

```
#####  
#  
#   B R I D G E   R A T I N G   #  
#           Dec 2013           #  
#  
# Bridge No. : 814             #  
# Bridge Name:                 #  
#   POST ST. BRIDGE           #  
#  
#  
#  
#####
```

Girder "E"

=====

B R I D G E R A T I N G S U M M A R Y

*** Per FHWA Specifications ***

=====

Bridge Number..: 814

Bridge Name....: POST ST. BRIDGE

Location.....: 0.6 MILES N. OF I-90

Date Built.....: 1917 WIDENING 1937

Rated By.....: MMS

ADTV.....: 9900

BRIDG Revision..: 10.8 Sep 16 2007

GENERAL NOTES:

=====

Concrete Conventional Reinforcing

Girder E

Last inspected: 1994

SPAN/MEMBER INFORMATION (Continued):

-----FHWA Resistance Factors -----

Mbr	Span	Length	CONVENTIONAL REINFORCED		--PRESTRESSED--			--POST-TENSION--		
			MOM	SHR	Pos	Neg	SHR	Pos	Neg	SHR
1	1	4.00	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
2	2	12.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
3	3	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
4	4	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
5	5	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
6	6	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
7	7	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
8	8	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
9	9	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
10	10	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
11	11	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
12	12	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
13	13	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
14	14	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
15	15	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
16	16	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
17	17	18.50	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
18	18	19.00	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
			=====							
			313.00							

**** R A T I N G F A C T O R S ****

=====

RF=Rating Factor RT=RF*36(tons) RMT=RF*(32.659M-tons)

Combination	RF	--- Inventory ---			--- Operating ---			Fatigue
		Mom	Shr	Srv	Mom	Shr	Srv	
HS20	RF	0.30	0.61	-NC-	0.50	1.02	-NC-	0.63
AASHTO 1	RF	0.31	0.67	-NC-	0.52	1.12	-NC-	0.66
AASHTO 2	RF	0.34	0.73	-NC-	0.57	1.22	-NC-	0.72
AASHTO 3	RF	0.38	0.81	-NC-	0.64	1.35	-NC-	0.80
OL1	RF	0.25	0.52	-NC-	0.41	0.87	-NC-	0.52
OL2	RF	0.20	0.44	-NC-	0.33	0.73	-NC-	0.47
TROLLEY	RF	0.45	0.92	-NC-	0.75	1.54	-NC-	0.89
GMC T8H603	RF	0.45	0.92	-NC-	0.75	1.54	-NC-	0.89
FLEXIBLE 870	RF	0.43	0.87	-NC-	0.71	1.45	-NC-	0.84

**** R A T I N G F A C T O R S (Continued) ****

**** R A T I N G F A C T O R S ****

=====

RF=Rating Factor RT=RF*36(tons) RMT=RF*(32.659M-tons)

Combination	RF	---- Inventory ----			---- Operating ----			Fatigue
		Mom	Shr	Srv	Mom	Shr	Srv	
ARTICULATED-SG3	RF	0.51	1.04	-NC-	0.86	1.74	-NC-	1.01

TEMPLATE REV:10.8
BDF FILE: GirderMidArch2013.bdf
TIME : Tue Dec 17 17:26:24 2013

* =====
[BEGIN DATA ENTRY] <Beginning of standard "BRIDG" data entry blocks>
* =====

* [GENERAL COMMENTS] 0000 <BDF File Comments>
* =====

* "BRIDG" DATA BLOCK NAMES, REFERENCE NUMBER, AND DESCRIPTION.
* FOR EASE IN EDITING/SEARCHING, EACH DATA BLOCK NAME IS ENCLOSED IN SQUARE BRACKETS ([]).
*

NAME	NUM	DESCRIPTION
GENERAL COMMENTS	0000	General Comments
BRIDGE DESCRIPTION	0001	Bridge Description
ANALYSIS CTRLS	0003	Analysis Controls and Parameters
IMP & RES FACTORS	0004	Impact and Resistance Factors
NBI RES FACTORS	0005	NBI Resistance Factors
FRAME DESCRIPTION	1001	Frame Description
STAGED CONSTRUCTION	1001A	Staged Construction Analysis
COLUMN PROPERTIES	1002	Column Data
BRACE PROPERTIES	1003	Brace Data
PROFILE GRADE	1006	Profile Grade Elevations
BARRIER & SW GEOM	1008	Barrier and Sidewalk Geometry
BOX GIRDER LIBRARY	1010	Box Girder Cross-Section Library
BOX GIRDER MEMBER	1011	Box Girder Member Composition
SLAB MEMBER	1013	Voided Slab Member Composition
PC BOX LIBRARY	1014A	Precast Box Girder Library
PC GIRDER LIBRARY	1014B	Precast Girder Library
MISC GIRDER LIBRARY	1014C	Miscellaneous Girder Library
GIRDER SPACING	1015A	Multiple Girder Spacing
GIRDER MEMBER COMP	1015B	Girder/Slab Member Description
RAISED CROSS BEAM	1016	Raised Cross-Beam Description
MEMBER TRANSITION	1017	Automatic Member transition
SHEAR STEEL	1021	Shear Steel Data
TOP STEEL(A)	1022	Top Longitudinal Steel - Negative Moment Reinforcement Data
BOTTOM STEEL(A)	1023	Bottom Longitudinal Steel - Positive Moment Reinforcement Data
TOP STEEL(B)	1024	Top Longitudinal Steel - Negative Moment Reinforcement Data
BOTTOM STEEL(B)	1025	Bottom Longitudinal Steel - Positive Moment Reinforcement Data
CABLE PATH DATA	1030	Prestress - Cable Path Data
CABLE PATH GEOMETRY	1031	Prestress - Cable Geometry
DEAD LOADS	1045	Define Dead Loads
MEMBER DEAD LOADS	1046	Member Dead Load Entry
MEMBER DL DIST	1047	Member Dead Load Distribution
MEMBER LIVE LOADS	1048	Member Live Load Entry
TRUCK DEFINITION	1049	Live Load - Truck Data
LOAD COMBINATIONS	1050	Live Load Combinations
TRANSVERSE ANALYSIS	1100	Transverse Beam General Header and Comments
TR-BEAM/SLAB/XBEAM	1101	Slab / Lane / Xbeam Descriptions
TR-LOAD TRANSFER LOC	1102	Transverse Beam Load Locations
TR-REACTIONS	1105	Transverse Beam Reaction Loads
TR-LOAD COMBINATIONS	1110	Cross Beam Live Load Combination
AR:COMP.TRAN.SECT	5100	Composite Transformed Section Properties
AR:GIRDER SECT PROP	5101	Non-Composite Girder Section Properties
AR:CABLE DATA	5200	Prestress Cable Info at Member Tenth Points
AR:STRAIN COMPAT.	5201	Strain Compatability Info at Member Tenth Points
AR:ULTIMATE CAPACITY	5202	Span Ultimate Capacities
AR:DEAD LOADS (FACT)	5300	Working Dead Load, Superimposed Dead Load, and Secondary Shears and Moments
AR:LIVE LOADS (FACT)	5302	Factored Live Load Combination Shear and Moment Envelopes
AR:DL WORKING STRESS	5400	Dead Load and Superimposed Dead Load Working Stresses
AR:PS WORKING STRESS	5401	Prestress and Secondary Working Stresses
AR:LL WORKING STRESS	5402	Live Load Working Stresses for Load Combinations
AR:WRK STRESS STL -A	5403	Working Stress in Conventional Tension Reinforcement - Part A
AR:WRK STRESS STL -B	5404	Working Stress in Conventional Tension Reinforcement - Part B
AR:DL FCT WRK STRESS	5500	Factored Dead, Superimposed Dead and Prestress Horizontal Shear Stresses
AR:LL FCT HRZ STRESS	5501	Factored Live Load Horizontal Shear Stresses
AR:UNFACTORED REACT	5600	Unfactored Reactions
AR:NODE FORCE/DISP	5601	Node reaction forces and displacements
AR:MEMBER DL DISP	5602	Span static load vertical elastic displacements
AR:MEMBER LL DISP	5603	Span live load vertical elastic displacements
AR:LOAD RATINGS	5700	Load Rating Factors
AR:LOAD RATINGS-FHWA	5700A	Load Rating Factors per AASHTO-1994 Criteria

* =====
[BRIDGE DESCRIPTION] 0001 <General Bridge Description Data>
* =====

* Use the "DESC" entries to include bridge descriptive data with the bridge computer data base.
* None of the "DESC" information is used by the rating program, but will be included in the program report.
*

* VALID KEY WORDS: BNUM --> Bridge Number
* DATE --> Year bridge was built and other pertinent date information.

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*          ENGR    --> Design Engineer
*          RATER   --> Enter name of company, date, and person rating bridge.
*          NAME    --> Bridge Name
*          LOC     --> Bridge location, include route/hwy number, milepost, and descriptive location.
*          ADTV    --> Average Daily Traffic Reports, and Count Date if supplied.
*          TITL1   --> First line of Title that appears on front page of RPT file in title box.
*          TITL2   --> Second line of Title that appears on front page of RPT file in title box.
*          FOOT1   --> Footing that appears on bottom of report. Line 1. Typically company name.
*          FOOT2   --> Footing that appears on bottom of report. Line 2. Typically company type.
*          DESC    --> Any other descriptive information that should be included with the computer database info.
*
*          Standard uses for DESC are:
*          1) Description of bridge structural system. Example: Concrete Box Girder.
*          2) Type of reinforcing. Example: Conventional Reinforcing.
*          3) Latest inspection report date. Example: Latest inspection report - 10/31/90.
*          4) Statement specifying whether or not bridge has a wearing surface.

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*
* A maximum of 10 "DESC" entries may be entered. If there is a need to use more than one
* "DESC", use another "DESC" entry and indent the remaining text if desired.
* All "DESC" entries are printed on the summary page of the report in order entered.

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* WSDOT requires the following Four "DESC" lines:

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- 1) DESCRIPTION OF BRIDGE TYPE, FOR EXAMPLE:
Concrete Box Girder, Conventional Reinf., High Abutments, Tapered Center Column.
- 2) DESIGN LOADING, FOR EXAMPLE:
Design Loads: HS20 or TWO 24 KIP AXLES at 4 Ft Ctrs
- 3) LATEST INSPECTION REPORT, FOR EXAMPLE:
Latest Inspection Date - 10/31/1990
- 4) WEARING SURFACE DESCRIPTION OR NOTE THAT THERE IS NONE.

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*
* KEY

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WORD      TEXT
=====
BNUM      814
DATE      1917 WIDENING 1937
ENGR      CITY OF SPOKANE
RATER     MMS
NAME      POST ST. BRIDGE
LOC       0.6 MILES N. OF I-90
ADTV      9900
CDATE
TITL1
TITL2
FOOT1     Girder "E"
FOOT2
DESC      Concrete Conventional Reinforcing
DESC      Girder E
DESC      Last inspected: 1994

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* =====
* # [ANALYSIS CTRLS]      0003 <Analysis Controls and Parameters>
* =====

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* NOMENCLATURE: Each Keyword has an accompanying value, a Yes or No, or another keyword.
* The accompanying type is specified by the following:
* # = a number
* (Yes/No) = The words Yes or No
* <keyword> = Another keyword

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* COMMENTS: If Transverse Analysis:
* Data block 1049 is ignored.
* If a ".REA" is not available, data block 1105 must be used.

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* TRUCK SPEED CONTROLS:

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* During live load calculations, the distance a truck or point load is moved
* is controlled by two values: TruckSpeed and MotionMode.
*
* For Longitudinal Analysis, if MotionMode is set to 'F' for fraction, then the
* truck is moved a distance equal to TruckSpeed times the length of the current
* span. The current span is the span that the truck's front wheel is on. The
* truck is always started at the beginning of each span.
*
* For transverse analysis, if MotionMode is set to 'F' then each truck is moved
* a distance equal to TruckSpeed times Lane Width.
*
* If MotionMode is set to 'D' for distance, then all live loads are moved a
* distance equal to Truck Speed for each iteration.
*
* The following are suggested values, but bridges with both short and long
* spans may need adjustment to these parameters.

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- 1) Longitudinal Analysis:
MotionMode = 'F', TruckSpeed = 0.05 (1/20 span length)
- 2) Transverse Analysis: MotionMode = 'F', TruckSpeed = 0.25 (1/4 lane width)

*
*
* Note: For Longitudinal Analysis, the TruckSpeed is limited to a minimum
* of IDist and a maximum of 10 feet.
*
*

	KeyWord	Comment
* Keywords for:NoShrRFCLS	None	This option not active
* RdMomRFCLS	FaceOfSup	Face of support
*	Dg/2	1/2 Girder Depth from face of support
*	D/2	1/2 Total Depth from face of support
*	Dg	Girder Depth from face of support
*	D	Total Depth from face of support

Key Word	or KeyWrd	Type	COMMENT
====	====	====	====

*----- Analysis / Graphics Controls -----

ModelType	Lngitudnal	(Keyword)	Either: Lngitudnal (Longitudinal) or Transverse. Lngitudnal is the default.
IDist	0.500	(#)(ft)	Analysis Integration Distance
MinANodes	20	(#)	Minimum number of analysis nodes per member.
MaxDNodes	10.000	(#)(ft)	Maximum distance between analysis nodes.
TruckSpeed	0.050	(% or ft)	See Truck Speed notes in header
MotionMode	F	(F or D)	See Truck Speed notes in header
LnLdSpeed	2	(#)	Lane Load Rider speed as multiple of IDist
TickTime	999	(Seconds)	Screen update interval for "crunching icon" while BDRS is working. 999=Off
MotionIter	999	(#)	Number of analysis iterations per screen animation updates. 999=No Animation.
WhLdSpread	2.000	(#)(ft)	Distance to spread wheel load over
RptMbrTran	N	(Yes/No)	Report member sections generated by MemberTransition in report file.

*----- Valid ONLY for FHWA analysis method -----

FHWAAutoCv	N	(Yes/No)	Automatically convert DLFactor=1.3 and HS20 truck ONLY.
InvLLF	2.170	(#)	Inventory Live Load factor.
OperLLF	1.300	(#)	Operating Live Load factor.
MomArmCnvg	0.042	(inches)	Convergence distance when computing compression block moment arm.
SetMRatio	0.000	(#)	Force modular ratio to value. If zero then BRIDG will compute modular ratio.

*----- Analysis Switches -----

CalcInf	Y	(Yes/No)	Calculate influence lines. (Results in diagnostic file .INF)
CalcBC	Y	(Yes/No)	Calculate FEM Nodal Boundary Condition Resultant Forces.
CalcColBr	N	(Yes/No)	Calculate Column/Brace forces (Results in diagnostic file .CBF)

*----- Factors and logic controls -----

DLFactor	1.200	(#)	Dead ultimate load factor.
PSFactor	1.000	(#)	PS ultimate load factor.
ColConcWt	155.000	(#)(pcf)	Column concrete weight.
BrcConcWt	155.000	(#)(pcf)	Brace concrete weight.
GrdConcWt	155.000	(#)(pcf)	Girder concrete weight.
SlabConcWt	155.000	(#)(pcf)	Slab concrete weight.
LongStlFy	33.000	(#)(ksi)	Longitudinal steel yield strength.
ShrStlFy	33.000	(#)(ksi)	Shear steel yield strength.
SrvLRNM	Y	(Yes/No)	Service load rating for negative moment.
CreepFact	1.000	(#)	Creep factor for long term displacements.
CrackMom	N	(Yes/No)	Use cracking moment as minimum concrete capacity.
StrCapComp	Y	(Yes/No)	Strain compatibility - use mild compression steel.
StrCapTol	1.000	(#)(Kips)	Strain compatibility calculation iteration tolerance.
CTratio	0.900	(#)	Ratio of yield stress to ultimate stress of prestress strand. Used in CT equations.

*----- Load Reduction and Adjustment Codes -----

PsShrRFCLS	D/2	(Keyword)	Reduce loads for prestress shear rate from center line of support to <keyword>.
CvShrRFCLS	D	(Keyword)	Reduce loads for conventional shear rate from center line of support to <keyword>.
PsMomRFCLS	None	(Keyword)	Reduce loads for prestress moment rate from center line of support to <keyword>.
CvMomRFCLS	FaceOfSup	(Keyword)	Reduce loads for conventional moment rate from center line of support to <keyword>.
NegMomInc	N	(Yes/No)	Negative moment increase 1/2d from face of support.
RateSupt	Y	(Yes/No)	Rate from center line of support to face of support.

*----- Concrete Allowable Stresses -----

HorzShr	0.000	(psi)	Allow horiz shear stress, if left blank or set equal to zero horiz shear will not be checked.
AllowTen	6.000	(mult)	Allow PS concrete tension stress multiplier * SQRT(f'c). If 0.0 then default to 6.0
AllowTenOL	6.900	(mult)	Allow PS concrete tension stress multiplier * SQRT(f'c) for Overload. If 0.0 then default to 6.9
AllowCmp	0.400	(mult)	Allow PS concrete compression stress multiplier * (f'c). If 0.0 then default to 0.4
AllowCmpOL	0.690	(mult)	Allow PS concrete compression stress multiplier * (f'c) for Overload. If 0.0 then default to 0.69

* =====
[IMP & RES FACTORS] 0004 <Impact and Resistance Factors>
* =====
* Reference AASHTO and WSDOT BDM for correct factors.
* The "SPAN COND. CODE" and "SPAN CONDITION FIELD SURVEY COMMENTS" fields are for documentation only and
* not used by the program.
*

REDUNDANT	SPAN				
MBR	CODE	RESISTANCE FACT.	COND		
#	N/R	MOMENT	SHEAR	CODE.	SPAN CONDITION FIELD SURVEY COMMENTS
===	=	==	==	=	=====
1	R	0.90	0.85	7	Inspection showed shear areas to be deteriorated but
2	R	0.90	0.85	7	moment areas are in better shape. Adjusted shear

3	R	0.90	0.85	7	resistance factors accordingly. Span condition code
4	R	0.85	0.75	6	represents shear.
5	R	0.80	0.65	4	
6	R	0.85	0.75	6	
7	R	0.85	0.75	6	
8	R	0.90	0.85	7	
9	R	0.90	0.85	7	Area inaccessible for inspection
10	R	0.90	0.85	7	Area inaccessible for inspection
11	R	0.90	0.85	7	
12	R	0.85	0.75	6	
13	R	0.85	0.75	6	
14	R	0.85	0.75	6	
15	R	0.80	0.65	4	
16	R	0.90	0.85	7	
17	R	0.90	0.85	7	
18	R	0.90	0.85	7	

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* =====
# [NBI RES FACTORS]      0005 <NBI Resistance Factors>
* =====
* Reference AASHTO and WSDOT BDM for correct factors.
*
* Default Values: REINFORCED CONCRETE (No PS or PT):  MOM=0.90 SHR=0.85
*                  PRESTRESSED CONCRETE .....: PosMOM=1.00 NegMOM=0.90 SHR=0.90
*                  POST-TENSIONED .....: PosMOM=0.95 NegMOM=0.90 SHR=0.90
*
*

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MBR #	CONVENTIONAL REINFORCED		--PRESTRESSED--			--POST-TENSION--		
	MOM	SHR	Pos MOM	Neg MOM	SHR	Pos MOM	Neg MOM	SHR
1	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
2	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
3	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
4	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
5	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
6	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
7	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
8	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
9	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
10	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
11	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
12	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
13	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
14	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
15	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
16	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
17	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90
18	0.90	0.85	1.00	0.90	0.90	0.95	0.90	0.90

