. for GAMS

Type of presolve applied: MIP presolve.

LP relaxation solved: objective = 1068.38

calling chgbnds (2412,idx,type,bnds)

fixing discrete vars and re-solving as an LP.

?140 Warning: Basis lost - recovering

fixed LP solved successfully, objective = 1068.46531071.

Integer solution proven optimal.

MIP solution : 1068.465311

Best possible : 1068.465311

Absolute gap : 0.000000 optca : 0.000000

Relative gap : 0.000000 optcr : 0.100000

| | LOWER | LEVEL | UPPER | MARGINAL |
|--|-------|-------|-------|----------|
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|-------------------|---|---|---|-------|
| --- EQU OBJECTIVE | . | . | . | 1.000 |
|-------------------|---|---|---|-------|

OBJECTIVE objective function

--- EQU RA_CON constraint for controlling reservation and allocation

| | LOWER | LEVEL | UPPER | MARGINAL |
|--|-------|-------|-------|----------|
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|---------|------|---|---|---|
| 1.1.1.1 | -INF | . | . | . |
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| 1.1.1.2 | -INF | . | . | . |
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| 1.1.1.3 | -INF | . | . | . |
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| 1.1.1.4 | -INF | . | . | . |
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| 1.1.1.5 | -INF | . | . | . |
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|----------|------|---|---|--------|
| 1.1.1.6 | -INF | . | . | . |
| 1.1.1.7 | -INF | . | . | . |
| 1.1.1.8 | -INF | . | . | . |
| 1.1.1.9 | -INF | . | . | . |
| 1.1.1.10 | -INF | . | . | . |
| 1.1.1.11 | -INF | . | . | . |
| 1.1.1.12 | -INF | . | . | . |
| 1.1.1.13 | -INF | . | . | . |
| 1.1.1.14 | -INF | . | . | . |
| 1.1.1.15 | -INF | . | . | . |
| 1.1.1.16 | -INF | . | . | . |
| 1.1.1.17 | -INF | . | . | . |
| 1.1.1.18 | -INF | . | . | . |
| 1.1.1.19 | -INF | . | . | . |
| 1.1.1.20 | -INF | . | . | . |
| 1.1.1.21 | -INF | . | . | . |
| 1.1.1.22 | -INF | . | . | . |
| 1.1.1.23 | -INF | . | . | . |
| 1.1.1.24 | -INF | . | . | . |
| 1.1.1.25 | -INF | . | . | . |
| 1.1.1.26 | -INF | . | . | . |
| 1.1.1.27 | -INF | . | . | . |
| 1.1.1.28 | -INF | . | . | . |
| 1.1.1.29 | -INF | . | . | . |
| 1.1.1.30 | -INF | . | . | -0.293 |

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|----------|------|---|---|--------|
| 1.1.1.31 | -INF | . | . | -0.283 |
| 1.1.1.32 | -INF | . | . | -0.271 |
| 1.1.1.33 | -INF | . | . | -0.258 |
| 1.1.1.34 | -INF | . | . | -0.244 |
| 1.1.1.35 | -INF | . | . | -0.230 |
| 1.1.1.36 | -INF | . | . | -0.214 |
| 1.1.1.37 | -INF | . | . | -0.199 |
| 1.1.1.38 | -INF | . | . | -0.183 |
| 1.1.1.39 | -INF | . | . | -0.167 |
| 1.1.1.40 | -INF | . | . | -0.151 |
| 1.1.1.41 | -INF | . | . | -0.136 |
| 1.1.1.42 | -INF | . | . | -0.122 |
| 1.1.1.43 | -INF | . | . | -0.108 |
| 1.1.1.44 | -INF | . | . | -0.096 |
| 1.1.1.45 | -INF | . | . | -0.084 |
| 1.1.1.46 | -INF | . | . | -0.073 |
| 1.1.1.47 | -INF | . | . | -0.063 |
| 1.1.1.48 | -INF | . | . | -0.054 |
| 1.1.1.49 | -INF | . | . | -0.046 |
| 1.1.1.50 | -INF | . | . | -0.039 |
| 1.1.2.1 | -INF | . | . | . |
| 1.1.2.2 | -INF | . | . | . |
| 1.1.2.3 | -INF | . | . | . |
| 1.1.2.4 | -INF | . | . | . |
| 1.1.2.5 | -INF | . | . | . |

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| 1.1.2.6 | -INF | . | . | . |
| 1.1.2.7 | -INF | . | . | . |
| 1.1.2.8 | -INF | . | . | . |
| 1.1.2.9 | -INF | . | . | . |
| 1.1.2.10 | -INF | . | . | . |
| 1.1.2.11 | -INF | . | . | . |
| 1.1.2.12 | -INF | . | . | . |
| 1.1.2.13 | -INF | . | . | . |
| 1.1.2.14 | -INF | . | . | . |
| 1.1.2.15 | -INF | . | . | . |
| 1.1.2.16 | -INF | . | . | . |
| 1.1.2.17 | -INF | . | . | . |
| 1.1.2.18 | -INF | . | . | . |
| 1.1.2.19 | -INF | . | . | . |
| 1.1.2.20 | -INF | . | . | . |
| 1.1.2.21 | -INF | . | . | . |
| 1.1.2.22 | -INF | . | . | . |
| 1.1.2.23 | -INF | . | . | . |
| 1.1.2.24 | -INF | . | . | . |
| 1.1.2.25 | -INF | . | . | . |
| 1.1.2.26 | -INF | . | . | . |
| 1.1.2.27 | -INF | . | . | . |
| 1.1.2.28 | -INF | . | . | . |
| 1.1.2.29 | -INF | . | . | -0.284 |
| 1.1.2.30 | -INF | . | . | -0.172 |

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| 1.1.2.31 | -INF | . | . | -0.166 |
| 1.1.2.32 | -INF | . | . | -0.159 |
| 1.1.2.33 | -INF | . | . | -0.152 |
| 1.1.2.34 | -INF | . | . | -0.143 |
| 1.1.2.35 | -INF | . | . | -0.135 |
| 1.1.2.36 | -INF | . | . | -0.126 |
| 1.1.2.37 | -INF | . | . | -0.116 |
| 1.1.2.38 | -INF | . | . | -0.107 |
| 1.1.2.39 | -INF | . | . | -0.098 |
| 1.1.2.40 | -INF | . | . | -0.089 |
| 1.1.2.41 | -INF | . | . | -0.080 |
| 1.1.2.42 | -INF | . | . | -0.072 |
| 1.1.2.43 | -INF | . | . | -0.064 |
| 1.1.2.44 | -INF | . | . | -0.056 |
| 1.1.2.45 | -INF | . | . | -0.049 |
| 1.1.2.46 | -INF | . | . | -0.043 |
| 1.1.2.47 | -INF | . | . | -0.037 |
| 1.1.2.48 | -INF | . | . | -0.032 |
| 1.1.2.49 | -INF | . | . | -0.027 |
| 1.1.2.50 | -INF | . | . | -0.023 |
| 1.2.1.1 | -INF | . | . | . |
| 1.2.1.2 | -INF | . | . | . |
| 1.2.1.3 | -INF | . | . | . |
| 1.2.1.4 | -INF | . | . | . |
| 1.2.1.5 | -INF | . | . | . |

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| 1.2.1.6 | -INF | . | . | . |
| 1.2.1.7 | -INF | . | . | . |
| 1.2.1.8 | -INF | . | . | . |
| 1.2.1.9 | -INF | . | . | . |
| 1.2.1.10 | -INF | . | . | . |
| 1.2.1.11 | -INF | . | . | . |
| 1.2.1.12 | -INF | . | . | . |
| 1.2.1.13 | -INF | . | . | . |
| 1.2.1.14 | -INF | . | . | . |
| 1.2.1.15 | -INF | . | . | . |
| 1.2.1.16 | -INF | . | . | . |
| 1.2.1.17 | -INF | . | . | . |
| 1.2.1.18 | -INF | . | . | . |
| 1.2.1.19 | -INF | . | . | . |
| 1.2.1.20 | -INF | . | . | . |
| 1.2.1.21 | -INF | . | . | . |
| 1.2.1.22 | -INF | . | . | . |
| 1.2.1.23 | -INF | . | . | . |
| 1.2.1.24 | -INF | . | . | . |
| 1.2.1.25 | -INF | . | . | . |
| 1.2.1.26 | -INF | . | . | . |
| 1.2.1.27 | -INF | . | . | . |
| 1.2.1.28 | -INF | . | . | . |
| 1.2.1.29 | -INF | . | . | . |
| 1.2.1.30 | -INF | . | . | -0.293 |

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| 1.2.1.31 | -INF | . | . | -0.283 |
| 1.2.1.32 | -INF | . | . | -0.271 |
| 1.2.1.33 | -INF | . | . | -0.258 |
| 1.2.1.34 | -INF | . | . | -0.244 |
| 1.2.1.35 | -INF | . | . | -0.230 |
| 1.2.1.36 | -INF | . | . | -0.214 |
| 1.2.1.37 | -INF | . | . | -0.199 |
| 1.2.1.38 | -INF | . | . | -0.183 |
| 1.2.1.39 | -INF | . | . | -0.187 |
| 1.2.1.40 | -INF | . | . | -0.170 |
| 1.2.1.41 | -INF | . | . | -0.153 |
| 1.2.1.42 | -INF | . | . | -0.137 |
| 1.2.1.43 | -INF | . | . | -0.108 |
| 1.2.1.44 | -INF | . | . | -0.108 |
| 1.2.1.45 | -INF | . | . | -0.096 |
| 1.2.1.46 | -INF | . | . | -0.082 |
| 1.2.1.47 | -INF | . | . | -0.063 |
| 1.2.1.48 | -INF | . | . | -0.061 |
| 1.2.1.49 | -INF | . | . | -0.046 |
| 1.2.1.50 | -INF | . | . | -0.044 |
| 1.2.2.1 | -INF | . | . | . |
| 1.2.2.2 | -INF | . | . | . |
| 1.2.2.3 | -INF | . | . | . |
| 1.2.2.4 | -INF | . | . | . |
| 1.2.2.5 | -INF | . | . | . |

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| 1.2.2.6 | -INF | . | . | . |
| 1.2.2.7 | -INF | . | . | . |
| 1.2.2.8 | -INF | . | . | . |
| 1.2.2.9 | -INF | . | . | . |
| 1.2.2.10 | -INF | . | . | . |
| 1.2.2.11 | -INF | . | . | . |
| 1.2.2.12 | -INF | . | . | . |
| 1.2.2.13 | -INF | . | . | . |
| 1.2.2.14 | -INF | . | . | . |
| 1.2.2.15 | -INF | . | . | . |
| 1.2.2.16 | -INF | . | . | . |
| 1.2.2.17 | -INF | . | . | . |
| 1.2.2.18 | -INF | . | . | . |
| 1.2.2.19 | -INF | . | . | . |
| 1.2.2.20 | -INF | . | . | . |
| 1.2.2.21 | -INF | . | . | . |
| 1.2.2.22 | -INF | . | . | . |
| 1.2.2.23 | -INF | . | . | . |
| 1.2.2.24 | -INF | . | . | . |
| 1.2.2.25 | -INF | . | . | . |
| 1.2.2.26 | -INF | . | . | . |
| 1.2.2.27 | -INF | . | . | . |
| 1.2.2.28 | -INF | . | . | . |
| 1.2.2.29 | -INF | . | . | -0.284 |
| 1.2.2.30 | -INF | . | . | -0.172 |

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| 1.2.2.31 | -INF | . | . | -0.166 |
| 1.2.2.32 | -INF | . | . | -0.159 |
| 1.2.2.33 | -INF | . | . | -0.152 |
| 1.2.2.34 | -INF | . | . | -0.143 |
| 1.2.2.35 | -INF | . | . | -0.135 |
| 1.2.2.36 | -INF | . | . | -0.126 |
| 1.2.2.37 | -INF | . | . | -0.116 |
| 1.2.2.38 | -INF | . | . | -0.107 |
| 1.2.2.39 | -INF | . | . | -0.107 |
| 1.2.2.40 | -INF | . | . | -0.097 |
| 1.2.2.41 | -INF | . | . | -0.087 |
| 1.2.2.42 | -INF | . | . | -0.078 |
| 1.2.2.43 | -INF | . | . | -0.064 |
| 1.2.2.44 | -INF | . | . | -0.061 |
| 1.2.2.45 | -INF | . | . | -0.049 |
| 1.2.2.46 | -INF | . | . | -0.047 |
| 1.2.2.47 | -INF | . | . | -0.037 |
| 1.2.2.48 | -INF | . | . | -0.035 |
| 1.2.2.49 | -INF | . | . | -0.027 |
| 1.2.2.50 | -INF | . | . | -0.025 |
| 1.3.1.1 | -INF | . | . | . |
| 1.3.1.2 | -INF | . | . | . |
| 1.3.1.3 | -INF | . | . | . |
| 1.3.1.4 | -INF | . | . | . |
| 1.3.1.5 | -INF | . | . | . |

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| 1.3.1.6 | -INF | . | . | . |
| 1.3.1.7 | -INF | . | . | . |
| 1.3.1.8 | -INF | . | . | . |
| 1.3.1.9 | -INF | . | . | . |
| 1.3.1.10 | -INF | . | . | . |
| 1.3.1.11 | -INF | . | . | . |
| 1.3.1.12 | -INF | . | . | . |
| 1.3.1.13 | -INF | . | . | . |
| 1.3.1.14 | -INF | . | . | . |
| 1.3.1.15 | -INF | . | . | . |
| 1.3.1.16 | -INF | . | . | . |
| 1.3.1.17 | -INF | . | . | . |
| 1.3.1.18 | -INF | . | . | . |
| 1.3.1.19 | -INF | . | . | . |
| 1.3.1.20 | -INF | . | . | . |
| 1.3.1.21 | -INF | . | . | . |
| 1.3.1.22 | -INF | . | . | . |
| 1.3.1.23 | -INF | . | . | . |
| 1.3.1.24 | -INF | . | . | . |
| 1.3.1.25 | -INF | . | . | . |
| 1.3.1.26 | -INF | . | . | . |
| 1.3.1.27 | -INF | . | . | . |
| 1.3.1.28 | -INF | . | . | . |
| 1.3.1.29 | -INF | . | . | -0.046 |
| 1.3.1.30 | -INF | . | . | -0.338 |

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|----------|------|---|---|--------|
| 1.3.1.31 | -INF | . | . | -0.326 |
| 1.3.1.32 | -INF | . | . | -0.313 |
| 1.3.1.33 | -INF | . | . | -0.298 |
| 1.3.1.34 | -INF | . | . | -0.282 |
| 1.3.1.35 | -INF | . | . | -0.265 |
| 1.3.1.36 | -INF | . | . | -0.247 |
| 1.3.1.37 | -INF | . | . | -0.229 |
| 1.3.1.38 | -INF | . | . | -0.211 |
| 1.3.1.39 | -INF | . | . | -0.213 |
| 1.3.1.40 | -INF | . | . | -0.193 |
| 1.3.1.41 | -INF | . | . | -0.174 |
| 1.3.1.42 | -INF | . | . | -0.156 |
| 1.3.1.43 | -INF | . | . | -0.125 |
| 1.3.1.44 | -INF | . | . | -0.122 |
| 1.3.1.45 | -INF | . | . | -0.109 |
| 1.3.1.46 | -INF | . | . | -0.093 |
| 1.3.1.47 | -INF | . | . | -0.073 |
| 1.3.1.48 | -INF | . | . | -0.069 |
| 1.3.1.49 | -INF | . | . | -0.053 |
| 1.3.1.50 | -INF | . | . | -0.050 |
| 1.3.2.1 | -INF | . | . | . |
| 1.3.2.2 | -INF | . | . | . |
| 1.3.2.3 | -INF | . | . | . |
| 1.3.2.4 | -INF | . | . | . |
| 1.3.2.5 | -INF | . | . | . |

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| 1.3.2.6 | -INF | . | . | . |
| 1.3.2.7 | -INF | . | . | . |
| 1.3.2.8 | -INF | . | . | . |
| 1.3.2.9 | -INF | . | . | . |
| 1.3.2.10 | -INF | . | . | . |
| 1.3.2.11 | -INF | . | . | . |
| 1.3.2.12 | -INF | . | . | . |
| 1.3.2.13 | -INF | . | . | . |
| 1.3.2.14 | -INF | . | . | . |
| 1.3.2.15 | -INF | . | . | . |
| 1.3.2.16 | -INF | . | . | . |
| 1.3.2.17 | -INF | . | . | . |
| 1.3.2.18 | -INF | . | . | . |
| 1.3.2.19 | -INF | . | . | . |
| 1.3.2.20 | -INF | . | . | . |
| 1.3.2.21 | -INF | . | . | . |
| 1.3.2.22 | -INF | . | . | . |
| 1.3.2.23 | -INF | . | . | . |
| 1.3.2.24 | -INF | . | . | . |
| 1.3.2.25 | -INF | . | . | . |
| 1.3.2.26 | -INF | . | . | . |
| 1.3.2.27 | -INF | . | . | . |
| 1.3.2.28 | -INF | . | . | . |
| 1.3.2.29 | -INF | . | . | -0.304 |
| 1.3.2.30 | -INF | . | . | -0.191 |

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|----------|------|---------|---|--------|
| 1.3.2.31 | -INF | . | . | -0.185 |
| 1.3.2.32 | -INF | . | . | -0.177 |
| 1.3.2.33 | -INF | . | . | -0.169 |
| 1.3.2.34 | -INF | . | . | -0.160 |
| 1.3.2.35 | -INF | . | . | -0.150 |
| 1.3.2.36 | -INF | . | . | -0.140 |
| 1.3.2.37 | -INF | . | . | -0.130 |
| 1.3.2.38 | -INF | . | . | -0.119 |
| 1.3.2.39 | -INF | . | . | -0.118 |
| 1.3.2.40 | -INF | . | . | -0.107 |
| 1.3.2.41 | -INF | . | . | -0.096 |
| 1.3.2.42 | -INF | . | . | -0.086 |
| 1.3.2.43 | -INF | . | . | -0.071 |
| 1.3.2.44 | -INF | . | . | -0.068 |
| 1.3.2.45 | -INF | . | . | -0.055 |
| 1.3.2.46 | -INF | . | . | -0.052 |
| 1.3.2.47 | -INF | . | . | -0.041 |
| 1.3.2.48 | -INF | . | . | -0.038 |
| 1.3.2.49 | -INF | . | . | -0.030 |
| 1.3.2.50 | -INF | . | . | -0.028 |
| 1.4.1.1 | -INF | -28.000 | . | . |
| 1.4.1.2 | -INF | -27.000 | . | . |
| 1.4.1.3 | -INF | -26.000 | . | . |
| 1.4.1.4 | -INF | -25.000 | . | . |
| 1.4.1.5 | -INF | -24.000 | . | . |

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| 1.4.1.6 | -INF | -23.000 | . | . |
| 1.4.1.7 | -INF | -22.000 | . | . |
| 1.4.1.8 | -INF | -21.000 | . | . |
| 1.4.1.9 | -INF | -20.000 | . | . |
| 1.4.1.10 | -INF | -19.000 | . | . |
| 1.4.1.11 | -INF | -18.000 | . | . |
| 1.4.1.12 | -INF | -17.000 | . | . |
| 1.4.1.13 | -INF | -16.000 | . | . |
| 1.4.1.14 | -INF | -15.000 | . | . |
| 1.4.1.15 | -INF | -14.000 | . | . |
| 1.4.1.16 | -INF | -13.000 | . | . |
| 1.4.1.17 | -INF | -12.000 | . | . |
| 1.4.1.18 | -INF | -11.000 | . | . |
| 1.4.1.19 | -INF | -10.000 | . | . |
| 1.4.1.20 | -INF | -9.000 | . | . |
| 1.4.1.21 | -INF | -8.000 | . | . |
| 1.4.1.22 | -INF | -7.000 | . | . |
| 1.4.1.23 | -INF | -6.000 | . | . |
| 1.4.1.24 | -INF | -5.000 | . | . |
| 1.4.1.25 | -INF | -4.000 | . | . |
| 1.4.1.26 | -INF | -3.000 | . | . |
| 1.4.1.27 | -INF | -2.000 | . | . |
| 1.4.1.28 | -INF | -1.000 | . | . |
| 1.4.1.29 | -INF | . | . | -0.046 |
| 1.4.1.30 | -INF | . | . | -0.338 |

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| 1.4.1.31 | -INF | . | . | -0.326 |
| 1.4.1.32 | -INF | . | . | -0.313 |
| 1.4.1.33 | -INF | . | . | -0.298 |
| 1.4.1.34 | -INF | . | . | -0.282 |
| 1.4.1.35 | -INF | . | . | -0.265 |
| 1.4.1.36 | -INF | . | . | -0.247 |
| 1.4.1.37 | -INF | . | . | -0.229 |
| 1.4.1.38 | -INF | . | . | -0.211 |
| 1.4.1.39 | -INF | . | . | -0.213 |
| 1.4.1.40 | -INF | . | . | -0.193 |
| 1.4.1.41 | -INF | . | . | -0.174 |
| 1.4.1.42 | -INF | . | . | -0.156 |
| 1.4.1.43 | -INF | . | . | -0.125 |
| 1.4.1.44 | -INF | . | . | -0.122 |
| 1.4.1.45 | -INF | . | . | -0.109 |
| 1.4.1.46 | -INF | . | . | -0.093 |
| 1.4.1.47 | -INF | . | . | -0.073 |
| 1.4.1.48 | -INF | . | . | -0.069 |
| 1.4.1.49 | -INF | . | . | -0.053 |
| 1.4.1.50 | -INF | . | . | -0.050 |
| 1.4.2.1 | -INF | -28.000 | . | . |
| 1.4.2.2 | -INF | -27.000 | . | . |
| 1.4.2.3 | -INF | -26.000 | . | . |
| 1.4.2.4 | -INF | -25.000 | . | . |
| 1.4.2.5 | -INF | -24.000 | . | . |

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| 1.4.2.6 | -INF | -23.000 | . | . |
| 1.4.2.7 | -INF | -22.000 | . | . |
| 1.4.2.8 | -INF | -21.000 | . | . |
| 1.4.2.9 | -INF | -20.000 | . | . |
| 1.4.2.10 | -INF | -19.000 | . | . |
| 1.4.2.11 | -INF | -18.000 | . | . |
| 1.4.2.12 | -INF | -17.000 | . | . |
| 1.4.2.13 | -INF | -16.000 | . | . |
| 1.4.2.14 | -INF | -15.000 | . | . |
| 1.4.2.15 | -INF | -14.000 | . | . |
| 1.4.2.16 | -INF | -13.000 | . | . |
| 1.4.2.17 | -INF | -12.000 | . | . |
| 1.4.2.18 | -INF | -11.000 | . | . |
| 1.4.2.19 | -INF | -10.000 | . | . |
| 1.4.2.20 | -INF | -9.000 | . | . |
| 1.4.2.21 | -INF | -8.000 | . | . |
| 1.4.2.22 | -INF | -7.000 | . | . |
| 1.4.2.23 | -INF | -6.000 | . | . |
| 1.4.2.24 | -INF | -5.000 | . | . |
| 1.4.2.25 | -INF | -4.000 | . | . |
| 1.4.2.26 | -INF | -3.000 | . | . |
| 1.4.2.27 | -INF | -2.000 | . | . |
| 1.4.2.28 | -INF | -1.000 | . | . |
| 1.4.2.29 | -INF | . | . | -0.304 |
| 1.4.2.30 | -INF | . | . | -0.191 |

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| 1.4.2.31 | -INF | . | . | -0.185 |
| 1.4.2.32 | -INF | . | . | -0.177 |
| 1.4.2.33 | -INF | . | . | -0.169 |
| 1.4.2.34 | -INF | . | . | -0.160 |
| 1.4.2.35 | -INF | . | . | -0.150 |
| 1.4.2.36 | -INF | . | . | -0.140 |
| 1.4.2.37 | -INF | . | . | -0.130 |
| 1.4.2.38 | -INF | . | . | -0.119 |
| 1.4.2.39 | -INF | . | . | -0.118 |
| 1.4.2.40 | -INF | . | . | -0.107 |
| 1.4.2.41 | -INF | . | . | -0.096 |
| 1.4.2.42 | -INF | . | . | -0.086 |
| 1.4.2.43 | -INF | . | . | -0.071 |
| 1.4.2.44 | -INF | . | . | -0.068 |
| 1.4.2.45 | -INF | . | . | -0.055 |
| 1.4.2.46 | -INF | . | . | -0.052 |
| 1.4.2.47 | -INF | . | . | -0.041 |
| 1.4.2.48 | -INF | . | . | -0.038 |
| 1.4.2.49 | -INF | . | . | -0.030 |
| 1.4.2.50 | -INF | . | . | -0.028 |
| 2.1.1.1 | -INF | . | . | . |
| 2.1.1.2 | -INF | . | . | . |
| 2.1.1.3 | -INF | . | . | . |
| 2.1.1.4 | -INF | . | . | . |
| 2.1.1.5 | -INF | . | . | . |

2.1.1.6 -INF . . .
2.1.1.7 -INF . . .
2.1.1.8 -INF . . .
2.1.1.9 -INF . . .
2.1.1.10 -INF . . .
2.1.1.11 -INF . . .
2.1.1.12 -INF . . .
2.1.1.13 -INF . . .
2.1.1.14 -INF . . .
2.1.1.15 -INF . . .
2.1.1.16 -INF . . .
2.1.1.17 -INF . . .
2.1.1.18 -INF . . .
2.1.1.19 -INF . . .
2.1.1.20 -INF . . .
2.1.1.21 -INF . . .
2.1.1.22 -INF . . .
2.1.1.23 -INF . . .
2.1.1.24 -INF . . .
2.1.1.25 -INF . . .
2.1.1.26 -INF . . .
2.1.1.27 -INF . . .
2.1.1.28 -INF . . .
2.1.1.29 -INF . . .
2.1.1.30 -INF . . .

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| 2.1.1.31 | -INF | . | . | -0.209 |
| 2.1.1.32 | -INF | . | . | -0.200 |
| 2.1.1.33 | -INF | . | . | -0.191 |
| 2.1.1.34 | -INF | . | . | -0.181 |
| 2.1.1.35 | -INF | . | . | -0.170 |
| 2.1.1.36 | -INF | . | . | -0.158 |
| 2.1.1.37 | -INF | . | . | -0.147 |
| 2.1.1.38 | -INF | . | . | -0.135 |
| 2.1.1.39 | -INF | . | . | -0.123 |
| 2.1.1.40 | -INF | . | . | -0.112 |
| 2.1.1.41 | -INF | . | . | -0.101 |
| 2.1.1.42 | -INF | . | . | -0.090 |
| 2.1.1.43 | -INF | . | . | -0.100 |
| 2.1.1.44 | -INF | . | . | -0.071 |
| 2.1.1.45 | -INF | . | . | -0.059 |
| 2.1.1.46 | -INF | . | . | -0.054 |
| 2.1.1.47 | -INF | . | . | -0.058 |
| 2.1.1.48 | -INF | . | . | -0.040 |
| 2.1.1.49 | -INF | . | . | -0.043 |
| 2.1.1.50 | -INF | . | . | -0.029 |
| 2.1.2.1 | -INF | . | . | . |
| 2.1.2.2 | -INF | . | . | . |
| 2.1.2.3 | -INF | . | . | . |
| 2.1.2.4 | -INF | . | . | . |
| 2.1.2.5 | -INF | . | . | . |

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| 2.1.2.6 | -INF | . | . | . |
| 2.1.2.7 | -INF | . | . | . |
| 2.1.2.8 | -INF | . | . | . |
| 2.1.2.9 | -INF | . | . | . |
| 2.1.2.10 | -INF | . | . | . |
| 2.1.2.11 | -INF | . | . | . |
| 2.1.2.12 | -INF | . | . | . |
| 2.1.2.13 | -INF | . | . | . |
| 2.1.2.14 | -INF | . | . | . |
| 2.1.2.15 | -INF | . | . | . |
| 2.1.2.16 | -INF | . | . | . |
| 2.1.2.17 | -INF | . | . | . |
| 2.1.2.18 | -INF | . | . | . |
| 2.1.2.19 | -INF | . | . | . |
| 2.1.2.20 | -INF | . | . | . |
| 2.1.2.21 | -INF | . | . | . |
| 2.1.2.22 | -INF | . | . | . |
| 2.1.2.23 | -INF | . | . | . |
| 2.1.2.24 | -INF | . | . | . |
| 2.1.2.25 | -INF | . | . | . |
| 2.1.2.26 | -INF | . | . | . |
| 2.1.2.27 | -INF | . | . | . |
| 2.1.2.28 | -INF | . | . | . |
| 2.1.2.29 | -INF | . | . | . |
| 2.1.2.30 | -INF | . | . | -0.162 |

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| 2.1.2.31 | -INF | . | . | -0.157 |
| 2.1.2.32 | -INF | . | . | -0.150 |
| 2.1.2.33 | -INF | . | . | -0.143 |
| 2.1.2.34 | -INF | . | . | -0.135 |
| 2.1.2.35 | -INF | . | . | -0.127 |
| 2.1.2.36 | -INF | . | . | -0.119 |
| 2.1.2.37 | -INF | . | . | -0.110 |
| 2.1.2.38 | -INF | . | . | -0.101 |
| 2.1.2.39 | -INF | . | . | -0.092 |
| 2.1.2.40 | -INF | . | . | -0.084 |
| 2.1.2.41 | -INF | . | . | -0.076 |
| 2.1.2.42 | -INF | . | . | -0.068 |
| 2.1.2.43 | -INF | . | . | -0.069 |
| 2.1.2.44 | -INF | . | . | -0.053 |
| 2.1.2.45 | -INF | . | . | -0.053 |
| 2.1.2.46 | -INF | . | . | -0.040 |
| 2.1.2.47 | -INF | . | . | -0.040 |
| 2.1.2.48 | -INF | . | . | -0.030 |
| 2.1.2.49 | -INF | . | . | -0.029 |
| 2.1.2.50 | -INF | . | . | -0.022 |
| 2.2.1.1 | -INF | . | . | . |
| 2.2.1.2 | -INF | . | . | . |
| 2.2.1.3 | -INF | . | . | . |
| 2.2.1.4 | -INF | . | . | . |
| 2.2.1.5 | -INF | . | . | . |

2.2.1.6 -INF . . .
2.2.1.7 -INF . . .
2.2.1.8 -INF . . .
2.2.1.9 -INF . . .
2.2.1.10 -INF . . .
2.2.1.11 -INF . . .
2.2.1.12 -INF . . .
2.2.1.13 -INF . . .
2.2.1.14 -INF . . .
2.2.1.15 -INF . . .
2.2.1.16 -INF . . .
2.2.1.17 -INF . . .
2.2.1.18 -INF . . .
2.2.1.19 -INF . . .
2.2.1.20 -INF . . .
2.2.1.21 -INF . . .
2.2.1.22 -INF . . .
2.2.1.23 -INF . . .
2.2.1.24 -INF . . .
2.2.1.25 -INF . . .
2.2.1.26 -INF . . .
2.2.1.27 -INF . . .
2.2.1.28 -INF . . .
2.2.1.29 -INF . . .
2.2.1.30 -INF . . .

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| 2.2.1.31 | -INF | . | . | -0.209 |
| 2.2.1.32 | -INF | . | . | -0.200 |
| 2.2.1.33 | -INF | . | . | -0.191 |
| 2.2.1.34 | -INF | . | . | -0.181 |
| 2.2.1.35 | -INF | . | . | -0.170 |
| 2.2.1.36 | -INF | . | . | -0.158 |
| 2.2.1.37 | -INF | . | . | -0.147 |
| 2.2.1.38 | -INF | . | . | -0.135 |
| 2.2.1.39 | -INF | . | . | -0.154 |
| 2.2.1.40 | -INF | . | . | -0.140 |
| 2.2.1.41 | -INF | . | . | -0.126 |
| 2.2.1.42 | -INF | . | . | -0.113 |
| 2.2.1.43 | -INF | . | . | -0.100 |
| 2.2.1.44 | -INF | . | . | -0.088 |
| 2.2.1.45 | -INF | . | . | -0.077 |
| 2.2.1.46 | -INF | . | . | -0.067 |
| 2.2.1.47 | -INF | . | . | -0.058 |
| 2.2.1.48 | -INF | . | . | -0.050 |
| 2.2.1.49 | -INF | . | . | -0.043 |
| 2.2.1.50 | -INF | . | . | -0.036 |
| 2.2.2.1 | -INF | . | . | . |
| 2.2.2.2 | -INF | . | . | . |
| 2.2.2.3 | -INF | . | . | . |
| 2.2.2.4 | -INF | . | . | . |
| 2.2.2.5 | -INF | . | . | . |

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| 2.2.2.6 | -INF | . | . | . |
| 2.2.2.7 | -INF | . | . | . |
| 2.2.2.8 | -INF | . | . | . |
| 2.2.2.9 | -INF | . | . | . |
| 2.2.2.10 | -INF | . | . | . |
| 2.2.2.11 | -INF | . | . | . |
| 2.2.2.12 | -INF | . | . | . |
| 2.2.2.13 | -INF | . | . | . |
| 2.2.2.14 | -INF | . | . | . |
| 2.2.2.15 | -INF | . | . | . |
| 2.2.2.16 | -INF | . | . | . |
| 2.2.2.17 | -INF | . | . | . |
| 2.2.2.18 | -INF | . | . | . |
| 2.2.2.19 | -INF | . | . | . |
| 2.2.2.20 | -INF | . | . | . |
| 2.2.2.21 | -INF | . | . | . |
| 2.2.2.22 | -INF | . | . | . |
| 2.2.2.23 | -INF | . | . | . |
| 2.2.2.24 | -INF | . | . | . |
| 2.2.2.25 | -INF | . | . | . |
| 2.2.2.26 | -INF | . | . | . |
| 2.2.2.27 | -INF | . | . | . |
| 2.2.2.28 | -INF | . | . | . |
| 2.2.2.29 | -INF | . | . | . |
| 2.2.2.30 | -INF | . | . | -0.162 |

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| 2.2.2.31 | -INF | . | . | -0.157 |
| 2.2.2.32 | -INF | . | . | -0.150 |
| 2.2.2.33 | -INF | . | . | -0.143 |
| 2.2.2.34 | -INF | . | . | -0.135 |
| 2.2.2.35 | -INF | . | . | -0.127 |
| 2.2.2.36 | -INF | . | . | -0.119 |
| 2.2.2.37 | -INF | . | . | -0.110 |
| 2.2.2.38 | -INF | . | . | -0.101 |
| 2.2.2.39 | -INF | . | . | -0.106 |
| 2.2.2.40 | -INF | . | . | -0.096 |
| 2.2.2.41 | -INF | . | . | -0.086 |
| 2.2.2.42 | -INF | . | . | -0.077 |
| 2.2.2.43 | -INF | . | . | -0.069 |
| 2.2.2.44 | -INF | . | . | -0.061 |
| 2.2.2.45 | -INF | . | . | -0.053 |
| 2.2.2.46 | -INF | . | . | -0.046 |
| 2.2.2.47 | -INF | . | . | -0.040 |
| 2.2.2.48 | -INF | . | . | -0.034 |
| 2.2.2.49 | -INF | . | . | -0.029 |
| 2.2.2.50 | -INF | . | . | -0.025 |
| 2.3.1.1 | -INF | -2.000 | . | . |
| 2.3.1.2 | -INF | -2.000 | . | . |
| 2.3.1.3 | -INF | -2.000 | . | . |
| 2.3.1.4 | -INF | -2.000 | . | . |
| 2.3.1.5 | -INF | -2.000 | . | . |

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| 2.3.1.6 | -INF | -2.000 | . | . |
| 2.3.1.7 | -INF | -2.000 | . | . |
| 2.3.1.8 | -INF | -2.000 | . | . |
| 2.3.1.9 | -INF | -2.000 | . | . |
| 2.3.1.10 | -INF | -2.000 | . | . |
| 2.3.1.11 | -INF | -2.000 | . | . |
| 2.3.1.12 | -INF | -2.000 | . | . |
| 2.3.1.13 | -INF | -2.000 | . | . |
| 2.3.1.14 | -INF | -2.000 | . | . |
| 2.3.1.15 | -INF | -2.000 | . | . |
| 2.3.1.16 | -INF | -2.000 | . | . |
| 2.3.1.17 | -INF | -2.000 | . | . |
| 2.3.1.18 | -INF | -2.000 | . | . |
| 2.3.1.19 | -INF | -2.000 | . | . |
| 2.3.1.20 | -INF | -2.000 | . | . |
| 2.3.1.21 | -INF | -2.000 | . | . |
| 2.3.1.22 | -INF | -2.000 | . | . |
| 2.3.1.23 | -INF | -2.000 | . | . |
| 2.3.1.24 | -INF | -2.000 | . | . |
| 2.3.1.25 | -INF | -2.000 | . | . |
| 2.3.1.26 | -INF | -2.000 | . | . |
| 2.3.1.27 | -INF | . | . | . |
| 2.3.1.28 | -INF | . | . | . |
| 2.3.1.29 | -INF | -1.000 | . | . |
| 2.3.1.30 | -INF | . | . | . |

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| 2.3.1.31 | -INF | . | . | -0.220 |
| 2.3.1.32 | -INF | . | . | -0.211 |
| 2.3.1.33 | -INF | . | . | -0.201 |
| 2.3.1.34 | -INF | . | . | -0.190 |
| 2.3.1.35 | -INF | . | . | -0.178 |
| 2.3.1.36 | -INF | . | . | -0.166 |
| 2.3.1.37 | -INF | . | . | -0.154 |
| 2.3.1.38 | -INF | . | . | -0.142 |
| 2.3.1.39 | -INF | . | . | -0.160 |
| 2.3.1.40 | -INF | . | . | -0.146 |
| 2.3.1.41 | -INF | . | . | -0.131 |
| 2.3.1.42 | -INF | . | . | -0.117 |
| 2.3.1.43 | -INF | . | . | -0.104 |
| 2.3.1.44 | -INF | . | . | -0.092 |
| 2.3.1.45 | -INF | . | . | -0.081 |
| 2.3.1.46 | -INF | . | . | -0.070 |
| 2.3.1.47 | -INF | . | . | -0.061 |
| 2.3.1.48 | -INF | . | . | -0.052 |
| 2.3.1.49 | -INF | . | . | -0.044 |
| 2.3.1.50 | -INF | . | . | -0.038 |
| 2.3.2.1 | -INF | -2.000 | . | . |
| 2.3.2.2 | -INF | -2.000 | . | . |
| 2.3.2.3 | -INF | -2.000 | . | . |
| 2.3.2.4 | -INF | -2.000 | . | . |
| 2.3.2.5 | -INF | -2.000 | . | . |