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* =====
# [FRAME DESCRIPTION]    1001 <Finite Element Model Description>
* =====
* MEMBER END NOMENCLATURE:  L = Left end for Horizontal members or
*                           first defined member end for Columns and Braces.
*                           R = Right end for Horizontal members or
*                           Second defined member end for Columns and Braces.
*
* NODE NUMBER:  Node numbers for the Left and Right member ends.
*
* SUPPORT CODE:  Member End Boundary Condition:
*               Pin = P,  Roller = R,  Fix = F  These are Nodal Fixity Codes.
*               Hinge = H  Release moment continuity between member end and adjoining member(S)
*
* DIRECTION:    Horizontal = H,  Vertical = V,  Brace = B.
*
* COLUMN BASE OFFSET:  Distance a sloped column is offset from top to base.
*                       If column base offset is positive this indicates a positive
*                       slope from the base up to the bridge.
*
* SUPPORT WIDTH:  Entry valid for horizontal members.
*                 if left blank, then loads at the centerline of the support are used.
*
* COMMENTS:      Horizontal Members must be listed prior to listing Columns.
*                 Horizontal Members must begin with Member 1 and be numbered contiguously.
*                 Columns must begin with the Number 1 and be numbered contiguously.
*                 Braces must be listed last and use nodes already defined by the HORZ. or VERT. Members.
*

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- MEMBER END --
MBR - CONDITIONS --
OR  NODE SUPPORT COLUMN
COL NUMBER CODE  OFFSET - SUPPORT WIDTH -
#   L  R  L  R  DIR  (ft)  (ft)  (ft)  LENGTH
#   L  R  L  R  DIR  (ft)  (ft)  (ft)  (ft)
===  ===  ===  ===  ===  ===  ===  ===  ===

```

#	L	R	L	R	DIR	OFFSET (ft)	SUPPORT (ft)	WIDTH (ft)	LENGTH (ft)
1	1	2	F	F	H		0.50	0.50	4.00
2	2	3	F	H	H		0.50	0.50	12.50
3	3	4	F	H	H		0.50	0.50	18.50
4	4	5	F	H	H		0.50	0.50	18.50
5	5	6	F	H	H		0.50	0.50	18.50

6	6	7	F	H	H	0.50	0.50	18.50
7	7	8	F	H	H	0.50	0.50	18.50
8	8	9	F	H	H	0.50	0.50	18.50
9	9	10	F	F	H	0.50	0.50	18.50
10	10	11	F	F	H	0.50	0.50	18.50
11	11	12	H	F	H	0.50	0.50	18.50
12	12	13	H	F	H	0.50	0.50	18.50
13	13	14	H	F	H	0.50	0.50	18.50
14	14	15	H	F	H	0.50	0.50	18.50
15	15	16	H	F	H	0.50	0.50	18.50
16	16	17	H	F	H	0.50	0.50	18.50
17	17	18	H	F	H	0.50	0.50	18.50
18	18	19	F	R	H	0.50	0.50	19.00

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* =====
# [STAGED CONSTRUCTION] 1001A <Staged Construction Control Parameters>
* =====
* PRESTRESS BEAM ID: During STAGE 1 Analysis, each Prestress Beam is analyzed Separately from all other Stage 1 Prestress Beams.
*
*           A STAGE 1 Prestress Beam is defined as a Member with boundary conditions as Pinned at the left end and Roller
*           at the right end. Assign a unique beam identification number for each Stage 1 Prestress Beam. starting with
*           number 1.
*
*           If a Beam is comprised of more than one Member, then all Members of that Beam will have the same ID Number.
*           Members not included in a STAGE 1 Prestress Analysis should have this column left blank.
*
* FALSEWORK FLAG: If a Member end is supported by falsework during this STAGE of analysis, then enter a 'Y' in this column.
*           The Reactions computed for this support will be applied as loads in STAGE 3.
*
* REACTION LOAD STAGE: The reactions caused by Dead Loads from STAGE 1 can be reapplied to the analysis in either STAGES 2 or 3.
*           Specify in this column which STAGE to apply Reaction Forces. A blank entry will default to STAGE 2.
*
* STIFFNESS PROPERTY CODE: During each STAGE, the Stiffness Properties for each Member needs to be specified.
*           If this column is left blank, then that Member is not included in that STAGE of the analysis.
*
*           The Two Stiffness CODES used are:
*           G - Girder Stiffness only.
*           C - Composite Girder and Slab Stiffness.
*
* SELF WEIGHT PROPERTY CODE: During any of the Three STAGES, you can select the amount of MEMBER SELF WEIGHT
*           that is to be included in the computations. Be careful not to "Double" a Members
*           Self Weight by specifying it more than once.
*
*           The Three Self Weight CODES are:
*           S - Slab Weight only.
*           G - Girder Weight only.
*           C - Composite Girder and Slab Weight.
*
*

```

MBR	DL	STAGE	STAGE 1: SIMPLE SPAN				STAGE 2: FEM MODEL				STAGE 3: FEM MODEL	
			SPAN	STIFF	SELF	REACT.	FALSEWORK	STIFF	SELF	STIFF	SELF	
#	#	#	ID #	PROP.	CODE	LOAD	FLAG	RIGHT	PROP.	WEIGHT	PROP.	WEIGHT
				(G/C)	(G/S/C)	(2or3)	(Y/N)	(Y/N)	(G/C)	(G/S/C)	(G/C)	(G/C/S)
1		3									C	C
2		3									C	C
3		3									C	C
4		3									C	C
5		3									C	C
6		3									C	C
7		3									C	C
8		3									C	C
9		3									C	C
10		3									C	C
11		3									C	C
12		3									C	C
13		3									C	C
14		3									C	C
15		3									C	C
16		3									C	C
17		3									C	C
18		3									C	C

```

* =====
# [CIP T-BEAM MEMBER] 1012 <Cast-In-Place T-Beam Member Definition>
* =====
* REFERENCE END FLAG: L = Dimensioned from Left End of Member,
*           S = Symmetric about Mid-Member. (Not symmetric about Span)
* If only One Beam, then use the LEFT EXTERIOR GIRDER.
* If Two Beams, then use the LEFT AND RIGHT EXTERIOR GIRDERS.
*

```

MBR	DIST	REF	BARR	F'c	SLAB	SLAB	FILLET	WEB	LEFT		RIGHT		- LEFT OVERHANG -		- RIGHT OVERHANG -		
									EXT	INT	EXT	INT	OVER	INT	EXT	OVER	INT
#	(ft)	FLAG	ID#	(ksi)	WIDTH	THICK	b x h	DEPTH	WIDTH	GRD	WIDTH	WIDTH	HANG	THICK	THICK	HANG	THICK

MBR	DIST	END	FLAG	S	AREA	DEPTH FROM TOP OF STRCT SLAB												
1	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
2	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
3	0.00	L	0	2.5	6.17	8.00	OX 0	22.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
3	2.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
4	0.00	L	0	2.5	6.17	8.00	OX 0	22.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
4	2.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
5	0.00	L	0	2.5	6.17	8.00	OX 0	22.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
5	3.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
6	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
7	0.00	L	0	2.5	6.17	8.00	OX 0	22.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
7	3.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
7	7.75	L	0	2.5	6.17	8.00	OX 0	22.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
7	10.75	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
8	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
9	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
10	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
11	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
12	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
13	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
13	15.50	L	0	2.5	6.17	8.00	OX 0	22.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
14	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
14	15.50	L	0	2.5	6.17	8.00	OX 0	22.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
15	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
15	16.50	L	0	2.5	6.17	8.00	OX 0	22.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
16	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
17	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00
18	0.00	L	0	2.5	6.17	8.00	OX 0	24.00	12.00	0	0.00	0.00	2.83	8.00	8.00	2.33	8.00	8.00

* =====
[SHEAR STEEL] 1021 <Shear Steel Data Entry>
* =====
* S = Shear Reinforcement Spacing.
*

MBR	DIST	END	FLAG	S	AREA
1	0.00	L		12.00	0.40
2	0.00	L		12.00	0.40
3	0.00	L		12.00	0.34
3	2.00	L		12.00	0.40
4	0.00	L		12.00	0.34
4	2.00	L		12.00	0.40
5	0.00	L		12.00	0.34
5	3.00	L		12.00	0.40
6	0.00	L		12.00	0.40
7	0.00	L		12.00	0.34
7	3.00	L		12.00	0.40
7	7.75	L		12.00	0.34
7	10.75	L		12.00	0.40
8	0.00	L		12.00	0.40
9	0.00	L		12.00	0.40
10	0.00	L		12.00	0.40
11	0.00	L		12.00	0.40
12	0.00	L		12.00	0.40
13	0.00	L		12.00	0.40
13	15.50	L		12.00	0.34
14	0.00	L		12.00	0.40
14	15.50	L		12.00	0.34
15	0.00	L		12.00	0.40
15	16.50	L		12.00	0.34
16	0.00	L		12.00	0.40
17	0.00	L		12.00	0.40
18	0.00	L		12.00	0.40

* =====
[TOP STEEL(A)] 1022 <Top Steel (Neg.Mom.) Direct Area Entry>
* =====
*

MBR	DIST	END	FLAG	AREA	DEPTH FROM TOP OF STRCT SLAB
1	0.00	L		0.40	2.00
1	1.50	L		1.98	2.00
2	0.00	L		1.98	2.00
2	4.00	L		0.40	2.00
3	0.00	L		1.98	2.00
3	4.00	L		0.40	2.00
4	0.00	L		1.98	2.00
4	4.00	L		0.40	2.00
5	0.00	L		1.98	2.00
5	4.00	L		0.40	2.00
6	0.00	L		1.98	2.00
6	4.00	L		0.40	2.00
7	0.00	L		1.98	2.00
7	4.00	L		0.40	2.00
8	0.00	L		1.98	2.00

8	4.00	L	0.40	2.00
9	0.00	L	1.98	2.00
9	4.00	L	0.40	2.00
9	14.50	L	1.98	2.00
10	0.00	L	1.98	2.00
10	4.00	L	0.40	2.00
10	14.50	L	1.98	2.00
11	0.00	L	0.40	2.00
11	14.50	L	1.98	2.00
12	0.00	L	0.40	2.00
12	14.50	L	1.98	2.00
13	0.00	L	0.40	2.00
13	14.50	L	1.98	2.00
14	0.00	L	0.40	2.00
14	14.50	L	1.98	2.00
15	0.00	L	0.40	2.00
15	14.50	L	1.98	2.00
16	0.00	L	0.40	2.00
16	14.50	L	1.98	2.00
17	0.00	L	0.40	2.00
17	14.50	L	1.98	2.00
18	0.00	L	1.98	2.00
18	4.00	L	0.40	2.00

```

* =====
# [BOTTOM STEEL(A)]      1023 <Bottom Steel (Pos.Mom.) Direct Area Entry>
* =====
*

```

MBR	DIST	REF	STEEL	DISTANCE UP
#	(ft)	END FLAG	AREA (in)^2	FROM SOFFIT (in)
1	0.00	L	3.16	2.00
1	1.00	L	1.58	2.00
2	0.00	L	1.58	2.00
2	4.00	L	3.16	2.00
3	0.00	L	1.31	0.00
3	2.00	L	1.58	2.00
3	4.00	L	3.16	2.00
4	0.00	L	1.31	0.00
4	2.00	L	1.58	2.00
4	4.00	L	3.16	2.00
5	0.00	L	1.31	0.00
5	3.00	L	1.58	2.00
5	4.00	L	3.16	2.00
6	0.00	L	1.58	2.00
6	4.00	L	3.16	2.00
7	0.00	L	1.31	0.00
7	3.00	L	1.58	2.00
7	4.00	L	3.16	2.00
7	7.75	L	2.62	0.00
7	10.75	L	3.16	2.00
8	0.00	L	1.58	2.00
8	4.00	L	3.16	2.00
9	0.00	L	1.58	2.00
9	4.00	L	3.16	2.00
9	14.50	L	1.58	2.00
10	0.00	L	1.58	2.00
10	4.00	L	3.16	2.00
10	14.50	L	1.58	2.00
11	0.00	L	3.16	2.00
11	14.50	L	1.58	2.00
12	0.00	L	3.16	2.00
12	14.50	L	1.58	2.00
13	0.00	L	3.16	2.00
13	14.50	L	1.58	2.00
13	15.50	L	1.31	0.00
14	0.00	L	3.16	2.00
14	14.50	L	1.58	2.00
15	0.00	L	3.16	2.00
15	14.50	L	1.58	2.00
15	16.50	L	1.31	0.00
16	0.00	L	3.16	2.00
16	14.50	L	1.58	2.00
17	0.00	L	3.16	2.00
17	14.50	L	1.58	2.00
18	0.00	L	1.58	2.00
18	4.00	L	3.16	2.00

```

* =====
# [DEAD LOADS]      1045 <Define Dead Loads>
* =====
* Uniform loads entered in this data block will be applied over the "ENTIRE BRIDGE".
* Load Multiplication is performed due to multiple elements.
* The 1047 data block is used to distribute the applied Dead Loads to each Member.
* Additional loads on a per Member basis can be applied using the 1046 data block.
* Only one entry for each load case is allowed.
*
*

```

DL OR UNIFORM

LC NAME	LC #	SDL (D/S)	LOAD (k/ft)	
Slab Wear	1	D	0.000	Uniform dead load.
Grd Pad	2	D	0.000	Uniform dead load.
Misc DL-A	3	D	0.000	Uniform dead load.
Misc DL-B	4	D	0.000	Uniform dead load.
Railing	1	S	0.000	Uniform superimposed dead load.
Barrier	2	S	0.000	Uniform superimposed dead load.
SideWalk	3	S	0.000	Uniform superimposed dead load.
Overlay	4	S	0.830	Uniform superimposed dead load.
Utilities	5	S	0.000	Uniform superimposed dead load.
Misc SDL	6	S	0.000	Uniform superimposed dead load.

```

* =====
# [MEMBER DEAD LOADS] 1046 <Member Dead Load Entry>
* =====
* LOAD CODES: L -- Linear Load: Enter: Beginning Left Load and Distance from Start of Member as Left Location.
*              Ending Right Load and Distance from Start of Member as Right Location.
*
*              U -- Uniform Load over entire Member: Enter: Only "Total Load Left" as the uniform load to apply.
*
*              P -- Point Load: Enter Left Load and Distance from Start of Member as Left Location.
*
*              M -- Member Moment: Enter Moment as Left Load and Distance from Start of Member as Left Location.
*              Counter clockwise is positive moment.
*
* UNITS: All loads are in KIPS, or KIPS PER FOOT.
*        Distance is in units of FEET.
*
* LOAD CASE NUMBERS: For Dead Load, must be between 1 AND 4.
*                   For Superimposed Dead Load, must be between 1 AND 6.
*
* COLUMN and BRACE LOADING: All Column(V) and Brace(B) dead loads will be applied in stage 3 for dead loads, and
*                             stage 4 for superimposed dead loads.
*

```

MBR	DL OR	LC	LOAD	-- TOTAL LOAD --		-- LOCATION --		COMMENTS
#	H/V/B	(D/S)	#	CODE	LEFT	RIGHT	(ft)	(ft)

```

* =====
# [MEMBER DL DIST] 1047 <Member Dead Load Distribution>
* =====
* Use this data block to determine the dead load participation factor as a percentage of load per member.
* These values are required for single line of girder analysis when a full bridge width model is used.
* They are used to reduce the dead loads applied to the girder for rating.
*
* Default value for any member not listed is 100.0 in all fields.
* If you list a member, then all blank fields will result in a factor of 0.0
*

```

MBR	SLAB WEAR	GIRDER PAD	MISC DL	MISC DL	RAIL-ING	BARR-IER	SIDE WALK	OVER LAY	UTILI-TIES	MISC SDL
#	DL #1 (%)	DL #2 (%)	DL #3 (%)	DL #4 (%)	SDL #1 (%)	SDL #2 (%)	SDL #3 (%)	SDL #4 (%)	SDL #5 (%)	SDL #6 (%)
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0

```

* =====
# [TRUCK DEFINITION] 1049 <Truck Definitions>
* =====
* If there are more than five point loads,
* continue on next line with same load number.
*
* If Lane Loading values are included, and the Truck input requires more
* than one line, enter the Lane Loading data only on the first line.
*

```

LIVE LOAD / TRUCK	---								ALTERNATE		
	P1	D1	P2	D2	P3	D3	P4	D4	LANE LOADING	UNIF. LOAD	MOM. RIDER

#	Live Load / Truck Name	(kips)	(ft)	(kips)	(ft)	(kips)	(ft)	(kips)	(ft)	(klf)	(kips)	(kips)
1	HS20 36 TONS	8.0	14.0	32.0	14.0	32.0						
2	AASHTO 1 25 TONS	16.0	15.0	17.0	4.0	17.0						
3	AASHTO 2 36 TONS	10.0	11.0	15.5	4.0	15.5	22.0	15.5	4.0			
4	AASHTO 3 40 TONS	12.0	15.0	12.0	4.0	12.0	15.0	16.0	16.0			
5	OL 1 48 TONS	14.0	4.0	14.0								
6	OL 2 103.5 TONS	12.0	10.0	21.5	4.0	21.5	6.0	22.0	16.0			
7	TROLLEY	10.6	14.7	22.4								
8	GMC T8H603	12.1	24.9	22.6								
9	FLEXIBLE 870	10.3	24.7	23.7								
10	ARTICULATING-SG310	14.5	18.5	19.7	23.0	15.5						

* =====
[LOAD COMBINATIONS] 1050 <Longitudinal Analysis Load Combinations>
* =====

* COMMENTS: For each Loading Combination, enter a line for each Member
* to be loaded with the appropriate Data with up to 3 different
* Trucks per Member.
*

LOAD COMB	#	O	--OVERLOAD FLAG	LOAD COMBINATION TITLE	--- MULTIPLIERS ---				TRUCK LOAD - A		TRUCK LOAD - B		TRUCK LOAD - C	
					LANE LOAD REDUC.	LIVE LOAD FACTOR	STD IMPACT FACTOR	UNIF. LOAD (KPF)	TRUCK NUMBER	LANE MULT	TRUCK NUMBER	LANE MULT	TRUCK NUMBER	LANE MULT
1	1			HS20	1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	2				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	3				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	4				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	5				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	6				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	7				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	8				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	9				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	10				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	11				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	12				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	13				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	14				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	15				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	16				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	17				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
1	18				1.00	(Per AASHTO Specs.)	0.00		1	0.61				
2	1			AASHTO 1	1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	2				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	3				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	4				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	5				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	6				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	7				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	8				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	9				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	10				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	11				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	12				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	13				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	14				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	15				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	16				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	17				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
2	18				1.00	(Per AASHTO Specs.)	0.00		2	0.61				
3	1			AASHTO 2	1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	2				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	3				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	4				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	5				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	6				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	7				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	8				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	9				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	10				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	11				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	12				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	13				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	14				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	15				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	16				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	17				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
3	18				1.00	(Per AASHTO Specs.)	0.00		3	0.61				
4	1			AASHTO 3	1.00	(Per AASHTO Specs.)	0.00		4	0.61				
4	2				1.00	(Per AASHTO Specs.)	0.00		4	0.61				
4	3				1.00	(Per AASHTO Specs.)	0.00		4	0.61				
4	4				1.00	(Per AASHTO Specs.)	0.00		4	0.61				
4	5				1.00	(Per AASHTO Specs.)	0.00		4	0.61				
4	6				1.00	(Per AASHTO Specs.)	0.00		4	0.61				

9	7	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	8	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	9	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	10	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	11	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	12	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	13	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	14	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	15	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	16	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	17	1.00	(Per AASHTO Specs.)	0.00	9	0.61
9	18	1.00	(Per AASHTO Specs.)	0.00	9	0.61
10	1	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	2	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	3	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	4	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	5	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	6	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	7	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	8	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	9	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	10	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	11	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	12	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	13	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	14	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	15	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	16	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	17	1.00	(Per AASHTO Specs.)	0.00	10	0.61
10	18	1.00	(Per AASHTO Specs.)	0.00	10	0.61

* =====
[END DATA ENTRY] <End of standard "BRIDG" data entry blocks>
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* =====
[AR:COMP.TRAN.SECT] 5100 <Composite Transformed Section Properties>
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* Definition of terms:
* Izz --- Moment of Inertia.
* S_top --- Section Modulus to top fiber.
* S_top grd --- Section Modulus to top fiber of girder.
* S_bot --- Section Modulus for bottom fiber.
* NA --- Neutral axis from top slab.
* e --- Composite Modulus of Elasticity.
* f'c --- Composite concrete strength.
*

MBR	DIST	DEPTH	NA	AREA	Izz	S_top	S_top	S_bot	e	f'c
#	(ft)	(ft)	(ft)	(ft**2)	(ft**4)	(ft**3)	grd (ft**3)	(ft**3)	(ksi)	(ksi)
1	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
2	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
3	0.0	2.50	0.72	5.95	2.65	-3.68	-50.87	1.49	3184	2.50
3	2.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
4	0.0	2.50	0.72	5.95	2.65	-3.68	-50.87	1.49	3184	2.50
4	2.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
5	0.0	2.50	0.72	5.95	2.65	-3.68	-50.87	1.49	3184	2.50
5	3.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
6	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
7	0.0	2.50	0.72	5.95	2.65	-3.68	-50.87	1.49	3184	2.50
7	3.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
7	7.8	2.50	0.72	5.95	2.65	-3.68	-50.87	1.49	3184	2.50
7	10.8	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
8	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
9	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
10	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
11	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
12	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
13	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
13	15.5	2.50	0.72	5.95	2.65	-3.68	-50.87	1.49	3184	2.50
14	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
14	15.5	2.50	0.72	5.95	2.65	-3.68	-50.87	1.49	3184	2.50
15	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
15	16.5	2.50	0.72	5.95	2.65	-3.68	-50.87	1.49	3184	2.50
16	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
17	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50
18	0.0	2.67	0.77	6.11	3.21	-4.17	-31.22	1.69	3184	2.50

* =====
[AR:GIRDER SECT PROP] 5101 <Non-Composite Girder Section Properties>
=====

* Definition of terms:
* Izz --- Moment of Inertia.
* S_top --- Section modulus for top fiber.
* S_bot --- Section modulus for bottom fiber.
* NA --- Neutral axis from top of girder.
*

MBR #	DIST (ft)	DEPTH (ft)	NA (ft)	AREA (ft**2)	Izz (ft**4)	S_top (ft**3)	S_bot (ft**3)	e (ksi)	f'c (ksi)
1	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
2	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
3	0.0	1.83	0.92	1.83	0.51	-0.56	0.56	3184	2.50
3	2.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
4	0.0	1.83	0.92	1.83	0.51	-0.56	0.56	3184	2.50
4	2.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
5	0.0	1.83	0.92	1.83	0.51	-0.56	0.56	3184	2.50
5	3.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
6	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
7	0.0	1.83	0.92	1.83	0.51	-0.56	0.56	3184	2.50
7	3.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
7	7.8	1.83	0.92	1.83	0.51	-0.56	0.56	3184	2.50
7	10.8	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
8	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
9	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
10	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
11	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
12	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
13	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
13	15.5	1.83	0.92	1.83	0.51	-0.56	0.56	3184	2.50
14	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
14	15.5	1.83	0.92	1.83	0.51	-0.56	0.56	3184	2.50
15	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
15	16.5	1.83	0.92	1.83	0.51	-0.56	0.56	3184	2.50
16	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
17	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50
18	0.0	2.00	1.00	2.00	0.67	-0.67	0.67	3184	2.50

* =====
[AR:ULTIMATE CAPACITY] 5202
* =====
* Values are printed for 1/10 points (TP = 0 thru 10)
* Values are for nearest integration point to actual tenth point.
* Shear capacities are listed by Load Combination. If more then 5 Load Combinations are active, then continued on next line.
*

SPAN #	DIST TP (ft)	-- MOMENT --		----- SHEAR CAPACITY BY LOAD COMBINATION NUMBER -----										
		POS (k-ft)	NEG (k-ft)	1		2		3		4		5		
				POS (kips)	NEG (kips)	POS (kips)	NEG (kips)	POS (kips)	NEG (kips)	POS (kips)	NEG (kips)	POS (kips)	NEG (kips)	
1	0	0.0	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
1	1	0.4	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
1	2	0.8	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
1	3	1.2	117	29	59	-59	59	-59	59	-59	59	-59	59	-59
1	4	1.6	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
1	5	2.0	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
1	6	2.4	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
1	7	2.8	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
1	8	3.2	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
1	9	3.6	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
1	10	4.0	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
2	0	4.0	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
2	1	5.3	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
2	2	6.5	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
2	3	7.8	117	141	59	-59	59	-59	59	-59	59	-59	59	-59
2	4	9.0	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
2	5	10.3	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
2	6	11.5	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
2	7	12.8	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
2	8	14.0	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
2	9	15.3	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
2	10	16.5	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
3	0	16.5	97	131	51	-51	51	-51	51	-51	51	-51	51	-51

18	8	309.2	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
18	9	311.1	232	29	59	-59	59	-59	59	-59	59	-59	59	-59
18	10	313.0	232	29	59	-59	59	-59	59	-59	59	-59	59	-59

* =====
[AR:DEAD LOADS (WORK)] 5300 <Working Dead Load, Superimposed Dead Load, Secondary Shears and Moments>
* =====
* Values are printed for 1/10 points (TP = 0 thru 10)
* Moments are interpolated between two nearest integration points (IP).
* Shear values are for nearest integration point (IP).
*

SPAN #	DIST TP	--- DEAD LOAD ---		SUPERIMPOSED LOAD		--- SECONDARY ---	
		MOMENT (k-ft)	SHEAR (kips)	MOMENT (k-ft)	SHEAR (kips)	MOMENT (k-ft)	SHEAR (kips)
1	0	0.0	-1.3	1.90	-1.1	1.66	
1	1	0.4	-0.6	1.90	-0.5	1.66	
1	2	0.8	-0.1	1.42	-0.1	1.25	
1	3	1.2	0.3	0.95	0.3	0.83	
1	4	1.6	0.5	0.47	0.5	0.41	
1	5	2.0	0.6	0.00	0.6	0.00	
1	6	2.4	0.5	0.00	0.5	0.00	
1	7	2.8	0.3	-0.47	0.3	-0.41	
1	8	3.2	-0.1	-0.95	-0.1	-0.83	
1	9	3.6	-0.6	-1.42	-0.5	-1.25	
1	10	4.0	-1.3	-1.90	-1.1	-1.66	
2	0	4.0	-18.5	7.40	-16.2	6.48	
2	1	5.3	-10.0	6.46	-8.8	5.65	
2	2	6.5	-3.0	5.03	-2.6	4.41	
2	3	7.8	2.6	4.09	2.2	3.58	
2	4	9.0	6.7	2.67	5.8	2.33	
2	5	10.3	9.2	1.72	8.1	1.50	
2	6	11.5	10.4	0.30	9.1	0.26	
2	7	12.8	10.0	-0.65	8.7	-0.57	
2	8	14.0	8.1	-2.07	7.1	-1.82	
2	9	15.3	4.8	-3.02	4.2	-2.65	
2	10	16.5	0.0	-4.44	0.0	-3.89	
3	0	16.5	-38.6	10.80	-33.9	9.51	
3	1	18.4	-20.3	9.42	-17.8	8.26	
3	2	20.2	-5.1	7.54	-4.5	6.60	
3	3	22.1	6.9	5.64	6.0	4.94	
3	4	23.9	15.6	4.22	13.7	3.70	
3	5	25.8	21.2	2.33	18.5	2.04	
3	6	27.6	23.3	0.43	20.4	0.38	
3	7	29.5	22.3	-0.99	19.6	-0.87	
3	8	31.3	18.1	-2.88	15.9	-2.53	
3	9	33.2	10.7	-4.78	9.3	-4.19	
3	10	35.0	0.0	-6.67	0.0	-5.85	
4	0	35.0	-38.6	10.80	-33.9	9.51	
4	1	36.8	-20.3	9.42	-17.8	8.26	
4	2	38.7	-5.1	7.54	-4.5	6.60	
4	3	40.5	6.9	5.64	6.0	4.94	
4	4	42.4	15.6	4.22	13.7	3.70	
4	5	44.2	21.2	2.33	18.5	2.04	
4	6	46.1	23.3	0.43	20.4	0.38	
4	7	47.9	22.3	-0.99	19.6	-0.87	
4	8	49.8	18.1	-2.88	15.9	-2.53	
4	9	51.6	10.7	-4.78	9.3	-4.19	
4	10	53.5	0.0	-6.67	0.0	-5.85	
5	0	53.5	-38.2	10.76	-33.5	9.49	
5	1	55.3	-19.9	9.37	-17.4	8.24	
5	2	57.2	-4.8	7.52	-4.2	6.58	
5	3	59.0	7.1	5.62	6.3	4.92	
5	4	60.9	15.8	4.20	13.9	3.68	
5	5	62.7	21.4	2.31	18.7	2.02	
5	6	64.6	23.5	0.41	20.6	0.36	
5	7	66.4	22.4	-1.01	19.7	-0.89	
5	8	68.3	18.2	-2.91	15.9	-2.55	
5	9	70.1	10.7	-4.80	9.4	-4.21	
5	10	72.0	0.0	-6.70	0.0	-5.87	
6	0	72.0	-40.5	10.96	-35.5	9.60	
6	1	73.8	-22.0	9.53	-19.2	8.35	
6	2	75.7	-6.6	7.64	-5.8	6.69	
6	3	77.5	5.6	5.74	4.9	5.03	
6	4	79.4	14.5	4.32	12.7	3.79	
6	5	81.2	20.2	2.43	17.7	2.13	
6	6	83.1	22.6	0.53	19.8	0.47	
6	7	84.9	21.8	-0.89	19.1	-0.78	
6	8	86.8	17.7	-2.78	15.5	-2.44	
6	9	88.6	10.5	-4.68	9.2	-4.10	
6	10	90.5	0.0	-6.57	0.0	-5.76	

7	0	90.5	-39.0	10.76	-34.5	9.54
7	1	92.3	-20.7	9.37	-18.3	8.30
7	2	94.2	-5.6	7.52	-5.0	6.64
7	3	96.0	6.3	5.62	5.6	4.98
7	4	97.9	15.0	4.20	13.3	3.73
7	5	99.7	20.6	2.34	18.2	2.07
7	6	101.6	22.8	0.49	21.1	0.31
7	7	103.4	22.0	-0.92	20.5	-1.04
7	8	105.3	17.9	-2.82	16.5	-2.70
7	9	107.1	10.5	-4.71	9.7	-4.36
7	10	109.0	0.0	-6.61	0.0	-6.02
8	0	109.0	-40.5	10.96	-35.5	9.60
8	1	110.8	-22.0	9.53	-19.2	8.35
8	2	112.7	-6.6	7.64	-5.8	6.69
8	3	114.5	5.6	5.74	4.9	5.03
8	4	116.4	14.5	4.32	12.7	3.79
8	5	118.2	20.2	2.43	17.7	2.13
8	6	120.1	22.6	0.53	19.8	0.47
8	7	121.9	21.8	-0.89	19.1	-0.78
8	8	123.8	17.7	-2.78	15.5	-2.44
8	9	125.6	10.5	-4.68	9.2	-4.10
8	10	127.5	0.0	-6.57	0.0	-5.76
9	0	127.5	-27.0	8.76	-23.7	7.68
9	1	129.4	-12.5	7.34	-10.9	6.43
9	2	131.2	-1.2	5.45	-1.0	4.77
9	3	133.1	6.9	3.55	6.1	3.11
9	4	134.9	11.8	2.13	10.3	1.87
9	5	136.8	13.5	0.24	11.8	0.21
9	6	138.6	11.8	-1.66	10.3	-1.45
9	7	140.5	6.9	-3.08	6.1	-2.70
9	8	142.3	-1.2	-4.97	-1.0	-4.36
9	9	144.2	-12.5	-6.87	-10.9	-6.02
9	10	146.0	-27.0	-8.76	-23.7	-7.68
10	0	146.0	-27.0	8.76	-23.7	7.68
10	1	147.9	-12.5	7.34	-10.9	6.43
10	2	149.7	-1.2	5.45	-1.0	4.77
10	3	151.6	6.9	3.55	6.1	3.11
10	4	153.4	11.8	2.13	10.3	1.87
10	5	155.3	13.5	0.24	11.8	0.21
10	6	157.1	11.8	-1.66	10.3	-1.45
10	7	159.0	6.9	-3.08	6.1	-2.70
10	8	160.8	-1.2	-4.97	-1.0	-4.36
10	9	162.7	-12.5	-6.87	-10.9	-6.02
10	10	164.5	-27.0	-8.76	-23.7	-7.68
11	0	164.5	0.0	6.57	0.0	5.76
11	1	166.4	10.5	5.15	9.2	4.51
11	2	168.2	17.7	3.26	15.5	2.85
11	3	170.1	21.8	1.36	19.1	1.19
11	4	171.9	22.6	-0.06	19.8	-0.05
11	5	173.8	20.2	-1.95	17.7	-1.71
11	6	175.6	14.5	-3.85	12.7	-3.37
11	7	177.5	5.6	-5.27	4.9	-4.62
11	8	179.3	-6.6	-7.17	-5.8	-6.28
11	9	181.2	-22.0	-9.06	-19.2	-7.94
11	10	183.0	-40.5	-10.96	-35.5	-9.60
12	0	183.0	0.0	6.57	0.0	5.76
12	1	184.9	10.5	5.15	9.2	4.51
12	2	186.7	17.7	3.26	15.5	2.85
12	3	188.6	21.8	1.36	19.1	1.19
12	4	190.4	22.6	-0.06	19.8	-0.05
12	5	192.3	20.2	-1.95	17.7	-1.71
12	6	194.1	14.5	-3.85	12.7	-3.37
12	7	196.0	5.6	-5.27	4.9	-4.62
12	8	197.8	-6.6	-7.17	-5.8	-6.28
12	9	199.7	-22.0	-9.06	-19.2	-7.94
12	10	201.5	-40.5	-10.96	-35.5	-9.60
13	0	201.5	0.0	6.70	0.0	5.87
13	1	203.4	10.7	5.27	9.4	4.62
13	2	205.2	18.2	3.38	15.9	2.96
13	3	207.1	22.4	1.48	19.7	1.30
13	4	208.9	23.5	0.06	20.6	0.06
13	5	210.8	21.4	-1.83	18.7	-1.60
13	6	212.6	15.8	-3.73	13.9	-3.26
13	7	214.5	7.1	-5.15	6.3	-4.51
13	8	216.3	-4.8	-7.04	-4.2	-6.17
13	9	218.2	-19.9	-8.91	-17.4	-7.83
13	10	220.0	-38.2	-10.76	-33.5	-9.49
14	0	220.0	0.0	6.70	0.0	5.87
14	1	221.9	10.7	5.27	9.4	4.62
14	2	223.7	18.2	3.38	15.9	2.96
14	3	225.6	22.4	1.48	19.7	1.30
14	4	227.4	23.5	0.06	20.6	0.06

14	5	229.3	21.4	-1.83	18.7	-1.60
14	6	231.1	15.8	-3.73	13.9	-3.26
14	7	233.0	7.1	-5.15	6.3	-4.51
14	8	234.8	-4.8	-7.04	-4.2	-6.17
14	9	236.7	-19.9	-8.91	-17.4	-7.83
14	10	238.5	-38.2	-10.76	-33.5	-9.49
15	0	238.5	0.0	6.67	0.0	5.85
15	1	240.4	10.7	5.25	9.3	4.60
15	2	242.2	18.1	3.36	15.9	2.94
15	3	244.1	22.3	1.46	19.6	1.28
15	4	245.9	23.3	0.04	20.4	0.04
15	5	247.8	21.2	-1.85	18.5	-1.62
15	6	249.6	15.6	-3.75	13.7	-3.28
15	7	251.5	6.9	-5.17	6.0	-4.53
15	8	253.3	-5.1	-7.07	-4.5	-6.19
15	9	255.2	-20.3	-8.96	-17.8	-7.85
15	10	257.0	-38.6	-10.80	-33.9	-9.51
16	0	257.0	0.0	6.57	0.0	5.76
16	1	258.9	10.5	5.15	9.2	4.51
16	2	260.7	17.7	3.26	15.5	2.85
16	3	262.6	21.8	1.36	19.1	1.19
16	4	264.4	22.6	-0.06	19.8	-0.05
16	5	266.3	20.2	-1.95	17.7	-1.71
16	6	268.1	14.5	-3.85	12.7	-3.37
16	7	270.0	5.6	-5.27	4.9	-4.62
16	8	271.8	-6.6	-7.17	-5.8	-6.28
16	9	273.7	-22.0	-9.06	-19.2	-7.94
16	10	275.5	-40.5	-10.96	-35.5	-9.60
17	0	275.5	0.0	6.57	0.0	5.76
17	1	277.4	10.5	5.15	9.2	4.51
17	2	279.2	17.7	3.26	15.5	2.85
17	3	281.1	21.8	1.36	19.1	1.19
17	4	282.9	22.6	-0.06	19.8	-0.05
17	5	284.8	20.2	-1.95	17.7	-1.71
17	6	286.6	14.5	-3.85	12.7	-3.37
17	7	288.5	5.6	-5.27	4.9	-4.62
17	8	290.3	-6.6	-7.17	-5.8	-6.28
17	9	292.2	-22.0	-9.06	-19.2	-7.94
17	10	294.0	-40.5	-10.96	-35.5	-9.60
18	0	294.0	-42.8	11.25	-37.5	9.86
18	1	295.9	-23.1	9.83	-20.3	8.61
18	2	297.8	-6.9	7.94	-6.1	6.95
18	3	299.7	5.9	6.04	5.2	5.29
18	4	301.6	15.4	4.15	13.4	3.63
18	5	303.5	21.4	2.25	18.7	1.97
18	6	305.4	23.9	0.83	20.9	0.73
18	7	307.3	23.0	-1.07	20.2	-0.93
18	8	309.2	18.7	-2.96	16.4	-2.59
18	9	311.1	11.1	-4.86	9.7	-4.25
18	10	313.0	0.0	-6.75	0.0	-5.91

* =====
[AR:LIVE LOADS (WORK)] 5302 <Working Live Load Combination Shear and Moment Envelopes>
* =====
* Values are printed for 1/10 points (TP = 0 thru 10)
* Moments are interpolated between two nearest integration points (IP).
* Shear values are for nearest integration point (IP).
* Live Load only; no Dead, Superimposed Dead or Prestress effects included.
* CN --> Combination Number

SPAN		DIST		MOMENT		SHEARS		ASSOC	
#	TP	(ft)	CN	POSITIVE	NEGATIVE	POSITIVE	ASSOC	NEGATIVE	ASSOC
				(k-ft)	(k-ft)	SHEAR	MOMENT	SHEAR	MOMENT
				(kips)	(kips)	(kips)	(k-ft)	(kips)	(k-ft)
1	0	0.0	1	0.0	-12.1	20.22	-10.3	0.00	0.0
1	1	0.4	1	0.0	-6.2	20.22	-5.0	0.00	0.0
1	2	0.8	1	1.4	-2.1	16.75	-0.5	0.00	0.0
1	3	1.2	1	3.5	-0.2	12.69	2.7	0.00	0.0
1	4	1.6	1	5.7	0.0	8.62	4.5	0.00	1.0
1	5	2.0	1	6.7	0.0	5.15	4.8	-5.15	4.8
1	6	2.4	1	5.7	0.0	5.15	3.8	-5.15	4.5
1	7	2.8	1	3.5	-0.2	2.62	1.6	-8.62	2.7
1	8	3.2	1	1.6	-2.1	0.22	0.2	-12.69	-0.5
1	9	3.6	1	0.4	-6.2	0.00	0.0	-16.75	-5.4
1	10	4.0	1	0.0	-12.1	0.00	0.0	-16.75	-12.1
2	0	4.0	1	0.0	-60.1	24.74	-30.1	0.00	0.0
2	1	5.3	1	1.2	-37.0	24.35	-11.1	-0.01	0.4
2	2	6.5	1	7.7	-16.8	22.58	2.6	-0.35	3.5
2	3	7.8	1	20.1	-2.4	20.96	17.3	-1.02	11.1
2	4	9.0	1	32.5	0.0	17.95	30.3	-3.56	26.7
2	5	10.3	1	42.2	0.0	15.61	39.4	-5.35	36.5
2	6	11.5	1	47.4	0.0	11.73	42.9	-8.57	42.8
2	7	12.8	1	46.1	0.0	8.93	38.8	-11.01	43.6
2	8	14.0	1	38.6	0.0	4.53	26.7	-15.03	37.6