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| 2.3.2.6 | -INF | -2.000 | . | . |
| 2.3.2.7 | -INF | -2.000 | . | . |
| 2.3.2.8 | -INF | -2.000 | . | . |
| 2.3.2.9 | -INF | -2.000 | . | . |
| 2.3.2.10 | -INF | -2.000 | . | . |
| 2.3.2.11 | -INF | -2.000 | . | . |
| 2.3.2.12 | -INF | -2.000 | . | . |
| 2.3.2.13 | -INF | -2.000 | . | . |
| 2.3.2.14 | -INF | -2.000 | . | . |
| 2.3.2.15 | -INF | -2.000 | . | . |
| 2.3.2.16 | -INF | -2.000 | . | . |
| 2.3.2.17 | -INF | -2.000 | . | . |
| 2.3.2.18 | -INF | -2.000 | . | . |
| 2.3.2.19 | -INF | -2.000 | . | . |
| 2.3.2.20 | -INF | -2.000 | . | . |
| 2.3.2.21 | -INF | -2.000 | . | . |
| 2.3.2.22 | -INF | -2.000 | . | . |
| 2.3.2.23 | -INF | -2.000 | . | . |
| 2.3.2.24 | -INF | -2.000 | . | . |
| 2.3.2.25 | -INF | -2.000 | . | . |
| 2.3.2.26 | -INF | -2.000 | . | . |
| 2.3.2.27 | -INF | . | . | EPS |
| 2.3.2.28 | -INF | -2.000 | . | . |
| 2.3.2.29 | -INF | . | . | EPS |
| 2.3.2.30 | -INF | . | . | -0.167 |

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| 2.3.2.31 | -INF | . | . | -0.161 |
| 2.3.2.32 | -INF | . | . | -0.155 |
| 2.3.2.33 | -INF | . | . | -0.147 |
| 2.3.2.34 | -INF | . | . | -0.139 |
| 2.3.2.35 | -INF | . | . | -0.131 |
| 2.3.2.36 | -INF | . | . | -0.122 |
| 2.3.2.37 | -INF | . | . | -0.113 |
| 2.3.2.38 | -INF | . | . | -0.104 |
| 2.3.2.39 | -INF | . | . | -0.108 |
| 2.3.2.40 | -INF | . | . | -0.098 |
| 2.3.2.41 | -INF | . | . | -0.089 |
| 2.3.2.42 | -INF | . | . | -0.079 |
| 2.3.2.43 | -INF | . | . | -0.070 |
| 2.3.2.44 | -INF | . | . | -0.062 |
| 2.3.2.45 | -INF | . | . | -0.054 |
| 2.3.2.46 | -INF | . | . | -0.047 |
| 2.3.2.47 | -INF | . | . | -0.041 |
| 2.3.2.48 | -INF | . | . | -0.035 |
| 2.3.2.49 | -INF | . | . | -0.030 |
| 2.3.2.50 | -INF | . | . | -0.025 |
| 2.4.1.1 | -INF | -27.000 | . | . |
| 2.4.1.2 | -INF | -26.000 | . | . |
| 2.4.1.3 | -INF | -25.000 | . | . |
| 2.4.1.4 | -INF | -24.000 | . | . |
| 2.4.1.5 | -INF | -23.000 | . | . |

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| 2.4.1.6 | -INF | -22.000 | . | . |
| 2.4.1.7 | -INF | -21.000 | . | . |
| 2.4.1.8 | -INF | -20.000 | . | . |
| 2.4.1.9 | -INF | -19.000 | . | . |
| 2.4.1.10 | -INF | -18.000 | . | . |
| 2.4.1.11 | -INF | -17.000 | . | . |
| 2.4.1.12 | -INF | -16.000 | . | . |
| 2.4.1.13 | -INF | -15.000 | . | . |
| 2.4.1.14 | -INF | -14.000 | . | . |
| 2.4.1.15 | -INF | -13.000 | . | . |
| 2.4.1.16 | -INF | -12.000 | . | . |
| 2.4.1.17 | -INF | -11.000 | . | . |
| 2.4.1.18 | -INF | -10.000 | . | . |
| 2.4.1.19 | -INF | -9.000 | . | . |
| 2.4.1.20 | -INF | -8.000 | . | . |
| 2.4.1.21 | -INF | -7.000 | . | . |
| 2.4.1.22 | -INF | -6.000 | . | . |
| 2.4.1.23 | -INF | -5.000 | . | . |
| 2.4.1.24 | -INF | -4.000 | . | . |
| 2.4.1.25 | -INF | -3.000 | . | . |
| 2.4.1.26 | -INF | -2.000 | . | . |
| 2.4.1.27 | -INF | -3.000 | . | . |
| 2.4.1.28 | -INF | -2.000 | . | . |
| 2.4.1.29 | -INF | . | . | EPS |
| 2.4.1.30 | -INF | . | . | EPS |

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|----------|------|---------|---|--------|
| 2.4.1.31 | -INF | . | . | -0.220 |
| 2.4.1.32 | -INF | . | . | -0.211 |
| 2.4.1.33 | -INF | . | . | -0.201 |
| 2.4.1.34 | -INF | . | . | -0.190 |
| 2.4.1.35 | -INF | . | . | -0.178 |
| 2.4.1.36 | -INF | . | . | -0.166 |
| 2.4.1.37 | -INF | . | . | -0.154 |
| 2.4.1.38 | -INF | . | . | -0.142 |
| 2.4.1.39 | -INF | . | . | -0.160 |
| 2.4.1.40 | -INF | . | . | -0.146 |
| 2.4.1.41 | -INF | . | . | -0.131 |
| 2.4.1.42 | -INF | . | . | -0.117 |
| 2.4.1.43 | -INF | . | . | -0.104 |
| 2.4.1.44 | -INF | . | . | -0.092 |
| 2.4.1.45 | -INF | . | . | -0.081 |
| 2.4.1.46 | -INF | . | . | -0.070 |
| 2.4.1.47 | -INF | . | . | -0.061 |
| 2.4.1.48 | -INF | . | . | -0.052 |
| 2.4.1.49 | -INF | . | . | -0.044 |
| 2.4.1.50 | -INF | . | . | -0.038 |
| 2.4.2.1 | -INF | -27.000 | . | . |
| 2.4.2.2 | -INF | -26.000 | . | . |
| 2.4.2.3 | -INF | -25.000 | . | . |
| 2.4.2.4 | -INF | -24.000 | . | . |
| 2.4.2.5 | -INF | -23.000 | . | . |

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| 2.4.2.6 | -INF | -22.000 | . | . |
| 2.4.2.7 | -INF | -21.000 | . | . |
| 2.4.2.8 | -INF | -20.000 | . | . |
| 2.4.2.9 | -INF | -19.000 | . | . |
| 2.4.2.10 | -INF | -18.000 | . | . |
| 2.4.2.11 | -INF | -17.000 | . | . |
| 2.4.2.12 | -INF | -16.000 | . | . |
| 2.4.2.13 | -INF | -15.000 | . | . |
| 2.4.2.14 | -INF | -14.000 | . | . |
| 2.4.2.15 | -INF | -13.000 | . | . |
| 2.4.2.16 | -INF | -12.000 | . | . |
| 2.4.2.17 | -INF | -11.000 | . | . |
| 2.4.2.18 | -INF | -10.000 | . | . |
| 2.4.2.19 | -INF | -9.000 | . | . |
| 2.4.2.20 | -INF | -8.000 | . | . |
| 2.4.2.21 | -INF | -7.000 | . | . |
| 2.4.2.22 | -INF | -6.000 | . | . |
| 2.4.2.23 | -INF | -5.000 | . | . |
| 2.4.2.24 | -INF | -4.000 | . | . |
| 2.4.2.25 | -INF | -3.000 | . | . |
| 2.4.2.26 | -INF | -2.000 | . | . |
| 2.4.2.27 | -INF | -3.000 | . | . |
| 2.4.2.28 | -INF | . | . | -0.260 |
| 2.4.2.29 | -INF | -1.000 | . | . |
| 2.4.2.30 | -INF | . | . | -0.167 |

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| 2.4.2.31 | -INF | . | . | -0.161 |
| 2.4.2.32 | -INF | . | . | -0.155 |
| 2.4.2.33 | -INF | . | . | -0.147 |
| 2.4.2.34 | -INF | . | . | -0.139 |
| 2.4.2.35 | -INF | . | . | -0.131 |
| 2.4.2.36 | -INF | . | . | -0.122 |
| 2.4.2.37 | -INF | . | . | -0.113 |
| 2.4.2.38 | -INF | . | . | -0.104 |
| 2.4.2.39 | -INF | . | . | -0.108 |
| 2.4.2.40 | -INF | . | . | -0.098 |
| 2.4.2.41 | -INF | . | . | -0.089 |
| 2.4.2.42 | -INF | . | . | -0.079 |
| 2.4.2.43 | -INF | . | . | -0.070 |
| 2.4.2.44 | -INF | . | . | -0.062 |
| 2.4.2.45 | -INF | . | . | -0.054 |
| 2.4.2.46 | -INF | . | . | -0.047 |
| 2.4.2.47 | -INF | . | . | -0.041 |
| 2.4.2.48 | -INF | . | . | -0.035 |
| 2.4.2.49 | -INF | . | . | -0.030 |
| 2.4.2.50 | -INF | . | . | -0.025 |
| 3.1.1.1 | -INF | . | . | . |
| 3.1.1.2 | -INF | . | . | . |
| 3.1.1.3 | -INF | . | . | . |
| 3.1.1.4 | -INF | . | . | . |
| 3.1.1.5 | -INF | . | . | . |

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| 3.1.1.6 | -INF | . | . | . |
| 3.1.1.7 | -INF | . | . | . |
| 3.1.1.8 | -INF | . | . | . |
| 3.1.1.9 | -INF | . | . | . |
| 3.1.1.10 | -INF | . | . | . |
| 3.1.1.11 | -INF | . | . | . |
| 3.1.1.12 | -INF | . | . | . |
| 3.1.1.13 | -INF | . | . | . |
| 3.1.1.14 | -INF | . | . | . |
| 3.1.1.15 | -INF | . | . | . |
| 3.1.1.16 | -INF | . | . | . |
| 3.1.1.17 | -INF | . | . | . |
| 3.1.1.18 | -INF | . | . | . |
| 3.1.1.19 | -INF | . | . | . |
| 3.1.1.20 | -INF | . | . | . |
| 3.1.1.21 | -INF | . | . | . |
| 3.1.1.22 | -INF | . | . | . |
| 3.1.1.23 | -INF | . | . | . |
| 3.1.1.24 | -INF | . | . | . |
| 3.1.1.25 | -INF | . | . | . |
| 3.1.1.26 | -INF | . | . | . |
| 3.1.1.27 | -INF | . | . | . |
| 3.1.1.28 | -INF | . | . | . |
| 3.1.1.29 | -INF | . | . | -0.827 |
| 3.1.1.30 | -INF | . | . | -0.342 |

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| 3.1.1.31 | -INF | . | . | -0.331 |
| 3.1.1.32 | -INF | . | . | -0.317 |
| 3.1.1.33 | -INF | . | . | -0.302 |
| 3.1.1.34 | -INF | . | . | -0.286 |
| 3.1.1.35 | -INF | . | . | -0.269 |
| 3.1.1.36 | -INF | . | . | -0.251 |
| 3.1.1.37 | -INF | . | . | -0.232 |
| 3.1.1.38 | -INF | . | . | -0.214 |
| 3.1.1.39 | -INF | . | . | -0.195 |
| 3.1.1.40 | -INF | . | . | -0.177 |
| 3.1.1.41 | -INF | . | . | -0.160 |
| 3.1.1.42 | -INF | . | . | -0.143 |
| 3.1.1.43 | -INF | . | . | . |
| 3.1.1.44 | -INF | . | . | -0.112 |
| 3.1.1.45 | -INF | . | . | -0.098 |
| 3.1.1.46 | -INF | . | . | -0.089 |
| 3.1.1.47 | -INF | . | . | . |
| 3.1.1.48 | -INF | . | . | -0.066 |
| 3.1.1.49 | -INF | . | . | . |
| 3.1.1.50 | -INF | . | . | -0.046 |
| 3.1.2.1 | -INF | . | . | . |
| 3.1.2.2 | -INF | . | . | . |
| 3.1.2.3 | -INF | . | . | . |
| 3.1.2.4 | -INF | . | . | . |
| 3.1.2.5 | -INF | . | . | . |

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| 3.1.2.6 | -INF | . | . | . |
| 3.1.2.7 | -INF | . | . | . |
| 3.1.2.8 | -INF | . | . | . |
| 3.1.2.9 | -INF | . | . | . |
| 3.1.2.10 | -INF | . | . | . |
| 3.1.2.11 | -INF | . | . | . |
| 3.1.2.12 | -INF | . | . | . |
| 3.1.2.13 | -INF | . | . | . |
| 3.1.2.14 | -INF | . | . | . |
| 3.1.2.15 | -INF | . | . | . |
| 3.1.2.16 | -INF | . | . | . |
| 3.1.2.17 | -INF | . | . | . |
| 3.1.2.18 | -INF | . | . | . |
| 3.1.2.19 | -INF | . | . | . |
| 3.1.2.20 | -INF | . | . | . |
| 3.1.2.21 | -INF | . | . | . |
| 3.1.2.22 | -INF | . | . | . |
| 3.1.2.23 | -INF | . | . | . |
| 3.1.2.24 | -INF | . | . | . |
| 3.1.2.25 | -INF | . | . | . |
| 3.1.2.26 | -INF | . | . | . |
| 3.1.2.27 | -INF | . | . | . |
| 3.1.2.28 | -INF | . | . | . |
| 3.1.2.29 | -INF | . | . | . |
| 3.1.2.30 | -INF | . | . | -0.239 |

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| 3.1.2.31 | -INF | . | . | -0.231 |
| 3.1.2.32 | -INF | . | . | -0.222 |
| 3.1.2.33 | -INF | . | . | -0.211 |
| 3.1.2.34 | -INF | . | . | -0.200 |
| 3.1.2.35 | -INF | . | . | -0.188 |
| 3.1.2.36 | -INF | . | . | -0.175 |
| 3.1.2.37 | -INF | . | . | -0.162 |
| 3.1.2.38 | -INF | . | . | -0.149 |
| 3.1.2.39 | -INF | . | . | -0.136 |
| 3.1.2.40 | -INF | . | . | -0.124 |
| 3.1.2.41 | -INF | . | . | -0.112 |
| 3.1.2.42 | -INF | . | . | -0.100 |
| 3.1.2.43 | -INF | . | . | . |
| 3.1.2.44 | -INF | . | . | -0.078 |
| 3.1.2.45 | -INF | . | . | . |
| 3.1.2.46 | -INF | . | . | -0.060 |
| 3.1.2.47 | -INF | . | . | . |
| 3.1.2.48 | -INF | . | . | -0.044 |
| 3.1.2.49 | -INF | . | . | . |
| 3.1.2.50 | -INF | . | . | -0.032 |
| 3.2.1.1 | -INF | . | . | . |
| 3.2.1.2 | -INF | . | . | . |
| 3.2.1.3 | -INF | . | . | . |
| 3.2.1.4 | -INF | . | . | . |
| 3.2.1.5 | -INF | . | . | . |

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| 3.2.1.6 | -INF | . | . | . |
| 3.2.1.7 | -INF | . | . | . |
| 3.2.1.8 | -INF | . | . | . |
| 3.2.1.9 | -INF | . | . | . |
| 3.2.1.10 | -INF | . | . | . |
| 3.2.1.11 | -INF | . | . | . |
| 3.2.1.12 | -INF | . | . | . |
| 3.2.1.13 | -INF | . | . | . |
| 3.2.1.14 | -INF | . | . | . |
| 3.2.1.15 | -INF | . | . | . |
| 3.2.1.16 | -INF | . | . | . |
| 3.2.1.17 | -INF | . | . | . |
| 3.2.1.18 | -INF | . | . | . |
| 3.2.1.19 | -INF | . | . | . |
| 3.2.1.20 | -INF | . | . | . |
| 3.2.1.21 | -INF | . | . | . |
| 3.2.1.22 | -INF | . | . | . |
| 3.2.1.23 | -INF | . | . | . |
| 3.2.1.24 | -INF | . | . | . |
| 3.2.1.25 | -INF | . | . | . |
| 3.2.1.26 | -INF | . | . | . |
| 3.2.1.27 | -INF | . | . | . |
| 3.2.1.28 | -INF | . | . | . |
| 3.2.1.29 | -INF | . | . | -0.827 |
| 3.2.1.30 | -INF | . | . | -0.342 |

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| 3.2.1.31 | -INF | . | . | -0.331 |
| 3.2.1.32 | -INF | . | . | -0.317 |
| 3.2.1.33 | -INF | . | . | -0.302 |
| 3.2.1.34 | -INF | . | . | -0.286 |
| 3.2.1.35 | -INF | . | . | -0.269 |
| 3.2.1.36 | -INF | . | . | -0.251 |
| 3.2.1.37 | -INF | . | . | -0.232 |
| 3.2.1.38 | -INF | . | . | -0.214 |
| 3.2.1.39 | -INF | . | . | -0.236 |
| 3.2.1.40 | -INF | . | . | -0.214 |
| 3.2.1.41 | -INF | . | . | -0.193 |
| 3.2.1.42 | -INF | . | . | -0.173 |
| 3.2.1.43 | -INF | . | . | . |
| 3.2.1.44 | -INF | . | . | -0.136 |
| 3.2.1.45 | -INF | . | . | -0.123 |
| 3.2.1.46 | -INF | . | . | -0.107 |
| 3.2.1.47 | -INF | . | . | . |
| 3.2.1.48 | -INF | . | . | -0.079 |
| 3.2.1.49 | -INF | . | . | . |
| 3.2.1.50 | -INF | . | . | -0.055 |
| 3.2.2.1 | -INF | . | . | . |
| 3.2.2.2 | -INF | . | . | . |
| 3.2.2.3 | -INF | . | . | . |
| 3.2.2.4 | -INF | . | . | . |
| 3.2.2.5 | -INF | . | . | . |

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| 3.2.2.6 | -INF | . | . | . |
| 3.2.2.7 | -INF | . | . | . |
| 3.2.2.8 | -INF | . | . | . |
| 3.2.2.9 | -INF | . | . | . |
| 3.2.2.10 | -INF | . | . | . |
| 3.2.2.11 | -INF | . | . | . |
| 3.2.2.12 | -INF | . | . | . |
| 3.2.2.13 | -INF | . | . | . |
| 3.2.2.14 | -INF | . | . | . |
| 3.2.2.15 | -INF | . | . | . |
| 3.2.2.16 | -INF | . | . | . |
| 3.2.2.17 | -INF | . | . | . |
| 3.2.2.18 | -INF | . | . | . |
| 3.2.2.19 | -INF | . | . | . |
| 3.2.2.20 | -INF | . | . | . |
| 3.2.2.21 | -INF | . | . | . |
| 3.2.2.22 | -INF | . | . | . |
| 3.2.2.23 | -INF | . | . | . |
| 3.2.2.24 | -INF | . | . | . |
| 3.2.2.25 | -INF | . | . | . |
| 3.2.2.26 | -INF | . | . | . |
| 3.2.2.27 | -INF | . | . | . |
| 3.2.2.28 | -INF | . | . | . |
| 3.2.2.29 | -INF | . | . | . |
| 3.2.2.30 | -INF | . | . | -0.239 |

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| 3.2.2.31 | -INF | . | . | -0.231 |
| 3.2.2.32 | -INF | . | . | -0.222 |
| 3.2.2.33 | -INF | . | . | -0.211 |
| 3.2.2.34 | -INF | . | . | -0.200 |
| 3.2.2.35 | -INF | . | . | -0.188 |
| 3.2.2.36 | -INF | . | . | -0.175 |
| 3.2.2.37 | -INF | . | . | -0.162 |
| 3.2.2.38 | -INF | . | . | -0.149 |
| 3.2.2.39 | -INF | . | . | -0.154 |
| 3.2.2.40 | -INF | . | . | -0.140 |
| 3.2.2.41 | -INF | . | . | -0.126 |
| 3.2.2.42 | -INF | . | . | -0.113 |
| 3.2.2.43 | -INF | . | . | . |
| 3.2.2.44 | -INF | . | . | -0.088 |
| 3.2.2.45 | -INF | . | . | . |
| 3.2.2.46 | -INF | . | . | -0.067 |
| 3.2.2.47 | -INF | . | . | . |
| 3.2.2.48 | -INF | . | . | -0.050 |
| 3.2.2.49 | -INF | . | . | . |
| 3.2.2.50 | -INF | . | . | -0.036 |
| 3.3.1.1 | -INF | -15.000 | . | . |
| 3.3.1.2 | -INF | -15.000 | . | . |
| 3.3.1.3 | -INF | -15.000 | . | . |
| 3.3.1.4 | -INF | -15.000 | . | . |
| 3.3.1.5 | -INF | -15.000 | . | . |

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| 3.3.1.6 | -INF | -15.000 | . | . |
| 3.3.1.7 | -INF | -15.000 | . | . |
| 3.3.1.8 | -INF | -15.000 | . | . |
| 3.3.1.9 | -INF | -15.000 | . | . |
| 3.3.1.10 | -INF | -15.000 | . | . |
| 3.3.1.11 | -INF | -15.000 | . | . |
| 3.3.1.12 | -INF | -15.000 | . | . |
| 3.3.1.13 | -INF | -15.000 | . | . |
| 3.3.1.14 | -INF | -15.000 | . | . |
| 3.3.1.15 | -INF | -14.000 | . | . |
| 3.3.1.16 | -INF | -13.000 | . | . |
| 3.3.1.17 | -INF | -12.000 | . | . |
| 3.3.1.18 | -INF | -11.000 | . | . |
| 3.3.1.19 | -INF | -10.000 | . | . |
| 3.3.1.20 | -INF | . | . | EPS |
| 3.3.1.21 | -INF | . | . | EPS |
| 3.3.1.22 | -INF | . | . | EPS |
| 3.3.1.23 | -INF | . | . | EPS |
| 3.3.1.24 | -INF | . | . | EPS |
| 3.3.1.25 | -INF | . | . | EPS |
| 3.3.1.26 | -INF | . | . | EPS |
| 3.3.1.27 | -INF | -2.000 | . | . |
| 3.3.1.28 | -INF | . | . | EPS |
| 3.3.1.29 | -INF | . | . | -0.851 |
| 3.3.1.30 | -INF | . | . | -0.365 |

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| 3.3.1.31 | -INF | . | . | -0.353 |
| 3.3.1.32 | -INF | . | . | -0.338 |
| 3.3.1.33 | -INF | . | . | -0.322 |
| 3.3.1.34 | -INF | . | . | -0.305 |
| 3.3.1.35 | -INF | . | . | -0.286 |
| 3.3.1.36 | -INF | . | . | -0.267 |
| 3.3.1.37 | -INF | . | . | -0.247 |
| 3.3.1.38 | -INF | . | . | -0.228 |
| 3.3.1.39 | -INF | . | . | -0.249 |
| 3.3.1.40 | -INF | . | . | -0.226 |
| 3.3.1.41 | -INF | . | . | -0.204 |
| 3.3.1.42 | -INF | . | . | -0.182 |
| 3.3.1.43 | -INF | . | . | . |
| 3.3.1.44 | -INF | . | . | -0.143 |
| 3.3.1.45 | -INF | . | . | -0.129 |
| 3.3.1.46 | -INF | . | . | -0.112 |
| 3.3.1.47 | -INF | . | . | . |
| 3.3.1.48 | -INF | . | . | -0.083 |
| 3.3.1.49 | -INF | . | . | . |
| 3.3.1.50 | -INF | . | . | -0.058 |
| 3.3.2.1 | -INF | -15.000 | . | . |
| 3.3.2.2 | -INF | -15.000 | . | . |
| 3.3.2.3 | -INF | -15.000 | . | . |
| 3.3.2.4 | -INF | -15.000 | . | . |
| 3.3.2.5 | -INF | -15.000 | . | . |

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| 3.3.2.6 | -INF | -15.000 | . | . |
| 3.3.2.7 | -INF | -15.000 | . | . |
| 3.3.2.8 | -INF | -15.000 | . | . |
| 3.3.2.9 | -INF | -15.000 | . | . |
| 3.3.2.10 | -INF | -15.000 | . | . |
| 3.3.2.11 | -INF | -15.000 | . | . |
| 3.3.2.12 | -INF | -15.000 | . | . |
| 3.3.2.13 | -INF | -15.000 | . | . |
| 3.3.2.14 | -INF | -15.000 | . | . |
| 3.3.2.15 | -INF | -14.000 | . | . |
| 3.3.2.16 | -INF | -13.000 | . | . |
| 3.3.2.17 | -INF | -12.000 | . | . |
| 3.3.2.18 | -INF | -11.000 | . | . |
| 3.3.2.19 | -INF | -10.000 | . | . |
| 3.3.2.20 | -INF | -9.000 | . | . |
| 3.3.2.21 | -INF | . | . | EPS |
| 3.3.2.22 | -INF | . | . | EPS |
| 3.3.2.23 | -INF | . | . | EPS |
| 3.3.2.24 | -INF | . | . | EPS |
| 3.3.2.25 | -INF | . | . | EPS |
| 3.3.2.26 | -INF | . | . | EPS |
| 3.3.2.27 | -INF | . | . | EPS |
| 3.3.2.28 | -INF | . | . | EPS |
| 3.3.2.29 | -INF | . | . | EPS |
| 3.3.2.30 | -INF | . | . | -0.249 |

| | | | | |
|----------|------|---------|---|--------|
| 3.3.2.31 | -INF | . | . | -0.241 |
| 3.3.2.32 | -INF | . | . | -0.231 |
| 3.3.2.33 | -INF | . | . | -0.220 |
| 3.3.2.34 | -INF | . | . | -0.208 |
| 3.3.2.35 | -INF | . | . | -0.195 |
| 3.3.2.36 | -INF | . | . | -0.182 |
| 3.3.2.37 | -INF | . | . | -0.169 |
| 3.3.2.38 | -INF | . | . | -0.155 |
| 3.3.2.39 | -INF | . | . | -0.160 |
| 3.3.2.40 | -INF | . | . | -0.145 |
| 3.3.2.41 | -INF | . | . | -0.130 |
| 3.3.2.42 | -INF | . | . | -0.117 |
| 3.3.2.43 | -INF | . | . | . |
| 3.3.2.44 | -INF | . | . | -0.092 |
| 3.3.2.45 | -INF | . | . | . |
| 3.3.2.46 | -INF | . | . | -0.070 |
| 3.3.2.47 | -INF | . | . | . |
| 3.3.2.48 | -INF | . | . | -0.052 |
| 3.3.2.49 | -INF | . | . | . |
| 3.3.2.50 | -INF | . | . | -0.037 |
| 3.4.1.1 | -INF | -13.000 | . | . |
| 3.4.1.2 | -INF | -12.000 | . | . |
| 3.4.1.3 | -INF | -11.000 | . | . |
| 3.4.1.4 | -INF | -10.000 | . | . |
| 3.4.1.5 | -INF | -9.000 | . | . |

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|----------|------|--------|---|--------|
| 3.4.1.6 | -INF | -8.000 | . | . |
| 3.4.1.7 | -INF | -7.000 | . | . |
| 3.4.1.8 | -INF | -6.000 | . | . |
| 3.4.1.9 | -INF | -5.000 | . | . |
| 3.4.1.10 | -INF | -4.000 | . | . |
| 3.4.1.11 | -INF | -3.000 | . | . |
| 3.4.1.12 | -INF | -2.000 | . | . |
| 3.4.1.13 | -INF | -1.000 | . | . |
| 3.4.1.14 | -INF | . | . | . |
| 3.4.1.15 | -INF | . | . | EPS |
| 3.4.1.16 | -INF | . | . | EPS |
| 3.4.1.17 | -INF | . | . | EPS |
| 3.4.1.18 | -INF | . | . | EPS |
| 3.4.1.19 | -INF | . | . | EPS |
| 3.4.1.20 | -INF | -9.000 | . | . |
| 3.4.1.21 | -INF | -8.000 | . | . |
| 3.4.1.22 | -INF | -7.000 | . | . |
| 3.4.1.23 | -INF | -6.000 | . | . |
| 3.4.1.24 | -INF | -5.000 | . | . |
| 3.4.1.25 | -INF | -4.000 | . | . |
| 3.4.1.26 | -INF | -3.000 | . | . |
| 3.4.1.27 | -INF | . | . | EPS |
| 3.4.1.28 | -INF | -1.000 | . | . |
| 3.4.1.29 | -INF | . | . | -0.851 |
| 3.4.1.30 | -INF | . | . | -0.365 |

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|----------|------|---------|---|--------|
| 3.4.1.31 | -INF | . | . | -0.353 |
| 3.4.1.32 | -INF | . | . | -0.338 |
| 3.4.1.33 | -INF | . | . | -0.322 |
| 3.4.1.34 | -INF | . | . | -0.305 |
| 3.4.1.35 | -INF | . | . | -0.286 |
| 3.4.1.36 | -INF | . | . | -0.267 |
| 3.4.1.37 | -INF | . | . | -0.247 |
| 3.4.1.38 | -INF | . | . | -0.228 |
| 3.4.1.39 | -INF | . | . | -0.249 |
| 3.4.1.40 | -INF | . | . | -0.226 |
| 3.4.1.41 | -INF | . | . | -0.204 |
| 3.4.1.42 | -INF | . | . | -0.182 |
| 3.4.1.43 | -INF | . | . | EPS |
| 3.4.1.44 | -INF | . | . | -0.143 |
| 3.4.1.45 | -INF | . | . | -0.129 |
| 3.4.1.46 | -INF | . | . | -0.112 |
| 3.4.1.47 | -INF | . | . | EPS |
| 3.4.1.48 | -INF | . | . | -0.083 |
| 3.4.1.49 | -INF | . | . | EPS |
| 3.4.1.50 | -INF | . | . | -0.058 |
| 3.4.2.1 | -INF | -13.000 | . | . |
| 3.4.2.2 | -INF | -12.000 | . | . |
| 3.4.2.3 | -INF | -11.000 | . | . |
| 3.4.2.4 | -INF | -10.000 | . | . |
| 3.4.2.5 | -INF | -9.000 | . | . |

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|----------|------|--------|---|--------|
| 3.4.2.6 | -INF | -8.000 | . | . |
| 3.4.2.7 | -INF | -7.000 | . | . |
| 3.4.2.8 | -INF | -6.000 | . | . |
| 3.4.2.9 | -INF | -5.000 | . | . |
| 3.4.2.10 | -INF | -4.000 | . | . |
| 3.4.2.11 | -INF | -3.000 | . | . |
| 3.4.2.12 | -INF | -2.000 | . | . |
| 3.4.2.13 | -INF | -1.000 | . | . |
| 3.4.2.14 | -INF | . | . | . |
| 3.4.2.15 | -INF | . | . | EPS |
| 3.4.2.16 | -INF | . | . | EPS |
| 3.4.2.17 | -INF | . | . | EPS |
| 3.4.2.18 | -INF | . | . | EPS |
| 3.4.2.19 | -INF | . | . | EPS |
| 3.4.2.20 | -INF | . | . | EPS |
| 3.4.2.21 | -INF | -8.000 | . | . |
| 3.4.2.22 | -INF | -7.000 | . | . |
| 3.4.2.23 | -INF | -6.000 | . | . |
| 3.4.2.24 | -INF | -5.000 | . | . |
| 3.4.2.25 | -INF | -4.000 | . | . |
| 3.4.2.26 | -INF | -3.000 | . | . |
| 3.4.2.27 | -INF | -2.000 | . | . |
| 3.4.2.28 | -INF | -1.000 | . | . |
| 3.4.2.29 | -INF | . | . | . |
| 3.4.2.30 | -INF | . | . | -0.249 |

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|----------|------|---|---|--------|
| 3.4.2.31 | -INF | . | . | -0.241 |
| 3.4.2.32 | -INF | . | . | -0.231 |
| 3.4.2.33 | -INF | . | . | -0.220 |
| 3.4.2.34 | -INF | . | . | -0.208 |
| 3.4.2.35 | -INF | . | . | -0.195 |
| 3.4.2.36 | -INF | . | . | -0.182 |
| 3.4.2.37 | -INF | . | . | -0.169 |
| 3.4.2.38 | -INF | . | . | -0.155 |
| 3.4.2.39 | -INF | . | . | -0.160 |
| 3.4.2.40 | -INF | . | . | -0.145 |
| 3.4.2.41 | -INF | . | . | -0.130 |
| 3.4.2.42 | -INF | . | . | -0.117 |
| 3.4.2.43 | -INF | . | . | EPS |
| 3.4.2.44 | -INF | . | . | -0.092 |
| 3.4.2.45 | -INF | . | . | EPS |
| 3.4.2.46 | -INF | . | . | -0.070 |
| 3.4.2.47 | -INF | . | . | EPS |
| 3.4.2.48 | -INF | . | . | -0.052 |
| 3.4.2.49 | -INF | . | . | EPS |
| 3.4.2.50 | -INF | . | . | -0.037 |

--- EQU Q_CON constraint for controlling the VM demand

LOWER LEVEL UPPER MARGINAL

| | | | | |
|--------|--------|--------|------|-------|
| 1.1.1 | 1.000 | 1.000 | +INF | 0.013 |
| 1.1.2 | 2.000 | 2.000 | +INF | 0.016 |
| 1.1.3 | 3.000 | 3.000 | +INF | 0.019 |
| 1.1.4 | 4.000 | 4.000 | +INF | 0.022 |
| 1.1.5 | 5.000 | 5.000 | +INF | 0.025 |
| 1.1.6 | 6.000 | 6.000 | +INF | 0.029 |
| 1.1.7 | 7.000 | 7.000 | +INF | 0.033 |
| 1.1.8 | 8.000 | 8.000 | +INF | 0.037 |
| 1.1.9 | 9.000 | 9.000 | +INF | 0.042 |
| 1.1.10 | 10.000 | 10.000 | +INF | 0.047 |
| 1.1.11 | 11.000 | 11.000 | +INF | 0.052 |
| 1.1.12 | 12.000 | 12.000 | +INF | 0.057 |
| 1.1.13 | 13.000 | 13.000 | +INF | 0.063 |
| 1.1.14 | 14.000 | 14.000 | +INF | 0.068 |
| 1.1.15 | 15.000 | 15.000 | +INF | 0.073 |
| 1.1.16 | 16.000 | 16.000 | +INF | 0.079 |
| 1.1.17 | 17.000 | 17.000 | +INF | 0.084 |
| 1.1.18 | 18.000 | 18.000 | +INF | 0.088 |
| 1.1.19 | 19.000 | 19.000 | +INF | 0.093 |
| 1.1.20 | 20.000 | 20.000 | +INF | 0.097 |
| 1.1.21 | 21.000 | 21.000 | +INF | 0.100 |
| 1.1.22 | 22.000 | 22.000 | +INF | 0.103 |
| 1.1.23 | 23.000 | 23.000 | +INF | 0.105 |
| 1.1.24 | 24.000 | 24.000 | +INF | 0.107 |
| 1.1.25 | 25.000 | 25.000 | +INF | 0.107 |

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|--------|--------|--------|------|-------|
| 1.1.26 | 26.000 | 26.000 | +INF | 0.107 |
| 1.1.27 | 27.000 | 27.000 | +INF | 0.107 |
| 1.1.28 | 28.000 | 28.000 | +INF | 0.105 |
| 1.1.29 | 29.000 | 29.000 | +INF | 0.149 |
| 1.1.30 | 30.000 | 30.000 | +INF | 0.438 |
| 1.1.31 | 31.000 | 31.000 | +INF | 0.423 |
| 1.1.32 | 32.000 | 32.000 | +INF | 0.406 |
| 1.1.33 | 33.000 | 33.000 | +INF | 0.387 |
| 1.1.34 | 34.000 | 34.000 | +INF | 0.366 |
| 1.1.35 | 35.000 | 35.000 | +INF | 0.344 |
| 1.1.36 | 36.000 | 36.000 | +INF | 0.321 |
| 1.1.37 | 37.000 | 37.000 | +INF | 0.297 |
| 1.1.38 | 38.000 | 38.000 | +INF | 0.273 |
| 1.1.39 | 39.000 | 39.000 | +INF | 0.270 |
| 1.1.40 | 40.000 | 40.000 | +INF | 0.245 |
| 1.1.41 | 41.000 | 41.000 | +INF | 0.221 |
| 1.1.42 | 42.000 | 42.000 | +INF | 0.198 |
| 1.1.43 | 43.000 | 43.000 | +INF | 0.162 |
| 1.1.44 | 44.000 | 44.000 | +INF | 0.155 |
| 1.1.45 | 45.000 | 45.000 | +INF | 0.138 |
| 1.1.46 | 46.000 | 46.000 | +INF | 0.118 |
| 1.1.47 | 47.000 | 47.000 | +INF | 0.094 |
| 1.1.48 | 48.000 | 48.000 | +INF | 0.088 |
| 1.1.49 | 49.000 | 49.000 | +INF | 0.069 |
| 1.1.50 | 50.000 | 50.000 | +INF | 0.063 |

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|--------|--------|--------|------|-------|
| 1.2.1 | 1.000 | 1.000 | +INF | 0.006 |
| 1.2.2 | 2.000 | 2.000 | +INF | 0.007 |
| 1.2.3 | 3.000 | 3.000 | +INF | 0.008 |
| 1.2.4 | 4.000 | 4.000 | +INF | 0.009 |
| 1.2.5 | 5.000 | 5.000 | +INF | 0.011 |
| 1.2.6 | 6.000 | 6.000 | +INF | 0.012 |
| 1.2.7 | 7.000 | 7.000 | +INF | 0.014 |
| 1.2.8 | 8.000 | 8.000 | +INF | 0.016 |
| 1.2.9 | 9.000 | 9.000 | +INF | 0.018 |
| 1.2.10 | 10.000 | 10.000 | +INF | 0.020 |
| 1.2.11 | 11.000 | 11.000 | +INF | 0.022 |
| 1.2.12 | 12.000 | 12.000 | +INF | 0.024 |
| 1.2.13 | 13.000 | 13.000 | +INF | 0.027 |
| 1.2.14 | 14.000 | 14.000 | +INF | 0.029 |
| 1.2.15 | 15.000 | 15.000 | +INF | 0.031 |
| 1.2.16 | 16.000 | 16.000 | +INF | 0.034 |
| 1.2.17 | 17.000 | 17.000 | +INF | 0.036 |
| 1.2.18 | 18.000 | 18.000 | +INF | 0.038 |
| 1.2.19 | 19.000 | 19.000 | +INF | 0.040 |
| 1.2.20 | 20.000 | 20.000 | +INF | 0.041 |
| 1.2.21 | 21.000 | 21.000 | +INF | 0.043 |
| 1.2.22 | 22.000 | 22.000 | +INF | 0.044 |
| 1.2.23 | 23.000 | 23.000 | +INF | 0.045 |
| 1.2.24 | 24.000 | 24.000 | +INF | 0.046 |
| 1.2.25 | 25.000 | 25.000 | +INF | 0.046 |

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|--------|--------|--------|------|-------|
| 1.2.26 | 26.000 | 26.000 | +INF | 0.046 |
| 1.2.27 | 27.000 | 27.000 | +INF | 0.046 |
| 1.2.28 | 28.000 | 28.000 | +INF | 0.045 |
| 1.2.29 | 29.000 | 29.000 | +INF | 0.348 |
| 1.2.30 | 30.000 | 30.000 | +INF | 0.234 |
| 1.2.31 | 31.000 | 31.000 | +INF | 0.226 |
| 1.2.32 | 32.000 | 32.000 | +INF | 0.217 |
| 1.2.33 | 33.000 | 33.000 | +INF | 0.207 |
| 1.2.34 | 34.000 | 34.000 | +INF | 0.195 |
| 1.2.35 | 35.000 | 35.000 | +INF | 0.184 |
| 1.2.36 | 36.000 | 36.000 | +INF | 0.171 |
| 1.2.37 | 37.000 | 37.000 | +INF | 0.159 |
| 1.2.38 | 38.000 | 38.000 | +INF | 0.146 |
| 1.2.39 | 39.000 | 39.000 | +INF | 0.142 |
| 1.2.40 | 40.000 | 40.000 | +INF | 0.129 |
| 1.2.41 | 41.000 | 41.000 | +INF | 0.116 |
| 1.2.42 | 42.000 | 42.000 | +INF | 0.104 |
| 1.2.43 | 43.000 | 43.000 | +INF | 0.087 |
| 1.2.44 | 44.000 | 44.000 | +INF | 0.082 |
| 1.2.45 | 45.000 | 45.000 | +INF | 0.067 |
| 1.2.46 | 46.000 | 46.000 | +INF | 0.062 |
| 1.2.47 | 47.000 | 47.000 | +INF | 0.050 |
| 1.2.48 | 48.000 | 48.000 | +INF | 0.046 |
| 1.2.49 | 49.000 | 49.000 | +INF | 0.037 |
| 1.2.50 | 50.000 | 50.000 | +INF | 0.033 |

| | | | | |
|--------|--------|--------|------|-------|
| 2.1.1 | 1.000 | 1.000 | +INF | 0.013 |
| 2.1.2 | 2.000 | 2.000 | +INF | 0.015 |
| 2.1.3 | 3.000 | 3.000 | +INF | 0.018 |
| 2.1.4 | 4.000 | 4.000 | +INF | 0.020 |
| 2.1.5 | 5.000 | 5.000 | +INF | 0.024 |
| 2.1.6 | 6.000 | 6.000 | +INF | 0.027 |
| 2.1.7 | 7.000 | 7.000 | +INF | 0.031 |
| 2.1.8 | 8.000 | 8.000 | +INF | 0.035 |
| 2.1.9 | 9.000 | 9.000 | +INF | 0.039 |
| 2.1.10 | 10.000 | 10.000 | +INF | 0.044 |
| 2.1.11 | 11.000 | 11.000 | +INF | 0.049 |
| 2.1.12 | 12.000 | 12.000 | +INF | 0.054 |
| 2.1.13 | 13.000 | 13.000 | +INF | 0.059 |
| 2.1.14 | 14.000 | 14.000 | +INF | 0.064 |
| 2.1.15 | 15.000 | 15.000 | +INF | 0.069 |
| 2.1.16 | 16.000 | 16.000 | +INF | 0.074 |
| 2.1.17 | 17.000 | 17.000 | +INF | 0.079 |
| 2.1.18 | 18.000 | 18.000 | +INF | 0.084 |
| 2.1.19 | 19.000 | 19.000 | +INF | 0.088 |
| 2.1.20 | 20.000 | 20.000 | +INF | 0.091 |
| 2.1.21 | 21.000 | 21.000 | +INF | 0.095 |
| 2.1.22 | 22.000 | 22.000 | +INF | 0.097 |
| 2.1.23 | 23.000 | 23.000 | +INF | 0.099 |
| 2.1.24 | 24.000 | 24.000 | +INF | 0.101 |
| 2.1.25 | 25.000 | 25.000 | +INF | 0.101 |

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|--------|--------|--------|------|-------|
| 2.1.26 | 26.000 | 26.000 | +INF | 0.101 |
| 2.1.27 | 27.000 | 27.000 | +INF | 0.101 |
| 2.1.28 | 28.000 | 28.000 | +INF | 0.099 |
| 2.1.29 | 29.000 | 29.000 | +INF | 0.097 |
| 2.1.30 | 30.000 | 30.000 | +INF | 0.095 |
| 2.1.31 | 31.000 | 31.000 | +INF | 0.311 |
| 2.1.32 | 32.000 | 32.000 | +INF | 0.298 |
| 2.1.33 | 33.000 | 33.000 | +INF | 0.284 |
| 2.1.34 | 34.000 | 34.000 | +INF | 0.269 |
| 2.1.35 | 35.000 | 35.000 | +INF | 0.253 |
| 2.1.36 | 36.000 | 36.000 | +INF | 0.236 |
| 2.1.37 | 37.000 | 37.000 | +INF | 0.218 |
| 2.1.38 | 38.000 | 38.000 | +INF | 0.201 |
| 2.1.39 | 39.000 | 39.000 | +INF | 0.214 |
| 2.1.40 | 40.000 | 40.000 | +INF | 0.195 |
| 2.1.41 | 41.000 | 41.000 | +INF | 0.175 |
| 2.1.42 | 42.000 | 42.000 | +INF | 0.157 |
| 2.1.43 | 43.000 | 43.000 | +INF | 0.139 |
| 2.1.44 | 44.000 | 44.000 | +INF | 0.123 |
| 2.1.45 | 45.000 | 45.000 | +INF | 0.108 |
| 2.1.46 | 46.000 | 46.000 | +INF | 0.094 |
| 2.1.47 | 47.000 | 47.000 | +INF | 0.081 |
| 2.1.48 | 48.000 | 48.000 | +INF | 0.070 |
| 2.1.49 | 49.000 | 49.000 | +INF | 0.059 |
| 2.1.50 | 50.000 | 50.000 | +INF | 0.050 |

| | | | | |
|--------|--------|--------|------|-------|
| 2.2.1 | 1.000 | 1.000 | +INF | 0.005 |
| 2.2.2 | 2.000 | 2.000 | +INF | 0.006 |
| 2.2.3 | 3.000 | 3.000 | +INF | 0.008 |
| 2.2.4 | 4.000 | 4.000 | +INF | 0.009 |
| 2.2.5 | 5.000 | 5.000 | +INF | 0.010 |
| 2.2.6 | 6.000 | 6.000 | +INF | 0.012 |
| 2.2.7 | 7.000 | 7.000 | +INF | 0.013 |
| 2.2.8 | 8.000 | 8.000 | +INF | 0.015 |
| 2.2.9 | 9.000 | 9.000 | +INF | 0.017 |
| 2.2.10 | 10.000 | 10.000 | +INF | 0.019 |
| 2.2.11 | 11.000 | 11.000 | +INF | 0.021 |
| 2.2.12 | 12.000 | 12.000 | +INF | 0.023 |
| 2.2.13 | 13.000 | 13.000 | +INF | 0.025 |
| 2.2.14 | 14.000 | 14.000 | +INF | 0.027 |
| 2.2.15 | 15.000 | 15.000 | +INF | 0.030 |
| 2.2.16 | 16.000 | 16.000 | +INF | 0.032 |
| 2.2.17 | 17.000 | 17.000 | +INF | 0.034 |
| 2.2.18 | 18.000 | 18.000 | +INF | 0.036 |
| 2.2.19 | 19.000 | 19.000 | +INF | 0.038 |
| 2.2.20 | 20.000 | 20.000 | +INF | 0.039 |
| 2.2.21 | 21.000 | 21.000 | +INF | 0.041 |
| 2.2.22 | 22.000 | 22.000 | +INF | 0.042 |
| 2.2.23 | 23.000 | 23.000 | +INF | 0.043 |
| 2.2.24 | 24.000 | 24.000 | +INF | 0.043 |
| 2.2.25 | 25.000 | 25.000 | +INF | 0.043 |

| | | | | |
|--------|--------|--------|------|-------|
| 2.2.26 | 26.000 | 26.000 | +INF | 0.043 |
| 2.2.27 | 27.000 | 27.000 | +INF | 0.043 |
| 2.2.28 | 28.000 | 28.000 | +INF | 0.302 |
| 2.2.29 | 29.000 | 29.000 | +INF | 0.042 |
| 2.2.30 | 30.000 | 30.000 | +INF | 0.208 |
| 2.2.31 | 31.000 | 31.000 | +INF | 0.201 |
| 2.2.32 | 32.000 | 32.000 | +INF | 0.192 |
| 2.2.33 | 33.000 | 33.000 | +INF | 0.183 |
| 2.2.34 | 34.000 | 34.000 | +INF | 0.173 |
| 2.2.35 | 35.000 | 35.000 | +INF | 0.163 |
| 2.2.36 | 36.000 | 36.000 | +INF | 0.152 |
| 2.2.37 | 37.000 | 37.000 | +INF | 0.141 |
| 2.2.38 | 38.000 | 38.000 | +INF | 0.129 |
| 2.2.39 | 39.000 | 39.000 | +INF | 0.131 |
| 2.2.40 | 40.000 | 40.000 | +INF | 0.119 |
| 2.2.41 | 41.000 | 41.000 | +INF | 0.107 |
| 2.2.42 | 42.000 | 42.000 | +INF | 0.096 |
| 2.2.43 | 43.000 | 43.000 | +INF | 0.085 |
| 2.2.44 | 44.000 | 44.000 | +INF | 0.075 |
| 2.2.45 | 45.000 | 45.000 | +INF | 0.066 |
| 2.2.46 | 46.000 | 46.000 | +INF | 0.058 |
| 2.2.47 | 47.000 | 47.000 | +INF | 0.050 |
| 2.2.48 | 48.000 | 48.000 | +INF | 0.043 |
| 2.2.49 | 49.000 | 49.000 | +INF | 0.036 |
| 2.2.50 | 50.000 | 50.000 | +INF | 0.031 |

| | | | | |
|--------|--------|--------|------|-------|
| 3.1.1 | 1.000 | 1.000 | +INF | 0.019 |
| 3.1.2 | 2.000 | 2.000 | +INF | 0.022 |
| 3.1.3 | 3.000 | 3.000 | +INF | 0.026 |
| 3.1.4 | 4.000 | 4.000 | +INF | 0.030 |
| 3.1.5 | 5.000 | 5.000 | +INF | 0.035 |
| 3.1.6 | 6.000 | 6.000 | +INF | 0.040 |
| 3.1.7 | 7.000 | 7.000 | +INF | 0.046 |
| 3.1.8 | 8.000 | 8.000 | +INF | 0.052 |
| 3.1.9 | 9.000 | 9.000 | +INF | 0.058 |
| 3.1.10 | 10.000 | 10.000 | +INF | 0.065 |
| 3.1.11 | 11.000 | 11.000 | +INF | 0.072 |
| 3.1.12 | 12.000 | 12.000 | +INF | 0.080 |
| 3.1.13 | 13.000 | 13.000 | +INF | 0.087 |
| 3.1.14 | 14.000 | 14.000 | +INF | 0.095 |
| 3.1.15 | 15.000 | 15.000 | +INF | 0.102 |
| 3.1.16 | 16.000 | 16.000 | +INF | 0.110 |
| 3.1.17 | 17.000 | 17.000 | +INF | 0.117 |
| 3.1.18 | 18.000 | 18.000 | +INF | 0.123 |
| 3.1.19 | 19.000 | 19.000 | +INF | 0.129 |
| 3.1.20 | 20.000 | 20.000 | +INF | 0.135 |
| 3.1.21 | 21.000 | 21.000 | +INF | 0.140 |
| 3.1.22 | 22.000 | 22.000 | +INF | 0.144 |
| 3.1.23 | 23.000 | 23.000 | +INF | 0.147 |
| 3.1.24 | 24.000 | 24.000 | +INF | 0.149 |
| 3.1.25 | 25.000 | 25.000 | +INF | 0.150 |

| | | | | |
|--------|--------|--------|------|-------|
| 3.1.26 | 26.000 | 26.000 | +INF | 0.150 |
| 3.1.27 | 27.000 | 27.000 | +INF | 0.149 |
| 3.1.28 | 28.000 | 28.000 | +INF | 0.147 |
| 3.1.29 | 29.000 | 29.000 | +INF | 0.994 |
| 3.1.30 | 30.000 | 30.000 | +INF | 0.505 |
| 3.1.31 | 31.000 | 31.000 | +INF | 0.487 |
| 3.1.32 | 32.000 | 32.000 | +INF | 0.468 |
| 3.1.33 | 33.000 | 33.000 | +INF | 0.445 |
| 3.1.34 | 34.000 | 34.000 | +INF | 0.421 |
| 3.1.35 | 35.000 | 35.000 | +INF | 0.396 |
| 3.1.36 | 36.000 | 36.000 | +INF | 0.369 |
| 3.1.37 | 37.000 | 37.000 | +INF | 0.342 |
| 3.1.38 | 38.000 | 38.000 | +INF | 0.315 |
| 3.1.39 | 39.000 | 39.000 | +INF | 0.329 |
| 3.1.40 | 40.000 | 40.000 | +INF | 0.298 |
| 3.1.41 | 41.000 | 41.000 | +INF | 0.269 |
| 3.1.42 | 42.000 | 42.000 | +INF | 0.240 |
| 3.1.43 | 43.000 | 43.000 | +INF | 0.052 |
| 3.1.44 | 44.000 | 44.000 | +INF | 0.189 |
| 3.1.45 | 45.000 | 45.000 | +INF | 0.169 |
| 3.1.46 | 46.000 | 46.000 | +INF | 0.147 |
| 3.1.47 | 47.000 | 47.000 | +INF | 0.030 |
| 3.1.48 | 48.000 | 48.000 | +INF | 0.109 |
| 3.1.49 | 49.000 | 49.000 | +INF | 0.022 |
| 3.1.50 | 50.000 | 50.000 | +INF | 0.077 |

| | | | | |
|--------|--------|--------|------|-------|
| 3.2.1 | 1.000 | 1.000 | +INF | 0.008 |
| 3.2.2 | 2.000 | 2.000 | +INF | 0.009 |
| 3.2.3 | 3.000 | 3.000 | +INF | 0.011 |
| 3.2.4 | 4.000 | 4.000 | +INF | 0.013 |
| 3.2.5 | 5.000 | 5.000 | +INF | 0.015 |
| 3.2.6 | 6.000 | 6.000 | +INF | 0.017 |
| 3.2.7 | 7.000 | 7.000 | +INF | 0.020 |
| 3.2.8 | 8.000 | 8.000 | +INF | 0.022 |
| 3.2.9 | 9.000 | 9.000 | +INF | 0.025 |
| 3.2.10 | 10.000 | 10.000 | +INF | 0.028 |
| 3.2.11 | 11.000 | 11.000 | +INF | 0.031 |
| 3.2.12 | 12.000 | 12.000 | +INF | 0.034 |
| 3.2.13 | 13.000 | 13.000 | +INF | 0.037 |
| 3.2.14 | 14.000 | 14.000 | +INF | 0.041 |
| 3.2.15 | 15.000 | 15.000 | +INF | 0.044 |
| 3.2.16 | 16.000 | 16.000 | +INF | 0.047 |
| 3.2.17 | 17.000 | 17.000 | +INF | 0.050 |
| 3.2.18 | 18.000 | 18.000 | +INF | 0.053 |
| 3.2.19 | 19.000 | 19.000 | +INF | 0.055 |
| 3.2.20 | 20.000 | 20.000 | +INF | 0.058 |
| 3.2.21 | 21.000 | 21.000 | +INF | 0.060 |
| 3.2.22 | 22.000 | 22.000 | +INF | 0.062 |
| 3.2.23 | 23.000 | 23.000 | +INF | 0.063 |
| 3.2.24 | 24.000 | 24.000 | +INF | 0.064 |
| 3.2.25 | 25.000 | 25.000 | +INF | 0.064 |

| | | | | |
|--------|--------|--------|------|-------|
| 3.2.26 | 26.000 | 26.000 | +INF | 0.064 |
| 3.2.27 | 27.000 | 27.000 | +INF | 0.064 |
| 3.2.28 | 28.000 | 28.000 | +INF | 0.063 |
| 3.2.29 | 29.000 | 29.000 | +INF | 0.062 |
| 3.2.30 | 30.000 | 30.000 | +INF | 0.309 |
| 3.2.31 | 31.000 | 31.000 | +INF | 0.298 |
| 3.2.32 | 32.000 | 32.000 | +INF | 0.286 |
| 3.2.33 | 33.000 | 33.000 | +INF | 0.273 |
| 3.2.34 | 34.000 | 34.000 | +INF | 0.258 |
| 3.2.35 | 35.000 | 35.000 | +INF | 0.242 |
| 3.2.36 | 36.000 | 36.000 | +INF | 0.226 |
| 3.2.37 | 37.000 | 37.000 | +INF | 0.209 |
| 3.2.38 | 38.000 | 38.000 | +INF | 0.193 |
| 3.2.39 | 39.000 | 39.000 | +INF | 0.194 |
| 3.2.40 | 40.000 | 40.000 | +INF | 0.176 |
| 3.2.41 | 41.000 | 41.000 | +INF | 0.158 |
| 3.2.42 | 42.000 | 42.000 | +INF | 0.142 |
| 3.2.43 | 43.000 | 43.000 | +INF | 0.022 |
| 3.2.44 | 44.000 | 44.000 | +INF | 0.111 |
| 3.2.45 | 45.000 | 45.000 | +INF | 0.017 |
| 3.2.46 | 46.000 | 46.000 | +INF | 0.085 |
| 3.2.47 | 47.000 | 47.000 | +INF | 0.013 |
| 3.2.48 | 48.000 | 48.000 | +INF | 0.063 |
| 3.2.49 | 49.000 | 49.000 | +INF | 0.009 |
| 3.2.50 | 50.000 | 50.000 | +INF | 0.045 |

---- EQU DT_CON CPU-time constraint

| | LOWER | LEVEL | UPPER | MARGINAL |
|--------|-------|-------|---------|----------|
| 1.1.1 | -INF | . | 480.000 | . |
| 1.1.2 | -INF | . | 480.000 | . |
| 1.1.3 | -INF | . | 480.000 | . |
| 1.1.4 | -INF | . | 480.000 | . |
| 1.1.5 | -INF | . | 480.000 | . |
| 1.1.6 | -INF | . | 480.000 | . |
| 1.1.7 | -INF | . | 480.000 | . |
| 1.1.8 | -INF | . | 480.000 | . |
| 1.1.9 | -INF | . | 480.000 | . |
| 1.1.10 | -INF | . | 480.000 | . |
| 1.1.11 | -INF | . | 480.000 | . |
| 1.1.12 | -INF | . | 480.000 | . |
| 1.1.13 | -INF | . | 480.000 | . |
| 1.1.14 | -INF | . | 480.000 | . |
| 1.1.15 | -INF | . | 480.000 | . |
| 1.1.16 | -INF | . | 480.000 | . |
| 1.1.17 | -INF | . | 480.000 | . |
| 1.1.18 | -INF | . | 480.000 | . |
| 1.1.19 | -INF | . | 480.000 | . |
| 1.1.20 | -INF | . | 480.000 | . |

| | | | | |
|--------|------|---------|---------|-----------|
| 1.1.21 | -INF | . | 480.000 | . |
| 1.1.22 | -INF | . | 480.000 | . |
| 1.1.23 | -INF | . | 480.000 | . |
| 1.1.24 | -INF | . | 480.000 | . |
| 1.1.25 | -INF | . | 480.000 | . |
| 1.1.26 | -INF | . | 480.000 | . |
| 1.1.27 | -INF | . | 480.000 | . |
| 1.1.28 | -INF | . | 480.000 | . |
| 1.1.29 | -INF | . | 480.000 | . |
| 1.1.30 | -INF | 36.000 | 480.000 | . |
| 1.1.31 | -INF | 90.000 | 480.000 | . |
| 1.1.32 | -INF | 144.000 | 480.000 | . |
| 1.1.33 | -INF | 198.000 | 480.000 | . |
| 1.1.34 | -INF | 252.000 | 480.000 | . |
| 1.1.35 | -INF | 306.000 | 480.000 | . |
| 1.1.36 | -INF | 360.000 | 480.000 | . |
| 1.1.37 | -INF | 414.000 | 480.000 | . |
| 1.1.38 | -INF | 468.000 | 480.000 | . |
| 1.1.39 | -INF | 480.000 | 480.000 | -0.002 |
| 1.1.40 | -INF | 480.000 | 480.000 | -0.002 |
| 1.1.41 | -INF | 480.000 | 480.000 | -0.001 |
| 1.1.42 | -INF | 480.000 | 480.000 | -0.001 |
| 1.1.43 | -INF | 480.000 | 480.000 | . |
| 1.1.44 | -INF | 480.000 | 480.000 | -9.820E-4 |
| 1.1.45 | -INF | 480.000 | 480.000 | -0.001 |

1.1.46 -INF 480.000 480.000 -7.490E-4
1.1.47 -INF 480.000 480.000 .
1.1.48 -INF 480.000 480.000 -5.557E-4
1.1.49 -INF 480.000 480.000 .
1.1.50 -INF 480.000 480.000 -4.009E-4
1.2.1 -INF . 480.000 .
1.2.2 -INF . 480.000 .
1.2.3 -INF . 480.000 .
1.2.4 -INF . 480.000 .
1.2.5 -INF . 480.000 .
1.2.6 -INF . 480.000 .
1.2.7 -INF . 480.000 .
1.2.8 -INF . 480.000 .
1.2.9 -INF . 480.000 .
1.2.10 -INF . 480.000 .
1.2.11 -INF . 480.000 .
1.2.12 -INF . 480.000 .
1.2.13 -INF . 480.000 .
1.2.14 -INF . 480.000 .
1.2.15 -INF . 480.000 .
1.2.16 -INF . 480.000 .
1.2.17 -INF . 480.000 .
1.2.18 -INF . 480.000 .
1.2.19 -INF . 480.000 .
1.2.20 -INF . 480.000 .

1.2.21 -INF . 480.000 .
1.2.22 -INF . 480.000 .
1.2.23 -INF . 480.000 .
1.2.24 -INF . 480.000 .
1.2.25 -INF . 480.000 .
1.2.26 -INF . 480.000 .
1.2.27 -INF . 480.000 .
1.2.28 -INF . 480.000 .
1.2.29 -INF . 480.000 .
1.2.30 -INF 36.000 480.000 .
1.2.31 -INF 90.000 480.000 .
1.2.32 -INF 144.000 480.000 .
1.2.33 -INF 198.000 480.000 .
1.2.34 -INF 252.000 480.000 .
1.2.35 -INF 306.000 480.000 .
1.2.36 -INF 360.000 480.000 .
1.2.37 -INF 414.000 480.000 .
1.2.38 -INF 468.000 480.000 .
1.2.39 -INF 480.000 480.000 -7.335E-4
1.2.40 -INF 480.000 480.000 -6.656E-4
1.2.41 -INF 480.000 480.000 -5.997E-4
1.2.42 -INF 480.000 480.000 -5.367E-4
1.2.43 -INF 480.000 480.000 .
1.2.44 -INF 480.000 480.000 -4.209E-4
1.2.45 -INF 480.000 480.000 .

1.2.46 -INF 480.000 480.000 -3.210E-4
1.2.47 -INF 480.000 480.000 .
1.2.48 -INF 480.000 480.000 -2.381E-4
1.2.49 -INF 480.000 480.000 .
1.2.50 -INF 480.000 480.000 -1.718E-4
2.1.1 -INF . 480.000 .
2.1.2 -INF . 480.000 .
2.1.3 -INF . 480.000 .
2.1.4 -INF . 480.000 .
2.1.5 -INF . 480.000 .
2.1.6 -INF . 480.000 .
2.1.7 -INF . 480.000 .
2.1.8 -INF . 480.000 .
2.1.9 -INF . 480.000 .
2.1.10 -INF . 480.000 .
2.1.11 -INF . 480.000 .
2.1.12 -INF . 480.000 .
2.1.13 -INF . 480.000 .
2.1.14 -INF . 480.000 .
2.1.15 -INF . 480.000 .
2.1.16 -INF . 480.000 .
2.1.17 -INF . 480.000 .
2.1.18 -INF . 480.000 .
2.1.19 -INF . 480.000 .
2.1.20 -INF . 480.000 .

| | | | | |
|--------|------|---------|---------|---|
| 2.1.21 | -INF | . | 480.000 | . |
| 2.1.22 | -INF | . | 480.000 | . |
| 2.1.23 | -INF | . | 480.000 | . |
| 2.1.24 | -INF | . | 480.000 | . |
| 2.1.25 | -INF | . | 480.000 | . |
| 2.1.26 | -INF | . | 480.000 | . |
| 2.1.27 | -INF | . | 480.000 | . |
| 2.1.28 | -INF | . | 480.000 | . |
| 2.1.29 | -INF | . | 480.000 | . |
| 2.1.30 | -INF | . | 480.000 | . |
| 2.1.31 | -INF | . | 480.000 | . |
| 2.1.32 | -INF | . | 480.000 | . |
| 2.1.33 | -INF | . | 480.000 | . |
| 2.1.34 | -INF | . | 480.000 | . |
| 2.1.35 | -INF | . | 480.000 | . |
| 2.1.36 | -INF | . | 480.000 | . |
| 2.1.37 | -INF | . | 480.000 | . |
| 2.1.38 | -INF | . | 480.000 | . |
| 2.1.39 | -INF | . | 480.000 | . |
| 2.1.40 | -INF | . | 480.000 | . |
| 2.1.41 | -INF | . | 480.000 | . |
| 2.1.42 | -INF | 180.000 | 480.000 | . |
| 2.1.43 | -INF | 234.000 | 480.000 | . |
| 2.1.44 | -INF | 216.000 | 480.000 | . |
| 2.1.45 | -INF | 366.000 | 480.000 | . |

| | | | | |
|--------|------|---------|---------|---|
| 2.1.46 | -INF | 420.000 | 480.000 | . |
| 2.1.47 | -INF | 306.000 | 480.000 | . |
| 2.1.48 | -INF | 480.000 | 480.000 | . |
| 2.1.49 | -INF | 474.000 | 480.000 | . |
| 2.1.50 | -INF | 474.000 | 480.000 | . |
| 2.2.1 | -INF | . | 480.000 | . |
| 2.2.2 | -INF | . | 480.000 | . |
| 2.2.3 | -INF | . | 480.000 | . |
| 2.2.4 | -INF | . | 480.000 | . |
| 2.2.5 | -INF | . | 480.000 | . |
| 2.2.6 | -INF | . | 480.000 | . |
| 2.2.7 | -INF | . | 480.000 | . |
| 2.2.8 | -INF | . | 480.000 | . |
| 2.2.9 | -INF | . | 480.000 | . |
| 2.2.10 | -INF | . | 480.000 | . |
| 2.2.11 | -INF | . | 480.000 | . |
| 2.2.12 | -INF | . | 480.000 | . |
| 2.2.13 | -INF | . | 480.000 | . |
| 2.2.14 | -INF | . | 480.000 | . |
| 2.2.15 | -INF | . | 480.000 | . |
| 2.2.16 | -INF | . | 480.000 | . |
| 2.2.17 | -INF | . | 480.000 | . |
| 2.2.18 | -INF | . | 480.000 | . |
| 2.2.19 | -INF | . | 480.000 | . |
| 2.2.20 | -INF | . | 480.000 | . |

| | | | | |
|--------|------|---------|---------|---|
| 2.2.21 | -INF | . | 480.000 | . |
| 2.2.22 | -INF | . | 480.000 | . |
| 2.2.23 | -INF | . | 480.000 | . |
| 2.2.24 | -INF | . | 480.000 | . |
| 2.2.25 | -INF | . | 480.000 | . |
| 2.2.26 | -INF | . | 480.000 | . |
| 2.2.27 | -INF | . | 480.000 | . |
| 2.2.28 | -INF | . | 480.000 | . |
| 2.2.29 | -INF | . | 480.000 | . |
| 2.2.30 | -INF | . | 480.000 | . |
| 2.2.31 | -INF | . | 480.000 | . |
| 2.2.32 | -INF | . | 480.000 | . |
| 2.2.33 | -INF | . | 480.000 | . |
| 2.2.34 | -INF | . | 480.000 | . |
| 2.2.35 | -INF | . | 480.000 | . |
| 2.2.36 | -INF | . | 480.000 | . |
| 2.2.37 | -INF | . | 480.000 | . |
| 2.2.38 | -INF | . | 480.000 | . |
| 2.2.39 | -INF | . | 480.000 | . |
| 2.2.40 | -INF | . | 480.000 | . |
| 2.2.41 | -INF | . | 480.000 | . |
| 2.2.42 | -INF | 180.000 | 480.000 | . |
| 2.2.43 | -INF | 258.000 | 480.000 | . |
| 2.2.44 | -INF | 312.000 | 480.000 | . |
| 2.2.45 | -INF | 96.000 | 480.000 | . |

| | | | | |
|--------|------|---------|----------|---|
| 2.2.46 | -INF | 420.000 | 480.000 | . |
| 2.2.47 | -INF | 474.000 | 480.000 | . |
| 2.2.48 | -INF | 312.000 | 480.000 | . |
| 2.2.49 | -INF | 474.000 | 480.000 | . |
| 2.2.50 | -INF | 474.000 | 480.000 | . |
| 3.1.1 | -INF | . | 1200.000 | . |
| 3.1.2 | -INF | . | 1200.000 | . |
| 3.1.3 | -INF | . | 1200.000 | . |
| 3.1.4 | -INF | . | 1200.000 | . |
| 3.1.5 | -INF | . | 1200.000 | . |
| 3.1.6 | -INF | . | 1200.000 | . |
| 3.1.7 | -INF | . | 1200.000 | . |
| 3.1.8 | -INF | . | 1200.000 | . |
| 3.1.9 | -INF | . | 1200.000 | . |
| 3.1.10 | -INF | . | 1200.000 | . |
| 3.1.11 | -INF | . | 1200.000 | . |
| 3.1.12 | -INF | . | 1200.000 | . |
| 3.1.13 | -INF | . | 1200.000 | . |
| 3.1.14 | -INF | . | 1200.000 | . |
| 3.1.15 | -INF | 24.000 | 1200.000 | . |
| 3.1.16 | -INF | 48.000 | 1200.000 | . |
| 3.1.17 | -INF | 72.000 | 1200.000 | . |
| 3.1.18 | -INF | 96.000 | 1200.000 | . |
| 3.1.19 | -INF | 120.000 | 1200.000 | . |
| 3.1.20 | -INF | 360.000 | 1200.000 | . |

3.1.21 -INF 360.000 1200.000 .
3.1.22 -INF 360.000 1200.000 .
3.1.23 -INF 360.000 1200.000 .
3.1.24 -INF 360.000 1200.000 .
3.1.25 -INF 360.000 1200.000 .
3.1.26 -INF 360.000 1200.000 .
3.1.27 -INF 348.000 1200.000 .
3.1.28 -INF 396.000 1200.000 .
3.1.29 -INF 378.000 1200.000 .
3.1.30 -INF 396.000 1200.000 .
3.1.31 -INF 396.000 1200.000 .
3.1.32 -INF 396.000 1200.000 .
3.1.33 -INF 396.000 1200.000 .
3.1.34 -INF 396.000 1200.000 .
3.1.35 -INF 396.000 1200.000 .
3.1.36 -INF 396.000 1200.000 .
3.1.37 -INF 396.000 1200.000 .
3.1.38 -INF 396.000 1200.000 .
3.1.39 -INF 438.000 1200.000 .
3.1.40 -INF 492.000 1200.000 .
3.1.41 -INF 546.000 1200.000 .
3.1.42 -INF 420.000 1200.000 .
3.1.43 -INF 420.000 1200.000 .
3.1.44 -INF 492.000 1200.000 .
3.1.45 -INF 396.000 1200.000 .

3.1.46 -INF 396.000 1200.000 .
3.1.47 -INF 564.000 1200.000 .
3.1.48 -INF 444.000 1200.000 .
3.1.49 -INF 504.000 1200.000 .
3.1.50 -INF 558.000 1200.000 .
3.2.1 -INF . 1200.000 .
3.2.2 -INF . 1200.000 .
3.2.3 -INF . 1200.000 .
3.2.4 -INF . 1200.000 .
3.2.5 -INF . 1200.000 .
3.2.6 -INF . 1200.000 .
3.2.7 -INF . 1200.000 .
3.2.8 -INF . 1200.000 .
3.2.9 -INF . 1200.000 .
3.2.10 -INF . 1200.000 .
3.2.11 -INF . 1200.000 .
3.2.12 -INF . 1200.000 .
3.2.13 -INF . 1200.000 .
3.2.14 -INF . 1200.000 .
3.2.15 -INF 24.000 1200.000 .
3.2.16 -INF 48.000 1200.000 .
3.2.17 -INF 72.000 1200.000 .
3.2.18 -INF 96.000 1200.000 .
3.2.19 -INF 120.000 1200.000 .
3.2.20 -INF 144.000 1200.000 .

3.2.21 -INF 360.000 1200.000 .
3.2.22 -INF 360.000 1200.000 .
3.2.23 -INF 360.000 1200.000 .
3.2.24 -INF 360.000 1200.000 .
3.2.25 -INF 360.000 1200.000 .
3.2.26 -INF 360.000 1200.000 .
3.2.27 -INF 396.000 1200.000 .
3.2.28 -INF 360.000 1200.000 .
3.2.29 -INF 396.000 1200.000 .
3.2.30 -INF 396.000 1200.000 .
3.2.31 -INF 396.000 1200.000 .
3.2.32 -INF 396.000 1200.000 .
3.2.33 -INF 396.000 1200.000 .
3.2.34 -INF 396.000 1200.000 .
3.2.35 -INF 396.000 1200.000 .
3.2.36 -INF 396.000 1200.000 .
3.2.37 -INF 396.000 1200.000 .
3.2.38 -INF 396.000 1200.000 .
3.2.39 -INF 438.000 1200.000 .
3.2.40 -INF 492.000 1200.000 .
3.2.41 -INF 546.000 1200.000 .
3.2.42 -INF 420.000 1200.000 .
3.2.43 -INF 396.000 1200.000 .
3.2.44 -INF 396.000 1200.000 .
3.2.45 -INF 666.000 1200.000 .

3.2.46 -INF 396.000 1200.000 .
3.2.47 -INF 396.000 1200.000 .
3.2.48 -INF 612.000 1200.000 .
3.2.49 -INF 504.000 1200.000 .
3.2.50 -INF 558.000 1200.000 .
4.1.1 -INF 54.000 1200.000 .
4.1.2 -INF 108.000 1200.000 .
4.1.3 -INF 162.000 1200.000 .
4.1.4 -INF 216.000 1200.000 .
4.1.5 -INF 270.000 1200.000 .
4.1.6 -INF 324.000 1200.000 .
4.1.7 -INF 378.000 1200.000 .
4.1.8 -INF 432.000 1200.000 .
4.1.9 -INF 486.000 1200.000 .
4.1.10 -INF 540.000 1200.000 .
4.1.11 -INF 594.000 1200.000 .
4.1.12 -INF 648.000 1200.000 .
4.1.13 -INF 702.000 1200.000 .
4.1.14 -INF 756.000 1200.000 .
4.1.15 -INF 786.000 1200.000 .
4.1.16 -INF 816.000 1200.000 .
4.1.17 -INF 846.000 1200.000 .
4.1.18 -INF 876.000 1200.000 .
4.1.19 -INF 906.000 1200.000 .
4.1.20 -INF 720.000 1200.000 .