2	9	15.3	1	23.1	0.0	0.91	4.2	-17.89	23.1
2	10	16.5	1	0.0	0.0	0.00	0.0	-20.85	0.0
3	0	16.5	1	0.0	-85.4	31.05	-66.9	0.00	0.0
3	1	18.4	1	2.7	-51.4	27.89	-24.7	-0.10	2.6
3	2	20.2	1	16.4	-22.3	23.78	9.9	-0.57	9.7
3	3	22.1	1	35.4	-2.8	20.95	32.4	-2.11	27.8
3	4	23.9	1	53.8	0.0	19.02	51.3	-3.82	47.5
3	5	25.8	1	68.1	0.0	16.00	65.0	-6.36	62.0
3	6	27.6	1	74.9	0.0	12.60	70.1	-9.38	70.2
3	7	29.5	1	72.6	0.0	9.86	65.1	-11.89	70.0
3	8	31.3	1	60.4	0.0	5.92	48.5	-15.52	59.2
3	9	33.2	1	36.8	0.0	1.21	11.2	-19.70	36.8
3	10	35.0	1	0.0	0.0	0.00	0.0	-23.46	0.0
4	0	35.0	1	0.0	-85.4	31.05	-66.9	0.00	0.0
4	1	36.8	1	2.7	-51.4	27.89	-24.7	-0.10	2.6
4	2	38.7	1	16.4	-22.3	23.78	9.9	-0.57	9.7
4	3	40.5	1	35.4	-2.8	20.95	32.4	-2.11	27.8
4	4	42.4	1	53.8	0.0	19.02	51.3	-3.82	47.5
4	5	44.2	1	68.1	0.0	16.00	65.0	-6.36	62.0
4	6	46.1	1	74.9	0.0	12.60	70.1	-9.38	70.2
4	7	47.9	1	72.6	0.0	9.85	65.1	-11.89	70.0
4	8	49.8	1	60.4	0.0	5.92	48.5	-15.52	59.2
4	9	51.6	1	36.8	0.0	1.21	11.2	-19.70	36.8
4	10	53.5	1	0.0	0.0	0.00	0.0	-23.46	0.0
5	0	53.5	1	0.0	-84.3	31.02	-66.4	0.00	0.0
5	1	55.3	1	2.5	-50.4	28.56	-21.9	-0.05	1.2
5	2	57.2	1	16.1	-21.4	23.23	9.1	-0.56	9.6
5	3	59.0	1	35.8	-2.5	20.91	33.0	-2.02	28.1
5	4	60.9	1	54.4	0.0	18.96	51.9	-3.86	48.0
5	5	62.7	1	68.7	0.0	15.94	65.5	-6.42	62.6
5	6	64.6	1	75.4	0.0	12.54	70.5	-9.44	70.7
5	7	66.4	1	72.9	0.0	9.81	65.3	-11.94	70.3
5	8	68.3	1	60.5	0.0	5.89	48.6	-15.57	59.4
5	9	70.1	1	36.9	0.0	1.21	11.2	-19.73	36.9
5	10	72.0	1	0.0	0.0	0.00	0.0	-23.47	0.0
6	0	72.0	1	0.0	-89.7	31.19	-69.5	0.00	0.0
6	1	73.8	1	2.0	-55.3	28.73	-24.8	-0.04	1.1
6	2	75.7	1	14.2	-25.4	23.96	7.1	-0.50	8.6
6	3	77.5	1	32.7	-4.0	21.17	29.5	-1.72	22.5
6	4	79.4	1	51.2	0.0	19.25	48.7	-3.61	45.0
6	5	81.2	1	65.9	0.0	16.23	62.9	-6.12	59.8
6	6	83.1	1	73.3	0.0	12.79	68.6	-9.16	68.6
6	7	84.9	1	71.6	0.0	10.02	64.2	-11.68	68.9
6	8	86.8	1	59.8	0.0	6.03	48.1	-15.36	58.6
6	9	88.6	1	36.6	0.0	1.23	11.2	-19.56	36.6
6	10	90.5	1	0.0	0.0	0.00	0.0	-23.29	0.0
7	0	90.5	1	0.0	-87.4	31.09	-67.7	0.00	0.0
7	1	92.3	1	2.3	-53.5	28.62	-22.9	-0.04	1.2
7	2	94.2	1	15.5	-23.8	23.30	8.0	-0.55	9.3
7	3	96.0	1	34.6	-3.1	21.03	31.4	-1.83	24.1
7	4	97.9	1	52.7	0.0	19.13	50.0	-3.76	46.7
7	5	99.7	1	67.0	0.0	16.12	63.9	-6.25	61.0
7	6	101.6	1	74.2	0.0	12.68	69.5	-9.26	69.4
7	7	103.4	1	72.2	0.0	9.91	64.8	-11.79	69.5
7	8	105.3	1	60.2	0.0	5.96	48.4	-15.46	59.0
7	9	107.1	1	36.7	0.0	1.22	11.2	-19.66	36.7
7	10	109.0	1	0.0	0.0	0.00	0.0	-23.41	0.0
8	0	109.0	1	0.0	-89.7	31.19	-69.5	0.00	0.0
8	1	110.8	1	2.0	-55.3	28.73	-24.8	-0.04	1.1
8	2	112.7	1	14.2	-25.4	23.96	7.1	-0.50	8.6
8	3	114.5	1	32.7	-4.0	21.17	29.5	-1.72	22.5
8	4	116.4	1	51.2	0.0	19.25	48.7	-3.61	45.0
8	5	118.2	1	65.9	0.0	16.23	62.9	-6.12	59.8
8	6	120.1	1	73.3	0.0	12.79	68.6	-9.16	68.6
8	7	121.9	1	71.6	0.0	10.02	64.2	-11.68	68.9
8	8	123.8	1	59.8	0.0	6.03	48.1	-15.36	58.6
8	9	125.6	1	36.6	0.0	1.23	11.2	-19.56	36.6
8	10	127.5	1	0.0	0.0	0.00	0.0	-23.29	0.0
9	0	127.5	1	0.0	-68.8	26.67	-41.6	0.00	0.0
9	1	129.4	1	3.0	-36.9	24.94	-9.6	-0.08	1.3
9	2	131.2	1	17.1	-12.5	21.60	12.9	-0.96	9.8
9	3	133.1	1	34.1	-0.9	18.13	31.3	-3.84	28.9
9	4	134.9	1	46.6	0.0	15.23	43.3	-6.32	41.2
9	5	136.8	1	51.3	0.0	11.16	46.9	-10.15	46.9
9	6	138.6	1	46.6	0.0	7.25	41.2	-14.21	43.3
9	7	140.5	1	34.1	-0.9	4.60	28.9	-17.20	31.3
9	8	142.3	1	17.1	-12.5	1.35	9.8	-20.78	12.9
9	9	144.2	1	3.0	-36.9	0.15	1.3	-24.08	-9.6
9	10	146.0	1	0.0	-68.8	0.00	0.0	-26.67	-41.6
10	0	146.0	1	0.0	-68.8	26.67	-41.6	0.00	0.0
10	1	147.9	1	3.0	-36.9	24.94	-9.6	-0.08	1.3
10	2	149.7	1	17.1	-12.5	21.60	12.9	-0.96	9.8

10	3	151.6	1	34.1	-0.9	18.13	31.3	-3.83	28.9
10	4	153.4	1	46.6	0.0	15.23	43.3	-6.32	41.2
10	5	155.3	1	51.3	0.0	11.16	46.9	-10.15	46.9
10	6	157.1	1	46.6	0.0	7.25	41.2	-14.21	43.3
10	7	159.0	1	34.1	-0.9	4.60	28.9	-17.20	31.3
10	8	160.8	1	17.1	-12.5	1.35	9.8	-20.78	12.9
10	9	162.7	1	3.0	-36.9	0.15	1.3	-24.08	-9.6
10	10	164.5	1	0.0	-68.8	0.00	0.0	-26.67	-41.6
11	0	164.5	1	0.0	0.0	23.65	0.0	0.00	0.0
11	1	166.4	1	36.6	0.0	20.78	36.6	-0.72	11.2
11	2	168.2	1	59.8	0.0	16.36	58.6	-4.97	48.1
11	3	170.1	1	71.6	0.0	12.58	68.9	-9.04	64.2
11	4	171.9	1	73.3	0.0	9.97	68.6	-11.89	68.6
11	5	173.8	1	65.9	0.0	6.83	59.8	-15.41	62.9
11	6	175.6	1	51.2	0.0	4.20	45.0	-18.53	48.7
11	7	177.5	1	32.7	-4.0	2.11	22.5	-20.58	29.5
11	8	179.3	1	14.2	-25.4	0.71	8.6	-23.01	7.1
11	9	181.2	1	2.0	-55.3	0.08	1.1	-27.46	-24.8
11	10	183.0	1	0.0	-89.7	0.00	0.0	-31.19	-69.5
12	0	183.0	1	0.0	0.0	23.65	0.0	0.00	0.0
12	1	184.9	1	36.6	0.0	20.78	36.6	-0.72	11.2
12	2	186.7	1	59.8	0.0	16.36	58.6	-4.97	48.1
12	3	188.6	1	71.6	0.0	12.58	68.9	-9.04	64.2
12	4	190.4	1	73.3	0.0	9.97	68.6	-11.89	68.6
12	5	192.3	1	65.9	0.0	6.83	59.8	-15.41	62.9
12	6	194.1	1	51.2	0.0	4.20	45.0	-18.53	48.7
12	7	196.0	1	32.7	-4.0	2.11	22.5	-20.58	29.5
12	8	197.8	1	14.2	-25.4	0.71	8.6	-23.01	7.1
12	9	199.7	1	2.0	-55.3	0.08	1.1	-27.46	-24.8
12	10	201.5	1	0.0	-89.7	0.00	0.0	-31.19	-69.5
13	0	201.5	1	0.0	0.0	23.73	0.0	0.00	0.0
13	1	203.4	1	36.9	0.0	20.95	36.9	-0.70	11.2
13	2	205.2	1	60.5	0.0	16.55	59.4	-4.85	48.6
13	3	207.1	1	72.9	0.0	12.83	70.3	-8.85	65.3
13	4	208.9	1	75.4	0.0	10.25	70.7	-11.66	70.5
13	5	210.8	1	68.7	0.0	7.13	62.6	-15.13	65.5
13	6	212.6	1	54.4	0.0	4.47	48.0	-18.23	51.9
13	7	214.5	1	35.8	-2.5	2.59	28.1	-20.30	33.0
13	8	216.3	1	16.1	-21.4	0.79	9.6	-22.79	11.1
13	9	218.2	1	2.5	-50.4	0.08	1.2	-27.28	-21.9
13	10	220.0	1	0.0	-84.3	0.00	0.0	-31.02	-66.4
14	0	220.0	1	0.0	0.0	23.73	0.0	0.00	0.0
14	1	221.9	1	36.9	0.0	20.95	36.9	-0.70	11.2
14	2	223.7	1	60.5	0.0	16.55	59.4	-4.85	48.6
14	3	225.6	1	72.9	0.0	12.83	70.3	-8.85	65.3
14	4	227.4	1	75.4	0.0	10.25	70.7	-11.66	70.5
14	5	229.3	1	68.7	0.0	7.13	62.6	-15.13	65.5
14	6	231.1	1	54.4	0.0	4.47	48.0	-18.23	51.9
14	7	233.0	1	35.8	-2.5	2.59	28.1	-20.30	33.0
14	8	234.8	1	16.1	-21.4	0.79	9.6	-22.79	11.1
14	9	236.7	1	2.5	-50.4	0.08	1.2	-27.28	-21.9
14	10	238.5	1	0.0	-84.3	0.00	0.0	-31.02	-66.4
15	0	238.5	1	0.0	0.0	23.72	0.0	0.00	0.0
15	1	240.4	1	36.8	0.0	20.93	36.8	-0.71	11.2
15	2	242.2	1	60.4	0.0	16.51	59.2	-4.87	48.5
15	3	244.1	1	72.6	0.0	12.78	70.0	-8.89	65.1
15	4	245.9	1	74.9	0.0	10.19	70.2	-11.71	70.1
15	5	247.8	1	68.1	0.0	7.07	62.0	-15.19	65.0
15	6	249.6	1	53.8	0.0	4.42	47.5	-18.29	51.3
15	7	251.5	1	35.3	-2.8	2.56	27.8	-20.35	32.4
15	8	253.3	1	16.0	-22.3	0.80	9.7	-22.82	9.9
15	9	255.2	1	2.6	-51.4	0.09	1.2	-27.29	-22.1
15	10	257.0	1	0.0	-85.4	0.00	0.0	-31.05	-66.9
16	0	257.0	1	0.0	0.0	23.29	0.0	0.00	0.0
16	1	258.9	1	36.6	0.0	20.78	36.6	-0.72	11.2
16	2	260.7	1	59.8	0.0	16.36	58.6	-4.97	48.1
16	3	262.6	1	71.6	0.0	12.58	68.9	-9.04	64.2
16	4	264.4	1	73.3	0.0	9.97	68.6	-11.89	68.6
16	5	266.3	1	65.9	0.0	6.83	59.8	-15.41	62.9
16	6	268.1	1	51.2	0.0	4.20	45.0	-18.53	48.7
16	7	270.0	1	32.7	-4.0	2.11	22.5	-20.58	29.5
16	8	271.8	1	14.2	-25.4	0.71	8.6	-23.01	7.1
16	9	273.7	1	2.0	-55.3	0.08	1.1	-27.46	-24.8
16	10	275.5	1	0.0	-89.7	0.00	0.0	-31.19	-69.5
17	0	275.5	1	0.0	0.0	23.29	0.0	0.00	0.0
17	1	277.4	1	36.6	0.0	20.78	36.6	-0.72	11.2
17	2	279.2	1	59.8	0.0	16.36	58.6	-4.97	48.1
17	3	281.1	1	71.6	0.0	12.58	68.9	-9.04	64.2
17	4	282.9	1	73.3	0.0	9.97	68.6	-11.89	68.6
17	5	284.8	1	65.9	0.0	6.83	59.8	-15.41	62.9
17	6	286.6	1	51.2	0.0	4.20	45.0	-18.53	48.7
17	7	288.5	1	32.8	-4.0	2.57	23.7	-20.58	29.5
17	8	290.3	1	14.2	-25.4	0.48	5.6	-23.01	7.1

17	9	292.2	1	2.3	-55.3	0.03	0.4	-27.46	-24.8
17	10	294.0	1	0.0	-89.7	0.00	0.0	-31.19	-69.5
18	0	294.0	1	0.0	-99.6	30.87	-79.1	0.00	0.0
18	1	295.9	1	2.0	-57.1	29.65	-28.5	-0.04	1.1
18	2	297.8	1	14.7	-26.0	25.35	4.1	-0.48	9.0
18	3	299.7	1	33.9	-4.0	21.39	30.6	-1.26	20.9
18	4	301.6	1	52.9	0.0	18.86	50.4	-3.98	46.6
18	5	303.5	1	68.0	0.0	15.06	60.0	-6.51	61.9
18	6	305.4	1	74.6	0.0	12.49	65.1	-8.34	65.6
18	7	307.3	1	73.7	0.0	8.83	59.2	-11.16	66.2
18	8	309.2	1	61.0	0.0	5.95	49.6	-15.63	60.6
18	9	311.1	1	38.0	0.0	0.00	0.0	-19.88	38.0
18	10	313.0	1	0.0	0.0	0.00	0.0	-22.33	0.0
1	0	0.0	2	0.0	-7.1	9.44	-7.1	0.00	0.0
1	1	0.4	2	0.0	-3.4	9.44	-3.3	0.00	0.0
1	2	0.8	2	0.7	-1.1	9.44	-0.3	0.00	0.0
1	3	1.2	2	1.9	-0.1	6.74	1.5	0.00	0.0
1	4	1.6	2	3.2	0.0	4.58	2.4	0.00	0.5
1	5	2.0	2	3.7	0.0	2.74	2.5	-2.74	2.5
1	6	2.4	2	3.2	0.0	2.74	2.0	-2.74	2.4
1	7	2.8	2	1.9	-0.1	1.39	0.9	-4.58	1.5
1	8	3.2	2	0.8	-1.1	0.12	0.1	-6.74	-0.3
1	9	3.6	2	0.2	-3.4	0.00	0.0	-9.44	-3.3
1	10	4.0	2	0.0	-7.1	0.00	0.0	-9.44	-7.1
2	0	4.0	2	0.0	-56.6	23.25	-47.9	0.00	0.0
2	1	5.3	2	0.7	-33.6	22.47	-25.6	-0.01	0.2
2	2	6.5	2	4.1	-13.8	19.63	-7.5	-0.19	1.9
2	3	7.8	2	11.6	-1.3	17.36	8.3	-0.54	5.9
2	4	9.0	2	23.5	0.0	13.51	20.0	-1.93	14.4
2	5	10.3	2	31.2	0.0	10.70	25.1	-3.03	21.0
2	6	11.5	2	34.5	0.0	6.71	24.4	-5.36	26.8
2	7	12.8	2	34.8	0.0	4.74	20.6	-7.33	29.4
2	8	14.0	2	29.6	0.0	2.41	14.2	-10.83	27.1
2	9	15.3	2	17.9	0.0	0.48	2.3	-13.45	17.5
2	10	16.5	2	0.0	0.0	0.00	0.0	-16.26	0.0
3	0	16.5	2	0.0	-86.0	25.05	-58.9	0.00	0.0
3	1	18.4	2	1.4	-51.0	23.91	-33.1	-0.05	1.4
3	2	20.2	2	8.9	-21.1	21.97	-3.6	-0.30	5.1
3	3	22.1	2	25.0	-2.3	19.19	20.3	-1.17	15.5
3	4	23.9	2	44.2	0.0	16.80	39.2	-2.32	29.7
3	5	25.8	2	57.4	0.0	13.24	50.3	-4.36	43.1
3	6	27.6	2	63.0	0.0	9.36	50.4	-7.02	52.7
3	7	29.5	2	62.1	0.0	6.31	39.5	-9.33	55.6
3	8	31.3	2	52.0	0.0	3.19	25.5	-12.80	49.0
3	9	33.2	2	31.6	0.0	0.64	6.0	-16.61	31.0
3	10	35.0	2	0.0	0.0	0.00	0.0	-19.62	0.0
4	0	35.0	2	0.0	-86.0	25.05	-58.9	0.00	0.0
4	1	36.8	2	1.4	-51.0	23.91	-33.1	-0.05	1.4
4	2	38.7	2	8.8	-21.1	21.97	-3.6	-0.19	3.4
4	3	40.5	2	25.0	-2.3	19.19	20.3	-1.08	14.3
4	4	42.4	2	44.2	0.0	16.80	39.2	-2.32	29.7
4	5	44.2	2	57.4	0.0	13.24	50.3	-4.36	43.1
4	6	46.1	2	63.0	0.0	9.36	50.4	-7.02	52.7
4	7	47.9	2	62.1	0.0	6.31	39.5	-9.33	55.6
4	8	49.8	2	52.0	0.0	3.19	25.5	-12.80	49.0
4	9	51.6	2	31.6	0.0	0.64	6.0	-16.61	31.0
4	10	53.5	2	0.0	0.0	0.00	0.0	-19.62	0.0
5	0	53.5	2	0.0	-85.0	25.03	-58.6	0.00	0.0
5	1	55.3	2	1.4	-50.0	24.15	-28.7	-0.02	0.6
5	2	57.2	2	8.9	-20.3	21.62	-4.1	-0.28	4.2
5	3	59.0	2	25.6	-2.0	19.14	21.1	-1.08	14.4
5	4	60.9	2	44.8	0.0	16.74	39.9	-2.34	29.9
5	5	62.7	2	58.0	0.0	13.18	50.8	-4.40	43.5
5	6	64.6	2	63.4	0.0	9.31	50.7	-7.08	53.1
5	7	66.4	2	62.4	0.0	6.28	39.7	-9.39	55.9
5	8	68.3	2	52.2	0.0	3.18	25.6	-12.86	49.2
5	9	70.1	2	31.6	0.0	0.64	6.0	-16.65	31.1
5	10	72.0	2	0.0	0.0	0.00	0.0	-19.66	0.0
6	0	72.0	2	0.0	-90.4	25.17	-61.3	0.00	0.0
6	1	73.8	2	1.2	-54.9	24.34	-32.0	-0.02	0.6
6	2	75.7	2	7.7	-24.2	22.19	-6.9	-0.17	3.0
6	3	77.5	2	22.2	-3.4	19.43	17.3	-0.99	13.2
6	4	79.4	2	41.6	0.0	17.03	36.7	-2.17	27.9
6	5	81.2	2	55.3	0.0	13.44	48.5	-4.15	41.1
6	6	83.1	2	61.4	0.0	9.51	49.3	-6.79	51.0
6	7	84.9	2	60.9	0.0	6.41	39.0	-9.10	54.3
6	8	86.8	2	51.3	0.0	3.25	25.4	-12.59	48.3
6	9	88.6	2	31.3	0.0	0.65	5.9	-16.44	30.7
6	10	90.5	2	0.0	0.0	0.00	0.0	-19.50	0.0
7	0	90.5	2	0.0	-87.8	25.08	-59.6	0.00	0.0
7	1	92.3	2	1.3	-52.7	24.23	-30.1	-0.02	0.6
7	2	94.2	2	8.5	-22.5	21.76	-6.1	-0.28	4.1

7	3	96.0	2	23.8	-2.6	19.29	19.0	-1.05	14.0
7	4	97.9	2	43.0	0.0	16.90	38.1	-2.27	29.1
7	5	99.7	2	56.5	0.0	13.33	49.5	-4.28	42.3
7	6	101.6	2	62.2	0.0	9.41	50.0	-6.93	52.0
7	7	103.4	2	61.5	0.0	6.34	39.3	-9.23	55.0
7	8	105.3	2	51.7	0.0	3.21	25.5	-12.70	48.7
7	9	107.1	2	31.5	0.0	0.65	6.0	-16.54	30.9
7	10	109.0	2	0.0	0.0	0.00	0.0	-19.58	0.0
8	0	109.0	2	0.0	-90.4	25.17	-61.3	0.00	0.0
8	1	110.8	2	1.2	-54.9	24.34	-32.0	-0.02	0.6
8	2	112.7	2	7.7	-24.2	22.19	-6.9	-0.17	3.0
8	3	114.5	2	22.2	-3.4	19.43	17.3	-0.99	13.2
8	4	116.4	2	41.6	0.0	17.03	36.7	-2.17	27.9
8	5	118.2	2	55.3	0.0	13.44	48.5	-4.15	41.1
8	6	120.1	2	61.4	0.0	9.51	49.3	-6.79	51.0
8	7	121.9	2	60.9	0.0	6.41	39.0	-9.10	54.3
8	8	123.8	2	51.3	0.0	3.25	25.4	-12.59	48.3
8	9	125.6	2	31.3	0.0	0.65	5.9	-16.44	30.7
8	10	127.5	2	0.0	0.0	0.00	0.0	-19.50	0.0
9	0	127.5	2	0.0	-67.5	23.77	-52.6	0.00	0.0
9	1	129.4	2	1.5	-35.3	22.38	-22.8	-0.04	0.7
9	2	131.2	2	9.3	-11.1	18.98	1.2	-0.34	4.3
9	3	133.1	2	24.1	-0.6	15.03	19.9	-2.15	16.0
9	4	134.9	2	35.8	0.0	11.93	30.2	-3.84	25.4
9	5	136.8	2	39.5	0.0	7.96	31.7	-7.04	31.7
9	6	138.6	2	35.8	0.0	4.59	25.4	-10.92	30.2
9	7	140.5	2	24.1	-0.6	2.62	16.0	-14.00	19.9
9	8	142.3	2	9.3	-11.1	0.51	4.3	-18.04	1.2
9	9	144.2	2	1.5	-35.3	0.08	0.7	-21.63	-22.8
9	10	146.0	2	0.0	-67.5	0.00	0.0	-23.77	-52.6
10	0	146.0	2	0.0	-67.5	23.77	-52.6	0.00	0.0
10	1	147.9	2	1.5	-35.3	22.38	-22.8	-0.04	0.7
10	2	149.7	2	9.3	-11.1	18.98	1.2	-0.34	4.3
10	3	151.6	2	24.1	-0.6	15.03	19.9	-2.15	16.0
10	4	153.4	2	35.8	0.0	11.93	30.2	-3.84	25.4
10	5	155.3	2	39.5	0.0	7.96	31.7	-7.04	31.7
10	6	157.1	2	35.8	0.0	4.59	25.4	-10.92	30.2
10	7	159.0	2	24.1	-0.6	2.62	16.0	-14.00	19.9
10	8	160.8	2	9.3	-11.1	0.51	4.3	-18.04	1.2
10	9	162.7	2	1.5	-35.3	0.08	0.7	-21.63	-22.8
10	10	164.5	2	0.0	-67.5	0.00	0.0	-23.77	-52.6
11	0	164.5	2	0.0	0.0	19.50	0.0	0.00	0.0
11	1	166.4	2	31.3	0.0	17.45	30.7	-0.38	5.9
11	2	168.2	2	51.3	0.0	13.53	48.3	-2.71	25.4
11	3	170.1	2	60.9	0.0	9.95	54.3	-5.52	39.0
11	4	171.9	2	61.4	0.0	7.52	51.0	-8.49	49.3
11	5	173.8	2	55.3	0.0	4.75	41.1	-12.48	48.5
11	6	175.6	2	41.6	0.0	2.62	27.9	-16.16	36.7
11	7	177.5	2	22.2	-3.4	1.45	13.2	-18.67	17.3
11	8	179.3	2	7.7	-24.2	0.25	3.0	-21.57	-6.9
11	9	181.2	2	1.2	-54.9	0.04	0.6	-23.89	-32.0
11	10	183.0	2	0.0	-90.4	0.00	0.0	-25.17	-61.3
12	0	183.0	2	0.0	0.0	19.50	0.0	0.00	0.0
12	1	184.9	2	31.3	0.0	17.45	30.7	-0.38	5.9
12	2	186.7	2	51.3	0.0	13.53	48.3	-2.71	25.4
12	3	188.6	2	60.9	0.0	9.95	54.3	-5.52	39.0
12	4	190.4	2	61.4	0.0	7.52	51.0	-8.49	49.3
12	5	192.3	2	55.3	0.0	4.75	41.1	-12.48	48.5
12	6	194.1	2	41.6	0.0	2.62	27.9	-16.16	36.7
12	7	196.0	2	22.2	-3.4	1.45	13.2	-18.67	17.3
12	8	197.8	2	7.7	-24.2	0.25	3.0	-21.57	-6.9
12	9	199.7	2	1.2	-54.9	0.04	0.6	-23.89	-32.0
12	10	201.5	2	0.0	-90.4	0.00	0.0	-25.17	-61.3
13	0	201.5	2	0.0	0.0	19.66	0.0	0.00	0.0
13	1	203.4	2	31.6	0.0	17.65	31.1	-0.37	6.0
13	2	205.2	2	52.2	0.0	13.79	49.2	-2.65	25.6
13	3	207.1	2	62.4	0.0	10.23	55.9	-5.40	39.7
13	4	208.9	2	63.4	0.0	7.81	53.1	-8.32	50.7
13	5	210.8	2	58.0	0.0	5.01	43.5	-12.24	50.8
13	6	212.6	2	44.8	0.0	2.81	29.9	-15.87	39.9
13	7	214.5	2	25.6	-2.0	1.58	14.4	-18.38	21.1
13	8	216.3	2	8.9	-20.3	0.28	4.2	-21.30	-4.1
13	9	218.2	2	1.4	-50.0	0.05	0.6	-23.68	-28.7
13	10	220.0	2	0.0	-85.0	0.00	0.0	-25.03	-58.6
14	0	220.0	2	0.0	0.0	19.66	0.0	0.00	0.0
14	1	221.9	2	31.6	0.0	17.65	31.1	-0.37	6.0
14	2	223.7	2	52.2	0.0	13.79	49.2	-2.65	25.6
14	3	225.6	2	62.4	0.0	10.23	55.9	-5.40	39.7
14	4	227.4	2	63.4	0.0	7.81	53.1	-8.32	50.7
14	5	229.3	2	58.0	0.0	5.01	43.5	-12.24	50.8
14	6	231.1	2	44.8	0.0	2.81	29.9	-15.87	39.9
14	7	233.0	2	25.6	-2.0	1.58	14.4	-18.38	21.1
14	8	234.8	2	8.9	-20.3	0.28	4.2	-21.30	-4.1

14	9	236.7	2	1.4	-50.0	0.05	0.6	-23.68	-28.7
14	10	238.5	2	0.0	-85.0	0.00	0.0	-25.03	-58.6
15	0	238.5	2	0.0	0.0	19.62	0.0	0.00	0.0
15	1	240.4	2	31.6	0.0	17.61	31.0	-0.38	6.0
15	2	242.2	2	52.0	0.0	13.73	49.0	-2.66	25.5
15	3	244.1	2	62.1	0.0	10.17	55.6	-5.43	39.5
15	4	245.9	2	63.0	0.0	7.75	52.7	-8.36	50.4
15	5	247.8	2	57.4	0.0	4.97	43.1	-12.29	50.3
15	6	249.6	2	44.2	0.0	2.79	29.7	-15.93	39.2
15	7	251.5	2	25.0	-2.3	1.56	14.3	-18.43	20.3
15	8	253.3	2	8.8	-21.1	0.29	3.4	-21.35	-3.6
15	9	255.2	2	1.4	-51.0	0.05	0.7	-23.70	-29.1
15	10	257.0	2	0.0	-86.0	0.00	0.0	-25.05	-58.9
16	0	257.0	2	0.0	0.0	19.50	0.0	0.00	0.0
16	1	258.9	2	31.3	0.0	17.45	30.7	-0.38	5.9
16	2	260.7	2	51.3	0.0	13.53	48.3	-2.71	25.4
16	3	262.6	2	60.9	0.0	9.95	54.3	-5.52	39.0
16	4	264.4	2	61.4	0.0	7.52	51.0	-8.49	49.3
16	5	266.3	2	55.3	0.0	4.75	41.1	-12.48	48.5
16	6	268.1	2	41.6	0.0	2.62	27.9	-16.16	36.7
16	7	270.0	2	22.2	-3.4	1.45	13.2	-18.67	17.3
16	8	271.8	2	7.7	-24.2	0.25	3.0	-21.57	-6.9
16	9	273.7	2	1.2	-54.9	0.04	0.6	-23.89	-32.0
16	10	275.5	2	0.0	-90.4	0.00	0.0	-25.17	-61.3
17	0	275.5	2	0.0	0.0	19.50	0.0	0.00	0.0
17	1	277.4	2	31.3	0.0	17.45	30.7	-0.38	5.9
17	2	279.2	2	51.3	0.0	13.53	48.3	-2.71	25.4
17	3	281.1	2	60.9	0.0	9.95	54.3	-5.52	39.0
17	4	282.9	2	61.4	0.0	7.52	51.0	-8.49	49.3
17	5	284.8	2	55.3	0.0	4.75	41.1	-12.48	48.5
17	6	286.6	2	41.6	0.0	2.62	27.9	-16.16	36.7
17	7	288.5	2	22.2	-3.4	1.45	13.2	-18.67	17.3
17	8	290.3	2	7.7	-24.2	0.25	3.0	-21.57	-6.9
17	9	292.2	2	1.2	-54.9	0.01	0.2	-23.89	-32.0
17	10	294.0	2	0.0	-90.4	0.00	0.0	-25.17	-61.3
18	0	294.0	2	0.0	-93.0	24.90	-68.6	0.00	0.0
18	1	295.9	2	1.3	-56.5	24.47	-32.4	-0.02	0.6
18	2	297.8	2	8.0	-24.9	22.42	-6.6	-0.16	3.2
18	3	299.7	2	23.1	-3.2	19.06	14.7	-0.87	12.8
18	4	301.6	2	43.3	0.0	15.81	34.6	-2.06	24.4
18	5	303.5	2	57.4	0.0	12.19	46.0	-3.95	37.6
18	6	305.4	2	63.2	0.0	9.27	45.9	-5.79	47.9
18	7	307.3	2	63.3	0.0	5.75	38.9	-8.69	52.0
18	8	309.2	2	53.3	0.0	3.16	26.4	-12.92	50.2
18	9	311.1	2	31.9	0.0	0.00	0.0	-16.70	31.9
18	10	313.0	2	0.0	0.0	0.00	0.0	-19.03	0.0
1	0	0.0	3	0.0	-7.7	9.83	-7.7	0.00	0.0
1	1	0.4	3	0.0	-3.7	9.83	-3.7	0.00	0.0
1	2	0.8	3	0.7	-1.2	9.83	-0.6	0.00	0.0
1	3	1.2	3	2.0	-0.1	7.37	1.9	0.00	0.0
1	4	1.6	3	3.6	0.0	4.92	3.2	0.00	0.5
1	5	2.0	3	4.6	0.0	2.50	2.3	-2.50	2.3
1	6	2.4	3	3.6	0.0	2.50	1.8	-2.50	3.2
1	7	2.8	3	2.0	-0.1	1.27	0.8	-4.92	1.9
1	8	3.2	3	0.8	-1.2	0.11	0.1	-7.37	-0.6
1	9	3.6	3	0.2	-3.7	0.00	0.0	-9.83	-3.7
1	10	4.0	3	0.0	-7.7	0.00	0.0	-9.83	-7.7
2	0	4.0	3	0.0	-51.6	21.20	-43.7	0.00	0.0
2	1	5.3	3	0.6	-30.6	20.49	-23.3	-0.01	0.2
2	2	6.5	3	3.7	-12.6	17.90	-6.9	-0.17	1.7
2	3	7.8	3	10.6	-1.2	15.83	7.6	-0.50	5.4
2	4	9.0	3	21.4	0.0	12.32	18.2	-1.76	13.2
2	5	10.3	3	28.5	0.0	9.76	22.9	-2.76	19.1
2	6	11.5	3	31.5	0.0	6.12	22.2	-4.88	24.4
2	7	12.8	3	31.7	0.0	4.33	18.8	-6.69	26.8
2	8	14.0	3	27.0	0.0	2.19	13.0	-9.87	24.7
2	9	15.3	3	16.3	0.0	0.44	2.1	-12.26	16.0
2	10	16.5	3	0.0	0.0	0.00	0.0	-14.83	0.0
3	0	16.5	3	0.0	-78.4	23.41	-64.8	0.00	0.0
3	1	18.4	3	1.3	-46.5	22.37	-31.5	-0.05	1.3
3	2	20.2	3	8.1	-19.3	20.03	-3.3	-0.27	4.7
3	3	22.1	3	22.8	-2.1	17.50	18.5	-1.07	14.1
3	4	23.9	3	40.3	0.0	15.32	35.7	-2.11	27.1
3	5	25.8	3	52.4	0.0	12.07	45.9	-3.98	39.3
3	6	27.6	3	57.4	0.0	8.53	45.9	-6.41	48.1
3	7	29.5	3	56.6	0.0	5.75	36.0	-8.51	50.7
3	8	31.3	3	47.4	0.0	2.91	23.3	-11.67	44.7
3	9	33.2	3	28.8	0.0	0.59	5.4	-15.17	28.3
3	10	35.0	3	0.0	0.0	0.00	0.0	-17.89	0.0
4	0	35.0	3	0.0	-78.4	23.41	-64.8	0.00	0.0
4	1	36.8	3	1.3	-46.5	22.37	-31.5	-0.05	1.3
4	2	38.7	3	8.1	-19.3	20.03	-3.3	-0.27	4.7

4	3	40.5	3	22.8	-2.1	17.50	18.5	-1.07	14.1
4	4	42.4	3	40.3	0.0	15.32	35.7	-2.11	27.1
4	5	44.2	3	52.4	0.0	12.07	45.9	-3.98	39.3
4	6	46.1	3	57.4	0.0	8.53	45.9	-6.41	48.1
4	7	47.9	3	56.6	0.0	5.75	36.0	-8.51	50.7
4	8	49.8	3	47.4	0.0	2.91	23.3	-11.67	44.7
4	9	51.6	3	28.8	0.0	0.59	5.4	-15.17	28.3
4	10	53.5	3	0.0	0.0	0.00	0.0	-17.89	0.0
5	0	53.5	3	0.0	-77.5	23.39	-64.4	0.00	0.0
5	1	55.3	3	1.3	-45.6	22.68	-28.1	-0.02	0.6
5	2	57.2	3	8.1	-18.5	19.72	-3.8	-0.32	5.1
5	3	59.0	3	23.3	-1.8	17.45	19.2	-1.07	14.2
5	4	60.9	3	40.8	0.0	15.26	36.3	-2.13	27.3
5	5	62.7	3	52.9	0.0	12.02	46.3	-4.01	39.6
5	6	64.6	3	57.8	0.0	8.49	46.2	-6.45	48.4
5	7	66.4	3	56.9	0.0	5.73	36.2	-8.56	51.0
5	8	68.3	3	47.6	0.0	2.89	23.3	-11.72	44.9
5	9	70.1	3	28.9	0.0	0.29	2.8	-15.21	28.4
5	10	72.0	3	0.0	0.0	0.00	0.0	-17.92	0.0
6	0	72.0	3	0.0	-82.4	23.56	-67.6	0.00	0.0
6	1	73.8	3	1.1	-50.0	22.86	-31.3	-0.01	0.2
6	2	75.7	3	7.0	-22.1	20.23	-6.3	-0.16	2.7
6	3	77.5	3	20.3	-3.1	17.71	15.8	-0.90	12.0
6	4	79.4	3	37.9	0.0	15.53	33.5	-1.98	25.4
6	5	81.2	3	50.5	0.0	12.25	44.2	-3.79	37.5
6	6	83.1	3	55.9	0.0	8.67	44.9	-6.19	46.5
6	7	84.9	3	55.5	0.0	5.85	35.6	-8.29	49.5
6	8	86.8	3	46.8	0.0	2.96	23.1	-11.48	44.0
6	9	88.6	3	28.5	0.0	0.30	2.8	-15.01	28.1
6	10	90.5	3	0.0	0.0	0.00	0.0	-17.78	0.0
7	0	90.5	3	0.0	-80.1	23.46	-65.7	0.00	0.0
7	1	92.3	3	1.2	-48.0	22.76	-29.5	-0.01	0.2
7	2	94.2	3	7.8	-20.5	19.84	-5.6	-0.25	3.7
7	3	96.0	3	21.7	-2.4	17.59	17.3	-0.96	12.8
7	4	97.9	3	39.2	0.0	15.41	34.7	-2.07	26.5
7	5	99.7	3	51.5	0.0	12.15	45.1	-3.90	38.6
7	6	101.6	3	56.7	0.0	8.58	45.6	-6.32	47.4
7	7	103.4	3	56.1	0.0	5.78	35.9	-8.41	50.2
7	8	105.3	3	47.1	0.0	2.92	23.2	-11.58	44.4
7	9	107.1	3	28.7	0.0	0.29	2.8	-15.11	28.2
7	10	109.0	3	0.0	0.0	0.00	0.0	-17.85	0.0
8	0	109.0	3	0.0	-82.4	23.56	-67.6	0.00	0.0
8	1	110.8	3	1.1	-50.0	22.86	-31.3	-0.01	0.2
8	2	112.7	3	7.0	-22.1	20.23	-6.3	-0.16	2.7
8	3	114.5	3	20.3	-3.1	17.71	15.8	-0.90	12.0
8	4	116.4	3	37.9	0.0	15.53	33.5	-1.98	25.4
8	5	118.2	3	50.5	0.0	12.25	44.2	-3.79	37.5
8	6	120.1	3	55.9	0.0	8.67	44.9	-6.19	46.5
8	7	121.9	3	55.5	0.0	5.85	35.6	-8.29	49.5
8	8	123.8	3	46.8	0.0	2.96	23.1	-11.48	44.0
8	9	125.6	3	28.5	0.0	0.30	2.8	-15.01	28.1
8	10	127.5	3	0.0	0.0	0.00	0.0	-17.78	0.0
9	0	127.5	3	0.0	-61.6	22.20	-42.7	0.00	0.0
9	1	129.4	3	1.4	-32.2	20.51	-21.0	-0.02	0.2
9	2	131.2	3	8.5	-10.1	17.31	1.1	-0.30	3.1
9	3	133.1	3	22.0	-0.6	13.70	18.1	-1.96	14.6
9	4	134.9	3	32.6	0.0	10.88	27.5	-3.50	23.2
9	5	136.8	3	36.0	0.0	7.26	28.9	-6.42	28.9
9	6	138.6	3	32.6	0.0	4.18	23.2	-9.95	27.5
9	7	140.5	3	22.0	-0.6	2.38	14.6	-12.76	18.1
9	8	142.3	3	8.5	-10.1	0.44	3.1	-16.45	1.1
9	9	144.2	3	1.4	-32.2	0.03	0.2	-19.77	-21.0
9	10	146.0	3	0.0	-61.6	0.00	0.0	-21.67	-48.0
10	0	146.0	3	0.0	-61.6	22.62	-45.2	0.00	0.0
10	1	147.9	3	1.4	-32.2	20.51	-21.0	-0.02	0.2
10	2	149.7	3	8.5	-10.1	17.31	1.1	-0.30	3.1
10	3	151.6	3	22.0	-0.6	13.70	18.1	-1.96	14.6
10	4	153.4	3	32.6	0.0	10.88	27.5	-3.50	23.2
10	5	155.3	3	36.0	0.0	7.26	28.9	-6.42	28.9
10	6	157.1	3	32.6	0.0	4.18	23.2	-9.95	27.5
10	7	159.0	3	22.0	-0.6	2.38	14.6	-12.76	18.1
10	8	160.8	3	8.5	-10.1	0.44	3.1	-16.45	1.1
10	9	162.7	3	1.4	-32.2	0.03	0.2	-19.77	-21.0
10	10	164.5	3	0.0	-61.6	0.00	0.0	-21.67	-48.0
11	0	164.5	3	0.0	0.0	18.96	0.0	0.00	0.0
11	1	166.4	3	28.5	0.0	15.97	28.1	-0.20	2.8
11	2	168.2	3	46.8	0.0	12.34	44.0	-2.47	23.1
11	3	170.1	3	55.5	0.0	9.07	49.5	-5.03	35.6
11	4	171.9	3	55.9	0.0	6.85	46.5	-7.74	44.9
11	5	173.8	3	50.5	0.0	4.33	37.5	-11.38	44.2
11	6	175.6	3	37.9	0.0	2.39	25.4	-14.73	33.5
11	7	177.5	3	20.3	-3.1	1.32	12.0	-17.02	15.8
11	8	179.3	3	7.0	-22.1	0.23	2.7	-19.67	-6.3