4.1.21 -INF 774.000 1200.000 .
4.1.22 -INF 828.000 1200.000 .
4.1.23 -INF 882.000 1200.000 .
4.1.24 -INF 936.000 1200.000 .
4.1.25 -INF 990.000 1200.000 .
4.1.26 -INF 1044.000 1200.000 .
4.1.27 -INF 1110.000 1200.000 .
4.1.28 -INF 1116.000 1200.000 .
4.1.29 -INF 1188.000 1200.000 .
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4.1.50 -INF 1188.000 1200.000 .
4.2.1 -INF 54.000 1200.000 .
4.2.2 -INF 108.000 1200.000 .
4.2.3 -INF 162.000 1200.000 .
4.2.4 -INF 216.000 1200.000 .
4.2.5 -INF 270.000 1200.000 .
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---- EQU DS_CON storage constraint

LOWER LEVEL UPPER MARGINAL

1.1.1 -INF . 1000.000 .
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---- EQU DN_CON network capacity constraint

LOWER LEVEL UPPER MARGINAL

1.1.1 -INF . 200.000 .
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| 1.1.13 | -INF | . | 200.000 | . |
| 1.1.14 | -INF | . | 200.000 | . |
| 1.1.15 | -INF | . | 200.000 | . |
| 1.1.16 | -INF | . | 200.000 | . |
| 1.1.17 | -INF | . | 200.000 | . |
| 1.1.18 | -INF | . | 200.000 | . |
| 1.1.19 | -INF | . | 200.000 | . |
| 1.1.20 | -INF | . | 200.000 | . |
| 1.1.21 | -INF | . | 200.000 | . |
| 1.1.22 | -INF | . | 200.000 | . |
| 1.1.23 | -INF | . | 200.000 | . |
| 1.1.24 | -INF | . | 200.000 | . |
| 1.1.25 | -INF | . | 200.000 | . |
| 1.1.26 | -INF | . | 200.000 | . |
| 1.1.27 | -INF | . | 200.000 | . |
| 1.1.28 | -INF | . | 200.000 | . |
| 1.1.29 | -INF | . | 200.000 | . |
| 1.1.30 | -INF | 9.000 | 200.000 | . |
| 1.1.31 | -INF | 20.000 | 200.000 | . |
| 1.1.32 | -INF | 31.000 | 200.000 | . |
| 1.1.33 | -INF | 42.000 | 200.000 | . |
| 1.1.34 | -INF | 53.000 | 200.000 | . |
| 1.1.35 | -INF | 64.000 | 200.000 | . |

| | | | | |
|--------|------|---------|---------|---|
| 1.1.36 | -INF | 75.000 | 200.000 | . |
| 1.1.37 | -INF | 86.000 | 200.000 | . |
| 1.1.38 | -INF | 97.000 | 200.000 | . |
| 1.1.39 | -INF | 98.000 | 200.000 | . |
| 1.1.40 | -INF | 103.000 | 200.000 | . |
| 1.1.41 | -INF | 108.000 | 200.000 | . |
| 1.1.42 | -INF | 113.000 | 200.000 | . |
| 1.1.43 | -INF | 118.000 | 200.000 | . |
| 1.1.44 | -INF | 107.000 | 200.000 | . |
| 1.1.45 | -INF | 112.000 | 200.000 | . |
| 1.1.46 | -INF | 101.000 | 200.000 | . |
| 1.1.47 | -INF | 106.000 | 200.000 | . |
| 1.1.48 | -INF | 95.000 | 200.000 | . |
| 1.1.49 | -INF | 100.000 | 200.000 | . |
| 1.1.50 | -INF | 89.000 | 200.000 | . |
| 1.2.1 | -INF | . | 200.000 | . |
| 1.2.2 | -INF | . | 200.000 | . |
| 1.2.3 | -INF | . | 200.000 | . |
| 1.2.4 | -INF | . | 200.000 | . |
| 1.2.5 | -INF | . | 200.000 | . |
| 1.2.6 | -INF | . | 200.000 | . |
| 1.2.7 | -INF | . | 200.000 | . |
| 1.2.8 | -INF | . | 200.000 | . |
| 1.2.9 | -INF | . | 200.000 | . |
| 1.2.10 | -INF | . | 200.000 | . |

| | | | | |
|--------|------|--------|---------|---|
| 1.2.11 | -INF | . | 200.000 | . |
| 1.2.12 | -INF | . | 200.000 | . |
| 1.2.13 | -INF | . | 200.000 | . |
| 1.2.14 | -INF | . | 200.000 | . |
| 1.2.15 | -INF | . | 200.000 | . |
| 1.2.16 | -INF | . | 200.000 | . |
| 1.2.17 | -INF | . | 200.000 | . |
| 1.2.18 | -INF | . | 200.000 | . |
| 1.2.19 | -INF | . | 200.000 | . |
| 1.2.20 | -INF | . | 200.000 | . |
| 1.2.21 | -INF | . | 200.000 | . |
| 1.2.22 | -INF | . | 200.000 | . |
| 1.2.23 | -INF | . | 200.000 | . |
| 1.2.24 | -INF | . | 200.000 | . |
| 1.2.25 | -INF | . | 200.000 | . |
| 1.2.26 | -INF | . | 200.000 | . |
| 1.2.27 | -INF | . | 200.000 | . |
| 1.2.28 | -INF | . | 200.000 | . |
| 1.2.29 | -INF | . | 200.000 | . |
| 1.2.30 | -INF | 9.000 | 200.000 | . |
| 1.2.31 | -INF | 20.000 | 200.000 | . |
| 1.2.32 | -INF | 31.000 | 200.000 | . |
| 1.2.33 | -INF | 42.000 | 200.000 | . |
| 1.2.34 | -INF | 53.000 | 200.000 | . |
| 1.2.35 | -INF | 64.000 | 200.000 | . |

| | | | | |
|--------|------|---------|---------|---|
| 1.2.36 | -INF | 75.000 | 200.000 | . |
| 1.2.37 | -INF | 86.000 | 200.000 | . |
| 1.2.38 | -INF | 97.000 | 200.000 | . |
| 1.2.39 | -INF | 98.000 | 200.000 | . |
| 1.2.40 | -INF | 103.000 | 200.000 | . |
| 1.2.41 | -INF | 108.000 | 200.000 | . |
| 1.2.42 | -INF | 113.000 | 200.000 | . |
| 1.2.43 | -INF | 118.000 | 200.000 | . |
| 1.2.44 | -INF | 107.000 | 200.000 | . |
| 1.2.45 | -INF | 112.000 | 200.000 | . |
| 1.2.46 | -INF | 101.000 | 200.000 | . |
| 1.2.47 | -INF | 106.000 | 200.000 | . |
| 1.2.48 | -INF | 95.000 | 200.000 | . |
| 1.2.49 | -INF | 100.000 | 200.000 | . |
| 1.2.50 | -INF | 89.000 | 200.000 | . |
| 2.1.1 | -INF | . | 200.000 | . |
| 2.1.2 | -INF | . | 200.000 | . |
| 2.1.3 | -INF | . | 200.000 | . |
| 2.1.4 | -INF | . | 200.000 | . |
| 2.1.5 | -INF | . | 200.000 | . |
| 2.1.6 | -INF | . | 200.000 | . |
| 2.1.7 | -INF | . | 200.000 | . |
| 2.1.8 | -INF | . | 200.000 | . |
| 2.1.9 | -INF | . | 200.000 | . |
| 2.1.10 | -INF | . | 200.000 | . |

| | | | | |
|--------|------|---|---------|---|
| 2.1.11 | -INF | . | 200.000 | . |
| 2.1.12 | -INF | . | 200.000 | . |
| 2.1.13 | -INF | . | 200.000 | . |
| 2.1.14 | -INF | . | 200.000 | . |
| 2.1.15 | -INF | . | 200.000 | . |
| 2.1.16 | -INF | . | 200.000 | . |
| 2.1.17 | -INF | . | 200.000 | . |
| 2.1.18 | -INF | . | 200.000 | . |
| 2.1.19 | -INF | . | 200.000 | . |
| 2.1.20 | -INF | . | 200.000 | . |
| 2.1.21 | -INF | . | 200.000 | . |
| 2.1.22 | -INF | . | 200.000 | . |
| 2.1.23 | -INF | . | 200.000 | . |
| 2.1.24 | -INF | . | 200.000 | . |
| 2.1.25 | -INF | . | 200.000 | . |
| 2.1.26 | -INF | . | 200.000 | . |
| 2.1.27 | -INF | . | 200.000 | . |
| 2.1.28 | -INF | . | 200.000 | . |
| 2.1.29 | -INF | . | 200.000 | . |
| 2.1.30 | -INF | . | 200.000 | . |
| 2.1.31 | -INF | . | 200.000 | . |
| 2.1.32 | -INF | . | 200.000 | . |
| 2.1.33 | -INF | . | 200.000 | . |
| 2.1.34 | -INF | . | 200.000 | . |
| 2.1.35 | -INF | . | 200.000 | . |

2.1.36 -INF . 200.000 .
2.1.37 -INF . 200.000 .
2.1.38 -INF . 200.000 .
2.1.39 -INF . 200.000 .
2.1.40 -INF . 200.000 .
2.1.41 -INF . 200.000 .
2.1.42 -INF 20.000 200.000 .
2.1.43 -INF 26.000 200.000 .
2.1.44 -INF 24.000 200.000 .
2.1.45 -INF 62.000 200.000 .
2.1.46 -INF 84.000 200.000 .
2.1.47 -INF 34.000 200.000 .
2.1.48 -INF 96.000 200.000 .
2.1.49 -INF 106.000 200.000 .
2.1.50 -INF 122.000 200.000 .
2.2.1 -INF . 200.000 .
2.2.2 -INF . 200.000 .
2.2.3 -INF . 200.000 .
2.2.4 -INF . 200.000 .
2.2.5 -INF . 200.000 .
2.2.6 -INF . 200.000 .
2.2.7 -INF . 200.000 .
2.2.8 -INF . 200.000 .
2.2.9 -INF . 200.000 .
2.2.10 -INF . 200.000 .

2.2.11 -INF . 200.000 .
2.2.12 -INF . 200.000 .
2.2.13 -INF . 200.000 .
2.2.14 -INF . 200.000 .
2.2.15 -INF . 200.000 .
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2.2.21 -INF . 200.000 .
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2.2.24 -INF . 200.000 .
2.2.25 -INF . 200.000 .
2.2.26 -INF . 200.000 .
2.2.27 -INF . 200.000 .
2.2.28 -INF . 200.000 .
2.2.29 -INF . 200.000 .
2.2.30 -INF . 200.000 .
2.2.31 -INF . 200.000 .
2.2.32 -INF . 200.000 .
2.2.33 -INF . 200.000 .
2.2.34 -INF . 200.000 .
2.2.35 -INF . 200.000 .

2.2.36 -INF . 200.000 .
2.2.37 -INF . 200.000 .
2.2.38 -INF . 200.000 .
2.2.39 -INF . 200.000 .
2.2.40 -INF . 200.000 .
2.2.41 -INF . 200.000 .
2.2.42 -INF 20.000 200.000 .
2.2.43 -INF 34.000 200.000 .
2.2.44 -INF 56.000 200.000 .
2.2.45 -INF 32.000 200.000 .
2.2.46 -INF 84.000 200.000 .
2.2.47 -INF 90.000 200.000 .
2.2.48 -INF 40.000 200.000 .
2.2.49 -INF 106.000 200.000 .
2.2.50 -INF 122.000 200.000 .
3.1.1 -INF . 200.000 .
3.1.2 -INF . 200.000 .
3.1.3 -INF . 200.000 .
3.1.4 -INF . 200.000 .
3.1.5 -INF . 200.000 .
3.1.6 -INF . 200.000 .
3.1.7 -INF . 200.000 .
3.1.8 -INF . 200.000 .
3.1.9 -INF . 200.000 .
3.1.10 -INF . 200.000 .

3.1.11 -INF . 200.000 .
3.1.12 -INF . 200.000 .
3.1.13 -INF . 200.000 .
3.1.14 -INF . 200.000 .
3.1.15 -INF 8.000 200.000 .
3.1.16 -INF 16.000 200.000 .
3.1.17 -INF 24.000 200.000 .
3.1.18 -INF 32.000 200.000 .
3.1.19 -INF 40.000 200.000 .
3.1.20 -INF 120.000 200.000 .
3.1.21 -INF 120.000 200.000 .
3.1.22 -INF 120.000 200.000 .
3.1.23 -INF 120.000 200.000 .
3.1.24 -INF 120.000 200.000 .
3.1.25 -INF 120.000 200.000 .
3.1.26 -INF 120.000 200.000 .
3.1.27 -INF 108.000 200.000 .
3.1.28 -INF 124.000 200.000 .
3.1.29 -INF 122.000 200.000 .
3.1.30 -INF 124.000 200.000 .
3.1.31 -INF 124.000 200.000 .
3.1.32 -INF 124.000 200.000 .
3.1.33 -INF 124.000 200.000 .
3.1.34 -INF 124.000 200.000 .
3.1.35 -INF 124.000 200.000 .

| | | | | |
|--------|------|---------|---------|---|
| 3.1.36 | -INF | 124.000 | 200.000 | . |
| 3.1.37 | -INF | 124.000 | 200.000 | . |
| 3.1.38 | -INF | 124.000 | 200.000 | . |
| 3.1.39 | -INF | 134.000 | 200.000 | . |
| 3.1.40 | -INF | 140.000 | 200.000 | . |
| 3.1.41 | -INF | 146.000 | 200.000 | . |
| 3.1.42 | -INF | 132.000 | 200.000 | . |
| 3.1.43 | -INF | 132.000 | 200.000 | . |
| 3.1.44 | -INF | 156.000 | 200.000 | . |
| 3.1.45 | -INF | 124.000 | 200.000 | . |
| 3.1.46 | -INF | 124.000 | 200.000 | . |
| 3.1.47 | -INF | 180.000 | 200.000 | . |
| 3.1.48 | -INF | 140.000 | 200.000 | . |
| 3.1.49 | -INF | 136.000 | 200.000 | . |
| 3.1.50 | -INF | 142.000 | 200.000 | . |
| 3.2.1 | -INF | . | 200.000 | . |
| 3.2.2 | -INF | . | 200.000 | . |
| 3.2.3 | -INF | . | 200.000 | . |
| 3.2.4 | -INF | . | 200.000 | . |
| 3.2.5 | -INF | . | 200.000 | . |
| 3.2.6 | -INF | . | 200.000 | . |
| 3.2.7 | -INF | . | 200.000 | . |
| 3.2.8 | -INF | . | 200.000 | . |
| 3.2.9 | -INF | . | 200.000 | . |
| 3.2.10 | -INF | . | 200.000 | . |

3.2.11 -INF . 200.000 .
3.2.12 -INF . 200.000 .
3.2.13 -INF . 200.000 .
3.2.14 -INF . 200.000 .
3.2.15 -INF 8.000 200.000 .
3.2.16 -INF 16.000 200.000 .
3.2.17 -INF 24.000 200.000 .
3.2.18 -INF 32.000 200.000 .
3.2.19 -INF 40.000 200.000 .
3.2.20 -INF 48.000 200.000 .
3.2.21 -INF 120.000 200.000 .
3.2.22 -INF 120.000 200.000 .
3.2.23 -INF 120.000 200.000 .
3.2.24 -INF 120.000 200.000 .
3.2.25 -INF 120.000 200.000 .
3.2.26 -INF 120.000 200.000 .
3.2.27 -INF 124.000 200.000 .
3.2.28 -INF 120.000 200.000 .
3.2.29 -INF 124.000 200.000 .
3.2.30 -INF 124.000 200.000 .
3.2.31 -INF 124.000 200.000 .
3.2.32 -INF 124.000 200.000 .
3.2.33 -INF 124.000 200.000 .
3.2.34 -INF 124.000 200.000 .
3.2.35 -INF 124.000 200.000 .

3.2.36 -INF 124.000 200.000 .
3.2.37 -INF 124.000 200.000 .
3.2.38 -INF 124.000 200.000 .
3.2.39 -INF 134.000 200.000 .
3.2.40 -INF 140.000 200.000 .
3.2.41 -INF 146.000 200.000 .
3.2.42 -INF 132.000 200.000 .
3.2.43 -INF 124.000 200.000 .
3.2.44 -INF 124.000 200.000 .
3.2.45 -INF 154.000 200.000 .
3.2.46 -INF 124.000 200.000 .
3.2.47 -INF 124.000 200.000 .
3.2.48 -INF 196.000 200.000 .
3.2.49 -INF 136.000 200.000 .
3.2.50 -INF 142.000 200.000 .
4.1.1 -INF 11.000 200.000 .
4.1.2 -INF 22.000 200.000 .
4.1.3 -INF 33.000 200.000 .
4.1.4 -INF 44.000 200.000 .
4.1.5 -INF 55.000 200.000 .
4.1.6 -INF 66.000 200.000 .
4.1.7 -INF 77.000 200.000 .
4.1.8 -INF 88.000 200.000 .
4.1.9 -INF 99.000 200.000 .
4.1.10 -INF 110.000 200.000 .

| | | | | |
|--------|------|---------|---------|---|
| 4.1.11 | -INF | 121.000 | 200.000 | . |
| 4.1.12 | -INF | 132.000 | 200.000 | . |
| 4.1.13 | -INF | 143.000 | 200.000 | . |
| 4.1.14 | -INF | 154.000 | 200.000 | . |
| 4.1.15 | -INF | 157.000 | 200.000 | . |
| 4.1.16 | -INF | 160.000 | 200.000 | . |
| 4.1.17 | -INF | 163.000 | 200.000 | . |
| 4.1.18 | -INF | 166.000 | 200.000 | . |
| 4.1.19 | -INF | 169.000 | 200.000 | . |
| 4.1.20 | -INF | 100.000 | 200.000 | . |
| 4.1.21 | -INF | 111.000 | 200.000 | . |
| 4.1.22 | -INF | 122.000 | 200.000 | . |
| 4.1.23 | -INF | 133.000 | 200.000 | . |
| 4.1.24 | -INF | 144.000 | 200.000 | . |
| 4.1.25 | -INF | 155.000 | 200.000 | . |
| 4.1.26 | -INF | 166.000 | 200.000 | . |
| 4.1.27 | -INF | 189.000 | 200.000 | . |
| 4.1.28 | -INF | 184.000 | 200.000 | . |
| 4.1.29 | -INF | 197.000 | 200.000 | . |
| 4.1.30 | -INF | 197.000 | 200.000 | . |
| 4.1.31 | -INF | 197.000 | 200.000 | . |
| 4.1.32 | -INF | 197.000 | 200.000 | . |
| 4.1.33 | -INF | 197.000 | 200.000 | . |
| 4.1.34 | -INF | 197.000 | 200.000 | . |
| 4.1.35 | -INF | 197.000 | 200.000 | . |

4.1.36 -INF 197.000 200.000 .
4.1.37 -INF 197.000 200.000 .
4.1.38 -INF 197.000 200.000 .
4.1.39 -INF 197.000 200.000 .
4.1.40 -INF 197.000 200.000 .
4.1.41 -INF 197.000 200.000 .
4.1.42 -INF 197.000 200.000 .
4.1.43 -INF 197.000 200.000 .
4.1.44 -INF 197.000 200.000 .
4.1.45 -INF 197.000 200.000 .
4.1.46 -INF 197.000 200.000 .
4.1.47 -INF 197.000 200.000 .
4.1.48 -INF 197.000 200.000 .
4.1.49 -INF 197.000 200.000 .
4.1.50 -INF 197.000 200.000 .
4.2.1 -INF 11.000 200.000 .
4.2.2 -INF 22.000 200.000 .
4.2.3 -INF 33.000 200.000 .
4.2.4 -INF 44.000 200.000 .
4.2.5 -INF 55.000 200.000 .
4.2.6 -INF 66.000 200.000 .
4.2.7 -INF 77.000 200.000 .
4.2.8 -INF 88.000 200.000 .
4.2.9 -INF 99.000 200.000 .
4.2.10 -INF 110.000 200.000 .

| | | | | |
|--------|------|---------|---------|---|
| 4.2.11 | -INF | 121.000 | 200.000 | . |
| 4.2.12 | -INF | 132.000 | 200.000 | . |
| 4.2.13 | -INF | 143.000 | 200.000 | . |
| 4.2.14 | -INF | 154.000 | 200.000 | . |
| 4.2.15 | -INF | 157.000 | 200.000 | . |
| 4.2.16 | -INF | 160.000 | 200.000 | . |
| 4.2.17 | -INF | 163.000 | 200.000 | . |
| 4.2.18 | -INF | 166.000 | 200.000 | . |
| 4.2.19 | -INF | 169.000 | 200.000 | . |
| 4.2.20 | -INF | 172.000 | 200.000 | . |
| 4.2.21 | -INF | 111.000 | 200.000 | . |
| 4.2.22 | -INF | 122.000 | 200.000 | . |
| 4.2.23 | -INF | 133.000 | 200.000 | . |
| 4.2.24 | -INF | 144.000 | 200.000 | . |
| 4.2.25 | -INF | 155.000 | 200.000 | . |
| 4.2.26 | -INF | 166.000 | 200.000 | . |
| 4.2.27 | -INF | 173.000 | 200.000 | . |
| 4.2.28 | -INF | 188.000 | 200.000 | . |
| 4.2.29 | -INF | 195.000 | 200.000 | . |
| 4.2.30 | -INF | 197.000 | 200.000 | . |
| 4.2.31 | -INF | 197.000 | 200.000 | . |
| 4.2.32 | -INF | 197.000 | 200.000 | . |
| 4.2.33 | -INF | 197.000 | 200.000 | . |
| 4.2.34 | -INF | 197.000 | 200.000 | . |
| 4.2.35 | -INF | 197.000 | 200.000 | . |

| | | | | |
|--------|------|---------|---------|---|
| 4.2.36 | -INF | 197.000 | 200.000 | . |
| 4.2.37 | -INF | 197.000 | 200.000 | . |
| 4.2.38 | -INF | 197.000 | 200.000 | . |
| 4.2.39 | -INF | 197.000 | 200.000 | . |
| 4.2.40 | -INF | 197.000 | 200.000 | . |
| 4.2.41 | -INF | 197.000 | 200.000 | . |
| 4.2.42 | -INF | 197.000 | 200.000 | . |
| 4.2.43 | -INF | 197.000 | 200.000 | . |
| 4.2.44 | -INF | 197.000 | 200.000 | . |
| 4.2.45 | -INF | 197.000 | 200.000 | . |
| 4.2.46 | -INF | 197.000 | 200.000 | . |
| 4.2.47 | -INF | 197.000 | 200.000 | . |
| 4.2.48 | -INF | 197.000 | 200.000 | . |
| 4.2.49 | -INF | 197.000 | 200.000 | . |
| 4.2.50 | -INF | 197.000 | 200.000 | . |

---- VAR XR reservation

LOWER LEVEL UPPER MARGINAL

| | | | | |
|-----|---|--------|---------|-----------|
| 1.1 | . | . | 100.000 | 4.205 |
| 1.2 | . | . | 100.000 | 4.045 |
| 1.3 | . | . | 100.000 | -1.46E-16 |
| 1.4 | . | 29.000 | 100.000 | EPS |
| 2.1 | . | . | 100.000 | 3.070 |

| | | | | |
|-----|---|--------|---------|-----------|
| 2.2 | . | . | 100.000 | 2.831 |
| 2.3 | . | 2.000 | 100.000 | 0.260 |
| 2.4 | . | 28.000 | 100.000 | EPS |
| 3.1 | . | . | 100.000 | 4.480 |
| 3.2 | . | . | 100.000 | 4.161 |
| 3.3 | . | 15.000 | 100.000 | -8.26E-16 |
| 3.4 | . | 14.000 | 100.000 | EPS |

---- VAR XA real usage from the reservation

| | LOWER | LEVEL | UPPER | MARGINAL |
|--|-------|-------|-------|----------|
|--|-------|-------|-------|----------|

| | | | | |
|----------|---|---|---------|-------|
| 1.1.1.1 | . | . | 100.000 | 0.006 |
| 1.1.1.2 | . | . | 100.000 | 0.007 |
| 1.1.1.3 | . | . | 100.000 | 0.008 |
| 1.1.1.4 | . | . | 100.000 | 0.010 |
| 1.1.1.5 | . | . | 100.000 | 0.011 |
| 1.1.1.6 | . | . | 100.000 | 0.013 |
| 1.1.1.7 | . | . | 100.000 | 0.015 |
| 1.1.1.8 | . | . | 100.000 | 0.017 |
| 1.1.1.9 | . | . | 100.000 | 0.019 |
| 1.1.1.10 | . | . | 100.000 | 0.021 |
| 1.1.1.11 | . | . | 100.000 | 0.023 |
| 1.1.1.12 | . | . | 100.000 | 0.026 |
| 1.1.1.13 | . | . | 100.000 | 0.028 |

| | | | | |
|----------|---|---|---------|-------|
| 1.1.1.14 | . | . | 100.000 | 0.031 |
| 1.1.1.15 | . | . | 100.000 | 0.033 |
| 1.1.1.16 | . | . | 100.000 | 0.035 |
| 1.1.1.17 | . | . | 100.000 | 0.038 |
| 1.1.1.18 | . | . | 100.000 | 0.040 |
| 1.1.1.19 | . | . | 100.000 | 0.042 |
| 1.1.1.20 | . | . | 100.000 | 0.044 |
| 1.1.1.21 | . | . | 100.000 | 0.045 |
| 1.1.1.22 | . | . | 100.000 | 0.046 |
| 1.1.1.23 | . | . | 100.000 | 0.047 |
| 1.1.1.24 | . | . | 100.000 | 0.048 |
| 1.1.1.25 | . | . | 100.000 | 0.048 |
| 1.1.1.26 | . | . | 100.000 | 0.048 |
| 1.1.1.27 | . | . | 100.000 | 0.048 |
| 1.1.1.28 | . | . | 100.000 | 0.047 |
| 1.1.1.29 | . | . | 100.000 | EPS |
| 1.1.1.30 | . | . | 100.000 | EPS |
| 1.1.1.31 | . | . | 100.000 | EPS |
| 1.1.1.32 | . | . | 100.000 | EPS |
| 1.1.1.33 | . | . | 100.000 | EPS |
| 1.1.1.34 | . | . | 100.000 | EPS |
| 1.1.1.35 | . | . | 100.000 | EPS |
| 1.1.1.36 | . | . | 100.000 | EPS |
| 1.1.1.37 | . | . | 100.000 | EPS |
| 1.1.1.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-------|
| 1.1.1.39 | . | . | 100.000 | EPS |
| 1.1.1.40 | . | . | 100.000 | EPS |
| 1.1.1.41 | . | . | 100.000 | EPS |
| 1.1.1.42 | . | . | 100.000 | EPS |
| 1.1.1.43 | . | . | 100.000 | EPS |
| 1.1.1.44 | . | . | 100.000 | EPS |
| 1.1.1.45 | . | . | 100.000 | EPS |
| 1.1.1.46 | . | . | 100.000 | EPS |
| 1.1.1.47 | . | . | 100.000 | EPS |
| 1.1.1.48 | . | . | 100.000 | EPS |
| 1.1.1.49 | . | . | 100.000 | EPS |
| 1.1.1.50 | . | . | 100.000 | EPS |
| 1.1.2.1 | . | . | 100.000 | 0.003 |
| 1.1.2.2 | . | . | 100.000 | 0.003 |
| 1.1.2.3 | . | . | 100.000 | 0.004 |
| 1.1.2.4 | . | . | 100.000 | 0.004 |
| 1.1.2.5 | . | . | 100.000 | 0.005 |
| 1.1.2.6 | . | . | 100.000 | 0.006 |
| 1.1.2.7 | . | . | 100.000 | 0.006 |
| 1.1.2.8 | . | . | 100.000 | 0.007 |
| 1.1.2.9 | . | . | 100.000 | 0.008 |
| 1.1.2.10 | . | . | 100.000 | 0.009 |
| 1.1.2.11 | . | . | 100.000 | 0.010 |
| 1.1.2.12 | . | . | 100.000 | 0.011 |
| 1.1.2.13 | . | . | 100.000 | 0.012 |

| | | | | |
|----------|---|---|---------|-------|
| 1.1.2.14 | . | . | 100.000 | 0.013 |
| 1.1.2.15 | . | . | 100.000 | 0.014 |
| 1.1.2.16 | . | . | 100.000 | 0.015 |
| 1.1.2.17 | . | . | 100.000 | 0.016 |
| 1.1.2.18 | . | . | 100.000 | 0.017 |
| 1.1.2.19 | . | . | 100.000 | 0.018 |
| 1.1.2.20 | . | . | 100.000 | 0.019 |
| 1.1.2.21 | . | . | 100.000 | 0.019 |
| 1.1.2.22 | . | . | 100.000 | 0.020 |
| 1.1.2.23 | . | . | 100.000 | 0.020 |
| 1.1.2.24 | . | . | 100.000 | 0.021 |
| 1.1.2.25 | . | . | 100.000 | 0.021 |
| 1.1.2.26 | . | . | 100.000 | 0.021 |
| 1.1.2.27 | . | . | 100.000 | 0.021 |
| 1.1.2.28 | . | . | 100.000 | 0.020 |
| 1.1.2.29 | . | . | 100.000 | EPS |
| 1.1.2.30 | . | . | 100.000 | EPS |
| 1.1.2.31 | . | . | 100.000 | EPS |
| 1.1.2.32 | . | . | 100.000 | EPS |
| 1.1.2.33 | . | . | 100.000 | EPS |
| 1.1.2.34 | . | . | 100.000 | EPS |
| 1.1.2.35 | . | . | 100.000 | EPS |
| 1.1.2.36 | . | . | 100.000 | EPS |
| 1.1.2.37 | . | . | 100.000 | EPS |
| 1.1.2.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-------|
| 1.1.2.39 | . | . | 100.000 | EPS |
| 1.1.2.40 | . | . | 100.000 | EPS |
| 1.1.2.41 | . | . | 100.000 | EPS |
| 1.1.2.42 | . | . | 100.000 | EPS |
| 1.1.2.43 | . | . | 100.000 | EPS |
| 1.1.2.44 | . | . | 100.000 | EPS |
| 1.1.2.45 | . | . | 100.000 | EPS |
| 1.1.2.46 | . | . | 100.000 | EPS |
| 1.1.2.47 | . | . | 100.000 | EPS |
| 1.1.2.48 | . | . | 100.000 | EPS |
| 1.1.2.49 | . | . | 100.000 | EPS |
| 1.1.2.50 | . | . | 100.000 | EPS |
| 1.2.1.1 | . | . | 100.000 | 0.006 |
| 1.2.1.2 | . | . | 100.000 | 0.007 |
| 1.2.1.3 | . | . | 100.000 | 0.008 |
| 1.2.1.4 | . | . | 100.000 | 0.010 |
| 1.2.1.5 | . | . | 100.000 | 0.011 |
| 1.2.1.6 | . | . | 100.000 | 0.013 |
| 1.2.1.7 | . | . | 100.000 | 0.015 |
| 1.2.1.8 | . | . | 100.000 | 0.017 |
| 1.2.1.9 | . | . | 100.000 | 0.019 |
| 1.2.1.10 | . | . | 100.000 | 0.021 |
| 1.2.1.11 | . | . | 100.000 | 0.023 |
| 1.2.1.12 | . | . | 100.000 | 0.026 |
| 1.2.1.13 | . | . | 100.000 | 0.028 |

| | | | | |
|----------|---|---|---------|-------|
| 1.2.1.14 | . | . | 100.000 | 0.031 |
| 1.2.1.15 | . | . | 100.000 | 0.033 |
| 1.2.1.16 | . | . | 100.000 | 0.035 |
| 1.2.1.17 | . | . | 100.000 | 0.038 |
| 1.2.1.18 | . | . | 100.000 | 0.040 |
| 1.2.1.19 | . | . | 100.000 | 0.042 |
| 1.2.1.20 | . | . | 100.000 | 0.044 |
| 1.2.1.21 | . | . | 100.000 | 0.045 |
| 1.2.1.22 | . | . | 100.000 | 0.046 |
| 1.2.1.23 | . | . | 100.000 | 0.047 |
| 1.2.1.24 | . | . | 100.000 | 0.048 |
| 1.2.1.25 | . | . | 100.000 | 0.048 |
| 1.2.1.26 | . | . | 100.000 | 0.048 |
| 1.2.1.27 | . | . | 100.000 | 0.048 |
| 1.2.1.28 | . | . | 100.000 | 0.047 |
| 1.2.1.29 | . | . | 100.000 | EPS |
| 1.2.1.30 | . | . | 100.000 | EPS |
| 1.2.1.31 | . | . | 100.000 | EPS |
| 1.2.1.32 | . | . | 100.000 | EPS |
| 1.2.1.33 | . | . | 100.000 | EPS |
| 1.2.1.34 | . | . | 100.000 | EPS |
| 1.2.1.35 | . | . | 100.000 | EPS |
| 1.2.1.36 | . | . | 100.000 | EPS |
| 1.2.1.37 | . | . | 100.000 | EPS |
| 1.2.1.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-------|
| 1.2.1.39 | . | . | 100.000 | EPS |
| 1.2.1.40 | . | . | 100.000 | EPS |
| 1.2.1.41 | . | . | 100.000 | EPS |
| 1.2.1.42 | . | . | 100.000 | EPS |
| 1.2.1.43 | . | . | 100.000 | EPS |
| 1.2.1.44 | . | . | 100.000 | EPS |
| 1.2.1.45 | . | . | 100.000 | EPS |
| 1.2.1.46 | . | . | 100.000 | EPS |
| 1.2.1.47 | . | . | 100.000 | EPS |
| 1.2.1.48 | . | . | 100.000 | EPS |
| 1.2.1.49 | . | . | 100.000 | EPS |
| 1.2.1.50 | . | . | 100.000 | EPS |
| 1.2.2.1 | . | . | 100.000 | 0.003 |
| 1.2.2.2 | . | . | 100.000 | 0.003 |
| 1.2.2.3 | . | . | 100.000 | 0.004 |
| 1.2.2.4 | . | . | 100.000 | 0.004 |
| 1.2.2.5 | . | . | 100.000 | 0.005 |
| 1.2.2.6 | . | . | 100.000 | 0.006 |
| 1.2.2.7 | . | . | 100.000 | 0.006 |
| 1.2.2.8 | . | . | 100.000 | 0.007 |
| 1.2.2.9 | . | . | 100.000 | 0.008 |
| 1.2.2.10 | . | . | 100.000 | 0.009 |
| 1.2.2.11 | . | . | 100.000 | 0.010 |
| 1.2.2.12 | . | . | 100.000 | 0.011 |
| 1.2.2.13 | . | . | 100.000 | 0.012 |