11	9	181.2	3	1.1	-50.0	0.01	0.2	-22.16	-31.3
11	10	183.0	3	0.0	-82.4	0.00	0.0	-23.56	-67.6
12	0	183.0	3	0.0	0.0	18.96	0.0	0.00	0.0
12	1	184.9	3	28.5	0.0	15.97	28.1	-0.20	2.8
12	2	186.7	3	46.8	0.0	12.34	44.0	-2.47	23.1
12	3	188.6	3	55.5	0.0	9.07	49.5	-5.03	35.6
12	4	190.4	3	55.9	0.0	6.85	46.5	-7.74	44.9
12	5	192.3	3	50.5	0.0	4.33	37.5	-11.38	44.2
12	6	194.1	3	37.9	0.0	2.39	25.4	-14.73	33.5
12	7	196.0	3	20.3	-3.1	1.32	12.0	-17.02	15.8
12	8	197.8	3	7.0	-22.1	0.23	2.7	-19.67	-6.3
12	9	199.7	3	1.1	-50.0	0.01	0.2	-22.16	-31.3
12	10	201.5	3	0.0	-82.4	0.00	0.0	-23.56	-67.6
13	0	201.5	3	0.0	0.0	19.10	0.0	0.00	0.0
13	1	203.4	3	28.9	0.0	16.15	28.4	-0.19	2.8
13	2	205.2	3	47.6	0.0	12.57	44.9	-2.42	23.3
13	3	207.1	3	56.9	0.0	9.33	51.0	-4.93	36.2
13	4	208.9	3	57.8	0.0	7.12	48.4	-7.58	46.2
13	5	210.8	3	52.9	0.0	4.57	39.6	-11.16	46.3
13	6	212.6	3	40.8	0.0	2.56	27.3	-14.47	36.3
13	7	214.5	3	23.3	-1.8	1.44	13.1	-16.75	19.2
13	8	216.3	3	8.1	-18.5	0.26	3.8	-19.42	-2.7
13	9	218.2	3	1.3	-45.6	0.01	0.2	-21.97	-28.1
13	10	220.0	3	0.0	-77.5	0.00	0.0	-23.39	-64.4
14	0	220.0	3	0.0	0.0	19.10	0.0	0.00	0.0
14	1	221.9	3	28.9	0.0	16.15	28.4	-0.19	2.8
14	2	223.7	3	47.6	0.0	12.57	44.9	-2.42	23.3
14	3	225.6	3	56.9	0.0	9.33	51.0	-4.93	36.2
14	4	227.4	3	57.8	0.0	7.12	48.4	-7.58	46.2
14	5	229.3	3	52.9	0.0	4.57	39.6	-11.16	46.3
14	6	231.1	3	40.8	0.0	2.56	27.3	-14.47	36.3
14	7	233.0	3	23.3	-1.8	1.44	13.1	-16.75	19.2
14	8	234.8	3	8.1	-18.5	0.26	3.8	-19.42	-2.7
14	9	236.7	3	1.3	-45.6	0.01	0.2	-21.97	-28.1
14	10	238.5	3	0.0	-77.5	0.00	0.0	-23.39	-64.4
15	0	238.5	3	0.0	0.0	19.08	0.0	0.00	0.0
15	1	240.4	3	28.8	0.0	16.12	28.3	-0.20	2.8
15	2	242.2	3	47.4	0.0	12.52	44.7	-2.43	23.3
15	3	244.1	3	56.6	0.0	9.28	50.7	-4.95	36.0
15	4	245.9	3	57.4	0.0	7.07	48.1	-7.62	45.9
15	5	247.8	3	52.4	0.0	4.53	39.3	-11.21	45.9
15	6	249.6	3	40.3	0.0	2.54	27.1	-14.53	35.7
15	7	251.5	3	22.8	-2.1	1.43	13.1	-16.81	18.5
15	8	253.3	3	8.1	-19.3	0.26	3.1	-19.46	-3.3
15	9	255.2	3	1.3	-46.5	0.02	0.2	-21.99	-28.5
15	10	257.0	3	0.0	-78.4	0.00	0.0	-23.41	-64.8
16	0	257.0	3	0.0	0.0	17.78	0.0	0.00	0.0
16	1	258.9	3	28.5	0.0	15.97	28.1	-0.20	2.8
16	2	260.7	3	46.8	0.0	12.34	44.0	-2.47	23.1
16	3	262.6	3	55.5	0.0	9.07	49.5	-5.03	35.6
16	4	264.4	3	55.9	0.0	6.85	46.5	-7.74	44.9
16	5	266.3	3	50.5	0.0	4.33	37.5	-11.38	44.2
16	6	268.1	3	37.9	0.0	2.39	25.4	-14.73	33.5
16	7	270.0	3	20.3	-3.1	1.32	13.0	-17.02	15.8
16	8	271.8	3	7.1	-22.1	0.34	4.2	-19.67	-6.3
16	9	273.7	3	1.1	-50.0	0.04	0.5	-22.16	-31.3
16	10	275.5	3	0.0	-82.4	0.00	0.0	-23.56	-67.6
17	0	275.5	3	0.0	0.0	17.78	0.0	0.00	0.0
17	1	277.4	3	28.5	0.0	15.97	28.1	-0.35	5.4
17	2	279.2	3	46.8	0.0	12.34	44.0	-2.47	23.1
17	3	281.1	3	55.5	0.0	9.07	49.5	-5.03	35.6
17	4	282.9	3	55.9	0.0	6.85	46.5	-7.74	44.9
17	5	284.8	3	50.5	0.0	4.33	37.5	-11.38	44.2
17	6	286.6	3	37.9	0.0	2.39	25.4	-14.73	33.5
17	7	288.5	3	20.2	-3.1	1.32	12.0	-17.02	15.8
17	8	290.3	3	7.0	-22.1	0.23	2.7	-19.67	-6.3
17	9	292.2	3	1.1	-50.0	0.01	0.2	-22.16	-31.3
17	10	294.0	3	0.0	-82.4	0.00	0.0	-23.56	-67.6
18	0	294.0	3	0.0	-84.8	23.95	-70.4	0.00	0.0
18	1	295.9	3	1.2	-51.6	23.24	-32.6	-0.01	0.2
18	2	297.8	3	7.3	-22.8	20.75	-6.5	-0.15	2.9
18	3	299.7	3	21.0	-2.9	18.05	16.6	-0.79	12.4
18	4	301.6	3	39.4	0.0	15.19	35.0	-2.26	26.6
18	5	303.5	3	52.4	0.0	11.97	46.1	-4.13	39.2
18	6	305.4	3	58.0	0.0	9.35	47.3	-5.90	48.6
18	7	307.3	3	57.7	0.0	5.94	39.6	-8.65	51.6
18	8	309.2	3	48.6	0.0	2.88	24.0	-11.78	45.8
18	9	311.1	3	29.6	0.0	0.00	0.0	-15.27	29.2
18	10	313.0	3	0.0	0.0	0.00	0.0	-17.95	0.0
1	0	0.0	4	0.0	-6.9	8.88	-6.9	0.00	0.0
1	1	0.4	4	0.0	-3.4	8.88	-3.4	0.00	0.0
1	2	0.8	4	0.7	-1.1	8.88	-0.5	0.00	0.0

1	3	1.2	4	1.9	-0.1	6.66	1.7	0.00	0.0
1	4	1.6	4	3.3	0.0	4.44	2.9	0.00	0.5
1	5	2.0	4	4.2	0.0	2.58	2.4	-2.58	2.4
1	6	2.4	4	3.3	0.0	2.58	1.9	-2.58	2.9
1	7	2.8	4	1.9	-0.1	1.31	0.8	-4.44	1.7
1	8	3.2	4	0.8	-1.1	0.11	0.1	-6.66	-0.5
1	9	3.6	4	0.2	-3.4	0.00	0.0	-8.88	-3.4
1	10	4.0	4	0.0	-6.9	0.00	0.0	-8.88	-6.9
2	0	4.0	4	0.0	-46.6	19.15	-39.5	0.00	0.0
2	1	5.3	4	0.6	-27.6	18.50	-21.1	-0.01	0.2
2	2	6.5	4	3.9	-11.4	16.16	-6.2	-0.17	1.7
2	3	7.8	4	10.1	-1.2	14.30	6.9	-0.51	5.5
2	4	9.0	4	19.3	0.0	11.13	16.5	-1.78	13.4
2	5	10.3	4	25.7	0.0	8.81	20.7	-2.68	18.2
2	6	11.5	4	28.4	0.0	5.86	21.4	-4.41	22.1
2	7	12.8	4	28.6	0.0	4.47	19.4	-6.04	24.2
2	8	14.0	4	24.4	0.0	2.27	13.4	-8.92	22.3
2	9	15.3	4	14.7	0.0	0.46	2.1	-11.08	14.4
2	10	16.5	4	0.0	0.0	0.00	0.0	-13.39	0.0
3	0	16.5	4	0.0	-70.8	20.63	-48.5	0.00	0.0
3	1	18.4	4	1.2	-42.0	19.69	-27.3	-0.04	1.1
3	2	20.2	4	8.1	-17.4	18.10	-3.0	-0.25	4.2
3	3	22.1	4	20.5	-1.9	15.81	16.7	-1.05	13.9
3	4	23.9	4	36.4	0.0	13.83	32.3	-1.91	24.5
3	5	25.8	4	47.3	0.0	10.90	41.4	-3.59	35.5
3	6	27.6	4	51.9	0.0	7.71	41.5	-5.79	43.4
3	7	29.5	4	51.1	0.0	5.20	33.4	-7.68	45.8
3	8	31.3	4	42.8	0.0	2.97	24.2	-10.54	40.4
3	9	33.2	4	26.0	0.0	0.37	6.0	-13.68	25.5
3	10	35.0	4	0.0	0.0	0.00	0.0	-16.16	0.0
4	0	35.0	4	0.0	-70.8	20.63	-48.5	0.00	0.0
4	1	36.8	4	1.2	-42.0	19.69	-27.3	-0.04	1.1
4	2	38.7	4	8.1	-17.4	18.10	-3.0	-0.25	4.2
4	3	40.5	4	20.5	-1.9	15.81	16.7	-1.05	13.9
4	4	42.4	4	36.4	0.0	13.83	32.3	-1.91	24.5
4	5	44.2	4	47.3	0.0	10.90	41.4	-3.59	35.5
4	6	46.1	4	51.9	0.0	7.71	41.5	-5.79	43.4
4	7	47.9	4	51.1	0.0	5.20	33.4	-7.68	45.8
4	8	49.8	4	42.8	0.0	2.97	23.4	-10.54	40.4
4	9	51.6	4	26.0	0.0	0.37	6.0	-13.68	25.5
4	10	53.5	4	0.0	0.0	0.00	0.0	-16.16	0.0
5	0	53.5	4	0.0	-70.0	20.61	-48.3	0.00	0.0
5	1	55.3	4	1.1	-41.2	19.89	-23.6	-0.02	0.5
5	2	57.2	4	8.0	-16.7	17.81	-3.4	-0.29	4.6
5	3	59.0	4	21.0	-1.7	15.76	17.3	-1.06	14.0
5	4	60.9	4	36.9	0.0	13.79	32.8	-1.93	24.7
5	5	62.7	4	47.7	0.0	10.86	41.8	-3.62	35.8
5	6	64.6	4	52.2	0.0	7.67	41.8	-5.83	43.7
5	7	66.4	4	51.4	0.0	5.17	33.5	-7.73	46.0
5	8	68.3	4	43.0	0.0	2.96	23.5	-10.59	40.6
5	9	70.1	4	26.1	0.0	0.37	6.0	-13.71	25.6
5	10	72.0	4	0.0	0.0	0.00	0.0	-16.19	0.0
6	0	72.0	4	0.0	-74.4	20.73	-50.5	0.00	0.0
6	1	73.8	4	1.0	-45.2	20.04	-26.4	-0.01	0.2
6	2	75.7	4	6.8	-20.0	18.27	-5.6	-0.14	2.5
6	3	77.5	4	18.5	-2.8	16.00	14.2	-0.97	12.9
6	4	79.4	4	34.2	0.0	14.02	30.2	-1.80	23.1
6	5	81.2	4	45.6	0.0	11.07	39.9	-3.42	33.9
6	6	83.1	4	50.5	0.0	7.83	40.6	-5.59	42.0
6	7	84.9	4	50.2	0.0	5.28	32.9	-7.49	44.7
6	8	86.8	4	42.2	0.0	3.03	23.2	-10.37	39.8
6	9	88.6	4	25.8	0.0	0.41	5.9	-13.54	25.3
6	10	90.5	4	0.0	0.0	0.00	0.0	-16.06	0.0
7	0	90.5	4	0.0	-72.3	20.66	-49.1	0.00	0.0
7	1	92.3	4	1.1	-43.4	19.95	-24.8	-0.01	0.2
7	2	94.2	4	7.6	-18.5	17.92	-5.0	-0.23	3.4
7	3	96.0	4	19.7	-2.2	15.89	15.7	-1.03	13.6
7	4	97.9	4	35.4	0.0	13.92	31.4	-1.88	24.0
7	5	99.7	4	46.5	0.0	10.98	40.8	-3.53	34.9
7	6	101.6	4	51.3	0.0	7.75	41.2	-5.70	42.8
7	7	103.4	4	50.7	0.0	5.22	33.2	-7.60	45.3
7	8	105.3	4	42.6	0.0	2.99	23.4	-10.46	40.1
7	9	107.1	4	25.9	0.0	0.38	6.0	-13.62	25.4
7	10	109.0	4	0.0	0.0	0.00	0.0	-16.13	0.0
8	0	109.0	4	0.0	-74.4	21.01	-44.5	0.00	0.0
8	1	110.8	4	1.0	-45.2	20.04	-26.4	-0.01	0.2
8	2	112.7	4	6.8	-20.0	18.27	-5.6	-0.14	2.5
8	3	114.5	4	18.5	-2.8	16.00	14.2	-0.97	12.9
8	4	116.4	4	34.2	0.0	14.02	30.2	-1.80	23.1
8	5	118.2	4	45.6	0.0	11.07	39.9	-3.42	33.9
8	6	120.1	4	50.5	0.0	7.83	40.6	-5.59	42.0
8	7	121.9	4	50.2	0.0	5.28	32.9	-7.49	44.7
8	8	123.8	4	42.2	0.0	3.03	23.2	-10.37	39.8