| | | | | |
|----------|---|---|---------|-------|
| 1.2.2.14 | . | . | 100.000 | 0.013 |
| 1.2.2.15 | . | . | 100.000 | 0.014 |
| 1.2.2.16 | . | . | 100.000 | 0.015 |
| 1.2.2.17 | . | . | 100.000 | 0.016 |
| 1.2.2.18 | . | . | 100.000 | 0.017 |
| 1.2.2.19 | . | . | 100.000 | 0.018 |
| 1.2.2.20 | . | . | 100.000 | 0.019 |
| 1.2.2.21 | . | . | 100.000 | 0.019 |
| 1.2.2.22 | . | . | 100.000 | 0.020 |
| 1.2.2.23 | . | . | 100.000 | 0.020 |
| 1.2.2.24 | . | . | 100.000 | 0.021 |
| 1.2.2.25 | . | . | 100.000 | 0.021 |
| 1.2.2.26 | . | . | 100.000 | 0.021 |
| 1.2.2.27 | . | . | 100.000 | 0.021 |
| 1.2.2.28 | . | . | 100.000 | 0.020 |
| 1.2.2.29 | . | . | 100.000 | EPS |
| 1.2.2.30 | . | . | 100.000 | EPS |
| 1.2.2.31 | . | . | 100.000 | EPS |
| 1.2.2.32 | . | . | 100.000 | EPS |
| 1.2.2.33 | . | . | 100.000 | EPS |
| 1.2.2.34 | . | . | 100.000 | EPS |
| 1.2.2.35 | . | . | 100.000 | EPS |
| 1.2.2.36 | . | . | 100.000 | EPS |
| 1.2.2.37 | . | . | 100.000 | EPS |
| 1.2.2.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-----|
| 1.2.2.39 | . | . | 100.000 | EPS |
| 1.2.2.40 | . | . | 100.000 | EPS |
| 1.2.2.41 | . | . | 100.000 | EPS |
| 1.2.2.42 | . | . | 100.000 | EPS |
| 1.2.2.43 | . | . | 100.000 | EPS |
| 1.2.2.44 | . | . | 100.000 | EPS |
| 1.2.2.45 | . | . | 100.000 | EPS |
| 1.2.2.46 | . | . | 100.000 | EPS |
| 1.2.2.47 | . | . | 100.000 | EPS |
| 1.2.2.48 | . | . | 100.000 | EPS |
| 1.2.2.49 | . | . | 100.000 | EPS |
| 1.2.2.50 | . | . | 100.000 | EPS |
| 1.3.1.1 | . | . | 100.000 | EPS |
| 1.3.1.2 | . | . | 100.000 | EPS |
| 1.3.1.3 | . | . | 100.000 | EPS |
| 1.3.1.4 | . | . | 100.000 | EPS |
| 1.3.1.5 | . | . | 100.000 | EPS |
| 1.3.1.6 | . | . | 100.000 | EPS |
| 1.3.1.7 | . | . | 100.000 | EPS |
| 1.3.1.8 | . | . | 100.000 | EPS |
| 1.3.1.9 | . | . | 100.000 | EPS |
| 1.3.1.10 | . | . | 100.000 | EPS |
| 1.3.1.11 | . | . | 100.000 | EPS |
| 1.3.1.12 | . | . | 100.000 | EPS |
| 1.3.1.13 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-----|
| 1.3.1.14 | . | . | 100.000 | EPS |
| 1.3.1.15 | . | . | 100.000 | EPS |
| 1.3.1.16 | . | . | 100.000 | EPS |
| 1.3.1.17 | . | . | 100.000 | EPS |
| 1.3.1.18 | . | . | 100.000 | EPS |
| 1.3.1.19 | . | . | 100.000 | EPS |
| 1.3.1.20 | . | . | 100.000 | EPS |
| 1.3.1.21 | . | . | 100.000 | EPS |
| 1.3.1.22 | . | . | 100.000 | EPS |
| 1.3.1.23 | . | . | 100.000 | EPS |
| 1.3.1.24 | . | . | 100.000 | EPS |
| 1.3.1.25 | . | . | 100.000 | EPS |
| 1.3.1.26 | . | . | 100.000 | EPS |
| 1.3.1.27 | . | . | 100.000 | EPS |
| 1.3.1.28 | . | . | 100.000 | EPS |
| 1.3.1.29 | . | . | 100.000 | EPS |
| 1.3.1.30 | . | . | 100.000 | EPS |
| 1.3.1.31 | . | . | 100.000 | EPS |
| 1.3.1.32 | . | . | 100.000 | EPS |
| 1.3.1.33 | . | . | 100.000 | EPS |
| 1.3.1.34 | . | . | 100.000 | EPS |
| 1.3.1.35 | . | . | 100.000 | EPS |
| 1.3.1.36 | . | . | 100.000 | EPS |
| 1.3.1.37 | . | . | 100.000 | EPS |
| 1.3.1.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-----|
| 1.3.1.39 | . | . | 100.000 | EPS |
| 1.3.1.40 | . | . | 100.000 | EPS |
| 1.3.1.41 | . | . | 100.000 | EPS |
| 1.3.1.42 | . | . | 100.000 | EPS |
| 1.3.1.43 | . | . | 100.000 | EPS |
| 1.3.1.44 | . | . | 100.000 | EPS |
| 1.3.1.45 | . | . | 100.000 | EPS |
| 1.3.1.46 | . | . | 100.000 | EPS |
| 1.3.1.47 | . | . | 100.000 | EPS |
| 1.3.1.48 | . | . | 100.000 | EPS |
| 1.3.1.49 | . | . | 100.000 | EPS |
| 1.3.1.50 | . | . | 100.000 | EPS |
| 1.3.2.1 | . | . | 100.000 | EPS |
| 1.3.2.2 | . | . | 100.000 | EPS |
| 1.3.2.3 | . | . | 100.000 | EPS |
| 1.3.2.4 | . | . | 100.000 | EPS |
| 1.3.2.5 | . | . | 100.000 | EPS |
| 1.3.2.6 | . | . | 100.000 | EPS |
| 1.3.2.7 | . | . | 100.000 | EPS |
| 1.3.2.8 | . | . | 100.000 | EPS |
| 1.3.2.9 | . | . | 100.000 | EPS |
| 1.3.2.10 | . | . | 100.000 | EPS |
| 1.3.2.11 | . | . | 100.000 | EPS |
| 1.3.2.12 | . | . | 100.000 | EPS |
| 1.3.2.13 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-----|
| 1.3.2.14 | . | . | 100.000 | EPS |
| 1.3.2.15 | . | . | 100.000 | EPS |
| 1.3.2.16 | . | . | 100.000 | EPS |
| 1.3.2.17 | . | . | 100.000 | EPS |
| 1.3.2.18 | . | . | 100.000 | EPS |
| 1.3.2.19 | . | . | 100.000 | EPS |
| 1.3.2.20 | . | . | 100.000 | EPS |
| 1.3.2.21 | . | . | 100.000 | EPS |
| 1.3.2.22 | . | . | 100.000 | EPS |
| 1.3.2.23 | . | . | 100.000 | EPS |
| 1.3.2.24 | . | . | 100.000 | EPS |
| 1.3.2.25 | . | . | 100.000 | EPS |
| 1.3.2.26 | . | . | 100.000 | EPS |
| 1.3.2.27 | . | . | 100.000 | EPS |
| 1.3.2.28 | . | . | 100.000 | EPS |
| 1.3.2.29 | . | . | 100.000 | EPS |
| 1.3.2.30 | . | . | 100.000 | EPS |
| 1.3.2.31 | . | . | 100.000 | EPS |
| 1.3.2.32 | . | . | 100.000 | EPS |
| 1.3.2.33 | . | . | 100.000 | EPS |
| 1.3.2.34 | . | . | 100.000 | EPS |
| 1.3.2.35 | . | . | 100.000 | EPS |
| 1.3.2.36 | . | . | 100.000 | EPS |
| 1.3.2.37 | . | . | 100.000 | EPS |
| 1.3.2.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 1.3.2.39 | . | . | 100.000 | EPS |
| 1.3.2.40 | . | . | 100.000 | EPS |
| 1.3.2.41 | . | . | 100.000 | EPS |
| 1.3.2.42 | . | . | 100.000 | EPS |
| 1.3.2.43 | . | . | 100.000 | EPS |
| 1.3.2.44 | . | . | 100.000 | EPS |
| 1.3.2.45 | . | . | 100.000 | EPS |
| 1.3.2.46 | . | . | 100.000 | EPS |
| 1.3.2.47 | . | . | 100.000 | EPS |
| 1.3.2.48 | . | . | 100.000 | EPS |
| 1.3.2.49 | . | . | 100.000 | EPS |
| 1.3.2.50 | . | . | 100.000 | EPS |
| 1.4.1.1 | . | 1.000 | 100.000 | EPS |
| 1.4.1.2 | . | 2.000 | 100.000 | EPS |
| 1.4.1.3 | . | 3.000 | 100.000 | EPS |
| 1.4.1.4 | . | 4.000 | 100.000 | EPS |
| 1.4.1.5 | . | 5.000 | 100.000 | EPS |
| 1.4.1.6 | . | 6.000 | 100.000 | EPS |
| 1.4.1.7 | . | 7.000 | 100.000 | EPS |
| 1.4.1.8 | . | 8.000 | 100.000 | EPS |
| 1.4.1.9 | . | 9.000 | 100.000 | EPS |
| 1.4.1.10 | . | 10.000 | 100.000 | EPS |
| 1.4.1.11 | . | 11.000 | 100.000 | EPS |
| 1.4.1.12 | . | 12.000 | 100.000 | EPS |
| 1.4.1.13 | . | 13.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 1.4.1.14 | . | 14.000 | 100.000 | EPS |
| 1.4.1.15 | . | 15.000 | 100.000 | EPS |
| 1.4.1.16 | . | 16.000 | 100.000 | EPS |
| 1.4.1.17 | . | 17.000 | 100.000 | EPS |
| 1.4.1.18 | . | 18.000 | 100.000 | EPS |
| 1.4.1.19 | . | 19.000 | 100.000 | EPS |
| 1.4.1.20 | . | 20.000 | 100.000 | EPS |
| 1.4.1.21 | . | 21.000 | 100.000 | EPS |
| 1.4.1.22 | . | 22.000 | 100.000 | EPS |
| 1.4.1.23 | . | 23.000 | 100.000 | EPS |
| 1.4.1.24 | . | 24.000 | 100.000 | EPS |
| 1.4.1.25 | . | 25.000 | 100.000 | EPS |
| 1.4.1.26 | . | 26.000 | 100.000 | EPS |
| 1.4.1.27 | . | 27.000 | 100.000 | EPS |
| 1.4.1.28 | . | 28.000 | 100.000 | EPS |
| 1.4.1.29 | . | 29.000 | 100.000 | EPS |
| 1.4.1.30 | . | 29.000 | 100.000 | EPS |
| 1.4.1.31 | . | 29.000 | 100.000 | EPS |
| 1.4.1.32 | . | 29.000 | 100.000 | EPS |
| 1.4.1.33 | . | 29.000 | 100.000 | EPS |
| 1.4.1.34 | . | 29.000 | 100.000 | EPS |
| 1.4.1.35 | . | 29.000 | 100.000 | EPS |
| 1.4.1.36 | . | 29.000 | 100.000 | EPS |
| 1.4.1.37 | . | 29.000 | 100.000 | EPS |
| 1.4.1.38 | . | 29.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 1.4.1.39 | . | 29.000 | 100.000 | EPS |
| 1.4.1.40 | . | 29.000 | 100.000 | EPS |
| 1.4.1.41 | . | 29.000 | 100.000 | EPS |
| 1.4.1.42 | . | 29.000 | 100.000 | EPS |
| 1.4.1.43 | . | 29.000 | 100.000 | EPS |
| 1.4.1.44 | . | 29.000 | 100.000 | EPS |
| 1.4.1.45 | . | 29.000 | 100.000 | EPS |
| 1.4.1.46 | . | 29.000 | 100.000 | EPS |
| 1.4.1.47 | . | 29.000 | 100.000 | EPS |
| 1.4.1.48 | . | 29.000 | 100.000 | EPS |
| 1.4.1.49 | . | 29.000 | 100.000 | EPS |
| 1.4.1.50 | . | 29.000 | 100.000 | EPS |
| 1.4.2.1 | . | 1.000 | 100.000 | EPS |
| 1.4.2.2 | . | 2.000 | 100.000 | EPS |
| 1.4.2.3 | . | 3.000 | 100.000 | EPS |
| 1.4.2.4 | . | 4.000 | 100.000 | EPS |
| 1.4.2.5 | . | 5.000 | 100.000 | EPS |
| 1.4.2.6 | . | 6.000 | 100.000 | EPS |
| 1.4.2.7 | . | 7.000 | 100.000 | EPS |
| 1.4.2.8 | . | 8.000 | 100.000 | EPS |
| 1.4.2.9 | . | 9.000 | 100.000 | EPS |
| 1.4.2.10 | . | 10.000 | 100.000 | EPS |
| 1.4.2.11 | . | 11.000 | 100.000 | EPS |
| 1.4.2.12 | . | 12.000 | 100.000 | EPS |
| 1.4.2.13 | . | 13.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 1.4.2.14 | . | 14.000 | 100.000 | EPS |
| 1.4.2.15 | . | 15.000 | 100.000 | EPS |
| 1.4.2.16 | . | 16.000 | 100.000 | EPS |
| 1.4.2.17 | . | 17.000 | 100.000 | EPS |
| 1.4.2.18 | . | 18.000 | 100.000 | EPS |
| 1.4.2.19 | . | 19.000 | 100.000 | EPS |
| 1.4.2.20 | . | 20.000 | 100.000 | EPS |
| 1.4.2.21 | . | 21.000 | 100.000 | EPS |
| 1.4.2.22 | . | 22.000 | 100.000 | EPS |
| 1.4.2.23 | . | 23.000 | 100.000 | EPS |
| 1.4.2.24 | . | 24.000 | 100.000 | EPS |
| 1.4.2.25 | . | 25.000 | 100.000 | EPS |
| 1.4.2.26 | . | 26.000 | 100.000 | EPS |
| 1.4.2.27 | . | 27.000 | 100.000 | EPS |
| 1.4.2.28 | . | 28.000 | 100.000 | EPS |
| 1.4.2.29 | . | 29.000 | 100.000 | EPS |
| 1.4.2.30 | . | 29.000 | 100.000 | EPS |
| 1.4.2.31 | . | 29.000 | 100.000 | EPS |
| 1.4.2.32 | . | 29.000 | 100.000 | EPS |
| 1.4.2.33 | . | 29.000 | 100.000 | EPS |
| 1.4.2.34 | . | 29.000 | 100.000 | EPS |
| 1.4.2.35 | . | 29.000 | 100.000 | EPS |
| 1.4.2.36 | . | 29.000 | 100.000 | EPS |
| 1.4.2.37 | . | 29.000 | 100.000 | EPS |
| 1.4.2.38 | . | 29.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-------|
| 1.4.2.39 | . | 29.000 | 100.000 | EPS |
| 1.4.2.40 | . | 29.000 | 100.000 | EPS |
| 1.4.2.41 | . | 29.000 | 100.000 | EPS |
| 1.4.2.42 | . | 29.000 | 100.000 | EPS |
| 1.4.2.43 | . | 29.000 | 100.000 | EPS |
| 1.4.2.44 | . | 29.000 | 100.000 | EPS |
| 1.4.2.45 | . | 29.000 | 100.000 | EPS |
| 1.4.2.46 | . | 29.000 | 100.000 | EPS |
| 1.4.2.47 | . | 29.000 | 100.000 | EPS |
| 1.4.2.48 | . | 29.000 | 100.000 | EPS |
| 1.4.2.49 | . | 29.000 | 100.000 | EPS |
| 1.4.2.50 | . | 29.000 | 100.000 | EPS |
| 2.1.1.1 | . | . | 100.000 | 0.002 |
| 2.1.1.2 | . | . | 100.000 | 0.002 |
| 2.1.1.3 | . | . | 100.000 | 0.002 |
| 2.1.1.4 | . | . | 100.000 | 0.002 |
| 2.1.1.5 | . | . | 100.000 | 0.003 |
| 2.1.1.6 | . | . | 100.000 | 0.003 |
| 2.1.1.7 | . | . | 100.000 | 0.004 |
| 2.1.1.8 | . | . | 100.000 | 0.004 |
| 2.1.1.9 | . | . | 100.000 | 0.005 |
| 2.1.1.10 | . | . | 100.000 | 0.005 |
| 2.1.1.11 | . | . | 100.000 | 0.006 |
| 2.1.1.12 | . | . | 100.000 | 0.006 |
| 2.1.1.13 | . | . | 100.000 | 0.007 |

| | | | | |
|----------|---|---|---------|-------|
| 2.1.1.14 | . | . | 100.000 | 0.008 |
| 2.1.1.15 | . | . | 100.000 | 0.008 |
| 2.1.1.16 | . | . | 100.000 | 0.009 |
| 2.1.1.17 | . | . | 100.000 | 0.009 |
| 2.1.1.18 | . | . | 100.000 | 0.010 |
| 2.1.1.19 | . | . | 100.000 | 0.010 |
| 2.1.1.20 | . | . | 100.000 | 0.011 |
| 2.1.1.21 | . | . | 100.000 | 0.011 |
| 2.1.1.22 | . | . | 100.000 | 0.012 |
| 2.1.1.23 | . | . | 100.000 | 0.012 |
| 2.1.1.24 | . | . | 100.000 | 0.012 |
| 2.1.1.25 | . | . | 100.000 | 0.012 |
| 2.1.1.26 | . | . | 100.000 | 0.012 |
| 2.1.1.27 | . | . | 100.000 | 0.012 |
| 2.1.1.28 | . | . | 100.000 | 0.012 |
| 2.1.1.29 | . | . | 100.000 | 0.012 |
| 2.1.1.30 | . | . | 100.000 | 0.011 |
| 2.1.1.31 | . | . | 100.000 | EPS |
| 2.1.1.32 | . | . | 100.000 | EPS |
| 2.1.1.33 | . | . | 100.000 | EPS |
| 2.1.1.34 | . | . | 100.000 | EPS |
| 2.1.1.35 | . | . | 100.000 | EPS |
| 2.1.1.36 | . | . | 100.000 | EPS |
| 2.1.1.37 | . | . | 100.000 | EPS |
| 2.1.1.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-----------|
| 2.1.1.39 | . | . | 100.000 | EPS |
| 2.1.1.40 | . | . | 100.000 | EPS |
| 2.1.1.41 | . | . | 100.000 | EPS |
| 2.1.1.42 | . | . | 100.000 | EPS |
| 2.1.1.43 | . | . | 100.000 | EPS |
| 2.1.1.44 | . | . | 100.000 | EPS |
| 2.1.1.45 | . | . | 100.000 | EPS |
| 2.1.1.46 | . | . | 100.000 | EPS |
| 2.1.1.47 | . | . | 100.000 | EPS |
| 2.1.1.48 | . | . | 100.000 | EPS |
| 2.1.1.49 | . | . | 100.000 | EPS |
| 2.1.1.50 | . | . | 100.000 | EPS |
| 2.1.2.1 | . | . | 100.000 | 6.4433E-4 |
| 2.1.2.2 | . | . | 100.000 | 7.6119E-4 |
| 2.1.2.3 | . | . | 100.000 | 8.9302E-4 |
| 2.1.2.4 | . | . | 100.000 | 0.001 |
| 2.1.2.5 | . | . | 100.000 | 0.001 |
| 2.1.2.6 | . | . | 100.000 | 0.001 |
| 2.1.2.7 | . | . | 100.000 | 0.002 |
| 2.1.2.8 | . | . | 100.000 | 0.002 |
| 2.1.2.9 | . | . | 100.000 | 0.002 |
| 2.1.2.10 | . | . | 100.000 | 0.002 |
| 2.1.2.11 | . | . | 100.000 | 0.002 |
| 2.1.2.12 | . | . | 100.000 | 0.003 |
| 2.1.2.13 | . | . | 100.000 | 0.003 |

| | | | | |
|----------|---|---|---------|--------|
| 2.1.2.14 | . | . | 100.000 | 0.003 |
| 2.1.2.15 | . | . | 100.000 | 0.004 |
| 2.1.2.16 | . | . | 100.000 | 0.004 |
| 2.1.2.17 | . | . | 100.000 | 0.004 |
| 2.1.2.18 | . | . | 100.000 | 0.004 |
| 2.1.2.19 | . | . | 100.000 | 0.004 |
| 2.1.2.20 | . | . | 100.000 | 0.005 |
| 2.1.2.21 | . | . | 100.000 | 0.005 |
| 2.1.2.22 | . | . | 100.000 | 0.005 |
| 2.1.2.23 | . | . | 100.000 | 0.005 |
| 2.1.2.24 | . | . | 100.000 | 0.005 |
| 2.1.2.25 | . | . | 100.000 | 0.005 |
| 2.1.2.26 | . | . | 100.000 | 0.005 |
| 2.1.2.27 | . | . | 100.000 | 0.005 |
| 2.1.2.28 | . | . | 100.000 | -0.255 |
| 2.1.2.29 | . | . | 100.000 | 0.005 |
| 2.1.2.30 | . | . | 100.000 | EPS |
| 2.1.2.31 | . | . | 100.000 | EPS |
| 2.1.2.32 | . | . | 100.000 | EPS |
| 2.1.2.33 | . | . | 100.000 | EPS |
| 2.1.2.34 | . | . | 100.000 | EPS |
| 2.1.2.35 | . | . | 100.000 | EPS |
| 2.1.2.36 | . | . | 100.000 | EPS |
| 2.1.2.37 | . | . | 100.000 | EPS |
| 2.1.2.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-------|
| 2.1.2.39 | . | . | 100.000 | EPS |
| 2.1.2.40 | . | . | 100.000 | EPS |
| 2.1.2.41 | . | . | 100.000 | EPS |
| 2.1.2.42 | . | . | 100.000 | EPS |
| 2.1.2.43 | . | . | 100.000 | EPS |
| 2.1.2.44 | . | . | 100.000 | EPS |
| 2.1.2.45 | . | . | 100.000 | EPS |
| 2.1.2.46 | . | . | 100.000 | EPS |
| 2.1.2.47 | . | . | 100.000 | EPS |
| 2.1.2.48 | . | . | 100.000 | EPS |
| 2.1.2.49 | . | . | 100.000 | EPS |
| 2.1.2.50 | . | . | 100.000 | EPS |
| 2.2.1.1 | . | . | 100.000 | 0.002 |
| 2.2.1.2 | . | . | 100.000 | 0.002 |
| 2.2.1.3 | . | . | 100.000 | 0.002 |
| 2.2.1.4 | . | . | 100.000 | 0.002 |
| 2.2.1.5 | . | . | 100.000 | 0.003 |
| 2.2.1.6 | . | . | 100.000 | 0.003 |
| 2.2.1.7 | . | . | 100.000 | 0.004 |
| 2.2.1.8 | . | . | 100.000 | 0.004 |
| 2.2.1.9 | . | . | 100.000 | 0.005 |
| 2.2.1.10 | . | . | 100.000 | 0.005 |
| 2.2.1.11 | . | . | 100.000 | 0.006 |
| 2.2.1.12 | . | . | 100.000 | 0.006 |
| 2.2.1.13 | . | . | 100.000 | 0.007 |

| | | | | |
|----------|---|---|---------|-------|
| 2.2.1.14 | . | . | 100.000 | 0.008 |
| 2.2.1.15 | . | . | 100.000 | 0.008 |
| 2.2.1.16 | . | . | 100.000 | 0.009 |
| 2.2.1.17 | . | . | 100.000 | 0.009 |
| 2.2.1.18 | . | . | 100.000 | 0.010 |
| 2.2.1.19 | . | . | 100.000 | 0.010 |
| 2.2.1.20 | . | . | 100.000 | 0.011 |
| 2.2.1.21 | . | . | 100.000 | 0.011 |
| 2.2.1.22 | . | . | 100.000 | 0.012 |
| 2.2.1.23 | . | . | 100.000 | 0.012 |
| 2.2.1.24 | . | . | 100.000 | 0.012 |
| 2.2.1.25 | . | . | 100.000 | 0.012 |
| 2.2.1.26 | . | . | 100.000 | 0.012 |
| 2.2.1.27 | . | . | 100.000 | 0.012 |
| 2.2.1.28 | . | . | 100.000 | 0.012 |
| 2.2.1.29 | . | . | 100.000 | 0.012 |
| 2.2.1.30 | . | . | 100.000 | 0.011 |
| 2.2.1.31 | . | . | 100.000 | EPS |
| 2.2.1.32 | . | . | 100.000 | EPS |
| 2.2.1.33 | . | . | 100.000 | EPS |
| 2.2.1.34 | . | . | 100.000 | EPS |
| 2.2.1.35 | . | . | 100.000 | EPS |
| 2.2.1.36 | . | . | 100.000 | EPS |
| 2.2.1.37 | . | . | 100.000 | EPS |
| 2.2.1.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-----------|
| 2.2.1.39 | . | . | 100.000 | EPS |
| 2.2.1.40 | . | . | 100.000 | EPS |
| 2.2.1.41 | . | . | 100.000 | EPS |
| 2.2.1.42 | . | . | 100.000 | EPS |
| 2.2.1.43 | . | . | 100.000 | EPS |
| 2.2.1.44 | . | . | 100.000 | EPS |
| 2.2.1.45 | . | . | 100.000 | EPS |
| 2.2.1.46 | . | . | 100.000 | EPS |
| 2.2.1.47 | . | . | 100.000 | EPS |
| 2.2.1.48 | . | . | 100.000 | EPS |
| 2.2.1.49 | . | . | 100.000 | EPS |
| 2.2.1.50 | . | . | 100.000 | EPS |
| 2.2.2.1 | . | . | 100.000 | 6.4433E-4 |
| 2.2.2.2 | . | . | 100.000 | 7.6119E-4 |
| 2.2.2.3 | . | . | 100.000 | 8.9302E-4 |
| 2.2.2.4 | . | . | 100.000 | 0.001 |
| 2.2.2.5 | . | . | 100.000 | 0.001 |
| 2.2.2.6 | . | . | 100.000 | 0.001 |
| 2.2.2.7 | . | . | 100.000 | 0.002 |
| 2.2.2.8 | . | . | 100.000 | 0.002 |
| 2.2.2.9 | . | . | 100.000 | 0.002 |
| 2.2.2.10 | . | . | 100.000 | 0.002 |
| 2.2.2.11 | . | . | 100.000 | 0.002 |
| 2.2.2.12 | . | . | 100.000 | 0.003 |
| 2.2.2.13 | . | . | 100.000 | 0.003 |

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|----------|---|---|---------|--------|
| 2.2.2.14 | . | . | 100.000 | 0.003 |
| 2.2.2.15 | . | . | 100.000 | 0.004 |
| 2.2.2.16 | . | . | 100.000 | 0.004 |
| 2.2.2.17 | . | . | 100.000 | 0.004 |
| 2.2.2.18 | . | . | 100.000 | 0.004 |
| 2.2.2.19 | . | . | 100.000 | 0.004 |
| 2.2.2.20 | . | . | 100.000 | 0.005 |
| 2.2.2.21 | . | . | 100.000 | 0.005 |
| 2.2.2.22 | . | . | 100.000 | 0.005 |
| 2.2.2.23 | . | . | 100.000 | 0.005 |
| 2.2.2.24 | . | . | 100.000 | 0.005 |
| 2.2.2.25 | . | . | 100.000 | 0.005 |
| 2.2.2.26 | . | . | 100.000 | 0.005 |
| 2.2.2.27 | . | . | 100.000 | 0.005 |
| 2.2.2.28 | . | . | 100.000 | -0.255 |
| 2.2.2.29 | . | . | 100.000 | 0.005 |
| 2.2.2.30 | . | . | 100.000 | EPS |
| 2.2.2.31 | . | . | 100.000 | EPS |
| 2.2.2.32 | . | . | 100.000 | EPS |
| 2.2.2.33 | . | . | 100.000 | EPS |
| 2.2.2.34 | . | . | 100.000 | EPS |
| 2.2.2.35 | . | . | 100.000 | EPS |
| 2.2.2.36 | . | . | 100.000 | EPS |
| 2.2.2.37 | . | . | 100.000 | EPS |
| 2.2.2.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-----|
| 2.2.2.39 | . | . | 100.000 | EPS |
| 2.2.2.40 | . | . | 100.000 | EPS |
| 2.2.2.41 | . | . | 100.000 | EPS |
| 2.2.2.42 | . | . | 100.000 | EPS |
| 2.2.2.43 | . | . | 100.000 | EPS |
| 2.2.2.44 | . | . | 100.000 | EPS |
| 2.2.2.45 | . | . | 100.000 | EPS |
| 2.2.2.46 | . | . | 100.000 | EPS |
| 2.2.2.47 | . | . | 100.000 | EPS |
| 2.2.2.48 | . | . | 100.000 | EPS |
| 2.2.2.49 | . | . | 100.000 | EPS |
| 2.2.2.50 | . | . | 100.000 | EPS |
| 2.3.1.1 | . | . | 100.000 | EPS |
| 2.3.1.2 | . | . | 100.000 | EPS |
| 2.3.1.3 | . | . | 100.000 | EPS |
| 2.3.1.4 | . | . | 100.000 | EPS |
| 2.3.1.5 | . | . | 100.000 | EPS |
| 2.3.1.6 | . | . | 100.000 | EPS |
| 2.3.1.7 | . | . | 100.000 | EPS |
| 2.3.1.8 | . | . | 100.000 | EPS |
| 2.3.1.9 | . | . | 100.000 | EPS |
| 2.3.1.10 | . | . | 100.000 | EPS |
| 2.3.1.11 | . | . | 100.000 | EPS |
| 2.3.1.12 | . | . | 100.000 | EPS |
| 2.3.1.13 | . | . | 100.000 | EPS |

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|----------|---|-------|---------|-----|
| 2.3.1.14 | . | . | 100.000 | EPS |
| 2.3.1.15 | . | . | 100.000 | EPS |
| 2.3.1.16 | . | . | 100.000 | EPS |
| 2.3.1.17 | . | . | 100.000 | EPS |
| 2.3.1.18 | . | . | 100.000 | EPS |
| 2.3.1.19 | . | . | 100.000 | EPS |
| 2.3.1.20 | . | . | 100.000 | EPS |
| 2.3.1.21 | . | . | 100.000 | EPS |
| 2.3.1.22 | . | . | 100.000 | EPS |
| 2.3.1.23 | . | . | 100.000 | EPS |
| 2.3.1.24 | . | . | 100.000 | EPS |
| 2.3.1.25 | . | . | 100.000 | EPS |
| 2.3.1.26 | . | . | 100.000 | EPS |
| 2.3.1.27 | . | 2.000 | 100.000 | EPS |
| 2.3.1.28 | . | 2.000 | 100.000 | EPS |
| 2.3.1.29 | . | 1.000 | 100.000 | EPS |
| 2.3.1.30 | . | 2.000 | 100.000 | EPS |
| 2.3.1.31 | . | 2.000 | 100.000 | EPS |
| 2.3.1.32 | . | 2.000 | 100.000 | EPS |
| 2.3.1.33 | . | 2.000 | 100.000 | EPS |
| 2.3.1.34 | . | 2.000 | 100.000 | EPS |
| 2.3.1.35 | . | 2.000 | 100.000 | EPS |
| 2.3.1.36 | . | 2.000 | 100.000 | EPS |
| 2.3.1.37 | . | 2.000 | 100.000 | EPS |
| 2.3.1.38 | . | 2.000 | 100.000 | EPS |

| | | | | |
|----------|---|-------|---------|-----|
| 2.3.1.39 | . | 2.000 | 100.000 | EPS |
| 2.3.1.40 | . | 2.000 | 100.000 | EPS |
| 2.3.1.41 | . | 2.000 | 100.000 | EPS |
| 2.3.1.42 | . | 2.000 | 100.000 | EPS |
| 2.3.1.43 | . | 2.000 | 100.000 | EPS |
| 2.3.1.44 | . | 2.000 | 100.000 | EPS |
| 2.3.1.45 | . | 2.000 | 100.000 | EPS |
| 2.3.1.46 | . | 2.000 | 100.000 | EPS |
| 2.3.1.47 | . | 2.000 | 100.000 | EPS |
| 2.3.1.48 | . | 2.000 | 100.000 | EPS |
| 2.3.1.49 | . | 2.000 | 100.000 | EPS |
| 2.3.1.50 | . | 2.000 | 100.000 | EPS |
| 2.3.2.1 | . | . | 100.000 | EPS |
| 2.3.2.2 | . | . | 100.000 | EPS |
| 2.3.2.3 | . | . | 100.000 | EPS |
| 2.3.2.4 | . | . | 100.000 | EPS |
| 2.3.2.5 | . | . | 100.000 | EPS |
| 2.3.2.6 | . | . | 100.000 | EPS |
| 2.3.2.7 | . | . | 100.000 | EPS |
| 2.3.2.8 | . | . | 100.000 | EPS |
| 2.3.2.9 | . | . | 100.000 | EPS |
| 2.3.2.10 | . | . | 100.000 | EPS |
| 2.3.2.11 | . | . | 100.000 | EPS |
| 2.3.2.12 | . | . | 100.000 | EPS |
| 2.3.2.13 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|-------|---------|--------|
| 2.3.2.14 | . | . | 100.000 | EPS |
| 2.3.2.15 | . | . | 100.000 | EPS |
| 2.3.2.16 | . | . | 100.000 | EPS |
| 2.3.2.17 | . | . | 100.000 | EPS |
| 2.3.2.18 | . | . | 100.000 | EPS |
| 2.3.2.19 | . | . | 100.000 | EPS |
| 2.3.2.20 | . | . | 100.000 | EPS |
| 2.3.2.21 | . | . | 100.000 | EPS |
| 2.3.2.22 | . | . | 100.000 | EPS |
| 2.3.2.23 | . | . | 100.000 | EPS |
| 2.3.2.24 | . | . | 100.000 | EPS |
| 2.3.2.25 | . | . | 100.000 | EPS |
| 2.3.2.26 | . | . | 100.000 | EPS |
| 2.3.2.27 | . | 2.000 | 100.000 | EPS |
| 2.3.2.28 | . | . | 100.000 | -0.260 |
| 2.3.2.29 | . | 2.000 | 100.000 | EPS |
| 2.3.2.30 | . | 2.000 | 100.000 | EPS |
| 2.3.2.31 | . | 2.000 | 100.000 | EPS |
| 2.3.2.32 | . | 2.000 | 100.000 | EPS |
| 2.3.2.33 | . | 2.000 | 100.000 | EPS |
| 2.3.2.34 | . | 2.000 | 100.000 | EPS |
| 2.3.2.35 | . | 2.000 | 100.000 | EPS |
| 2.3.2.36 | . | 2.000 | 100.000 | EPS |
| 2.3.2.37 | . | 2.000 | 100.000 | EPS |
| 2.3.2.38 | . | 2.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 2.3.2.39 | . | 2.000 | 100.000 | EPS |
| 2.3.2.40 | . | 2.000 | 100.000 | EPS |
| 2.3.2.41 | . | 2.000 | 100.000 | EPS |
| 2.3.2.42 | . | 2.000 | 100.000 | EPS |
| 2.3.2.43 | . | 2.000 | 100.000 | EPS |
| 2.3.2.44 | . | 2.000 | 100.000 | EPS |
| 2.3.2.45 | . | 2.000 | 100.000 | EPS |
| 2.3.2.46 | . | 2.000 | 100.000 | EPS |
| 2.3.2.47 | . | 2.000 | 100.000 | EPS |
| 2.3.2.48 | . | 2.000 | 100.000 | EPS |
| 2.3.2.49 | . | 2.000 | 100.000 | EPS |
| 2.3.2.50 | . | 2.000 | 100.000 | EPS |
| 2.4.1.1 | . | 1.000 | 100.000 | EPS |
| 2.4.1.2 | . | 2.000 | 100.000 | EPS |
| 2.4.1.3 | . | 3.000 | 100.000 | EPS |
| 2.4.1.4 | . | 4.000 | 100.000 | EPS |
| 2.4.1.5 | . | 5.000 | 100.000 | EPS |
| 2.4.1.6 | . | 6.000 | 100.000 | EPS |
| 2.4.1.7 | . | 7.000 | 100.000 | EPS |
| 2.4.1.8 | . | 8.000 | 100.000 | EPS |
| 2.4.1.9 | . | 9.000 | 100.000 | EPS |
| 2.4.1.10 | . | 10.000 | 100.000 | EPS |
| 2.4.1.11 | . | 11.000 | 100.000 | EPS |
| 2.4.1.12 | . | 12.000 | 100.000 | EPS |
| 2.4.1.13 | . | 13.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 2.4.1.14 | . | 14.000 | 100.000 | EPS |
| 2.4.1.15 | . | 15.000 | 100.000 | EPS |
| 2.4.1.16 | . | 16.000 | 100.000 | EPS |
| 2.4.1.17 | . | 17.000 | 100.000 | EPS |
| 2.4.1.18 | . | 18.000 | 100.000 | EPS |
| 2.4.1.19 | . | 19.000 | 100.000 | EPS |
| 2.4.1.20 | . | 20.000 | 100.000 | EPS |
| 2.4.1.21 | . | 21.000 | 100.000 | EPS |
| 2.4.1.22 | . | 22.000 | 100.000 | EPS |
| 2.4.1.23 | . | 23.000 | 100.000 | EPS |
| 2.4.1.24 | . | 24.000 | 100.000 | EPS |
| 2.4.1.25 | . | 25.000 | 100.000 | EPS |
| 2.4.1.26 | . | 26.000 | 100.000 | EPS |
| 2.4.1.27 | . | 25.000 | 100.000 | EPS |
| 2.4.1.28 | . | 26.000 | 100.000 | EPS |
| 2.4.1.29 | . | 28.000 | 100.000 | EPS |
| 2.4.1.30 | . | 28.000 | 100.000 | EPS |
| 2.4.1.31 | . | 28.000 | 100.000 | EPS |
| 2.4.1.32 | . | 28.000 | 100.000 | EPS |
| 2.4.1.33 | . | 28.000 | 100.000 | EPS |
| 2.4.1.34 | . | 28.000 | 100.000 | EPS |
| 2.4.1.35 | . | 28.000 | 100.000 | EPS |
| 2.4.1.36 | . | 28.000 | 100.000 | EPS |
| 2.4.1.37 | . | 28.000 | 100.000 | EPS |
| 2.4.1.38 | . | 28.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 2.4.1.39 | . | 28.000 | 100.000 | EPS |
| 2.4.1.40 | . | 28.000 | 100.000 | EPS |
| 2.4.1.41 | . | 28.000 | 100.000 | EPS |
| 2.4.1.42 | . | 28.000 | 100.000 | EPS |
| 2.4.1.43 | . | 28.000 | 100.000 | EPS |
| 2.4.1.44 | . | 28.000 | 100.000 | EPS |
| 2.4.1.45 | . | 28.000 | 100.000 | EPS |
| 2.4.1.46 | . | 28.000 | 100.000 | EPS |
| 2.4.1.47 | . | 28.000 | 100.000 | EPS |
| 2.4.1.48 | . | 28.000 | 100.000 | EPS |
| 2.4.1.49 | . | 28.000 | 100.000 | EPS |
| 2.4.1.50 | . | 28.000 | 100.000 | EPS |
| 2.4.2.1 | . | 1.000 | 100.000 | EPS |
| 2.4.2.2 | . | 2.000 | 100.000 | EPS |
| 2.4.2.3 | . | 3.000 | 100.000 | EPS |
| 2.4.2.4 | . | 4.000 | 100.000 | EPS |
| 2.4.2.5 | . | 5.000 | 100.000 | EPS |
| 2.4.2.6 | . | 6.000 | 100.000 | EPS |
| 2.4.2.7 | . | 7.000 | 100.000 | EPS |
| 2.4.2.8 | . | 8.000 | 100.000 | EPS |
| 2.4.2.9 | . | 9.000 | 100.000 | EPS |
| 2.4.2.10 | . | 10.000 | 100.000 | EPS |
| 2.4.2.11 | . | 11.000 | 100.000 | EPS |
| 2.4.2.12 | . | 12.000 | 100.000 | EPS |
| 2.4.2.13 | . | 13.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 2.4.2.14 | . | 14.000 | 100.000 | EPS |
| 2.4.2.15 | . | 15.000 | 100.000 | EPS |
| 2.4.2.16 | . | 16.000 | 100.000 | EPS |
| 2.4.2.17 | . | 17.000 | 100.000 | EPS |
| 2.4.2.18 | . | 18.000 | 100.000 | EPS |
| 2.4.2.19 | . | 19.000 | 100.000 | EPS |
| 2.4.2.20 | . | 20.000 | 100.000 | EPS |
| 2.4.2.21 | . | 21.000 | 100.000 | EPS |
| 2.4.2.22 | . | 22.000 | 100.000 | EPS |
| 2.4.2.23 | . | 23.000 | 100.000 | EPS |
| 2.4.2.24 | . | 24.000 | 100.000 | EPS |
| 2.4.2.25 | . | 25.000 | 100.000 | EPS |
| 2.4.2.26 | . | 26.000 | 100.000 | EPS |
| 2.4.2.27 | . | 25.000 | 100.000 | EPS |
| 2.4.2.28 | . | 28.000 | 100.000 | EPS |
| 2.4.2.29 | . | 27.000 | 100.000 | EPS |
| 2.4.2.30 | . | 28.000 | 100.000 | EPS |
| 2.4.2.31 | . | 28.000 | 100.000 | EPS |
| 2.4.2.32 | . | 28.000 | 100.000 | EPS |
| 2.4.2.33 | . | 28.000 | 100.000 | EPS |
| 2.4.2.34 | . | 28.000 | 100.000 | EPS |
| 2.4.2.35 | . | 28.000 | 100.000 | EPS |
| 2.4.2.36 | . | 28.000 | 100.000 | EPS |
| 2.4.2.37 | . | 28.000 | 100.000 | EPS |
| 2.4.2.38 | . | 28.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-------|
| 2.4.2.39 | . | 28.000 | 100.000 | EPS |
| 2.4.2.40 | . | 28.000 | 100.000 | EPS |
| 2.4.2.41 | . | 28.000 | 100.000 | EPS |
| 2.4.2.42 | . | 28.000 | 100.000 | EPS |
| 2.4.2.43 | . | 28.000 | 100.000 | EPS |
| 2.4.2.44 | . | 28.000 | 100.000 | EPS |
| 2.4.2.45 | . | 28.000 | 100.000 | EPS |
| 2.4.2.46 | . | 28.000 | 100.000 | EPS |
| 2.4.2.47 | . | 28.000 | 100.000 | EPS |
| 2.4.2.48 | . | 28.000 | 100.000 | EPS |
| 2.4.2.49 | . | 28.000 | 100.000 | EPS |
| 2.4.2.50 | . | 28.000 | 100.000 | EPS |
| 3.1.1.1 | . | . | 100.000 | 0.003 |
| 3.1.1.2 | . | . | 100.000 | 0.004 |
| 3.1.1.3 | . | . | 100.000 | 0.004 |
| 3.1.1.4 | . | . | 100.000 | 0.005 |
| 3.1.1.5 | . | . | 100.000 | 0.006 |
| 3.1.1.6 | . | . | 100.000 | 0.006 |
| 3.1.1.7 | . | . | 100.000 | 0.007 |
| 3.1.1.8 | . | . | 100.000 | 0.008 |
| 3.1.1.9 | . | . | 100.000 | 0.009 |
| 3.1.1.10 | . | . | 100.000 | 0.010 |
| 3.1.1.11 | . | . | 100.000 | 0.012 |
| 3.1.1.12 | . | . | 100.000 | 0.013 |
| 3.1.1.13 | . | . | 100.000 | 0.014 |

| | | | | |
|----------|---|---|---------|-------|
| 3.1.1.14 | . | . | 100.000 | 0.015 |
| 3.1.1.15 | . | . | 100.000 | 0.016 |
| 3.1.1.16 | . | . | 100.000 | 0.018 |
| 3.1.1.17 | . | . | 100.000 | 0.019 |
| 3.1.1.18 | . | . | 100.000 | 0.020 |
| 3.1.1.19 | . | . | 100.000 | 0.021 |
| 3.1.1.20 | . | . | 100.000 | 0.022 |
| 3.1.1.21 | . | . | 100.000 | 0.023 |
| 3.1.1.22 | . | . | 100.000 | 0.023 |
| 3.1.1.23 | . | . | 100.000 | 0.024 |
| 3.1.1.24 | . | . | 100.000 | 0.024 |
| 3.1.1.25 | . | . | 100.000 | 0.024 |
| 3.1.1.26 | . | . | 100.000 | 0.024 |
| 3.1.1.27 | . | . | 100.000 | 0.024 |
| 3.1.1.28 | . | . | 100.000 | 0.024 |
| 3.1.1.29 | . | . | 100.000 | EPS |
| 3.1.1.30 | . | . | 100.000 | EPS |
| 3.1.1.31 | . | . | 100.000 | EPS |
| 3.1.1.32 | . | . | 100.000 | EPS |
| 3.1.1.33 | . | . | 100.000 | EPS |
| 3.1.1.34 | . | . | 100.000 | EPS |
| 3.1.1.35 | . | . | 100.000 | EPS |
| 3.1.1.36 | . | . | 100.000 | EPS |
| 3.1.1.37 | . | . | 100.000 | EPS |
| 3.1.1.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-------|
| 3.1.1.39 | . | . | 100.000 | EPS |
| 3.1.1.40 | . | . | 100.000 | EPS |
| 3.1.1.41 | . | . | 100.000 | EPS |
| 3.1.1.42 | . | . | 100.000 | EPS |
| 3.1.1.43 | . | . | 100.000 | 0.008 |
| 3.1.1.44 | . | . | 100.000 | EPS |
| 3.1.1.45 | . | . | 100.000 | EPS |
| 3.1.1.46 | . | . | 100.000 | EPS |
| 3.1.1.47 | . | . | 100.000 | 0.005 |
| 3.1.1.48 | . | . | 100.000 | EPS |
| 3.1.1.49 | . | . | 100.000 | 0.004 |
| 3.1.1.50 | . | . | 100.000 | EPS |
| 3.1.2.1 | . | . | 100.000 | 0.001 |
| 3.1.2.2 | . | . | 100.000 | 0.002 |
| 3.1.2.3 | . | . | 100.000 | 0.002 |
| 3.1.2.4 | . | . | 100.000 | 0.002 |
| 3.1.2.5 | . | . | 100.000 | 0.002 |
| 3.1.2.6 | . | . | 100.000 | 0.003 |
| 3.1.2.7 | . | . | 100.000 | 0.003 |
| 3.1.2.8 | . | . | 100.000 | 0.004 |
| 3.1.2.9 | . | . | 100.000 | 0.004 |
| 3.1.2.10 | . | . | 100.000 | 0.004 |
| 3.1.2.11 | . | . | 100.000 | 0.005 |
| 3.1.2.12 | . | . | 100.000 | 0.006 |
| 3.1.2.13 | . | . | 100.000 | 0.006 |

| | | | | |
|----------|---|---|---------|-------|
| 3.1.2.14 | . | . | 100.000 | 0.007 |
| 3.1.2.15 | . | . | 100.000 | 0.007 |
| 3.1.2.16 | . | . | 100.000 | 0.008 |
| 3.1.2.17 | . | . | 100.000 | 0.008 |
| 3.1.2.18 | . | . | 100.000 | 0.009 |
| 3.1.2.19 | . | . | 100.000 | 0.009 |
| 3.1.2.20 | . | . | 100.000 | 0.009 |
| 3.1.2.21 | . | . | 100.000 | 0.010 |
| 3.1.2.22 | . | . | 100.000 | 0.010 |
| 3.1.2.23 | . | . | 100.000 | 0.010 |
| 3.1.2.24 | . | . | 100.000 | 0.010 |
| 3.1.2.25 | . | . | 100.000 | 0.010 |
| 3.1.2.26 | . | . | 100.000 | 0.010 |
| 3.1.2.27 | . | . | 100.000 | 0.010 |
| 3.1.2.28 | . | . | 100.000 | 0.010 |
| 3.1.2.29 | . | . | 100.000 | 0.010 |
| 3.1.2.30 | . | . | 100.000 | EPS |
| 3.1.2.31 | . | . | 100.000 | EPS |
| 3.1.2.32 | . | . | 100.000 | EPS |
| 3.1.2.33 | . | . | 100.000 | EPS |
| 3.1.2.34 | . | . | 100.000 | EPS |
| 3.1.2.35 | . | . | 100.000 | EPS |
| 3.1.2.36 | . | . | 100.000 | EPS |
| 3.1.2.37 | . | . | 100.000 | EPS |
| 3.1.2.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-------|
| 3.1.2.39 | . | . | 100.000 | EPS |
| 3.1.2.40 | . | . | 100.000 | EPS |
| 3.1.2.41 | . | . | 100.000 | EPS |
| 3.1.2.42 | . | . | 100.000 | EPS |
| 3.1.2.43 | . | . | 100.000 | 0.004 |
| 3.1.2.44 | . | . | 100.000 | EPS |
| 3.1.2.45 | . | . | 100.000 | 0.003 |
| 3.1.2.46 | . | . | 100.000 | EPS |
| 3.1.2.47 | . | . | 100.000 | 0.002 |
| 3.1.2.48 | . | . | 100.000 | EPS |
| 3.1.2.49 | . | . | 100.000 | 0.002 |
| 3.1.2.50 | . | . | 100.000 | EPS |
| 3.2.1.1 | . | . | 100.000 | 0.003 |
| 3.2.1.2 | . | . | 100.000 | 0.004 |
| 3.2.1.3 | . | . | 100.000 | 0.004 |
| 3.2.1.4 | . | . | 100.000 | 0.005 |
| 3.2.1.5 | . | . | 100.000 | 0.006 |
| 3.2.1.6 | . | . | 100.000 | 0.006 |
| 3.2.1.7 | . | . | 100.000 | 0.007 |
| 3.2.1.8 | . | . | 100.000 | 0.008 |
| 3.2.1.9 | . | . | 100.000 | 0.009 |
| 3.2.1.10 | . | . | 100.000 | 0.010 |
| 3.2.1.11 | . | . | 100.000 | 0.012 |
| 3.2.1.12 | . | . | 100.000 | 0.013 |
| 3.2.1.13 | . | . | 100.000 | 0.014 |

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|----------|---|---|---------|-------|
| 3.2.1.14 | . | . | 100.000 | 0.015 |
| 3.2.1.15 | . | . | 100.000 | 0.016 |
| 3.2.1.16 | . | . | 100.000 | 0.018 |
| 3.2.1.17 | . | . | 100.000 | 0.019 |
| 3.2.1.18 | . | . | 100.000 | 0.020 |
| 3.2.1.19 | . | . | 100.000 | 0.021 |
| 3.2.1.20 | . | . | 100.000 | 0.022 |
| 3.2.1.21 | . | . | 100.000 | 0.023 |
| 3.2.1.22 | . | . | 100.000 | 0.023 |
| 3.2.1.23 | . | . | 100.000 | 0.024 |
| 3.2.1.24 | . | . | 100.000 | 0.024 |
| 3.2.1.25 | . | . | 100.000 | 0.024 |
| 3.2.1.26 | . | . | 100.000 | 0.024 |
| 3.2.1.27 | . | . | 100.000 | 0.024 |
| 3.2.1.28 | . | . | 100.000 | 0.024 |
| 3.2.1.29 | . | . | 100.000 | EPS |
| 3.2.1.30 | . | . | 100.000 | EPS |
| 3.2.1.31 | . | . | 100.000 | EPS |
| 3.2.1.32 | . | . | 100.000 | EPS |
| 3.2.1.33 | . | . | 100.000 | EPS |
| 3.2.1.34 | . | . | 100.000 | EPS |
| 3.2.1.35 | . | . | 100.000 | EPS |
| 3.2.1.36 | . | . | 100.000 | EPS |
| 3.2.1.37 | . | . | 100.000 | EPS |
| 3.2.1.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-------|
| 3.2.1.39 | . | . | 100.000 | EPS |
| 3.2.1.40 | . | . | 100.000 | EPS |
| 3.2.1.41 | . | . | 100.000 | EPS |
| 3.2.1.42 | . | . | 100.000 | EPS |
| 3.2.1.43 | . | . | 100.000 | 0.008 |
| 3.2.1.44 | . | . | 100.000 | EPS |
| 3.2.1.45 | . | . | 100.000 | EPS |
| 3.2.1.46 | . | . | 100.000 | EPS |
| 3.2.1.47 | . | . | 100.000 | 0.005 |
| 3.2.1.48 | . | . | 100.000 | EPS |
| 3.2.1.49 | . | . | 100.000 | 0.004 |
| 3.2.1.50 | . | . | 100.000 | EPS |
| 3.2.2.1 | . | . | 100.000 | 0.001 |
| 3.2.2.2 | . | . | 100.000 | 0.002 |
| 3.2.2.3 | . | . | 100.000 | 0.002 |
| 3.2.2.4 | . | . | 100.000 | 0.002 |
| 3.2.2.5 | . | . | 100.000 | 0.002 |
| 3.2.2.6 | . | . | 100.000 | 0.003 |
| 3.2.2.7 | . | . | 100.000 | 0.003 |
| 3.2.2.8 | . | . | 100.000 | 0.004 |
| 3.2.2.9 | . | . | 100.000 | 0.004 |
| 3.2.2.10 | . | . | 100.000 | 0.004 |
| 3.2.2.11 | . | . | 100.000 | 0.005 |
| 3.2.2.12 | . | . | 100.000 | 0.006 |
| 3.2.2.13 | . | . | 100.000 | 0.006 |

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|----------|---|---|---------|-------|
| 3.2.2.14 | . | . | 100.000 | 0.007 |
| 3.2.2.15 | . | . | 100.000 | 0.007 |
| 3.2.2.16 | . | . | 100.000 | 0.008 |
| 3.2.2.17 | . | . | 100.000 | 0.008 |
| 3.2.2.18 | . | . | 100.000 | 0.009 |
| 3.2.2.19 | . | . | 100.000 | 0.009 |
| 3.2.2.20 | . | . | 100.000 | 0.009 |
| 3.2.2.21 | . | . | 100.000 | 0.010 |
| 3.2.2.22 | . | . | 100.000 | 0.010 |
| 3.2.2.23 | . | . | 100.000 | 0.010 |
| 3.2.2.24 | . | . | 100.000 | 0.010 |
| 3.2.2.25 | . | . | 100.000 | 0.010 |
| 3.2.2.26 | . | . | 100.000 | 0.010 |
| 3.2.2.27 | . | . | 100.000 | 0.010 |
| 3.2.2.28 | . | . | 100.000 | 0.010 |
| 3.2.2.29 | . | . | 100.000 | 0.010 |
| 3.2.2.30 | . | . | 100.000 | EPS |
| 3.2.2.31 | . | . | 100.000 | EPS |
| 3.2.2.32 | . | . | 100.000 | EPS |
| 3.2.2.33 | . | . | 100.000 | EPS |
| 3.2.2.34 | . | . | 100.000 | EPS |
| 3.2.2.35 | . | . | 100.000 | EPS |
| 3.2.2.36 | . | . | 100.000 | EPS |
| 3.2.2.37 | . | . | 100.000 | EPS |
| 3.2.2.38 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|---|---------|-------|
| 3.2.2.39 | . | . | 100.000 | EPS |
| 3.2.2.40 | . | . | 100.000 | EPS |
| 3.2.2.41 | . | . | 100.000 | EPS |
| 3.2.2.42 | . | . | 100.000 | EPS |
| 3.2.2.43 | . | . | 100.000 | 0.004 |
| 3.2.2.44 | . | . | 100.000 | EPS |
| 3.2.2.45 | . | . | 100.000 | 0.003 |
| 3.2.2.46 | . | . | 100.000 | EPS |
| 3.2.2.47 | . | . | 100.000 | 0.002 |
| 3.2.2.48 | . | . | 100.000 | EPS |
| 3.2.2.49 | . | . | 100.000 | 0.002 |
| 3.2.2.50 | . | . | 100.000 | EPS |
| 3.3.1.1 | . | . | 100.000 | EPS |
| 3.3.1.2 | . | . | 100.000 | EPS |
| 3.3.1.3 | . | . | 100.000 | EPS |
| 3.3.1.4 | . | . | 100.000 | EPS |
| 3.3.1.5 | . | . | 100.000 | EPS |
| 3.3.1.6 | . | . | 100.000 | EPS |
| 3.3.1.7 | . | . | 100.000 | EPS |
| 3.3.1.8 | . | . | 100.000 | EPS |
| 3.3.1.9 | . | . | 100.000 | EPS |
| 3.3.1.10 | . | . | 100.000 | EPS |
| 3.3.1.11 | . | . | 100.000 | EPS |
| 3.3.1.12 | . | . | 100.000 | EPS |
| 3.3.1.13 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 3.3.1.14 | . | . | 100.000 | EPS |
| 3.3.1.15 | . | 1.000 | 100.000 | EPS |
| 3.3.1.16 | . | 2.000 | 100.000 | EPS |
| 3.3.1.17 | . | 3.000 | 100.000 | EPS |
| 3.3.1.18 | . | 4.000 | 100.000 | EPS |
| 3.3.1.19 | . | 5.000 | 100.000 | EPS |
| 3.3.1.20 | . | 15.000 | 100.000 | EPS |
| 3.3.1.21 | . | 15.000 | 100.000 | EPS |
| 3.3.1.22 | . | 15.000 | 100.000 | EPS |
| 3.3.1.23 | . | 15.000 | 100.000 | EPS |
| 3.3.1.24 | . | 15.000 | 100.000 | EPS |
| 3.3.1.25 | . | 15.000 | 100.000 | EPS |
| 3.3.1.26 | . | 15.000 | 100.000 | EPS |
| 3.3.1.27 | . | 13.000 | 100.000 | EPS |
| 3.3.1.28 | . | 15.000 | 100.000 | EPS |
| 3.3.1.29 | . | 15.000 | 100.000 | EPS |
| 3.3.1.30 | . | 15.000 | 100.000 | EPS |
| 3.3.1.31 | . | 15.000 | 100.000 | EPS |
| 3.3.1.32 | . | 15.000 | 100.000 | EPS |
| 3.3.1.33 | . | 15.000 | 100.000 | EPS |
| 3.3.1.34 | . | 15.000 | 100.000 | EPS |
| 3.3.1.35 | . | 15.000 | 100.000 | EPS |
| 3.3.1.36 | . | 15.000 | 100.000 | EPS |
| 3.3.1.37 | . | 15.000 | 100.000 | EPS |
| 3.3.1.38 | . | 15.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 3.3.1.39 | . | 15.000 | 100.000 | EPS |
| 3.3.1.40 | . | 15.000 | 100.000 | EPS |
| 3.3.1.41 | . | 15.000 | 100.000 | EPS |
| 3.3.1.42 | . | 15.000 | 100.000 | EPS |
| 3.3.1.43 | . | 15.000 | 100.000 | EPS |
| 3.3.1.44 | . | 15.000 | 100.000 | EPS |
| 3.3.1.45 | . | 15.000 | 100.000 | EPS |
| 3.3.1.46 | . | 15.000 | 100.000 | EPS |
| 3.3.1.47 | . | 15.000 | 100.000 | EPS |
| 3.3.1.48 | . | 15.000 | 100.000 | EPS |
| 3.3.1.49 | . | 15.000 | 100.000 | EPS |
| 3.3.1.50 | . | 15.000 | 100.000 | EPS |
| 3.3.2.1 | . | . | 100.000 | EPS |
| 3.3.2.2 | . | . | 100.000 | EPS |
| 3.3.2.3 | . | . | 100.000 | EPS |
| 3.3.2.4 | . | . | 100.000 | EPS |
| 3.3.2.5 | . | . | 100.000 | EPS |
| 3.3.2.6 | . | . | 100.000 | EPS |
| 3.3.2.7 | . | . | 100.000 | EPS |
| 3.3.2.8 | . | . | 100.000 | EPS |
| 3.3.2.9 | . | . | 100.000 | EPS |
| 3.3.2.10 | . | . | 100.000 | EPS |
| 3.3.2.11 | . | . | 100.000 | EPS |
| 3.3.2.12 | . | . | 100.000 | EPS |
| 3.3.2.13 | . | . | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 3.3.2.14 | . | . | 100.000 | EPS |
| 3.3.2.15 | . | 1.000 | 100.000 | EPS |
| 3.3.2.16 | . | 2.000 | 100.000 | EPS |
| 3.3.2.17 | . | 3.000 | 100.000 | EPS |
| 3.3.2.18 | . | 4.000 | 100.000 | EPS |
| 3.3.2.19 | . | 5.000 | 100.000 | EPS |
| 3.3.2.20 | . | 6.000 | 100.000 | EPS |
| 3.3.2.21 | . | 15.000 | 100.000 | EPS |
| 3.3.2.22 | . | 15.000 | 100.000 | EPS |
| 3.3.2.23 | . | 15.000 | 100.000 | EPS |
| 3.3.2.24 | . | 15.000 | 100.000 | EPS |
| 3.3.2.25 | . | 15.000 | 100.000 | EPS |
| 3.3.2.26 | . | 15.000 | 100.000 | EPS |
| 3.3.2.27 | . | 15.000 | 100.000 | EPS |
| 3.3.2.28 | . | 15.000 | 100.000 | EPS |
| 3.3.2.29 | . | 15.000 | 100.000 | EPS |
| 3.3.2.30 | . | 15.000 | 100.000 | EPS |
| 3.3.2.31 | . | 15.000 | 100.000 | EPS |
| 3.3.2.32 | . | 15.000 | 100.000 | EPS |
| 3.3.2.33 | . | 15.000 | 100.000 | EPS |
| 3.3.2.34 | . | 15.000 | 100.000 | EPS |
| 3.3.2.35 | . | 15.000 | 100.000 | EPS |
| 3.3.2.36 | . | 15.000 | 100.000 | EPS |
| 3.3.2.37 | . | 15.000 | 100.000 | EPS |
| 3.3.2.38 | . | 15.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 3.3.2.39 | . | 15.000 | 100.000 | EPS |
| 3.3.2.40 | . | 15.000 | 100.000 | EPS |
| 3.3.2.41 | . | 15.000 | 100.000 | EPS |
| 3.3.2.42 | . | 15.000 | 100.000 | EPS |
| 3.3.2.43 | . | 15.000 | 100.000 | EPS |
| 3.3.2.44 | . | 15.000 | 100.000 | EPS |
| 3.3.2.45 | . | 15.000 | 100.000 | EPS |
| 3.3.2.46 | . | 15.000 | 100.000 | EPS |
| 3.3.2.47 | . | 15.000 | 100.000 | EPS |
| 3.3.2.48 | . | 15.000 | 100.000 | EPS |
| 3.3.2.49 | . | 15.000 | 100.000 | EPS |
| 3.3.2.50 | . | 15.000 | 100.000 | EPS |
| 3.4.1.1 | . | 1.000 | 100.000 | EPS |
| 3.4.1.2 | . | 2.000 | 100.000 | EPS |
| 3.4.1.3 | . | 3.000 | 100.000 | EPS |
| 3.4.1.4 | . | 4.000 | 100.000 | EPS |
| 3.4.1.5 | . | 5.000 | 100.000 | EPS |
| 3.4.1.6 | . | 6.000 | 100.000 | EPS |
| 3.4.1.7 | . | 7.000 | 100.000 | EPS |
| 3.4.1.8 | . | 8.000 | 100.000 | EPS |
| 3.4.1.9 | . | 9.000 | 100.000 | EPS |
| 3.4.1.10 | . | 10.000 | 100.000 | EPS |
| 3.4.1.11 | . | 11.000 | 100.000 | EPS |
| 3.4.1.12 | . | 12.000 | 100.000 | EPS |
| 3.4.1.13 | . | 13.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 3.4.1.14 | . | 14.000 | 100.000 | EPS |
| 3.4.1.15 | . | 14.000 | 100.000 | EPS |
| 3.4.1.16 | . | 14.000 | 100.000 | EPS |
| 3.4.1.17 | . | 14.000 | 100.000 | EPS |
| 3.4.1.18 | . | 14.000 | 100.000 | EPS |
| 3.4.1.19 | . | 14.000 | 100.000 | EPS |
| 3.4.1.20 | . | 5.000 | 100.000 | EPS |
| 3.4.1.21 | . | 6.000 | 100.000 | EPS |
| 3.4.1.22 | . | 7.000 | 100.000 | EPS |
| 3.4.1.23 | . | 8.000 | 100.000 | EPS |
| 3.4.1.24 | . | 9.000 | 100.000 | EPS |
| 3.4.1.25 | . | 10.000 | 100.000 | EPS |
| 3.4.1.26 | . | 11.000 | 100.000 | EPS |
| 3.4.1.27 | . | 14.000 | 100.000 | EPS |
| 3.4.1.28 | . | 13.000 | 100.000 | EPS |
| 3.4.1.29 | . | 14.000 | 100.000 | EPS |
| 3.4.1.30 | . | 14.000 | 100.000 | EPS |
| 3.4.1.31 | . | 14.000 | 100.000 | EPS |
| 3.4.1.32 | . | 14.000 | 100.000 | EPS |
| 3.4.1.33 | . | 14.000 | 100.000 | EPS |
| 3.4.1.34 | . | 14.000 | 100.000 | EPS |
| 3.4.1.35 | . | 14.000 | 100.000 | EPS |
| 3.4.1.36 | . | 14.000 | 100.000 | EPS |
| 3.4.1.37 | . | 14.000 | 100.000 | EPS |
| 3.4.1.38 | . | 14.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 3.4.1.39 | . | 14.000 | 100.000 | EPS |
| 3.4.1.40 | . | 14.000 | 100.000 | EPS |
| 3.4.1.41 | . | 14.000 | 100.000 | EPS |
| 3.4.1.42 | . | 14.000 | 100.000 | EPS |
| 3.4.1.43 | . | 14.000 | 100.000 | EPS |
| 3.4.1.44 | . | 14.000 | 100.000 | EPS |
| 3.4.1.45 | . | 14.000 | 100.000 | EPS |
| 3.4.1.46 | . | 14.000 | 100.000 | EPS |
| 3.4.1.47 | . | 14.000 | 100.000 | EPS |
| 3.4.1.48 | . | 14.000 | 100.000 | EPS |
| 3.4.1.49 | . | 14.000 | 100.000 | EPS |
| 3.4.1.50 | . | 14.000 | 100.000 | EPS |
| 3.4.2.1 | . | 1.000 | 100.000 | EPS |
| 3.4.2.2 | . | 2.000 | 100.000 | EPS |
| 3.4.2.3 | . | 3.000 | 100.000 | EPS |
| 3.4.2.4 | . | 4.000 | 100.000 | EPS |
| 3.4.2.5 | . | 5.000 | 100.000 | EPS |
| 3.4.2.6 | . | 6.000 | 100.000 | EPS |
| 3.4.2.7 | . | 7.000 | 100.000 | EPS |
| 3.4.2.8 | . | 8.000 | 100.000 | EPS |
| 3.4.2.9 | . | 9.000 | 100.000 | EPS |
| 3.4.2.10 | . | 10.000 | 100.000 | EPS |
| 3.4.2.11 | . | 11.000 | 100.000 | EPS |
| 3.4.2.12 | . | 12.000 | 100.000 | EPS |
| 3.4.2.13 | . | 13.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 3.4.2.14 | . | 14.000 | 100.000 | EPS |
| 3.4.2.15 | . | 14.000 | 100.000 | EPS |
| 3.4.2.16 | . | 14.000 | 100.000 | EPS |
| 3.4.2.17 | . | 14.000 | 100.000 | EPS |
| 3.4.2.18 | . | 14.000 | 100.000 | EPS |
| 3.4.2.19 | . | 14.000 | 100.000 | EPS |
| 3.4.2.20 | . | 14.000 | 100.000 | EPS |
| 3.4.2.21 | . | 6.000 | 100.000 | EPS |
| 3.4.2.22 | . | 7.000 | 100.000 | EPS |
| 3.4.2.23 | . | 8.000 | 100.000 | EPS |
| 3.4.2.24 | . | 9.000 | 100.000 | EPS |
| 3.4.2.25 | . | 10.000 | 100.000 | EPS |
| 3.4.2.26 | . | 11.000 | 100.000 | EPS |
| 3.4.2.27 | . | 12.000 | 100.000 | EPS |
| 3.4.2.28 | . | 13.000 | 100.000 | EPS |
| 3.4.2.29 | . | 14.000 | 100.000 | EPS |
| 3.4.2.30 | . | 14.000 | 100.000 | EPS |
| 3.4.2.31 | . | 14.000 | 100.000 | EPS |
| 3.4.2.32 | . | 14.000 | 100.000 | EPS |
| 3.4.2.33 | . | 14.000 | 100.000 | EPS |
| 3.4.2.34 | . | 14.000 | 100.000 | EPS |
| 3.4.2.35 | . | 14.000 | 100.000 | EPS |
| 3.4.2.36 | . | 14.000 | 100.000 | EPS |
| 3.4.2.37 | . | 14.000 | 100.000 | EPS |
| 3.4.2.38 | . | 14.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-----|
| 3.4.2.39 | . | 14.000 | 100.000 | EPS |
| 3.4.2.40 | . | 14.000 | 100.000 | EPS |
| 3.4.2.41 | . | 14.000 | 100.000 | EPS |
| 3.4.2.42 | . | 14.000 | 100.000 | EPS |
| 3.4.2.43 | . | 14.000 | 100.000 | EPS |
| 3.4.2.44 | . | 14.000 | 100.000 | EPS |
| 3.4.2.45 | . | 14.000 | 100.000 | EPS |
| 3.4.2.46 | . | 14.000 | 100.000 | EPS |
| 3.4.2.47 | . | 14.000 | 100.000 | EPS |
| 3.4.2.48 | . | 14.000 | 100.000 | EPS |
| 3.4.2.49 | . | 14.000 | 100.000 | EPS |
| 3.4.2.50 | . | 14.000 | 100.000 | EPS |

---- VAR XO on-demand usage

| | LOWER | LEVEL | UPPER | MARGINAL |
|--|-------|-------|-------|----------|
|--|-------|-------|-------|----------|

| | | | | |
|---------|---|---|---------|-------|
| 1.1.1.1 | . | . | 100.000 | 0.045 |
| 1.1.1.2 | . | . | 100.000 | 0.053 |
| 1.1.1.3 | . | . | 100.000 | 0.063 |
| 1.1.1.4 | . | . | 100.000 | 0.073 |
| 1.1.1.5 | . | . | 100.000 | 0.084 |
| 1.1.1.6 | . | . | 100.000 | 0.097 |
| 1.1.1.7 | . | . | 100.000 | 0.110 |
| 1.1.1.8 | . | . | 100.000 | 0.125 |

| | | | | |
|----------|---|-------|---------|-------|
| 1.1.1.9 | . | . | 100.000 | 0.141 |
| 1.1.1.10 | . | . | 100.000 | 0.157 |
| 1.1.1.11 | . | . | 100.000 | 0.175 |
| 1.1.1.12 | . | . | 100.000 | 0.193 |
| 1.1.1.13 | . | . | 100.000 | 0.211 |
| 1.1.1.14 | . | . | 100.000 | 0.229 |
| 1.1.1.15 | . | . | 100.000 | 0.247 |
| 1.1.1.16 | . | . | 100.000 | 0.265 |
| 1.1.1.17 | . | . | 100.000 | 0.282 |
| 1.1.1.18 | . | . | 100.000 | 0.298 |
| 1.1.1.19 | . | . | 100.000 | 0.313 |
| 1.1.1.20 | . | . | 100.000 | 0.326 |
| 1.1.1.21 | . | . | 100.000 | 0.338 |
| 1.1.1.22 | . | . | 100.000 | 0.347 |
| 1.1.1.23 | . | . | 100.000 | 0.355 |
| 1.1.1.24 | . | . | 100.000 | 0.360 |
| 1.1.1.25 | . | . | 100.000 | 0.362 |
| 1.1.1.26 | . | . | 100.000 | 0.362 |
| 1.1.1.27 | . | . | 100.000 | 0.360 |
| 1.1.1.28 | . | . | 100.000 | 0.355 |
| 1.1.1.29 | . | . | 100.000 | 0.301 |
| 1.1.1.30 | . | 1.000 | 100.000 | EPS |
| 1.1.1.31 | . | 2.000 | 100.000 | EPS |
| 1.1.1.32 | . | 3.000 | 100.000 | EPS |
| 1.1.1.33 | . | 4.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-------|
| 1.1.1.34 | . | 5.000 | 100.000 | EPS |
| 1.1.1.35 | . | 6.000 | 100.000 | EPS |
| 1.1.1.36 | . | 7.000 | 100.000 | EPS |
| 1.1.1.37 | . | 8.000 | 100.000 | EPS |
| 1.1.1.38 | . | 9.000 | 100.000 | EPS |
| 1.1.1.39 | . | 10.000 | 100.000 | EPS |
| 1.1.1.40 | . | 11.000 | 100.000 | EPS |
| 1.1.1.41 | . | 12.000 | 100.000 | EPS |
| 1.1.1.42 | . | 13.000 | 100.000 | EPS |
| 1.1.1.43 | . | 14.000 | 100.000 | EPS |
| 1.1.1.44 | . | 15.000 | 100.000 | EPS |
| 1.1.1.45 | . | 16.000 | 100.000 | EPS |
| 1.1.1.46 | . | 17.000 | 100.000 | EPS |
| 1.1.1.47 | . | 18.000 | 100.000 | EPS |
| 1.1.1.48 | . | 19.000 | 100.000 | EPS |
| 1.1.1.49 | . | 20.000 | 100.000 | EPS |
| 1.1.1.50 | . | 21.000 | 100.000 | EPS |
| 1.1.2.1 | . | . | 100.000 | 0.026 |
| 1.1.2.2 | . | . | 100.000 | 0.030 |
| 1.1.2.3 | . | . | 100.000 | 0.035 |
| 1.1.2.4 | . | . | 100.000 | 0.041 |
| 1.1.2.5 | . | . | 100.000 | 0.048 |
| 1.1.2.6 | . | . | 100.000 | 0.055 |
| 1.1.2.7 | . | . | 100.000 | 0.062 |
| 1.1.2.8 | . | . | 100.000 | 0.071 |

| | | | | |
|----------|---|-------|---------|--------|
| 1.1.2.9 | . | . | 100.000 | 0.080 |
| 1.1.2.10 | . | . | 100.000 | 0.089 |
| 1.1.2.11 | . | . | 100.000 | 0.099 |
| 1.1.2.12 | . | . | 100.000 | 0.109 |
| 1.1.2.13 | . | . | 100.000 | 0.119 |
| 1.1.2.14 | . | . | 100.000 | 0.130 |
| 1.1.2.15 | . | . | 100.000 | 0.140 |
| 1.1.2.16 | . | . | 100.000 | 0.150 |
| 1.1.2.17 | . | . | 100.000 | 0.160 |
| 1.1.2.18 | . | . | 100.000 | 0.169 |
| 1.1.2.19 | . | . | 100.000 | 0.177 |
| 1.1.2.20 | . | . | 100.000 | 0.185 |
| 1.1.2.21 | . | . | 100.000 | 0.191 |
| 1.1.2.22 | . | . | 100.000 | 0.197 |
| 1.1.2.23 | . | . | 100.000 | 0.201 |
| 1.1.2.24 | . | . | 100.000 | 0.204 |
| 1.1.2.25 | . | . | 100.000 | 0.205 |
| 1.1.2.26 | . | . | 100.000 | 0.205 |
| 1.1.2.27 | . | . | 100.000 | 0.204 |
| 1.1.2.28 | . | . | 100.000 | 0.201 |
| 1.1.2.29 | . | . | 100.000 | -0.107 |
| 1.1.2.30 | . | 1.000 | 100.000 | EPS |
| 1.1.2.31 | . | 2.000 | 100.000 | EPS |
| 1.1.2.32 | . | 3.000 | 100.000 | EPS |
| 1.1.2.33 | . | 4.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-------|
| 1.1.2.34 | . | 5.000 | 100.000 | EPS |
| 1.1.2.35 | . | 6.000 | 100.000 | EPS |
| 1.1.2.36 | . | 7.000 | 100.000 | EPS |
| 1.1.2.37 | . | 8.000 | 100.000 | EPS |
| 1.1.2.38 | . | 9.000 | 100.000 | EPS |
| 1.1.2.39 | . | 10.000 | 100.000 | EPS |
| 1.1.2.40 | . | 11.000 | 100.000 | EPS |
| 1.1.2.41 | . | 12.000 | 100.000 | EPS |
| 1.1.2.42 | . | 13.000 | 100.000 | EPS |
| 1.1.2.43 | . | 14.000 | 100.000 | EPS |
| 1.1.2.44 | . | 15.000 | 100.000 | EPS |
| 1.1.2.45 | . | 16.000 | 100.000 | EPS |
| 1.1.2.46 | . | 17.000 | 100.000 | EPS |
| 1.1.2.47 | . | 18.000 | 100.000 | EPS |
| 1.1.2.48 | . | 19.000 | 100.000 | EPS |
| 1.1.2.49 | . | 20.000 | 100.000 | EPS |
| 1.1.2.50 | . | 21.000 | 100.000 | EPS |
| 1.2.1.1 | . | . | 100.000 | 0.055 |
| 1.2.1.2 | . | . | 100.000 | 0.065 |
| 1.2.1.3 | . | . | 100.000 | 0.076 |
| 1.2.1.4 | . | . | 100.000 | 0.089 |
| 1.2.1.5 | . | . | 100.000 | 0.103 |
| 1.2.1.6 | . | . | 100.000 | 0.118 |
| 1.2.1.7 | . | . | 100.000 | 0.134 |
| 1.2.1.8 | . | . | 100.000 | 0.152 |

| | | | | |
|----------|---|---|---------|-------|
| 1.2.1.9 | . | . | 100.000 | 0.171 |
| 1.2.1.10 | . | . | 100.000 | 0.192 |
| 1.2.1.11 | . | . | 100.000 | 0.213 |
| 1.2.1.12 | . | . | 100.000 | 0.234 |
| 1.2.1.13 | . | . | 100.000 | 0.256 |
| 1.2.1.14 | . | . | 100.000 | 0.279 |
| 1.2.1.15 | . | . | 100.000 | 0.301 |
| 1.2.1.16 | . | . | 100.000 | 0.322 |
| 1.2.1.17 | . | . | 100.000 | 0.343 |
| 1.2.1.18 | . | . | 100.000 | 0.363 |
| 1.2.1.19 | . | . | 100.000 | 0.381 |
| 1.2.1.20 | . | . | 100.000 | 0.397 |
| 1.2.1.21 | . | . | 100.000 | 0.411 |
| 1.2.1.22 | . | . | 100.000 | 0.423 |
| 1.2.1.23 | . | . | 100.000 | 0.432 |
| 1.2.1.24 | . | . | 100.000 | 0.438 |
| 1.2.1.25 | . | . | 100.000 | 0.441 |
| 1.2.1.26 | . | . | 100.000 | 0.441 |
| 1.2.1.27 | . | . | 100.000 | 0.438 |
| 1.2.1.28 | . | . | 100.000 | 0.432 |
| 1.2.1.29 | . | . | 100.000 | 0.376 |
| 1.2.1.30 | . | . | 100.000 | 0.073 |
| 1.2.1.31 | . | . | 100.000 | 0.071 |
| 1.2.1.32 | . | . | 100.000 | 0.068 |
| 1.2.1.33 | . | . | 100.000 | 0.065 |

| | | | | |
|----------|---|---|---------|-------|
| 1.2.1.34 | . | . | 100.000 | 0.061 |
| 1.2.1.35 | . | . | 100.000 | 0.057 |
| 1.2.1.36 | . | . | 100.000 | 0.054 |
| 1.2.1.37 | . | . | 100.000 | 0.050 |
| 1.2.1.38 | . | . | 100.000 | 0.046 |
| 1.2.1.39 | . | . | 100.000 | 0.021 |
| 1.2.1.40 | . | . | 100.000 | 0.019 |
| 1.2.1.41 | . | . | 100.000 | 0.017 |
| 1.2.1.42 | . | . | 100.000 | 0.015 |
| 1.2.1.43 | . | . | 100.000 | 0.027 |
| 1.2.1.44 | . | . | 100.000 | 0.012 |
| 1.2.1.45 | . | . | 100.000 | 0.009 |
| 1.2.1.46 | . | . | 100.000 | 0.009 |
| 1.2.1.47 | . | . | 100.000 | 0.016 |
| 1.2.1.48 | . | . | 100.000 | 0.007 |
| 1.2.1.49 | . | . | 100.000 | 0.012 |
| 1.2.1.50 | . | . | 100.000 | 0.005 |
| 1.2.2.1 | . | . | 100.000 | 0.030 |
| 1.2.2.2 | . | . | 100.000 | 0.035 |
| 1.2.2.3 | . | . | 100.000 | 0.041 |
| 1.2.2.4 | . | . | 100.000 | 0.048 |
| 1.2.2.5 | . | . | 100.000 | 0.055 |
| 1.2.2.6 | . | . | 100.000 | 0.064 |
| 1.2.2.7 | . | . | 100.000 | 0.073 |
| 1.2.2.8 | . | . | 100.000 | 0.082 |

| | | | | |
|----------|---|---|---------|--------|
| 1.2.2.9 | . | . | 100.000 | 0.093 |
| 1.2.2.10 | . | . | 100.000 | 0.104 |
| 1.2.2.11 | . | . | 100.000 | 0.115 |
| 1.2.2.12 | . | . | 100.000 | 0.127 |
| 1.2.2.13 | . | . | 100.000 | 0.139 |
| 1.2.2.14 | . | . | 100.000 | 0.151 |
| 1.2.2.15 | . | . | 100.000 | 0.163 |
| 1.2.2.16 | . | . | 100.000 | 0.175 |
| 1.2.2.17 | . | . | 100.000 | 0.186 |
| 1.2.2.18 | . | . | 100.000 | 0.196 |
| 1.2.2.19 | . | . | 100.000 | 0.206 |
| 1.2.2.20 | . | . | 100.000 | 0.215 |
| 1.2.2.21 | . | . | 100.000 | 0.223 |
| 1.2.2.22 | . | . | 100.000 | 0.229 |
| 1.2.2.23 | . | . | 100.000 | 0.234 |
| 1.2.2.24 | . | . | 100.000 | 0.237 |
| 1.2.2.25 | . | . | 100.000 | 0.239 |
| 1.2.2.26 | . | . | 100.000 | 0.239 |
| 1.2.2.27 | . | . | 100.000 | 0.237 |
| 1.2.2.28 | . | . | 100.000 | 0.234 |
| 1.2.2.29 | . | . | 100.000 | -0.075 |
| 1.2.2.30 | . | . | 100.000 | 0.031 |
| 1.2.2.31 | . | . | 100.000 | 0.030 |
| 1.2.2.32 | . | . | 100.000 | 0.029 |
| 1.2.2.33 | . | . | 100.000 | 0.028 |