8	9	125.6	4	25.8	0.0	0.41	5.9	-13.54	25.3
8	10	127.5	4	0.0	0.0	0.00	0.0	-16.06	0.0
9	0	127.5	4	0.0	-55.6	20.05	-38.6	0.00	0.0
9	1	129.4	4	1.3	-29.1	18.43	-18.7	-0.01	0.2
9	2	131.2	4	8.6	-9.1	15.63	1.0	-0.40	4.8
9	3	133.1	4	19.8	-0.5	12.37	16.4	-1.93	14.4
9	4	134.9	4	29.5	0.0	9.83	24.9	-3.16	20.9
9	5	136.8	4	32.5	0.0	6.56	26.1	-5.80	26.1
9	6	138.6	4	29.5	0.0	3.78	20.9	-8.99	24.9
9	7	140.5	4	19.8	-0.5	2.30	14.4	-11.53	16.4
9	8	142.3	4	8.6	-9.1	0.65	4.8	-14.86	1.0
9	9	144.2	4	1.3	-29.1	0.02	0.2	-17.81	-18.7
9	10	146.0	4	0.0	-55.6	0.00	0.0	-19.58	-43.4
10	0	146.0	4	0.0	-55.6	20.05	-38.6	0.00	0.0
10	1	147.9	4	1.3	-29.1	18.43	-18.7	-0.01	0.2
10	2	149.7	4	8.6	-9.1	15.63	1.0	-0.40	4.8
10	3	151.6	4	19.8	-0.5	12.37	16.4	-1.93	14.4
10	4	153.4	4	29.5	0.0	9.83	24.9	-3.16	20.9
10	5	155.3	4	32.5	0.0	6.56	26.1	-5.80	26.1
10	6	157.1	4	29.5	0.0	3.78	20.9	-8.99	24.9
10	7	159.0	4	19.8	-0.5	2.30	14.4	-11.53	16.4
10	8	160.8	4	8.6	-9.1	0.65	4.8	-14.86	1.0
10	9	162.7	4	1.3	-29.1	0.02	0.2	-17.81	-18.7
10	10	164.5	4	0.0	-55.6	0.00	0.0	-19.58	-43.4
11	0	164.5	4	0.0	0.0	16.92	0.0	0.00	0.0
11	1	166.4	4	25.8	0.0	14.37	25.3	-0.24	5.9
11	2	168.2	4	42.2	0.0	11.15	39.8	-2.41	23.2
11	3	170.1	4	50.2	0.0	8.19	44.7	-4.66	32.9
11	4	171.9	4	50.5	0.0	6.19	42.0	-6.99	40.6
11	5	173.8	4	45.6	0.0	3.91	33.9	-10.28	39.9
11	6	175.6	4	34.2	0.0	2.17	23.1	-13.30	30.2
11	7	177.5	4	18.5	-2.8	1.28	12.9	-15.37	14.2
11	8	179.3	4	6.8	-20.0	0.21	2.5	-17.76	-5.6
11	9	181.2	4	1.0	-45.2	0.01	0.2	-19.67	-26.4
11	10	183.0	4	0.0	-74.4	0.00	0.0	-20.73	-50.5
12	0	183.0	4	0.0	0.0	16.92	0.0	0.00	0.0
12	1	184.9	4	25.8	0.0	14.37	25.3	-0.24	5.9
12	2	186.7	4	42.2	0.0	11.15	39.8	-2.41	23.2
12	3	188.6	4	50.2	0.0	8.19	44.7	-4.66	32.9
12	4	190.4	4	50.5	0.0	6.19	42.0	-6.99	40.6
12	5	192.3	4	45.6	0.0	3.91	33.9	-10.28	39.9
12	6	194.1	4	34.2	0.0	2.17	23.1	-13.30	30.2
12	7	196.0	4	18.5	-2.8	1.28	12.9	-15.37	14.2
12	8	197.8	4	6.8	-20.0	0.21	2.5	-17.76	-5.6
12	9	199.7	4	1.0	-45.2	0.01	0.2	-19.67	-26.4
12	10	201.5	4	0.0	-74.4	0.00	0.0	-20.73	-50.5
13	0	201.5	4	0.0	0.0	17.03	0.0	0.00	0.0
13	1	203.4	4	26.1	0.0	14.53	25.6	-0.22	6.0
13	2	205.2	4	43.0	0.0	11.35	40.6	-2.35	23.5
13	3	207.1	4	51.4	0.0	8.43	46.0	-4.56	33.5
13	4	208.9	4	52.2	0.0	6.43	43.7	-6.85	41.8
13	5	210.8	4	47.7	0.0	4.13	35.8	-10.08	41.8
13	6	212.6	4	36.9	0.0	2.32	24.7	-13.07	32.8
13	7	214.5	4	21.0	-1.7	1.39	14.0	-15.13	17.3
13	8	216.3	4	7.9	-16.7	0.23	2.7	-17.54	-2.4
13	9	218.2	4	1.1	-41.2	0.01	0.2	-19.50	-23.6
13	10	220.0	4	0.0	-70.0	0.00	0.0	-20.61	-48.3
14	0	220.0	4	0.0	0.0	16.19	0.0	0.00	0.0
14	1	221.9	4	26.1	0.0	14.53	25.6	-0.22	6.0
14	2	223.7	4	43.0	0.0	11.35	40.6	-2.35	23.5
14	3	225.6	4	51.4	0.0	8.43	46.0	-4.56	33.5
14	4	227.4	4	52.2	0.0	6.43	43.7	-6.85	41.8
14	5	229.3	4	47.7	0.0	4.13	35.8	-10.08	41.8
14	6	231.1	4	36.9	0.0	2.32	24.7	-13.07	32.8
14	7	233.0	4	21.0	-1.7	1.39	14.0	-15.13	17.3
14	8	234.8	4	7.9	-16.7	0.23	2.7	-17.54	-2.4
14	9	236.7	4	1.1	-41.2	0.01	0.2	-19.50	-23.6
14	10	238.5	4	0.0	-70.0	0.00	0.0	-20.61	-48.3
15	0	238.5	4	0.0	0.0	16.16	0.0	0.00	0.0
15	1	240.4	4	26.0	0.0	14.50	25.5	-0.22	6.0
15	2	242.2	4	42.8	0.0	11.31	40.4	-2.37	23.4
15	3	244.1	4	51.1	0.0	8.38	45.8	-4.59	33.4
15	4	245.9	4	51.9	0.0	6.39	43.4	-6.88	41.5
15	5	247.8	4	47.3	0.0	4.09	35.5	-10.12	41.4
15	6	249.6	4	36.4	0.0	2.30	24.5	-13.12	32.3
15	7	251.5	4	20.5	-1.9	1.38	13.9	-15.18	16.7
15	8	253.3	4	7.9	-17.4	0.24	2.8	-17.58	-3.0
15	9	255.2	4	1.2	-42.0	0.01	0.2	-19.52	-24.0
15	10	257.0	4	0.0	-70.8	0.00	0.0	-20.63	-48.5
16	0	257.0	4	0.0	0.0	15.21	0.0	0.00	0.0
16	1	258.9	4	25.3	0.0	14.37	25.3	-0.24	5.9
16	2	260.7	4	42.2	0.0	11.15	39.8	-2.41	23.2

16	3	262.6	4	49.9	0.0	8.19	44.7	-4.66	32.9
16	4	264.4	4	50.5	0.0	6.19	42.0	-6.99	40.6
16	5	266.3	4	45.6	0.0	3.91	32.2	-10.28	38.1
16	6	268.1	4	34.2	0.0	2.10	22.5	-12.58	27.2
16	7	270.0	4	18.5	-2.8	1.28	12.9	-14.71	11.4
16	8	271.8	4	6.9	-20.0	0.31	3.8	-17.21	-8.8
16	9	273.7	4	0.9	-45.2	0.03	0.5	-19.24	-30.6
16	10	275.5	4	0.0	-74.2	0.00	0.0	-20.73	-50.5
17	0	275.5	4	0.0	0.0	16.06	0.0	0.00	0.0
17	1	277.4	4	25.8	0.0	14.37	25.3	-0.24	5.9
17	2	279.2	4	42.2	0.0	11.15	39.8	-2.23	20.9
17	3	281.1	4	50.2	0.0	8.19	44.7	-4.55	32.1
17	4	282.9	4	50.5	0.0	6.19	42.0	-6.99	40.6
17	5	284.8	4	45.6	0.0	3.91	33.9	-10.28	39.9
17	6	286.6	4	34.2	0.0	2.17	23.1	-13.30	30.2
17	7	288.5	4	18.5	-2.8	1.29	11.5	-15.37	14.2
17	8	290.3	4	7.0	-20.0	0.21	2.5	-17.76	-5.6
17	9	292.2	4	1.0	-45.2	0.01	0.2	-19.67	-26.4
17	10	294.0	4	0.0	-74.4	0.00	0.0	-20.73	-50.5
18	0	294.0	4	0.0	-76.6	20.50	-56.5	0.00	0.0
18	1	295.9	4	1.0	-46.5	20.15	-26.7	-0.01	0.2
18	2	297.8	4	6.6	-20.5	18.46	-5.5	-0.13	2.6
18	3	299.7	4	19.0	-2.6	15.69	12.1	-0.72	11.4
18	4	301.6	4	35.6	0.0	13.02	28.5	-1.99	23.3
18	5	303.5	4	47.3	0.0	10.04	37.9	-3.26	30.9
18	6	305.4	4	52.1	0.0	7.64	37.8	-4.77	39.5
18	7	307.3	4	52.1	0.0	5.36	35.8	-7.16	42.8
18	8	309.2	4	43.9	0.0	2.96	24.9	-10.64	41.4
18	9	311.1	4	26.3	0.0	0.00	0.0	-13.75	26.3
18	10	313.0	4	0.0	0.0	0.00	0.0	-16.21	0.0
1	0	0.0	5	0.0	-10.7	13.64	-10.7	0.00	0.0
1	1	0.4	5	0.0	-5.2	13.64	-5.2	0.00	0.0
1	2	0.8	5	0.9	-1.7	13.64	-0.8	0.00	0.0
1	3	1.2	5	2.8	-0.2	10.23	2.6	0.00	0.0
1	4	1.6	5	5.0	0.0	6.82	4.4	0.00	0.6
1	5	2.0	5	6.4	0.0	3.46	3.2	-3.46	3.2
1	6	2.4	5	5.0	0.0	3.46	2.5	-3.46	4.4
1	7	2.8	5	2.8	-0.2	1.76	1.1	-6.82	2.6
1	8	3.2	5	1.1	-1.7	0.15	0.2	-10.23	-0.8
1	9	3.6	5	0.3	-5.2	0.00	0.0	-13.64	-5.2
1	10	4.0	5	0.0	-10.7	0.00	0.0	-13.64	-10.7
2	0	4.0	5	0.0	-71.6	29.40	-60.6	0.00	0.0
2	1	5.3	5	0.8	-42.4	28.42	-32.4	-0.01	0.3
2	2	6.5	5	5.2	-17.4	24.82	-9.5	-0.23	2.3
2	3	7.8	5	14.7	-1.7	21.96	10.5	-0.69	7.4
2	4	9.0	5	29.7	0.0	17.09	25.3	-2.43	18.3
2	5	10.3	5	39.5	0.0	13.53	31.8	-3.83	26.5
2	6	11.5	5	43.7	0.0	8.49	30.9	-6.78	33.9
2	7	12.8	5	44.0	0.0	6.00	26.1	-9.27	37.2
2	8	14.0	5	37.4	0.0	3.04	18.0	-13.69	34.2
2	9	15.3	5	22.6	0.0	0.50	2.9	-17.01	22.1
2	10	16.5	5	0.0	0.0	0.00	0.0	-20.56	0.0
3	0	16.5	5	0.0	-108.8	33.03	-82.5	0.00	0.0
3	1	18.4	5	1.8	-64.5	31.02	-43.0	-0.06	1.8
3	2	20.2	5	11.2	-26.7	27.98	-4.9	-0.38	6.5
3	3	22.1	5	31.6	-2.9	24.27	25.7	-1.48	19.6
3	4	23.9	5	55.9	0.0	21.25	49.6	-2.93	37.5
3	5	25.8	5	72.6	0.0	16.74	63.6	-5.52	54.5
3	6	27.6	5	79.6	0.0	11.80	64.0	-8.88	66.7
3	7	29.5	5	78.5	0.0	7.75	51.9	-11.80	70.3
3	8	31.3	5	65.9	0.0	3.37	26.2	-16.19	62.1
3	9	33.2	5	40.0	0.0	0.81	7.5	-21.11	39.4
3	10	35.0	5	0.0	0.0	0.00	0.0	-24.94	0.0
4	0	35.0	5	0.0	-108.8	33.03	-82.5	0.00	0.0
4	1	36.8	5	1.8	-64.5	31.02	-43.0	-0.06	1.8
4	2	38.7	5	11.2	-26.7	27.98	-4.9	-0.38	6.5
4	3	40.5	5	31.6	-2.9	24.27	25.7	-1.48	19.6
4	4	42.4	5	55.9	0.0	21.25	49.6	-2.93	37.5
4	5	44.2	5	72.6	0.0	16.74	63.6	-5.52	54.5
4	6	46.1	5	79.6	0.0	11.80	64.0	-8.88	66.7
4	7	47.9	5	78.5	0.0	7.75	51.9	-11.80	70.3
4	8	49.8	5	65.9	0.0	3.37	26.2	-16.19	62.0
4	9	51.6	5	40.0	0.0	0.81	7.5	-21.11	39.4
4	10	53.5	5	0.0	0.0	0.00	0.0	-24.94	0.0
5	0	53.5	5	0.0	-107.5	33.00	-82.0	0.00	0.0
5	1	55.3	5	1.7	-63.3	31.80	-40.5	-0.03	0.8
5	2	57.2	5	11.1	-25.7	27.44	-5.4	-0.38	6.4
5	3	59.0	5	32.3	-2.6	24.20	26.6	-1.30	17.0
5	4	60.9	5	56.7	0.0	21.17	50.4	-2.44	34.4
5	5	62.7	5	73.3	0.0	16.67	64.2	-5.56	55.0
5	6	64.6	5	80.2	0.0	11.75	64.4	-8.95	67.2
5	7	66.4	5	78.9	0.0	7.72	52.1	-11.88	70.7
5	8	68.3	5	66.1	0.0	3.35	26.3	-16.26	62.3

5	9	70.1	5	40.1	0.0	0.81	7.6	-21.16	39.5
5	10	72.0	5	0.0	0.0	0.00	0.0	-24.98	0.0
6	0	72.0	5	0.0	-114.3	33.22	-86.0	0.00	0.0
6	1	73.8	5	1.3	-69.4	32.06	-45.1	-0.03	0.7
6	2	75.7	5	9.6	-30.6	28.26	-9.0	-0.34	5.8
6	3	77.5	5	28.1	-4.2	24.57	21.9	-1.18	15.5
6	4	79.4	5	52.5	0.0	21.54	46.4	-2.26	32.0
6	5	81.2	5	70.0	0.0	17.00	61.3	-5.25	52.0
6	6	83.1	5	77.6	0.0	12.00	62.6	-8.59	64.5
6	7	84.9	5	77.1	0.0	7.91	51.0	-11.51	68.7
6	8	86.8	5	65.0	0.0	3.43	26.0	-15.92	61.1
6	9	88.6	5	39.6	0.0	0.83	7.5	-20.89	39.0
6	10	90.5	5	0.0	0.0	0.00	0.0	-24.77	0.0
7	0	90.5	5	0.0	-111.1	33.08	-83.5	0.00	0.0
7	1	92.3	5	1.6	-66.6	31.91	-42.5	-0.03	0.8
7	2	94.2	5	10.6	-28.5	27.61	-7.9	-0.37	6.3
7	3	96.0	5	30.1	-3.3	24.40	24.1	-1.26	16.6
7	4	97.9	5	54.4	0.0	21.38	48.1	-2.38	33.5
7	5	99.7	5	71.4	0.0	16.86	62.6	-5.42	53.5
7	6	101.6	5	78.7	0.0	11.88	63.5	-8.76	65.7
7	7	103.4	5	77.9	0.0	7.81	51.6	-11.67	69.6
7	8	105.3	5	65.5	0.0	3.39	26.2	-16.07	61.6
7	9	107.1	5	39.9	0.0	0.82	7.5	-21.02	39.3
7	10	109.0	5	0.0	0.0	0.00	0.0	-24.88	0.0
8	0	109.0	5	0.0	-114.3	33.22	-86.0	0.00	0.0
8	1	110.8	5	1.3	-69.4	32.06	-45.1	-0.03	0.7
8	2	112.7	5	9.6	-30.6	28.26	-9.0	-0.34	5.8
8	3	114.5	5	28.1	-4.2	24.57	21.9	-1.18	15.5
8	4	116.4	5	52.5	0.0	21.54	46.4	-2.26	32.0
8	5	118.2	5	70.0	0.0	17.00	61.3	-5.25	52.0
8	6	120.1	5	77.6	0.0	12.00	62.6	-8.59	64.5
8	7	121.9	5	77.1	0.0	7.91	51.0	-11.51	68.7
8	8	123.8	5	65.0	0.0	3.43	26.0	-15.92	61.1
8	9	125.6	5	39.6	0.0	0.83	7.5	-20.89	39.0
8	10	127.5	5	0.0	0.0	0.00	0.0	-24.77	0.0
9	0	127.5	5	0.0	-85.5	30.27	-67.8	0.00	0.0
9	1	129.4	5	2.0	-44.6	28.60	-29.7	-0.05	0.9
9	2	131.2	5	11.7	-14.0	24.03	1.5	-0.64	6.6
9	3	133.1	5	30.4	-0.8	19.00	25.1	-2.29	18.6
9	4	134.9	5	45.2	0.0	15.09	38.2	-4.76	32.2
9	5	136.8	5	49.9	0.0	10.07	40.1	-8.91	40.1
9	6	138.6	5	45.2	0.0	5.75	32.2	-13.81	38.2
9	7	140.5	5	30.4	-0.8	2.93	18.6	-17.70	25.1
9	8	142.3	5	11.7	-14.0	0.90	6.6	-22.82	1.5
9	9	144.2	5	2.0	-44.6	0.10	0.9	-27.53	-29.7
9	10	146.0	5	0.0	-85.5	0.00	0.0	-30.27	-67.8
10	0	146.0	5	0.0	-85.5	31.56	-63.6	0.00	0.0
10	1	147.9	5	2.0	-44.6	28.60	-29.7	-0.05	0.9
10	2	149.7	5	11.7	-14.0	24.03	1.5	-0.64	6.6
10	3	151.6	5	30.4	-0.8	19.00	25.1	-2.29	18.6
10	4	153.4	5	45.2	0.0	15.09	38.2	-4.76	32.2
10	5	155.3	5	49.9	0.0	10.07	40.1	-8.91	40.1
10	6	157.1	5	45.2	0.0	5.75	32.2	-13.81	38.2
10	7	159.0	5	30.4	-0.8	2.93	18.6	-17.70	25.1
10	8	160.8	5	11.7	-14.0	0.90	6.6	-22.82	1.5
10	9	162.7	5	2.0	-44.6	0.10	0.9	-27.53	-29.7
10	10	164.5	5	0.0	-85.5	0.00	0.0	-30.27	-67.8
11	0	164.5	5	0.0	0.0	26.40	0.0	0.00	0.0
11	1	166.4	5	39.6	0.0	22.23	39.0	-0.48	7.5
11	2	168.2	5	65.0	0.0	17.13	61.1	-2.75	26.0
11	3	170.1	5	77.1	0.0	12.58	68.7	-6.64	51.0
11	4	171.9	5	77.6	0.0	9.51	64.5	-10.69	62.6
11	5	173.8	5	70.0	0.0	6.01	52.0	-15.79	61.3
11	6	175.6	5	52.5	0.0	3.01	32.0	-20.43	46.4
11	7	177.5	5	28.1	-4.2	1.47	15.5	-23.61	21.9
11	8	179.3	5	9.6	-30.6	0.48	5.8	-27.28	-9.0
11	9	181.2	5	1.3	-69.4	0.05	0.7	-31.17	-45.1
11	10	183.0	5	0.0	-114.3	0.00	0.0	-33.22	-86.0
12	0	183.0	5	0.0	0.0	26.40	0.0	0.00	0.0
12	1	184.9	5	39.6	0.0	22.23	39.0	-0.48	7.5
12	2	186.7	5	65.0	0.0	17.13	61.1	-2.75	26.0
12	3	188.6	5	77.1	0.0	12.58	68.7	-6.64	51.0
12	4	190.4	5	77.6	0.0	9.51	64.5	-10.69	62.6
12	5	192.3	5	70.0	0.0	6.01	52.0	-15.79	61.3
12	6	194.1	5	52.5	0.0	3.01	32.0	-20.43	46.4
12	7	196.0	5	28.1	-4.2	1.47	15.5	-23.61	21.9
12	8	197.8	5	9.6	-30.6	0.48	5.8	-27.28	-9.0
12	9	199.7	5	1.3	-69.4	0.05	0.7	-31.17	-45.1
12	10	201.5	5	0.0	-114.3	0.00	0.0	-33.22	-86.0
13	0	201.5	5	0.0	0.0	26.61	0.0	0.00	0.0
13	1	203.4	5	40.1	0.0	22.49	39.5	-0.47	7.6
13	2	205.2	5	66.1	0.0	17.45	62.3	-2.69	26.3