| | | | | |
|----------|---|---|---------|-------|
| 1.2.2.34 | . | . | 100.000 | 0.026 |
| 1.2.2.35 | . | . | 100.000 | 0.025 |
| 1.2.2.36 | . | . | 100.000 | 0.023 |
| 1.2.2.37 | . | . | 100.000 | 0.021 |
| 1.2.2.38 | . | . | 100.000 | 0.020 |
| 1.2.2.39 | . | . | 100.000 | 0.009 |
| 1.2.2.40 | . | . | 100.000 | 0.008 |
| 1.2.2.41 | . | . | 100.000 | 0.007 |
| 1.2.2.42 | . | . | 100.000 | 0.007 |
| 1.2.2.43 | . | . | 100.000 | 0.012 |
| 1.2.2.44 | . | . | 100.000 | 0.005 |
| 1.2.2.45 | . | . | 100.000 | 0.009 |
| 1.2.2.46 | . | . | 100.000 | 0.004 |
| 1.2.2.47 | . | . | 100.000 | 0.007 |
| 1.2.2.48 | . | . | 100.000 | 0.003 |
| 1.2.2.49 | . | . | 100.000 | 0.005 |
| 1.2.2.50 | . | . | 100.000 | 0.002 |
| 1.3.1.1 | . | . | 100.000 | 0.055 |
| 1.3.1.2 | . | . | 100.000 | 0.065 |
| 1.3.1.3 | . | . | 100.000 | 0.076 |
| 1.3.1.4 | . | . | 100.000 | 0.089 |
| 1.3.1.5 | . | . | 100.000 | 0.103 |
| 1.3.1.6 | . | . | 100.000 | 0.118 |
| 1.3.1.7 | . | . | 100.000 | 0.134 |
| 1.3.1.8 | . | . | 100.000 | 0.152 |

| | | | | |
|----------|---|---|---------|-------|
| 1.3.1.9 | . | . | 100.000 | 0.171 |
| 1.3.1.10 | . | . | 100.000 | 0.192 |
| 1.3.1.11 | . | . | 100.000 | 0.213 |
| 1.3.1.12 | . | . | 100.000 | 0.234 |
| 1.3.1.13 | . | . | 100.000 | 0.256 |
| 1.3.1.14 | . | . | 100.000 | 0.279 |
| 1.3.1.15 | . | . | 100.000 | 0.301 |
| 1.3.1.16 | . | . | 100.000 | 0.322 |
| 1.3.1.17 | . | . | 100.000 | 0.343 |
| 1.3.1.18 | . | . | 100.000 | 0.363 |
| 1.3.1.19 | . | . | 100.000 | 0.381 |
| 1.3.1.20 | . | . | 100.000 | 0.397 |
| 1.3.1.21 | . | . | 100.000 | 0.411 |
| 1.3.1.22 | . | . | 100.000 | 0.423 |
| 1.3.1.23 | . | . | 100.000 | 0.432 |
| 1.3.1.24 | . | . | 100.000 | 0.438 |
| 1.3.1.25 | . | . | 100.000 | 0.441 |
| 1.3.1.26 | . | . | 100.000 | 0.441 |
| 1.3.1.27 | . | . | 100.000 | 0.438 |
| 1.3.1.28 | . | . | 100.000 | 0.432 |
| 1.3.1.29 | . | . | 100.000 | 0.376 |
| 1.3.1.30 | . | . | 100.000 | 0.073 |
| 1.3.1.31 | . | . | 100.000 | 0.071 |
| 1.3.1.32 | . | . | 100.000 | 0.068 |
| 1.3.1.33 | . | . | 100.000 | 0.065 |

| | | | | |
|----------|---|---|---------|-------|
| 1.3.1.34 | . | . | 100.000 | 0.061 |
| 1.3.1.35 | . | . | 100.000 | 0.057 |
| 1.3.1.36 | . | . | 100.000 | 0.054 |
| 1.3.1.37 | . | . | 100.000 | 0.050 |
| 1.3.1.38 | . | . | 100.000 | 0.046 |
| 1.3.1.39 | . | . | 100.000 | 0.021 |
| 1.3.1.40 | . | . | 100.000 | 0.019 |
| 1.3.1.41 | . | . | 100.000 | 0.017 |
| 1.3.1.42 | . | . | 100.000 | 0.015 |
| 1.3.1.43 | . | . | 100.000 | 0.027 |
| 1.3.1.44 | . | . | 100.000 | 0.012 |
| 1.3.1.45 | . | . | 100.000 | 0.009 |
| 1.3.1.46 | . | . | 100.000 | 0.009 |
| 1.3.1.47 | . | . | 100.000 | 0.016 |
| 1.3.1.48 | . | . | 100.000 | 0.007 |
| 1.3.1.49 | . | . | 100.000 | 0.012 |
| 1.3.1.50 | . | . | 100.000 | 0.005 |
| 1.3.2.1 | . | . | 100.000 | 0.030 |
| 1.3.2.2 | . | . | 100.000 | 0.035 |
| 1.3.2.3 | . | . | 100.000 | 0.041 |
| 1.3.2.4 | . | . | 100.000 | 0.048 |
| 1.3.2.5 | . | . | 100.000 | 0.055 |
| 1.3.2.6 | . | . | 100.000 | 0.064 |
| 1.3.2.7 | . | . | 100.000 | 0.073 |
| 1.3.2.8 | . | . | 100.000 | 0.082 |

| | | | | |
|----------|---|---|---------|--------|
| 1.3.2.9 | . | . | 100.000 | 0.093 |
| 1.3.2.10 | . | . | 100.000 | 0.104 |
| 1.3.2.11 | . | . | 100.000 | 0.115 |
| 1.3.2.12 | . | . | 100.000 | 0.127 |
| 1.3.2.13 | . | . | 100.000 | 0.139 |
| 1.3.2.14 | . | . | 100.000 | 0.151 |
| 1.3.2.15 | . | . | 100.000 | 0.163 |
| 1.3.2.16 | . | . | 100.000 | 0.175 |
| 1.3.2.17 | . | . | 100.000 | 0.186 |
| 1.3.2.18 | . | . | 100.000 | 0.196 |
| 1.3.2.19 | . | . | 100.000 | 0.206 |
| 1.3.2.20 | . | . | 100.000 | 0.215 |
| 1.3.2.21 | . | . | 100.000 | 0.223 |
| 1.3.2.22 | . | . | 100.000 | 0.229 |
| 1.3.2.23 | . | . | 100.000 | 0.234 |
| 1.3.2.24 | . | . | 100.000 | 0.237 |
| 1.3.2.25 | . | . | 100.000 | 0.239 |
| 1.3.2.26 | . | . | 100.000 | 0.239 |
| 1.3.2.27 | . | . | 100.000 | 0.237 |
| 1.3.2.28 | . | . | 100.000 | 0.234 |
| 1.3.2.29 | . | . | 100.000 | -0.075 |
| 1.3.2.30 | . | . | 100.000 | 0.031 |
| 1.3.2.31 | . | . | 100.000 | 0.030 |
| 1.3.2.32 | . | . | 100.000 | 0.029 |
| 1.3.2.33 | . | . | 100.000 | 0.028 |

| | | | | |
|----------|---|---|---------|-------|
| 1.3.2.34 | . | . | 100.000 | 0.026 |
| 1.3.2.35 | . | . | 100.000 | 0.025 |
| 1.3.2.36 | . | . | 100.000 | 0.023 |
| 1.3.2.37 | . | . | 100.000 | 0.021 |
| 1.3.2.38 | . | . | 100.000 | 0.020 |
| 1.3.2.39 | . | . | 100.000 | 0.009 |
| 1.3.2.40 | . | . | 100.000 | 0.008 |
| 1.3.2.41 | . | . | 100.000 | 0.007 |
| 1.3.2.42 | . | . | 100.000 | 0.007 |
| 1.3.2.43 | . | . | 100.000 | 0.012 |
| 1.3.2.44 | . | . | 100.000 | 0.005 |
| 1.3.2.45 | . | . | 100.000 | 0.009 |
| 1.3.2.46 | . | . | 100.000 | 0.004 |
| 1.3.2.47 | . | . | 100.000 | 0.007 |
| 1.3.2.48 | . | . | 100.000 | 0.003 |
| 1.3.2.49 | . | . | 100.000 | 0.005 |
| 1.3.2.50 | . | . | 100.000 | 0.002 |
| 1.4.1.1 | . | . | 100.000 | 0.065 |
| 1.4.1.2 | . | . | 100.000 | 0.076 |
| 1.4.1.3 | . | . | 100.000 | 0.090 |
| 1.4.1.4 | . | . | 100.000 | 0.104 |
| 1.4.1.5 | . | . | 100.000 | 0.121 |
| 1.4.1.6 | . | . | 100.000 | 0.139 |
| 1.4.1.7 | . | . | 100.000 | 0.158 |
| 1.4.1.8 | . | . | 100.000 | 0.179 |

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|----------|---|---|---------|-------|
| 1.4.1.9 | . | . | 100.000 | 0.202 |
| 1.4.1.10 | . | . | 100.000 | 0.226 |
| 1.4.1.11 | . | . | 100.000 | 0.250 |
| 1.4.1.12 | . | . | 100.000 | 0.276 |
| 1.4.1.13 | . | . | 100.000 | 0.302 |
| 1.4.1.14 | . | . | 100.000 | 0.328 |
| 1.4.1.15 | . | . | 100.000 | 0.354 |
| 1.4.1.16 | . | . | 100.000 | 0.380 |
| 1.4.1.17 | . | . | 100.000 | 0.404 |
| 1.4.1.18 | . | . | 100.000 | 0.427 |
| 1.4.1.19 | . | . | 100.000 | 0.449 |
| 1.4.1.20 | . | . | 100.000 | 0.468 |
| 1.4.1.21 | . | . | 100.000 | 0.484 |
| 1.4.1.22 | . | . | 100.000 | 0.498 |
| 1.4.1.23 | . | . | 100.000 | 0.508 |
| 1.4.1.24 | . | . | 100.000 | 0.516 |
| 1.4.1.25 | . | . | 100.000 | 0.519 |
| 1.4.1.26 | . | . | 100.000 | 0.519 |
| 1.4.1.27 | . | . | 100.000 | 0.516 |
| 1.4.1.28 | . | . | 100.000 | 0.508 |
| 1.4.1.29 | . | . | 100.000 | 0.452 |
| 1.4.1.30 | . | . | 100.000 | 0.146 |
| 1.4.1.31 | . | . | 100.000 | 0.141 |
| 1.4.1.32 | . | . | 100.000 | 0.136 |
| 1.4.1.33 | . | . | 100.000 | 0.129 |

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|----------|---|---|---------|-------|
| 1.4.1.34 | . | . | 100.000 | 0.122 |
| 1.4.1.35 | . | . | 100.000 | 0.115 |
| 1.4.1.36 | . | . | 100.000 | 0.107 |
| 1.4.1.37 | . | . | 100.000 | 0.099 |
| 1.4.1.38 | . | . | 100.000 | 0.091 |
| 1.4.1.39 | . | . | 100.000 | 0.063 |
| 1.4.1.40 | . | . | 100.000 | 0.057 |
| 1.4.1.41 | . | . | 100.000 | 0.051 |
| 1.4.1.42 | . | . | 100.000 | 0.046 |
| 1.4.1.43 | . | . | 100.000 | 0.054 |
| 1.4.1.44 | . | . | 100.000 | 0.036 |
| 1.4.1.45 | . | . | 100.000 | 0.030 |
| 1.4.1.46 | . | . | 100.000 | 0.028 |
| 1.4.1.47 | . | . | 100.000 | 0.032 |
| 1.4.1.48 | . | . | 100.000 | 0.020 |
| 1.4.1.49 | . | . | 100.000 | 0.023 |
| 1.4.1.50 | . | . | 100.000 | 0.015 |
| 1.4.2.1 | . | . | 100.000 | 0.034 |
| 1.4.2.2 | . | . | 100.000 | 0.040 |
| 1.4.2.3 | . | . | 100.000 | 0.047 |
| 1.4.2.4 | . | . | 100.000 | 0.055 |
| 1.4.2.5 | . | . | 100.000 | 0.063 |
| 1.4.2.6 | . | . | 100.000 | 0.073 |
| 1.4.2.7 | . | . | 100.000 | 0.083 |
| 1.4.2.8 | . | . | 100.000 | 0.094 |

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|----------|---|---|---------|--------|
| 1.4.2.9 | . | . | 100.000 | 0.106 |
| 1.4.2.10 | . | . | 100.000 | 0.118 |
| 1.4.2.11 | . | . | 100.000 | 0.131 |
| 1.4.2.12 | . | . | 100.000 | 0.145 |
| 1.4.2.13 | . | . | 100.000 | 0.158 |
| 1.4.2.14 | . | . | 100.000 | 0.172 |
| 1.4.2.15 | . | . | 100.000 | 0.186 |
| 1.4.2.16 | . | . | 100.000 | 0.199 |
| 1.4.2.17 | . | . | 100.000 | 0.212 |
| 1.4.2.18 | . | . | 100.000 | 0.224 |
| 1.4.2.19 | . | . | 100.000 | 0.235 |
| 1.4.2.20 | . | . | 100.000 | 0.245 |
| 1.4.2.21 | . | . | 100.000 | 0.254 |
| 1.4.2.22 | . | . | 100.000 | 0.261 |
| 1.4.2.23 | . | . | 100.000 | 0.267 |
| 1.4.2.24 | . | . | 100.000 | 0.270 |
| 1.4.2.25 | . | . | 100.000 | 0.272 |
| 1.4.2.26 | . | . | 100.000 | 0.272 |
| 1.4.2.27 | . | . | 100.000 | 0.270 |
| 1.4.2.28 | . | . | 100.000 | 0.267 |
| 1.4.2.29 | . | . | 100.000 | -0.043 |
| 1.4.2.30 | . | . | 100.000 | 0.063 |
| 1.4.2.31 | . | . | 100.000 | 0.061 |
| 1.4.2.32 | . | . | 100.000 | 0.058 |
| 1.4.2.33 | . | . | 100.000 | 0.055 |

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|----------|---|---|---------|-------|
| 1.4.2.34 | . | . | 100.000 | 0.052 |
| 1.4.2.35 | . | . | 100.000 | 0.049 |
| 1.4.2.36 | . | . | 100.000 | 0.046 |
| 1.4.2.37 | . | . | 100.000 | 0.043 |
| 1.4.2.38 | . | . | 100.000 | 0.039 |
| 1.4.2.39 | . | . | 100.000 | 0.027 |
| 1.4.2.40 | . | . | 100.000 | 0.024 |
| 1.4.2.41 | . | . | 100.000 | 0.022 |
| 1.4.2.42 | . | . | 100.000 | 0.020 |
| 1.4.2.43 | . | . | 100.000 | 0.023 |
| 1.4.2.44 | . | . | 100.000 | 0.015 |
| 1.4.2.45 | . | . | 100.000 | 0.018 |
| 1.4.2.46 | . | . | 100.000 | 0.012 |
| 1.4.2.47 | . | . | 100.000 | 0.014 |
| 1.4.2.48 | . | . | 100.000 | 0.009 |
| 1.4.2.49 | . | . | 100.000 | 0.010 |
| 1.4.2.50 | . | . | 100.000 | 0.006 |
| 2.1.1.1 | . | . | 100.000 | 0.030 |
| 2.1.1.2 | . | . | 100.000 | 0.036 |
| 2.1.1.3 | . | . | 100.000 | 0.042 |
| 2.1.1.4 | . | . | 100.000 | 0.049 |
| 2.1.1.5 | . | . | 100.000 | 0.057 |
| 2.1.1.6 | . | . | 100.000 | 0.065 |
| 2.1.1.7 | . | . | 100.000 | 0.074 |
| 2.1.1.8 | . | . | 100.000 | 0.084 |

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|----------|---|-------|---------|-------|
| 2.1.1.9 | . | . | 100.000 | 0.095 |
| 2.1.1.10 | . | . | 100.000 | 0.106 |
| 2.1.1.11 | . | . | 100.000 | 0.118 |
| 2.1.1.12 | . | . | 100.000 | 0.130 |
| 2.1.1.13 | . | . | 100.000 | 0.142 |
| 2.1.1.14 | . | . | 100.000 | 0.154 |
| 2.1.1.15 | . | . | 100.000 | 0.166 |
| 2.1.1.16 | . | . | 100.000 | 0.178 |
| 2.1.1.17 | . | . | 100.000 | 0.190 |
| 2.1.1.18 | . | . | 100.000 | 0.201 |
| 2.1.1.19 | . | . | 100.000 | 0.211 |
| 2.1.1.20 | . | . | 100.000 | 0.220 |
| 2.1.1.21 | . | . | 100.000 | 0.228 |
| 2.1.1.22 | . | . | 100.000 | 0.234 |
| 2.1.1.23 | . | . | 100.000 | 0.239 |
| 2.1.1.24 | . | . | 100.000 | 0.242 |
| 2.1.1.25 | . | . | 100.000 | 0.244 |
| 2.1.1.26 | . | . | 100.000 | 0.244 |
| 2.1.1.27 | . | . | 100.000 | 0.242 |
| 2.1.1.28 | . | . | 100.000 | 0.239 |
| 2.1.1.29 | . | . | 100.000 | 0.234 |
| 2.1.1.30 | . | . | 100.000 | 0.228 |
| 2.1.1.31 | . | 1.000 | 100.000 | EPS |
| 2.1.1.32 | . | 2.000 | 100.000 | EPS |
| 2.1.1.33 | . | 3.000 | 100.000 | EPS |

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|----------|---|-------|---------|--------|
| 2.1.1.34 | . | 4.000 | 100.000 | EPS |
| 2.1.1.35 | . | 5.000 | 100.000 | EPS |
| 2.1.1.36 | . | 6.000 | 100.000 | EPS |
| 2.1.1.37 | . | 7.000 | 100.000 | EPS |
| 2.1.1.38 | . | 8.000 | 100.000 | EPS |
| 2.1.1.39 | . | 8.000 | 100.000 | EPS |
| 2.1.1.40 | . | 6.000 | 100.000 | EPS |
| 2.1.1.41 | . | 4.000 | 100.000 | EPS |
| 2.1.1.42 | . | 2.000 | 100.000 | EPS |
| 2.1.1.43 | . | . | 100.000 | -0.020 |
| 2.1.1.44 | . | 2.000 | 100.000 | EPS |
| 2.1.1.45 | . | . | 100.000 | 0.003 |
| 2.1.1.46 | . | 2.000 | 100.000 | EPS |
| 2.1.1.47 | . | . | 100.000 | -0.012 |
| 2.1.1.48 | . | 2.000 | 100.000 | EPS |
| 2.1.1.49 | . | . | 100.000 | -0.009 |
| 2.1.1.50 | . | 2.000 | 100.000 | EPS |
| 2.1.2.1 | . | . | 100.000 | 0.022 |
| 2.1.2.2 | . | . | 100.000 | 0.026 |
| 2.1.2.3 | . | . | 100.000 | 0.031 |
| 2.1.2.4 | . | . | 100.000 | 0.036 |
| 2.1.2.5 | . | . | 100.000 | 0.042 |
| 2.1.2.6 | . | . | 100.000 | 0.048 |
| 2.1.2.7 | . | . | 100.000 | 0.055 |
| 2.1.2.8 | . | . | 100.000 | 0.062 |

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|----------|---|-------|---------|--------|
| 2.1.2.9 | . | . | 100.000 | 0.070 |
| 2.1.2.10 | . | . | 100.000 | 0.078 |
| 2.1.2.11 | . | . | 100.000 | 0.086 |
| 2.1.2.12 | . | . | 100.000 | 0.095 |
| 2.1.2.13 | . | . | 100.000 | 0.104 |
| 2.1.2.14 | . | . | 100.000 | 0.113 |
| 2.1.2.15 | . | . | 100.000 | 0.122 |
| 2.1.2.16 | . | . | 100.000 | 0.131 |
| 2.1.2.17 | . | . | 100.000 | 0.139 |
| 2.1.2.18 | . | . | 100.000 | 0.147 |
| 2.1.2.19 | . | . | 100.000 | 0.155 |
| 2.1.2.20 | . | . | 100.000 | 0.161 |
| 2.1.2.21 | . | . | 100.000 | 0.167 |
| 2.1.2.22 | . | . | 100.000 | 0.172 |
| 2.1.2.23 | . | . | 100.000 | 0.175 |
| 2.1.2.24 | . | . | 100.000 | 0.178 |
| 2.1.2.25 | . | . | 100.000 | 0.179 |
| 2.1.2.26 | . | . | 100.000 | 0.179 |
| 2.1.2.27 | . | . | 100.000 | 0.178 |
| 2.1.2.28 | . | . | 100.000 | -0.084 |
| 2.1.2.29 | . | . | 100.000 | 0.172 |
| 2.1.2.30 | . | . | 100.000 | EPS |
| 2.1.2.31 | . | 1.000 | 100.000 | EPS |
| 2.1.2.32 | . | 2.000 | 100.000 | EPS |
| 2.1.2.33 | . | 3.000 | 100.000 | EPS |

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|----------|---|-------|---------|--------|
| 2.1.2.34 | . | 4.000 | 100.000 | EPS |
| 2.1.2.35 | . | 5.000 | 100.000 | EPS |
| 2.1.2.36 | . | 6.000 | 100.000 | EPS |
| 2.1.2.37 | . | 7.000 | 100.000 | EPS |
| 2.1.2.38 | . | 8.000 | 100.000 | EPS |
| 2.1.2.39 | . | 8.000 | 100.000 | EPS |
| 2.1.2.40 | . | 6.000 | 100.000 | EPS |
| 2.1.2.41 | . | 4.000 | 100.000 | EPS |
| 2.1.2.42 | . | 2.000 | 100.000 | EPS |
| 2.1.2.43 | . | . | 100.000 | -0.009 |
| 2.1.2.44 | . | 2.000 | 100.000 | EPS |
| 2.1.2.45 | . | . | 100.000 | -0.007 |
| 2.1.2.46 | . | 2.000 | 100.000 | EPS |
| 2.1.2.47 | . | . | 100.000 | -0.005 |
| 2.1.2.48 | . | 2.000 | 100.000 | EPS |
| 2.1.2.49 | . | . | 100.000 | -0.004 |
| 2.1.2.50 | . | 2.000 | 100.000 | EPS |
| 2.2.1.1 | . | . | 100.000 | 0.038 |
| 2.2.1.2 | . | . | 100.000 | 0.044 |
| 2.2.1.3 | . | . | 100.000 | 0.052 |
| 2.2.1.4 | . | . | 100.000 | 0.061 |
| 2.2.1.5 | . | . | 100.000 | 0.070 |
| 2.2.1.6 | . | . | 100.000 | 0.081 |
| 2.2.1.7 | . | . | 100.000 | 0.092 |
| 2.2.1.8 | . | . | 100.000 | 0.104 |

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|----------|---|---|---------|-------|
| 2.2.1.9 | . | . | 100.000 | 0.117 |
| 2.2.1.10 | . | . | 100.000 | 0.131 |
| 2.2.1.11 | . | . | 100.000 | 0.146 |
| 2.2.1.12 | . | . | 100.000 | 0.160 |
| 2.2.1.13 | . | . | 100.000 | 0.176 |
| 2.2.1.14 | . | . | 100.000 | 0.191 |
| 2.2.1.15 | . | . | 100.000 | 0.206 |
| 2.2.1.16 | . | . | 100.000 | 0.221 |
| 2.2.1.17 | . | . | 100.000 | 0.235 |
| 2.2.1.18 | . | . | 100.000 | 0.249 |
| 2.2.1.19 | . | . | 100.000 | 0.261 |
| 2.2.1.20 | . | . | 100.000 | 0.272 |
| 2.2.1.21 | . | . | 100.000 | 0.282 |
| 2.2.1.22 | . | . | 100.000 | 0.290 |
| 2.2.1.23 | . | . | 100.000 | 0.296 |
| 2.2.1.24 | . | . | 100.000 | 0.300 |
| 2.2.1.25 | . | . | 100.000 | 0.302 |
| 2.2.1.26 | . | . | 100.000 | 0.302 |
| 2.2.1.27 | . | . | 100.000 | 0.300 |
| 2.2.1.28 | . | . | 100.000 | 0.296 |
| 2.2.1.29 | . | . | 100.000 | 0.290 |
| 2.2.1.30 | . | . | 100.000 | 0.282 |
| 2.2.1.31 | . | . | 100.000 | 0.052 |
| 2.2.1.32 | . | . | 100.000 | 0.050 |
| 2.2.1.33 | . | . | 100.000 | 0.048 |

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|----------|---|--------|---------|-------|
| 2.2.1.34 | . | . | 100.000 | 0.045 |
| 2.2.1.35 | . | . | 100.000 | 0.042 |
| 2.2.1.36 | . | . | 100.000 | 0.040 |
| 2.2.1.37 | . | . | 100.000 | 0.037 |
| 2.2.1.38 | . | . | 100.000 | 0.034 |
| 2.2.1.39 | . | . | 100.000 | EPS |
| 2.2.1.40 | . | . | 100.000 | EPS |
| 2.2.1.41 | . | . | 100.000 | EPS |
| 2.2.1.42 | . | 10.000 | 100.000 | EPS |
| 2.2.1.43 | . | 13.000 | 100.000 | EPS |
| 2.2.1.44 | . | 12.000 | 100.000 | EPS |
| 2.2.1.45 | . | 15.000 | 100.000 | EPS |
| 2.2.1.46 | . | 14.000 | 100.000 | EPS |
| 2.2.1.47 | . | 17.000 | 100.000 | EPS |
| 2.2.1.48 | . | 16.000 | 100.000 | EPS |
| 2.2.1.49 | . | 13.000 | 100.000 | EPS |
| 2.2.1.50 | . | 9.000 | 100.000 | EPS |
| 2.2.2.1 | . | . | 100.000 | 0.025 |
| 2.2.2.2 | . | . | 100.000 | 0.030 |
| 2.2.2.3 | . | . | 100.000 | 0.035 |
| 2.2.2.4 | . | . | 100.000 | 0.041 |
| 2.2.2.5 | . | . | 100.000 | 0.047 |
| 2.2.2.6 | . | . | 100.000 | 0.054 |
| 2.2.2.7 | . | . | 100.000 | 0.062 |
| 2.2.2.8 | . | . | 100.000 | 0.070 |

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|----------|---|---|---------|--------|
| 2.2.2.9 | . | . | 100.000 | 0.079 |
| 2.2.2.10 | . | . | 100.000 | 0.089 |
| 2.2.2.11 | . | . | 100.000 | 0.098 |
| 2.2.2.12 | . | . | 100.000 | 0.108 |
| 2.2.2.13 | . | . | 100.000 | 0.119 |
| 2.2.2.14 | . | . | 100.000 | 0.129 |
| 2.2.2.15 | . | . | 100.000 | 0.139 |
| 2.2.2.16 | . | . | 100.000 | 0.149 |
| 2.2.2.17 | . | . | 100.000 | 0.159 |
| 2.2.2.18 | . | . | 100.000 | 0.168 |
| 2.2.2.19 | . | . | 100.000 | 0.176 |
| 2.2.2.20 | . | . | 100.000 | 0.184 |
| 2.2.2.21 | . | . | 100.000 | 0.190 |
| 2.2.2.22 | . | . | 100.000 | 0.196 |
| 2.2.2.23 | . | . | 100.000 | 0.200 |
| 2.2.2.24 | . | . | 100.000 | 0.202 |
| 2.2.2.25 | . | . | 100.000 | 0.204 |
| 2.2.2.26 | . | . | 100.000 | 0.204 |
| 2.2.2.27 | . | . | 100.000 | 0.202 |
| 2.2.2.28 | . | . | 100.000 | -0.060 |
| 2.2.2.29 | . | . | 100.000 | 0.196 |
| 2.2.2.30 | . | . | 100.000 | 0.023 |
| 2.2.2.31 | . | . | 100.000 | 0.022 |
| 2.2.2.32 | . | . | 100.000 | 0.021 |
| 2.2.2.33 | . | . | 100.000 | 0.020 |

| | | | | |
|----------|---|--------|---------|-------|
| 2.2.2.34 | . | . | 100.000 | 0.019 |
| 2.2.2.35 | . | . | 100.000 | 0.018 |
| 2.2.2.36 | . | . | 100.000 | 0.017 |
| 2.2.2.37 | . | . | 100.000 | 0.016 |
| 2.2.2.38 | . | . | 100.000 | 0.014 |
| 2.2.2.39 | . | . | 100.000 | EPS |
| 2.2.2.40 | . | . | 100.000 | EPS |
| 2.2.2.41 | . | . | 100.000 | EPS |
| 2.2.2.42 | . | 10.000 | 100.000 | EPS |
| 2.2.2.43 | . | 13.000 | 100.000 | EPS |
| 2.2.2.44 | . | 12.000 | 100.000 | EPS |
| 2.2.2.45 | . | . | 100.000 | EPS |
| 2.2.2.46 | . | 14.000 | 100.000 | EPS |
| 2.2.2.47 | . | 17.000 | 100.000 | EPS |
| 2.2.2.48 | . | 16.000 | 100.000 | EPS |
| 2.2.2.49 | . | 13.000 | 100.000 | EPS |
| 2.2.2.50 | . | 9.000 | 100.000 | EPS |
| 2.3.1.1 | . | . | 100.000 | 0.038 |
| 2.3.1.2 | . | . | 100.000 | 0.044 |
| 2.3.1.3 | . | . | 100.000 | 0.052 |
| 2.3.1.4 | . | . | 100.000 | 0.061 |
| 2.3.1.5 | . | . | 100.000 | 0.070 |
| 2.3.1.6 | . | . | 100.000 | 0.081 |
| 2.3.1.7 | . | . | 100.000 | 0.092 |
| 2.3.1.8 | . | . | 100.000 | 0.104 |

| | | | | |
|----------|---|---|---------|-------|
| 2.3.1.9 | . | . | 100.000 | 0.117 |
| 2.3.1.10 | . | . | 100.000 | 0.131 |
| 2.3.1.11 | . | . | 100.000 | 0.146 |
| 2.3.1.12 | . | . | 100.000 | 0.160 |
| 2.3.1.13 | . | . | 100.000 | 0.176 |
| 2.3.1.14 | . | . | 100.000 | 0.191 |
| 2.3.1.15 | . | . | 100.000 | 0.206 |
| 2.3.1.16 | . | . | 100.000 | 0.221 |
| 2.3.1.17 | . | . | 100.000 | 0.235 |
| 2.3.1.18 | . | . | 100.000 | 0.249 |
| 2.3.1.19 | . | . | 100.000 | 0.261 |
| 2.3.1.20 | . | . | 100.000 | 0.272 |
| 2.3.1.21 | . | . | 100.000 | 0.282 |
| 2.3.1.22 | . | . | 100.000 | 0.290 |
| 2.3.1.23 | . | . | 100.000 | 0.296 |
| 2.3.1.24 | . | . | 100.000 | 0.300 |
| 2.3.1.25 | . | . | 100.000 | 0.302 |
| 2.3.1.26 | . | . | 100.000 | 0.302 |
| 2.3.1.27 | . | . | 100.000 | 0.300 |
| 2.3.1.28 | . | . | 100.000 | 0.296 |
| 2.3.1.29 | . | . | 100.000 | 0.290 |
| 2.3.1.30 | . | . | 100.000 | 0.282 |
| 2.3.1.31 | . | . | 100.000 | 0.052 |
| 2.3.1.32 | . | . | 100.000 | 0.050 |
| 2.3.1.33 | . | . | 100.000 | 0.048 |

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|----------|---|-------|---------|-------|
| 2.3.1.34 | . | . | 100.000 | 0.045 |
| 2.3.1.35 | . | . | 100.000 | 0.042 |
| 2.3.1.36 | . | . | 100.000 | 0.040 |
| 2.3.1.37 | . | . | 100.000 | 0.037 |
| 2.3.1.38 | . | . | 100.000 | 0.034 |
| 2.3.1.39 | . | 1.000 | 100.000 | EPS |
| 2.3.1.40 | . | 4.000 | 100.000 | EPS |
| 2.3.1.41 | . | 7.000 | 100.000 | EPS |
| 2.3.1.42 | . | . | 100.000 | EPS |
| 2.3.1.43 | . | . | 100.000 | EPS |
| 2.3.1.44 | . | . | 100.000 | EPS |
| 2.3.1.45 | . | . | 100.000 | EPS |
| 2.3.1.46 | . | . | 100.000 | EPS |
| 2.3.1.47 | . | . | 100.000 | EPS |
| 2.3.1.48 | . | . | 100.000 | EPS |
| 2.3.1.49 | . | 6.000 | 100.000 | EPS |
| 2.3.1.50 | . | 9.000 | 100.000 | EPS |
| 2.3.2.1 | . | . | 100.000 | 0.025 |
| 2.3.2.2 | . | . | 100.000 | 0.030 |
| 2.3.2.3 | . | . | 100.000 | 0.035 |
| 2.3.2.4 | . | . | 100.000 | 0.041 |
| 2.3.2.5 | . | . | 100.000 | 0.047 |
| 2.3.2.6 | . | . | 100.000 | 0.054 |
| 2.3.2.7 | . | . | 100.000 | 0.062 |
| 2.3.2.8 | . | . | 100.000 | 0.070 |

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|----------|---|---|---------|--------|
| 2.3.2.9 | . | . | 100.000 | 0.079 |
| 2.3.2.10 | . | . | 100.000 | 0.089 |
| 2.3.2.11 | . | . | 100.000 | 0.098 |
| 2.3.2.12 | . | . | 100.000 | 0.108 |
| 2.3.2.13 | . | . | 100.000 | 0.119 |
| 2.3.2.14 | . | . | 100.000 | 0.129 |
| 2.3.2.15 | . | . | 100.000 | 0.139 |
| 2.3.2.16 | . | . | 100.000 | 0.149 |
| 2.3.2.17 | . | . | 100.000 | 0.159 |
| 2.3.2.18 | . | . | 100.000 | 0.168 |
| 2.3.2.19 | . | . | 100.000 | 0.176 |
| 2.3.2.20 | . | . | 100.000 | 0.184 |
| 2.3.2.21 | . | . | 100.000 | 0.190 |
| 2.3.2.22 | . | . | 100.000 | 0.196 |
| 2.3.2.23 | . | . | 100.000 | 0.200 |
| 2.3.2.24 | . | . | 100.000 | 0.202 |
| 2.3.2.25 | . | . | 100.000 | 0.204 |
| 2.3.2.26 | . | . | 100.000 | 0.204 |
| 2.3.2.27 | . | . | 100.000 | 0.202 |
| 2.3.2.28 | . | . | 100.000 | -0.060 |
| 2.3.2.29 | . | . | 100.000 | 0.196 |
| 2.3.2.30 | . | . | 100.000 | 0.023 |
| 2.3.2.31 | . | . | 100.000 | 0.022 |
| 2.3.2.32 | . | . | 100.000 | 0.021 |
| 2.3.2.33 | . | . | 100.000 | 0.020 |

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|----------|---|--------|---------|-------|
| 2.3.2.34 | . | . | 100.000 | 0.019 |
| 2.3.2.35 | . | . | 100.000 | 0.018 |
| 2.3.2.36 | . | . | 100.000 | 0.017 |
| 2.3.2.37 | . | . | 100.000 | 0.016 |
| 2.3.2.38 | . | . | 100.000 | 0.014 |
| 2.3.2.39 | . | 1.000 | 100.000 | EPS |
| 2.3.2.40 | . | 4.000 | 100.000 | EPS |
| 2.3.2.41 | . | 7.000 | 100.000 | EPS |
| 2.3.2.42 | . | . | 100.000 | EPS |
| 2.3.2.43 | . | . | 100.000 | EPS |
| 2.3.2.44 | . | . | 100.000 | EPS |
| 2.3.2.45 | . | 15.000 | 100.000 | EPS |
| 2.3.2.46 | . | . | 100.000 | EPS |
| 2.3.2.47 | . | . | 100.000 | EPS |
| 2.3.2.48 | . | . | 100.000 | EPS |
| 2.3.2.49 | . | 6.000 | 100.000 | EPS |
| 2.3.2.50 | . | 9.000 | 100.000 | EPS |
| 2.4.1.1 | . | . | 100.000 | 0.045 |
| 2.4.1.2 | . | . | 100.000 | 0.053 |
| 2.4.1.3 | . | . | 100.000 | 0.062 |
| 2.4.1.4 | . | . | 100.000 | 0.072 |
| 2.4.1.5 | . | . | 100.000 | 0.084 |
| 2.4.1.6 | . | . | 100.000 | 0.096 |
| 2.4.1.7 | . | . | 100.000 | 0.110 |
| 2.4.1.8 | . | . | 100.000 | 0.124 |

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|----------|---|---|---------|-------|
| 2.4.1.9 | . | . | 100.000 | 0.140 |
| 2.4.1.10 | . | . | 100.000 | 0.156 |
| 2.4.1.11 | . | . | 100.000 | 0.174 |
| 2.4.1.12 | . | . | 100.000 | 0.191 |
| 2.4.1.13 | . | . | 100.000 | 0.209 |
| 2.4.1.14 | . | . | 100.000 | 0.228 |
| 2.4.1.15 | . | . | 100.000 | 0.246 |
| 2.4.1.16 | . | . | 100.000 | 0.263 |
| 2.4.1.17 | . | . | 100.000 | 0.280 |
| 2.4.1.18 | . | . | 100.000 | 0.296 |
| 2.4.1.19 | . | . | 100.000 | 0.311 |
| 2.4.1.20 | . | . | 100.000 | 0.324 |
| 2.4.1.21 | . | . | 100.000 | 0.336 |
| 2.4.1.22 | . | . | 100.000 | 0.345 |
| 2.4.1.23 | . | . | 100.000 | 0.352 |
| 2.4.1.24 | . | . | 100.000 | 0.357 |
| 2.4.1.25 | . | . | 100.000 | 0.360 |
| 2.4.1.26 | . | . | 100.000 | 0.360 |
| 2.4.1.27 | . | . | 100.000 | 0.357 |
| 2.4.1.28 | . | . | 100.000 | 0.352 |
| 2.4.1.29 | . | . | 100.000 | 0.345 |
| 2.4.1.30 | . | . | 100.000 | 0.336 |
| 2.4.1.31 | . | . | 100.000 | 0.104 |
| 2.4.1.32 | . | . | 100.000 | 0.100 |
| 2.4.1.33 | . | . | 100.000 | 0.095 |

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|----------|---|---|---------|-------|
| 2.4.1.34 | . | . | 100.000 | 0.090 |
| 2.4.1.35 | . | . | 100.000 | 0.085 |
| 2.4.1.36 | . | . | 100.000 | 0.079 |
| 2.4.1.37 | . | . | 100.000 | 0.073 |
| 2.4.1.38 | . | . | 100.000 | 0.067 |
| 2.4.1.39 | . | . | 100.000 | 0.031 |
| 2.4.1.40 | . | . | 100.000 | 0.028 |
| 2.4.1.41 | . | . | 100.000 | 0.025 |
| 2.4.1.42 | . | . | 100.000 | 0.023 |
| 2.4.1.43 | . | . | 100.000 | 0.020 |
| 2.4.1.44 | . | . | 100.000 | 0.018 |
| 2.4.1.45 | . | . | 100.000 | 0.015 |
| 2.4.1.46 | . | . | 100.000 | 0.013 |
| 2.4.1.47 | . | . | 100.000 | 0.012 |
| 2.4.1.48 | . | . | 100.000 | 0.010 |
| 2.4.1.49 | . | . | 100.000 | 0.009 |
| 2.4.1.50 | . | . | 100.000 | 0.007 |
| 2.4.2.1 | . | . | 100.000 | 0.028 |
| 2.4.2.2 | . | . | 100.000 | 0.034 |
| 2.4.2.3 | . | . | 100.000 | 0.039 |
| 2.4.2.4 | . | . | 100.000 | 0.046 |
| 2.4.2.5 | . | . | 100.000 | 0.053 |
| 2.4.2.6 | . | . | 100.000 | 0.061 |
| 2.4.2.7 | . | . | 100.000 | 0.070 |
| 2.4.2.8 | . | . | 100.000 | 0.079 |

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|----------|---|---|---------|--------|
| 2.4.2.9 | . | . | 100.000 | 0.089 |
| 2.4.2.10 | . | . | 100.000 | 0.099 |
| 2.4.2.11 | . | . | 100.000 | 0.110 |
| 2.4.2.12 | . | . | 100.000 | 0.122 |
| 2.4.2.13 | . | . | 100.000 | 0.133 |
| 2.4.2.14 | . | . | 100.000 | 0.145 |
| 2.4.2.15 | . | . | 100.000 | 0.156 |
| 2.4.2.16 | . | . | 100.000 | 0.167 |
| 2.4.2.17 | . | . | 100.000 | 0.178 |
| 2.4.2.18 | . | . | 100.000 | 0.188 |
| 2.4.2.19 | . | . | 100.000 | 0.198 |
| 2.4.2.20 | . | . | 100.000 | 0.206 |
| 2.4.2.21 | . | . | 100.000 | 0.213 |
| 2.4.2.22 | . | . | 100.000 | 0.219 |
| 2.4.2.23 | . | . | 100.000 | 0.224 |
| 2.4.2.24 | . | . | 100.000 | 0.227 |
| 2.4.2.25 | . | . | 100.000 | 0.229 |
| 2.4.2.26 | . | . | 100.000 | 0.229 |
| 2.4.2.27 | . | . | 100.000 | 0.227 |
| 2.4.2.28 | . | . | 100.000 | -0.036 |
| 2.4.2.29 | . | . | 100.000 | 0.219 |
| 2.4.2.30 | . | . | 100.000 | 0.046 |
| 2.4.2.31 | . | . | 100.000 | 0.045 |
| 2.4.2.32 | . | . | 100.000 | 0.043 |
| 2.4.2.33 | . | . | 100.000 | 0.041 |

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|----------|---|---|---------|-------|
| 2.4.2.34 | . | . | 100.000 | 0.039 |
| 2.4.2.35 | . | . | 100.000 | 0.036 |
| 2.4.2.36 | . | . | 100.000 | 0.034 |
| 2.4.2.37 | . | . | 100.000 | 0.031 |
| 2.4.2.38 | . | . | 100.000 | 0.029 |
| 2.4.2.39 | . | . | 100.000 | 0.013 |
| 2.4.2.40 | . | . | 100.000 | 0.012 |
| 2.4.2.41 | . | . | 100.000 | 0.011 |
| 2.4.2.42 | . | . | 100.000 | 0.010 |
| 2.4.2.43 | . | . | 100.000 | 0.009 |
| 2.4.2.44 | . | . | 100.000 | 0.008 |
| 2.4.2.45 | . | . | 100.000 | 0.007 |
| 2.4.2.46 | . | . | 100.000 | 0.006 |
| 2.4.2.47 | . | . | 100.000 | 0.005 |
| 2.4.2.48 | . | . | 100.000 | 0.004 |
| 2.4.2.49 | . | . | 100.000 | 0.004 |
| 2.4.2.50 | . | . | 100.000 | 0.003 |
| 3.1.1.1 | . | . | 100.000 | 0.049 |
| 3.1.1.2 | . | . | 100.000 | 0.058 |
| 3.1.1.3 | . | . | 100.000 | 0.068 |
| 3.1.1.4 | . | . | 100.000 | 0.079 |
| 3.1.1.5 | . | . | 100.000 | 0.091 |
| 3.1.1.6 | . | . | 100.000 | 0.105 |
| 3.1.1.7 | . | . | 100.000 | 0.119 |
| 3.1.1.8 | . | . | 100.000 | 0.135 |

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|----------|---|-------|---------|--------|
| 3.1.1.9 | . | . | 100.000 | 0.152 |
| 3.1.1.10 | . | . | 100.000 | 0.170 |
| 3.1.1.11 | . | . | 100.000 | 0.189 |
| 3.1.1.12 | . | . | 100.000 | 0.208 |
| 3.1.1.13 | . | . | 100.000 | 0.228 |
| 3.1.1.14 | . | . | 100.000 | 0.247 |
| 3.1.1.15 | . | . | 100.000 | 0.267 |
| 3.1.1.16 | . | . | 100.000 | 0.286 |
| 3.1.1.17 | . | . | 100.000 | 0.305 |
| 3.1.1.18 | . | . | 100.000 | 0.322 |
| 3.1.1.19 | . | . | 100.000 | 0.338 |
| 3.1.1.20 | . | . | 100.000 | 0.353 |
| 3.1.1.21 | . | . | 100.000 | 0.365 |
| 3.1.1.22 | . | . | 100.000 | 0.375 |
| 3.1.1.23 | . | . | 100.000 | 0.383 |
| 3.1.1.24 | . | . | 100.000 | 0.389 |
| 3.1.1.25 | . | . | 100.000 | 0.391 |
| 3.1.1.26 | . | . | 100.000 | 0.391 |
| 3.1.1.27 | . | . | 100.000 | 0.389 |
| 3.1.1.28 | . | . | 100.000 | 0.383 |
| 3.1.1.29 | . | . | 100.000 | -0.475 |
| 3.1.1.30 | . | 1.000 | 100.000 | EPS |
| 3.1.1.31 | . | 2.000 | 100.000 | EPS |
| 3.1.1.32 | . | 3.000 | 100.000 | EPS |
| 3.1.1.33 | . | 4.000 | 100.000 | EPS |

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|----------|---|--------|---------|--------|
| 3.1.1.34 | . | 5.000 | 100.000 | EPS |
| 3.1.1.35 | . | 6.000 | 100.000 | EPS |
| 3.1.1.36 | . | 7.000 | 100.000 | EPS |
| 3.1.1.37 | . | 8.000 | 100.000 | EPS |
| 3.1.1.38 | . | 9.000 | 100.000 | EPS |
| 3.1.1.39 | . | 9.000 | 100.000 | EPS |
| 3.1.1.40 | . | 10.000 | 100.000 | EPS |
| 3.1.1.41 | . | 11.000 | 100.000 | EPS |
| 3.1.1.42 | . | 12.000 | 100.000 | EPS |
| 3.1.1.43 | . | 13.000 | 100.000 | 0.135 |
| 3.1.1.44 | . | 11.000 | 100.000 | EPS |
| 3.1.1.45 | . | 12.000 | 100.000 | EPS |
| 3.1.1.46 | . | 10.000 | 100.000 | -0.003 |
| 3.1.1.47 | . | 11.000 | 100.000 | 0.079 |
| 3.1.1.48 | . | 9.000 | 100.000 | -0.003 |
| 3.1.1.49 | . | 10.000 | 100.000 | 0.058 |
| 3.1.1.50 | . | 8.000 | 100.000 | EPS |
| 3.1.2.1 | . | . | 100.000 | 0.033 |
| 3.1.2.2 | . | . | 100.000 | 0.039 |
| 3.1.2.3 | . | . | 100.000 | 0.046 |
| 3.1.2.4 | . | . | 100.000 | 0.054 |
| 3.1.2.5 | . | . | 100.000 | 0.062 |
| 3.1.2.6 | . | . | 100.000 | 0.071 |
| 3.1.2.7 | . | . | 100.000 | 0.081 |
| 3.1.2.8 | . | . | 100.000 | 0.092 |

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|----------|---|-------|---------|-------|
| 3.1.2.9 | . | . | 100.000 | 0.104 |
| 3.1.2.10 | . | . | 100.000 | 0.116 |
| 3.1.2.11 | . | . | 100.000 | 0.129 |
| 3.1.2.12 | . | . | 100.000 | 0.142 |
| 3.1.2.13 | . | . | 100.000 | 0.155 |
| 3.1.2.14 | . | . | 100.000 | 0.169 |
| 3.1.2.15 | . | . | 100.000 | 0.182 |
| 3.1.2.16 | . | . | 100.000 | 0.195 |
| 3.1.2.17 | . | . | 100.000 | 0.208 |
| 3.1.2.18 | . | . | 100.000 | 0.220 |
| 3.1.2.19 | . | . | 100.000 | 0.231 |
| 3.1.2.20 | . | . | 100.000 | 0.241 |
| 3.1.2.21 | . | . | 100.000 | 0.249 |
| 3.1.2.22 | . | . | 100.000 | 0.256 |
| 3.1.2.23 | . | . | 100.000 | 0.262 |
| 3.1.2.24 | . | . | 100.000 | 0.265 |
| 3.1.2.25 | . | . | 100.000 | 0.267 |
| 3.1.2.26 | . | . | 100.000 | 0.267 |
| 3.1.2.27 | . | . | 100.000 | 0.265 |
| 3.1.2.28 | . | . | 100.000 | 0.262 |
| 3.1.2.29 | . | . | 100.000 | 0.256 |
| 3.1.2.30 | . | 1.000 | 100.000 | EPS |
| 3.1.2.31 | . | 2.000 | 100.000 | EPS |
| 3.1.2.32 | . | 3.000 | 100.000 | EPS |
| 3.1.2.33 | . | 4.000 | 100.000 | EPS |

| | | | | |
|----------|---|--------|---------|-------|
| 3.1.2.34 | . | 5.000 | 100.000 | EPS |
| 3.1.2.35 | . | 6.000 | 100.000 | EPS |
| 3.1.2.36 | . | 7.000 | 100.000 | EPS |
| 3.1.2.37 | . | 8.000 | 100.000 | EPS |
| 3.1.2.38 | . | 9.000 | 100.000 | EPS |
| 3.1.2.39 | . | 9.000 | 100.000 | EPS |
| 3.1.2.40 | . | 10.000 | 100.000 | EPS |
| 3.1.2.41 | . | 11.000 | 100.000 | EPS |
| 3.1.2.42 | . | 12.000 | 100.000 | EPS |
| 3.1.2.43 | . | 13.000 | 100.000 | 0.092 |
| 3.1.2.44 | . | 11.000 | 100.000 | EPS |
| 3.1.2.45 | . | 12.000 | 100.000 | 0.071 |
| 3.1.2.46 | . | 10.000 | 100.000 | EPS |
| 3.1.2.47 | . | 11.000 | 100.000 | 0.054 |
| 3.1.2.48 | . | 9.000 | 100.000 | EPS |
| 3.1.2.49 | . | 10.000 | 100.000 | 0.039 |
| 3.1.2.50 | . | 8.000 | 100.000 | EPS |
| 3.2.1.1 | . | . | 100.000 | 0.060 |
| 3.2.1.2 | . | . | 100.000 | 0.071 |
| 3.2.1.3 | . | . | 100.000 | 0.083 |
| 3.2.1.4 | . | . | 100.000 | 0.097 |
| 3.2.1.5 | . | . | 100.000 | 0.112 |
| 3.2.1.6 | . | . | 100.000 | 0.129 |
| 3.2.1.7 | . | . | 100.000 | 0.147 |
| 3.2.1.8 | . | . | 100.000 | 0.167 |

| | | | | |
|----------|---|---|---------|--------|
| 3.2.1.9 | . | . | 100.000 | 0.188 |
| 3.2.1.10 | . | . | 100.000 | 0.210 |
| 3.2.1.11 | . | . | 100.000 | 0.233 |
| 3.2.1.12 | . | . | 100.000 | 0.257 |
| 3.2.1.13 | . | . | 100.000 | 0.281 |
| 3.2.1.14 | . | . | 100.000 | 0.305 |
| 3.2.1.15 | . | . | 100.000 | 0.330 |
| 3.2.1.16 | . | . | 100.000 | 0.353 |
| 3.2.1.17 | . | . | 100.000 | 0.376 |
| 3.2.1.18 | . | . | 100.000 | 0.398 |
| 3.2.1.19 | . | . | 100.000 | 0.417 |
| 3.2.1.20 | . | . | 100.000 | 0.435 |
| 3.2.1.21 | . | . | 100.000 | 0.451 |
| 3.2.1.22 | . | . | 100.000 | 0.463 |
| 3.2.1.23 | . | . | 100.000 | 0.473 |
| 3.2.1.24 | . | . | 100.000 | 0.480 |
| 3.2.1.25 | . | . | 100.000 | 0.483 |
| 3.2.1.26 | . | . | 100.000 | 0.483 |
| 3.2.1.27 | . | . | 100.000 | 0.480 |
| 3.2.1.28 | . | . | 100.000 | 0.473 |
| 3.2.1.29 | . | . | 100.000 | -0.387 |
| 3.2.1.30 | . | . | 100.000 | 0.086 |
| 3.2.1.31 | . | . | 100.000 | 0.083 |
| 3.2.1.32 | . | . | 100.000 | 0.079 |
| 3.2.1.33 | . | . | 100.000 | 0.076 |

| | | | | |
|----------|---|--------|---------|-------|
| 3.2.1.34 | . | . | 100.000 | 0.071 |
| 3.2.1.35 | . | . | 100.000 | 0.067 |
| 3.2.1.36 | . | . | 100.000 | 0.063 |
| 3.2.1.37 | . | . | 100.000 | 0.058 |
| 3.2.1.38 | . | . | 100.000 | 0.053 |
| 3.2.1.39 | . | . | 100.000 | 0.008 |
| 3.2.1.40 | . | . | 100.000 | 0.007 |
| 3.2.1.41 | . | . | 100.000 | 0.006 |
| 3.2.1.42 | . | . | 100.000 | 0.006 |
| 3.2.1.43 | . | . | 100.000 | 0.167 |
| 3.2.1.44 | . | . | 100.000 | 0.004 |
| 3.2.1.45 | . | 4.000 | 100.000 | EPS |
| 3.2.1.46 | . | 7.000 | 100.000 | EPS |
| 3.2.1.47 | . | . | 100.000 | 0.097 |
| 3.2.1.48 | . | 8.000 | 100.000 | EPS |
| 3.2.1.49 | . | 10.000 | 100.000 | 0.071 |
| 3.2.1.50 | . | 13.000 | 100.000 | 0.002 |
| 3.2.2.1 | . | . | 100.000 | 0.038 |
| 3.2.2.2 | . | . | 100.000 | 0.045 |
| 3.2.2.3 | . | . | 100.000 | 0.053 |
| 3.2.2.4 | . | . | 100.000 | 0.062 |
| 3.2.2.5 | . | . | 100.000 | 0.071 |
| 3.2.2.6 | . | . | 100.000 | 0.082 |
| 3.2.2.7 | . | . | 100.000 | 0.093 |
| 3.2.2.8 | . | . | 100.000 | 0.106 |

| | | | | |
|----------|---|---|---------|-------|
| 3.2.2.9 | . | . | 100.000 | 0.119 |
| 3.2.2.10 | . | . | 100.000 | 0.133 |
| 3.2.2.11 | . | . | 100.000 | 0.148 |
| 3.2.2.12 | . | . | 100.000 | 0.163 |
| 3.2.2.13 | . | . | 100.000 | 0.178 |
| 3.2.2.14 | . | . | 100.000 | 0.194 |
| 3.2.2.15 | . | . | 100.000 | 0.209 |
| 3.2.2.16 | . | . | 100.000 | 0.224 |
| 3.2.2.17 | . | . | 100.000 | 0.239 |
| 3.2.2.18 | . | . | 100.000 | 0.252 |
| 3.2.2.19 | . | . | 100.000 | 0.265 |
| 3.2.2.20 | . | . | 100.000 | 0.276 |
| 3.2.2.21 | . | . | 100.000 | 0.286 |
| 3.2.2.22 | . | . | 100.000 | 0.294 |
| 3.2.2.23 | . | . | 100.000 | 0.300 |
| 3.2.2.24 | . | . | 100.000 | 0.304 |
| 3.2.2.25 | . | . | 100.000 | 0.306 |
| 3.2.2.26 | . | . | 100.000 | 0.306 |
| 3.2.2.27 | . | . | 100.000 | 0.304 |
| 3.2.2.28 | . | . | 100.000 | 0.300 |
| 3.2.2.29 | . | . | 100.000 | 0.294 |
| 3.2.2.30 | . | . | 100.000 | 0.037 |
| 3.2.2.31 | . | . | 100.000 | 0.035 |
| 3.2.2.32 | . | . | 100.000 | 0.034 |
| 3.2.2.33 | . | . | 100.000 | 0.032 |

| | | | | |
|----------|---|--------|---------|-----------|
| 3.2.2.34 | . | . | 100.000 | 0.031 |
| 3.2.2.35 | . | . | 100.000 | 0.029 |
| 3.2.2.36 | . | . | 100.000 | 0.027 |
| 3.2.2.37 | . | . | 100.000 | 0.025 |
| 3.2.2.38 | . | . | 100.000 | 0.023 |
| 3.2.2.39 | . | . | 100.000 | 0.003 |
| 3.2.2.40 | . | . | 100.000 | 0.003 |
| 3.2.2.41 | . | . | 100.000 | 0.003 |
| 3.2.2.42 | . | . | 100.000 | 0.002 |
| 3.2.2.43 | . | 1.000 | 100.000 | 0.106 |
| 3.2.2.44 | . | 4.000 | 100.000 | 0.002 |
| 3.2.2.45 | . | 4.000 | 100.000 | 0.082 |
| 3.2.2.46 | . | 7.000 | 100.000 | 0.001 |
| 3.2.2.47 | . | 7.000 | 100.000 | 0.062 |
| 3.2.2.48 | . | 1.000 | 100.000 | 0.001 |
| 3.2.2.49 | . | 10.000 | 100.000 | 0.045 |
| 3.2.2.50 | . | 13.000 | 100.000 | 7.7320E-4 |
| 3.3.1.1 | . | . | 100.000 | 0.060 |
| 3.3.1.2 | . | . | 100.000 | 0.071 |
| 3.3.1.3 | . | . | 100.000 | 0.083 |
| 3.3.1.4 | . | . | 100.000 | 0.097 |
| 3.3.1.5 | . | . | 100.000 | 0.112 |
| 3.3.1.6 | . | . | 100.000 | 0.129 |
| 3.3.1.7 | . | . | 100.000 | 0.147 |
| 3.3.1.8 | . | . | 100.000 | 0.167 |

| | | | | |
|----------|---|---|---------|--------|
| 3.3.1.9 | . | . | 100.000 | 0.188 |
| 3.3.1.10 | . | . | 100.000 | 0.210 |
| 3.3.1.11 | . | . | 100.000 | 0.233 |
| 3.3.1.12 | . | . | 100.000 | 0.257 |
| 3.3.1.13 | . | . | 100.000 | 0.281 |
| 3.3.1.14 | . | . | 100.000 | 0.305 |
| 3.3.1.15 | . | . | 100.000 | 0.330 |
| 3.3.1.16 | . | . | 100.000 | 0.353 |
| 3.3.1.17 | . | . | 100.000 | 0.376 |
| 3.3.1.18 | . | . | 100.000 | 0.398 |
| 3.3.1.19 | . | . | 100.000 | 0.417 |
| 3.3.1.20 | . | . | 100.000 | 0.435 |
| 3.3.1.21 | . | . | 100.000 | 0.451 |
| 3.3.1.22 | . | . | 100.000 | 0.463 |
| 3.3.1.23 | . | . | 100.000 | 0.473 |
| 3.3.1.24 | . | . | 100.000 | 0.480 |
| 3.3.1.25 | . | . | 100.000 | 0.483 |
| 3.3.1.26 | . | . | 100.000 | 0.483 |
| 3.3.1.27 | . | . | 100.000 | 0.480 |
| 3.3.1.28 | . | . | 100.000 | 0.473 |
| 3.3.1.29 | . | . | 100.000 | -0.387 |
| 3.3.1.30 | . | . | 100.000 | 0.086 |
| 3.3.1.31 | . | . | 100.000 | 0.083 |
| 3.3.1.32 | . | . | 100.000 | 0.079 |
| 3.3.1.33 | . | . | 100.000 | 0.076 |

| | | | | |
|----------|---|-------|---------|-------|
| 3.3.1.34 | . | . | 100.000 | 0.071 |
| 3.3.1.35 | . | . | 100.000 | 0.067 |
| 3.3.1.36 | . | . | 100.000 | 0.063 |
| 3.3.1.37 | . | . | 100.000 | 0.058 |
| 3.3.1.38 | . | . | 100.000 | 0.053 |
| 3.3.1.39 | . | 1.000 | 100.000 | 0.008 |
| 3.3.1.40 | . | 1.000 | 100.000 | 0.007 |
| 3.3.1.41 | . | 1.000 | 100.000 | 0.006 |
| 3.3.1.42 | . | 1.000 | 100.000 | 0.006 |
| 3.3.1.43 | . | 1.000 | 100.000 | 0.167 |
| 3.3.1.44 | . | 4.000 | 100.000 | 0.004 |
| 3.3.1.45 | . | . | 100.000 | EPS |
| 3.3.1.46 | . | . | 100.000 | EPS |
| 3.3.1.47 | . | 7.000 | 100.000 | 0.097 |
| 3.3.1.48 | . | 2.000 | 100.000 | EPS |
| 3.3.1.49 | . | . | 100.000 | 0.071 |
| 3.3.1.50 | . | . | 100.000 | 0.002 |
| 3.3.2.1 | . | . | 100.000 | 0.038 |
| 3.3.2.2 | . | . | 100.000 | 0.045 |
| 3.3.2.3 | . | . | 100.000 | 0.053 |
| 3.3.2.4 | . | . | 100.000 | 0.062 |
| 3.3.2.5 | . | . | 100.000 | 0.071 |
| 3.3.2.6 | . | . | 100.000 | 0.082 |
| 3.3.2.7 | . | . | 100.000 | 0.093 |
| 3.3.2.8 | . | . | 100.000 | 0.106 |

| | | | | |
|----------|---|---|---------|-------|
| 3.3.2.9 | . | . | 100.000 | 0.119 |
| 3.3.2.10 | . | . | 100.000 | 0.133 |
| 3.3.2.11 | . | . | 100.000 | 0.148 |
| 3.3.2.12 | . | . | 100.000 | 0.163 |
| 3.3.2.13 | . | . | 100.000 | 0.178 |
| 3.3.2.14 | . | . | 100.000 | 0.194 |
| 3.3.2.15 | . | . | 100.000 | 0.209 |
| 3.3.2.16 | . | . | 100.000 | 0.224 |
| 3.3.2.17 | . | . | 100.000 | 0.239 |
| 3.3.2.18 | . | . | 100.000 | 0.252 |
| 3.3.2.19 | . | . | 100.000 | 0.265 |
| 3.3.2.20 | . | . | 100.000 | 0.276 |
| 3.3.2.21 | . | . | 100.000 | 0.286 |
| 3.3.2.22 | . | . | 100.000 | 0.294 |
| 3.3.2.23 | . | . | 100.000 | 0.300 |
| 3.3.2.24 | . | . | 100.000 | 0.304 |
| 3.3.2.25 | . | . | 100.000 | 0.306 |
| 3.3.2.26 | . | . | 100.000 | 0.306 |
| 3.3.2.27 | . | . | 100.000 | 0.304 |
| 3.3.2.28 | . | . | 100.000 | 0.300 |
| 3.3.2.29 | . | . | 100.000 | 0.294 |
| 3.3.2.30 | . | . | 100.000 | 0.037 |
| 3.3.2.31 | . | . | 100.000 | 0.035 |
| 3.3.2.32 | . | . | 100.000 | 0.034 |
| 3.3.2.33 | . | . | 100.000 | 0.032 |

| | | | | |
|----------|---|-------|---------|-----------|
| 3.3.2.34 | . | . | 100.000 | 0.031 |
| 3.3.2.35 | . | . | 100.000 | 0.029 |
| 3.3.2.36 | . | . | 100.000 | 0.027 |
| 3.3.2.37 | . | . | 100.000 | 0.025 |
| 3.3.2.38 | . | . | 100.000 | 0.023 |
| 3.3.2.39 | . | 1.000 | 100.000 | 0.003 |
| 3.3.2.40 | . | 1.000 | 100.000 | 0.003 |
| 3.3.2.41 | . | 1.000 | 100.000 | 0.003 |
| 3.3.2.42 | . | 1.000 | 100.000 | 0.002 |
| 3.3.2.43 | . | . | 100.000 | 0.106 |
| 3.3.2.44 | . | . | 100.000 | 0.002 |
| 3.3.2.45 | . | . | 100.000 | 0.082 |
| 3.3.2.46 | . | . | 100.000 | 0.001 |
| 3.3.2.47 | . | . | 100.000 | 0.062 |
| 3.3.2.48 | . | 9.000 | 100.000 | 0.001 |
| 3.3.2.49 | . | . | 100.000 | 0.045 |
| 3.3.2.50 | . | . | 100.000 | 7.7320E-4 |
| 3.4.1.1 | . | . | 100.000 | 0.072 |
| 3.4.1.2 | . | . | 100.000 | 0.085 |
| 3.4.1.3 | . | . | 100.000 | 0.099 |
| 3.4.1.4 | . | . | 100.000 | 0.116 |
| 3.4.1.5 | . | . | 100.000 | 0.134 |
| 3.4.1.6 | . | . | 100.000 | 0.154 |
| 3.4.1.7 | . | . | 100.000 | 0.175 |
| 3.4.1.8 | . | . | 100.000 | 0.199 |

| | | | | |
|----------|---|---|---------|--------|
| 3.4.1.9 | . | . | 100.000 | 0.224 |
| 3.4.1.10 | . | . | 100.000 | 0.250 |
| 3.4.1.11 | . | . | 100.000 | 0.277 |
| 3.4.1.12 | . | . | 100.000 | 0.306 |
| 3.4.1.13 | . | . | 100.000 | 0.334 |
| 3.4.1.14 | . | . | 100.000 | 0.363 |
| 3.4.1.15 | . | . | 100.000 | 0.392 |
| 3.4.1.16 | . | . | 100.000 | 0.420 |
| 3.4.1.17 | . | . | 100.000 | 0.448 |
| 3.4.1.18 | . | . | 100.000 | 0.473 |
| 3.4.1.19 | . | . | 100.000 | 0.497 |
| 3.4.1.20 | . | . | 100.000 | 0.518 |
| 3.4.1.21 | . | . | 100.000 | 0.536 |
| 3.4.1.22 | . | . | 100.000 | 0.551 |
| 3.4.1.23 | . | . | 100.000 | 0.563 |
| 3.4.1.24 | . | . | 100.000 | 0.571 |
| 3.4.1.25 | . | . | 100.000 | 0.575 |
| 3.4.1.26 | . | . | 100.000 | 0.575 |
| 3.4.1.27 | . | . | 100.000 | 0.571 |
| 3.4.1.28 | . | . | 100.000 | 0.563 |
| 3.4.1.29 | . | . | 100.000 | -0.299 |
| 3.4.1.30 | . | . | 100.000 | 0.171 |
| 3.4.1.31 | . | . | 100.000 | 0.165 |
| 3.4.1.32 | . | . | 100.000 | 0.159 |
| 3.4.1.33 | . | . | 100.000 | 0.151 |

| | | | | |
|----------|---|---|---------|-------|
| 3.4.1.34 | . | . | 100.000 | 0.143 |
| 3.4.1.35 | . | . | 100.000 | 0.134 |
| 3.4.1.36 | . | . | 100.000 | 0.125 |
| 3.4.1.37 | . | . | 100.000 | 0.116 |
| 3.4.1.38 | . | . | 100.000 | 0.107 |
| 3.4.1.39 | . | . | 100.000 | 0.056 |
| 3.4.1.40 | . | . | 100.000 | 0.051 |
| 3.4.1.41 | . | . | 100.000 | 0.046 |
| 3.4.1.42 | . | . | 100.000 | 0.041 |
| 3.4.1.43 | . | . | 100.000 | 0.199 |
| 3.4.1.44 | . | . | 100.000 | 0.032 |
| 3.4.1.45 | . | . | 100.000 | 0.025 |
| 3.4.1.46 | . | . | 100.000 | 0.021 |
| 3.4.1.47 | . | . | 100.000 | 0.116 |
| 3.4.1.48 | . | . | 100.000 | 0.016 |
| 3.4.1.49 | . | . | 100.000 | 0.085 |
| 3.4.1.50 | . | . | 100.000 | 0.013 |
| 3.4.2.1 | . | . | 100.000 | 0.043 |
| 3.4.2.2 | . | . | 100.000 | 0.051 |
| 3.4.2.3 | . | . | 100.000 | 0.060 |
| 3.4.2.4 | . | . | 100.000 | 0.070 |
| 3.4.2.5 | . | . | 100.000 | 0.080 |
| 3.4.2.6 | . | . | 100.000 | 0.092 |
| 3.4.2.7 | . | . | 100.000 | 0.105 |
| 3.4.2.8 | . | . | 100.000 | 0.119 |

| | | | | |
|----------|---|---|---------|-------|
| 3.4.2.9 | . | . | 100.000 | 0.134 |
| 3.4.2.10 | . | . | 100.000 | 0.150 |
| 3.4.2.11 | . | . | 100.000 | 0.167 |
| 3.4.2.12 | . | . | 100.000 | 0.184 |
| 3.4.2.13 | . | . | 100.000 | 0.201 |
| 3.4.2.14 | . | . | 100.000 | 0.219 |
| 3.4.2.15 | . | . | 100.000 | 0.236 |
| 3.4.2.16 | . | . | 100.000 | 0.253 |
| 3.4.2.17 | . | . | 100.000 | 0.269 |
| 3.4.2.18 | . | . | 100.000 | 0.285 |
| 3.4.2.19 | . | . | 100.000 | 0.299 |
| 3.4.2.20 | . | . | 100.000 | 0.311 |
| 3.4.2.21 | . | . | 100.000 | 0.322 |
| 3.4.2.22 | . | . | 100.000 | 0.332 |
| 3.4.2.23 | . | . | 100.000 | 0.339 |
| 3.4.2.24 | . | . | 100.000 | 0.343 |
| 3.4.2.25 | . | . | 100.000 | 0.346 |
| 3.4.2.26 | . | . | 100.000 | 0.346 |
| 3.4.2.27 | . | . | 100.000 | 0.343 |
| 3.4.2.28 | . | . | 100.000 | 0.339 |
| 3.4.2.29 | . | . | 100.000 | 0.332 |
| 3.4.2.30 | . | . | 100.000 | 0.073 |
| 3.4.2.31 | . | . | 100.000 | 0.071 |
| 3.4.2.32 | . | . | 100.000 | 0.068 |
| 3.4.2.33 | . | . | 100.000 | 0.065 |

| | | | | |
|----------|---|---|---------|-------|
| 3.4.2.34 | . | . | 100.000 | 0.061 |
| 3.4.2.35 | . | . | 100.000 | 0.058 |
| 3.4.2.36 | . | . | 100.000 | 0.054 |
| 3.4.2.37 | . | . | 100.000 | 0.050 |
| 3.4.2.38 | . | . | 100.000 | 0.046 |
| 3.4.2.39 | . | . | 100.000 | 0.024 |
| 3.4.2.40 | . | . | 100.000 | 0.022 |
| 3.4.2.41 | . | . | 100.000 | 0.020 |
| 3.4.2.42 | . | . | 100.000 | 0.018 |
| 3.4.2.43 | . | . | 100.000 | 0.119 |
| 3.4.2.44 | . | . | 100.000 | 0.014 |
| 3.4.2.45 | . | . | 100.000 | 0.092 |
| 3.4.2.46 | . | . | 100.000 | 0.011 |
| 3.4.2.47 | . | . | 100.000 | 0.070 |
| 3.4.2.48 | . | . | 100.000 | 0.008 |
| 3.4.2.49 | . | . | 100.000 | 0.051 |
| 3.4.2.50 | . | . | 100.000 | 0.006 |

LOWER LEVEL UPPER MARGINAL

--- VAR Z -INF 1068.465 +INF .

Z total cost

**** REPORT SUMMARY : 0 NONOPT

0 INFEASIBLE

0 UNBOUNDED

EXECUTION TIME = 0.065 SECONDS 2 Mb LNX228-228 Jul 26, 2008

USER: MCS Department: NEOS Server G080625:1209AS-LNX

Argonne National Labs DC7116

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**** FILE SUMMARY

Input /nfs/mcs-homes64/neosotc/.neos5/jobs/2206196/gams.mod

Output /nfs/mcs-homes64/neosotc/.neos5/jobs/2206196/solve.out

%% GAMS LOGFILE %%

--- Job gams.mod Start 11/17/10 07:24:29

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Licensee: MCS Department: NEOS Server G080625:1209AS-LNX

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--- Starting compilation

--- gams.mod(347) 3 Mb
--- Starting execution: elapsed 0:00:00.013
--- gams.mod(314) 4 Mb
--- Generating MIP model STO_IP
--- gams.mod(345) 4 Mb
--- 2,701 rows 2,413 columns 14,413 non-zeroes
--- 2,412 discrete-columns
--- Executing XPRESS: elapsed 0:00:00.068

Xpress-MP Aug 1, 2008 22.8.1 LNX 5247.6015 LX3 x86/Linux
Xpress-MP licensed by Dash to GAMS Development Corp. for GAMS

Reading data . . . done.

Reading Problem /gmsxp_xx

Problem Statistics

2701 (3201 spare) rows
2413 (0 spare) structural columns
14413 (15804 spare) non-zero elements

Global Statistics

2412 entities 0 sets 0 set members

Presolved problem has: 2300 rows 2412 cols 9600 non-zeros

LP relaxation tightened

| Its | Obj Value | S | Ninf | Nneg | Sum Inf | Time |
|-----|-----------|---|------|------|---------|------|
|-----|-----------|---|------|------|---------|------|

| | | | | | | |
|------|-------------|---|-----|---|-------------|---|
| 0 | .000000 | D | 300 | 0 | 7650.000000 | 0 |
| 100 | 39.178700 | D | 333 | 0 | 7650.000000 | 0 |
| 200 | 99.100638 | D | 350 | 0 | 7671.166667 | 0 |
| 300 | 192.393794 | D | 364 | 0 | 7671.166667 | 0 |
| 400 | 315.653281 | D | 379 | 0 | 7671.166667 | 0 |
| 500 | 485.259964 | D | 395 | 0 | 6945.958333 | 0 |
| 600 | 662.807648 | D | 378 | 0 | 6945.958333 | 0 |
| 700 | 775.057057 | D | 315 | 0 | 6945.958333 | 0 |
| 800 | 925.892333 | D | 383 | 0 | 7031.937500 | 0 |
| 900 | 1023.523935 | D | 265 | 0 | 7031.937500 | 0 |
| 1000 | 1042.793149 | D | 456 | 0 | 3115.635417 | 0 |
| 1100 | 1067.102256 | D | 62 | 0 | 42.666667 | 0 |
| 1132 | 1068.379968 | P | 0 | 0 | .000000 | 0 |
| 1132 | 1068.379968 | P | 0 | 0 | .000000 | 0 |

Optimal solution found

LP relaxation solved: objective = 1068.38

Generating cuts

| Its | Type | BestSoln | BestBound | Sols | Add | Del | Gap | Glnf | Time |
|-----|------|-------------|-------------|------|-----|-----|--------|------|------|
| 1 | K | 1068.557493 | 1068.379968 | 1 | 0 | 0 | 0.02% | 261 | 0 |
| 2 | G | 1068.557493 | 1068.461711 | 1 | 261 | 0 | 0.009% | 101 | 0 |
| 3 | G | 1068.557493 | 1068.465311 | 1 | 101 | 327 | 0.009% | 0 | 0 |

Cuts in the matrix : 35

Cut elements in the matrix : 1085

Cuts in the cutpool : 362

Cut elements in the cutpool: 8661

*** Heuristic solution found: 1068.557493 Time: 0 ***

| | Node | BestSoln | BestBound | Sols | Active | Depth | Gap | Glnf | Time |
|---|------|-------------|-------------|------|--------|-------|--------|------|------|
| * | 1 | 1068.465311 | 1068.465311 | 2 | 0 | 0 | .00000 | 0 | 0 |

*** Search completed *** Time: 0 Nodes: 1

Number of integer feasible solutions found is 2

Best integer solution found is 1068.465311

Uncrunching matrix

calling chgbnds (2412,idx,type,bnds)

fixing discrete vars and re-solving as an LP.

Presolved problem has: 296 rows 293 cols 936 non-zeros

LP relaxation tightened

?140 Warning: Basis lost - recovering

| Its | Obj Value | S | Ninf | Nneg | Sum Inf | Time |
|-----|-----------|---|------|------|------------|------|
| 0 | .000000 | p | 1 | 0 | 133.558164 | 0 |
| 1 | .000000 | p | 0 | 0 | .000000 | 0 |

Optimal solution found

fixed LP solved successfully, objective = 1068.46531071.

Integer solution proven optimal.

MIP solution : 1068.465311

Best possible : 1068.465311

Absolute gap : 0.000000 optca : 0.000000

Relative gap : 0.000000 optcr : 0.100000

--- Restarting execution

--- gams.mod(345) 0 Mb

--- Reading solution for model STO_IP

*** Status: Normal completion

--- Job gams.mod Stop 11/17/10 07:24:30 elapsed 0:00:01.095