13	3	207.1	5	78.9	0.0	12.94	70.7	-6.46	52.1
13	4	208.9	5	80.2	0.0	9.88	67.2	-10.46	64.4
13	5	210.8	5	73.3	0.0	6.34	55.0	-15.48	64.2
13	6	212.6	5	56.7	0.0	3.23	34.4	-20.08	50.4
13	7	214.5	5	32.3	-2.6	1.61	17.0	-23.24	26.6
13	8	216.3	5	11.1	-25.7	0.53	6.4	-26.94	-4.1
13	9	218.2	5	1.7	-63.3	0.06	0.8	-30.89	-40.5
13	10	220.0	5	0.0	-107.5	0.00	0.0	-33.00	-82.0
14	0	220.0	5	0.0	0.0	26.61	0.0	0.00	0.0
14	1	221.9	5	40.1	0.0	22.49	39.5	-0.47	7.6
14	2	223.7	5	66.1	0.0	17.45	62.3	-2.69	26.3
14	3	225.6	5	78.9	0.0	12.94	70.7	-6.46	52.1
14	4	227.4	5	80.2	0.0	9.88	67.2	-10.46	64.4
14	5	229.3	5	73.3	0.0	6.34	55.0	-15.48	64.2
14	6	231.1	5	56.7	0.0	3.23	34.4	-20.08	50.4
14	7	233.0	5	32.3	-2.6	1.61	17.0	-23.24	26.6
14	8	234.8	5	11.1	-25.7	0.53	6.4	-26.94	-4.1
14	9	236.7	5	1.7	-63.3	0.06	0.8	-30.89	-40.5
14	10	238.5	5	0.0	-107.5	0.00	0.0	-33.00	-82.0
15	0	238.5	5	0.0	0.0	26.57	0.0	0.00	0.0
15	1	240.4	5	40.0	0.0	22.44	39.4	-0.47	7.5
15	2	242.2	5	65.9	0.0	17.38	62.0	-2.70	26.2
15	3	244.1	5	78.5	0.0	12.87	70.3	-6.48	51.9
15	4	245.9	5	79.6	0.0	9.81	66.7	-10.51	64.0
15	5	247.8	5	72.6	0.0	6.29	54.5	-15.55	63.6
15	6	249.6	5	55.9	0.0	3.20	34.1	-20.15	49.6
15	7	251.5	5	31.6	-2.9	1.59	16.9	-23.31	25.7
15	8	253.3	5	11.0	-26.7	0.54	6.5	-27.00	-4.9
15	9	255.2	5	1.7	-64.5	0.06	0.8	-30.92	-41.1
15	10	257.0	5	0.0	-108.8	0.00	0.0	-33.03	-82.5
16	0	257.0	5	0.0	0.0	24.77	0.0	0.00	0.0
16	1	258.9	5	39.6	0.0	22.23	39.0	-0.48	7.5
16	2	260.7	5	65.0	0.0	17.13	61.1	-2.75	26.0
16	3	262.6	5	77.1	0.0	12.58	68.7	-6.64	51.0
16	4	264.4	5	77.6	0.0	9.51	64.5	-10.69	62.6
16	5	266.3	5	70.0	0.0	6.01	52.0	-15.79	61.3
16	6	268.1	5	52.5	0.0	3.01	32.0	-20.43	46.4
16	7	270.0	5	28.1	-4.2	1.47	15.5	-23.61	21.9
16	8	271.8	5	9.6	-30.6	0.48	5.8	-27.28	-9.0
16	9	273.7	5	1.3	-69.4	0.05	0.7	-31.17	-45.1
16	10	275.5	5	0.0	-114.3	0.00	0.0	-33.22	-86.0
17	0	275.5	5	0.0	0.0	24.77	0.0	0.00	0.0
17	1	277.4	5	39.6	0.0	22.23	39.0	-0.48	7.5
17	2	279.2	5	65.0	0.0	17.13	61.1	-2.75	26.0
17	3	281.1	5	77.1	0.0	12.58	68.7	-6.64	51.0
17	4	282.9	5	77.6	0.0	9.51	64.5	-10.69	62.6
17	5	284.8	5	70.0	0.0	6.01	52.0	-15.79	61.3
17	6	286.6	5	52.5	0.0	3.32	35.3	-20.43	46.4
17	7	288.5	5	28.0	-4.2	1.84	16.7	-23.61	21.9
17	8	290.3	5	9.7	-30.6	0.32	3.8	-27.28	-9.0
17	9	292.2	5	1.6	-69.4	0.02	0.3	-31.17	-45.1
17	10	294.0	5	0.0	-114.3	0.00	0.0	-33.22	-86.0
18	0	294.0	5	0.0	-119.3	33.35	-98.3	0.00	0.0
18	1	295.9	5	1.4	-71.5	32.54	-47.1	-0.03	0.7
18	2	297.8	5	9.9	-31.6	29.34	-10.4	-0.32	6.0
18	3	299.7	5	29.2	-4.0	25.04	23.0	-0.85	14.5
18	4	301.6	5	54.7	0.0	20.00	43.8	-3.13	36.9
18	5	303.5	5	72.6	0.0	15.41	58.2	-5.72	54.4
18	6	305.4	5	79.9	0.0	11.73	58.1	-8.18	67.4
18	7	307.3	5	80.0	0.0	7.27	49.2	-11.48	67.0
18	8	309.2	5	67.6	0.0	4.24	46.2	-16.35	63.6
18	9	311.1	5	40.9	0.0	0.00	0.0	-21.26	40.7
18	10	313.0	5	0.0	0.0	0.00	0.0	-26.45	0.0
1	0	0.0	6	0.0	-10.7	13.64	-10.7	0.00	0.0
1	1	0.4	6	0.0	-5.2	13.64	-5.2	0.00	0.0
1	2	0.8	6	0.9	-1.7	13.64	-0.8	0.00	0.0
1	3	1.2	6	2.8	-0.2	10.23	2.6	0.00	0.0
1	4	1.6	6	5.0	0.0	6.82	4.4	0.00	0.7
1	5	2.0	6	6.4	0.0	3.54	3.3	-3.54	3.3
1	6	2.4	6	5.0	0.0	3.54	2.6	-3.54	4.4
1	7	2.8	6	2.8	-0.2	1.80	1.1	-6.82	2.6
1	8	3.2	6	1.1	-1.7	0.15	0.2	-10.23	-0.8
1	9	3.6	6	0.3	-5.2	0.00	0.0	-13.64	-5.2
1	10	4.0	6	0.0	-10.7	0.00	0.0	-13.64	-10.7
2	0	4.0	6	0.0	-71.7	31.49	-69.2	0.00	0.0
2	1	5.3	6	0.9	-42.4	29.67	-35.2	-0.01	0.3
2	2	6.5	6	5.3	-17.4	24.82	-9.5	-0.24	2.4
2	3	7.8	6	14.8	-1.7	21.96	10.5	-0.70	7.6
2	4	9.0	6	29.7	0.0	17.09	25.3	-2.45	18.4
2	5	10.3	6	39.6	0.0	13.53	31.8	-3.83	26.5
2	6	11.5	6	43.7	0.0	8.49	30.9	-6.78	33.9
2	7	12.8	6	44.0	0.0	6.14	26.7	-9.27	37.2
2	8	14.0	6	37.5	0.0	3.11	18.4	-13.69	34.2

2	9	15.3	6	22.9	0.0	0.63	2.9	-17.05	22.2
2	10	16.5	6	0.0	0.0	0.00	0.0	-20.80	0.0
3	0	16.5	6	0.0	-137.4	40.95	-123.9	0.00	0.0
3	1	18.4	6	1.8	-76.7	37.96	-68.5	-0.07	1.8
3	2	20.2	6	11.3	-27.8	33.25	-15.5	-0.39	6.7
3	3	22.1	6	32.0	-2.9	27.04	24.5	-1.49	19.7
3	4	23.9	6	60.1	0.0	22.08	50.2	-2.93	37.5
3	5	25.8	6	80.3	0.0	16.74	63.6	-5.52	54.5
3	6	27.6	6	89.2	0.0	11.83	63.7	-8.92	66.9
3	7	29.5	6	86.2	0.0	7.98	50.0	-12.03	72.3
3	8	31.3	6	72.9	0.0	4.13	33.1	-17.19	66.2
3	9	33.2	6	44.8	0.0	0.83	7.7	-23.25	43.5
3	10	35.0	6	0.0	0.0	0.00	0.0	-28.27	0.0
4	0	35.0	6	0.0	-137.4	40.95	-123.9	0.00	0.0
4	1	36.8	6	1.8	-76.7	37.96	-68.5	-0.07	1.8
4	2	38.7	6	11.3	-27.8	33.25	-15.5	-0.39	6.7
4	3	40.5	6	32.0	-2.9	27.04	24.5	-1.49	19.7
4	4	42.4	6	60.1	0.0	22.08	50.2	-2.93	37.5
4	5	44.2	6	80.3	0.0	16.74	63.6	-5.52	54.5
4	6	46.1	6	89.2	0.0	11.83	63.7	-8.92	66.9
4	7	47.9	6	86.2	0.0	7.98	50.0	-12.03	72.3
4	8	49.8	6	72.9	0.0	4.13	33.1	-17.19	66.2
4	9	51.6	6	44.8	0.0	0.83	7.7	-23.25	43.5
4	10	53.5	6	0.0	0.0	0.00	0.0	-28.27	0.0
5	0	53.5	6	0.0	-136.0	40.89	-122.8	0.00	0.0
5	1	55.3	6	1.8	-75.3	38.55	-64.0	-0.03	0.8
5	2	57.2	6	11.4	-26.7	32.46	-15.4	-0.46	7.2
5	3	59.0	6	32.9	-2.6	26.95	25.6	-1.50	19.8
5	4	60.9	6	61.0	0.0	22.00	51.1	-2.95	37.8
5	5	62.7	6	81.1	0.0	16.67	64.2	-5.56	55.0
5	6	64.6	6	89.8	0.0	11.78	64.1	-8.98	67.4
5	7	66.4	6	86.7	0.0	7.94	50.2	-12.10	72.7
5	8	68.3	6	73.2	0.0	4.10	33.2	-17.26	66.5
5	9	70.1	6	45.0	0.0	0.83	7.7	-23.33	43.7
5	10	72.0	6	0.0	0.0	0.00	0.0	-28.35	0.0
6	0	72.0	6	0.0	-144.2	41.25	-129.6	0.00	0.0
6	1	73.8	6	1.6	-82.7	38.95	-70.8	-0.03	0.7
6	2	75.7	6	9.9	-32.1	33.62	-20.9	-0.35	5.9
6	3	77.5	6	28.1	-4.2	27.38	20.0	-1.37	18.1
6	4	79.4	6	56.1	0.0	22.39	47.0	-2.75	35.3
6	5	81.2	6	77.0	0.0	16.99	61.3	-5.25	52.0
6	6	83.1	6	86.6	0.0	12.02	62.3	-8.62	64.7
6	7	84.9	6	84.2	0.0	8.11	49.3	-11.71	70.5
6	8	86.8	6	71.6	0.0	4.20	32.9	-16.83	64.9
6	9	88.6	6	44.2	0.0	0.85	7.7	-22.90	42.9
6	10	90.5	6	0.0	0.0	0.00	0.0	-27.96	0.0
7	0	90.5	6	0.0	-139.9	41.06	-126.0	0.00	0.0
7	1	92.3	6	1.6	-79.0	38.74	-67.1	-0.03	0.8
7	2	94.2	6	10.9	-29.6	32.68	-18.6	-0.37	6.4
7	3	96.0	6	30.3	-3.3	27.18	22.7	-1.46	19.3
7	4	97.9	6	58.6	0.0	22.21	48.8	-2.87	36.8
7	5	99.7	6	79.0	0.0	16.86	62.6	-5.42	53.5
7	6	101.6	6	88.3	0.0	11.91	63.2	-8.79	66.0
7	7	103.4	6	85.5	0.0	8.02	49.8	-11.89	71.5
7	8	105.3	6	72.4	0.0	4.15	33.0	-17.04	65.7
7	9	107.1	6	44.6	0.0	0.84	7.7	-23.13	43.3
7	10	109.0	6	0.0	0.0	0.00	0.0	-28.16	0.0
8	0	109.0	6	0.0	-144.2	41.25	-129.6	0.00	0.0
8	1	110.8	6	1.4	-82.7	38.95	-70.8	-0.03	0.7
8	2	112.7	6	9.9	-32.1	33.62	-20.9	-0.35	5.9
8	3	114.5	6	28.1	-4.2	27.38	20.0	-1.37	18.1
8	4	116.4	6	56.1	0.0	22.39	47.0	-2.75	35.3
8	5	118.2	6	77.0	0.0	16.99	61.3	-5.25	52.0
8	6	120.1	6	86.6	0.0	12.02	62.3	-8.62	64.7
8	7	121.9	6	84.2	0.0	8.11	49.3	-11.71	70.5
8	8	123.8	6	71.6	0.0	4.20	32.9	-16.83	64.9
8	9	125.6	6	44.2	0.0	0.85	7.7	-22.90	42.9
8	10	127.5	6	0.0	0.0	0.00	0.0	-27.96	0.0
9	0	127.5	6	0.0	-101.0	35.69	-95.2	0.00	0.0
9	1	129.4	6	2.1	-49.5	32.65	-42.6	-0.05	0.9
9	2	131.2	6	11.8	-14.3	26.17	-2.4	-0.66	6.7
9	3	133.1	6	30.6	-0.8	19.66	24.8	-2.72	20.3
9	4	134.9	6	46.8	0.0	15.19	38.3	-4.86	32.1
9	5	136.8	6	53.0	0.0	10.07	40.1	-8.91	40.1
9	6	138.6	6	46.8	0.0	5.80	32.1	-13.86	38.3
9	7	140.5	6	30.6	-0.8	3.31	20.3	-18.09	24.8
9	8	142.3	6	11.8	-14.3	0.93	6.7	-24.50	-2.4
9	9	144.2	6	2.1	-49.5	0.10	0.9	-31.09	-42.6
9	10	146.0	6	0.0	-101.0	0.00	0.0	-35.69	-95.2
10	0	146.0	6	0.0	-101.0	35.69	-95.2	0.00	0.0
10	1	147.9	6	2.1	-49.5	32.65	-42.6	-0.05	0.9
10	2	149.7	6	11.8	-14.3	26.17	-2.4	-0.66	6.7

10	3	151.6	6	30.6	-0.8	19.66	24.8	-2.72	20.3
10	4	153.4	6	46.8	0.0	15.19	38.3	-4.86	32.1
10	5	155.3	6	53.0	0.0	10.07	40.1	-8.91	40.1
10	6	157.1	6	46.8	0.0	5.80	32.1	-13.86	38.3
10	7	159.0	6	30.6	-0.8	3.31	20.3	-18.09	24.8
10	8	160.8	6	11.8	-14.3	0.93	6.7	-24.50	-2.4
10	9	162.7	6	2.1	-49.5	0.10	0.9	-31.09	-42.6
10	10	164.5	6	0.0	-101.0	0.00	0.0	-35.69	-95.2
11	0	164.5	6	0.0	0.0	27.96	0.0	0.00	0.0
11	1	166.4	6	44.2	0.0	24.57	42.9	-0.49	7.7
11	2	168.2	6	71.6	0.0	18.30	64.9	-3.48	32.9
11	3	170.1	6	84.2	0.0	12.92	70.5	-6.98	49.3
11	4	171.9	6	86.6	0.0	9.56	64.7	-10.74	62.3
11	5	173.8	6	77.0	0.0	6.01	52.0	-15.79	61.3
11	6	175.6	6	56.1	0.0	3.32	35.3	-20.93	47.0
11	7	177.5	6	28.1	-4.2	1.84	18.1	-25.73	20.0
11	8	179.3	6	9.9	-32.1	0.49	5.9	-32.17	-20.9
11	9	181.2	6	1.4	-82.7	0.05	0.7	-37.75	-70.8
11	10	183.0	6	0.0	-144.2	0.00	0.0	-41.25	-129.6
12	0	183.0	6	0.0	0.0	27.96	0.0	0.00	0.0
12	1	184.9	6	44.2	0.0	24.57	42.9	-0.49	7.7
12	2	186.7	6	71.6	0.0	18.30	64.9	-3.48	32.9
12	3	188.6	6	84.2	0.0	12.92	70.5	-6.98	49.3
12	4	190.4	6	86.6	0.0	9.56	64.7	-10.74	62.3
12	5	192.3	6	77.0	0.0	6.01	52.0	-15.79	61.3
12	6	194.1	6	56.1	0.0	3.32	35.3	-20.93	47.0
12	7	196.0	6	28.1	-4.2	1.84	18.1	-25.73	20.0
12	8	197.8	6	9.9	-32.1	0.49	5.9	-32.17	-20.9
12	9	199.7	6	1.4	-82.7	0.05	0.7	-37.75	-70.8
12	10	201.5	6	0.0	-144.2	0.00	0.0	-41.25	-129.6
13	0	201.5	6	0.0	0.0	28.35	0.0	0.00	0.0
13	1	203.4	6	45.0	0.0	24.99	43.7	-0.48	7.7
13	2	205.2	6	73.2	0.0	18.73	66.5	-3.40	33.2
13	3	207.1	6	86.7	0.0	13.33	72.7	-6.83	50.2
13	4	208.9	6	89.8	0.0	9.94	67.4	-10.52	64.1
13	5	210.8	6	81.1	0.0	6.34	55.0	-15.48	64.2
13	6	212.6	6	61.0	0.0	3.55	37.8	-20.56	51.1
13	7	214.5	6	32.9	-2.6	1.99	19.8	-25.31	25.6
13	8	216.3	6	11.4	-26.7	0.55	6.6	-31.72	-15.4
13	9	218.2	6	1.7	-75.3	0.06	0.8	-37.33	-64.0
13	10	220.0	6	0.0	-136.0	0.00	0.0	-40.89	-122.8
14	0	220.0	6	0.0	0.0	28.35	0.0	0.00	0.0
14	1	221.9	6	45.0	0.0	24.99	43.7	-0.48	7.7
14	2	223.7	6	73.2	0.0	18.73	66.5	-3.40	33.2
14	3	225.6	6	86.7	0.0	13.33	72.7	-6.83	50.2
14	4	227.4	6	89.8	0.0	9.94	67.4	-10.52	64.1
14	5	229.3	6	81.1	0.0	6.34	55.0	-15.48	64.2
14	6	231.1	6	61.0	0.0	3.55	37.8	-20.56	51.1
14	7	233.0	6	32.9	-2.6	1.99	19.8	-25.31	25.6
14	8	234.8	6	11.4	-26.7	0.55	6.6	-31.72	-15.4
14	9	236.7	6	1.7	-75.3	0.06	0.8	-37.33	-64.0
14	10	238.5	6	0.0	-136.0	0.00	0.0	-40.89	-122.8
15	0	238.5	6	0.0	0.0	28.27	0.0	0.00	0.0
15	1	240.4	6	44.8	0.0	24.91	43.5	-0.49	7.7
15	2	242.2	6	72.9	0.0	18.66	66.2	-3.42	33.1
15	3	244.1	6	86.2	0.0	13.26	72.3	-6.87	50.0
15	4	245.9	6	89.2	0.0	9.87	66.9	-10.57	63.7
15	5	247.8	6	80.3	0.0	6.29	54.5	-15.55	63.6
15	6	249.6	6	60.1	0.0	3.53	37.5	-20.63	50.2
15	7	251.5	6	32.0	-2.9	1.98	18.2	-25.39	24.5
15	8	253.3	6	11.2	-27.8	0.37	4.4	-31.80	-15.5
15	9	255.2	6	1.8	-76.7	0.02	0.3	-37.40	-65.1
15	10	257.0	6	0.0	-137.4	0.00	0.0	-40.95	-123.9
16	0	257.0	6	0.0	0.0	27.96	0.0	0.00	0.0
16	1	258.9	6	44.2	0.0	24.57	42.9	-0.49	7.7
16	2	260.7	6	71.6	0.0	18.30	64.9	-3.48	32.9
16	3	262.6	6	84.2	0.0	12.92	70.5	-6.98	49.3
16	4	264.4	6	86.6	0.0	9.56	64.7	-10.74	62.3
16	5	266.3	6	77.0	0.0	6.01	52.0	-15.79	61.4
16	6	268.1	6	56.1	0.0	3.32	35.3	-20.93	47.0
16	7	270.0	6	28.1	-4.2	1.84	18.1	-25.73	20.0
16	8	271.8	6	9.9	-32.1	0.49	5.9	-32.17	-20.9
16	9	273.7	6	1.4	-82.7	0.05	0.7	-37.75	-70.8
16	10	275.5	6	0.0	-144.2	0.00	0.0	-41.25	-129.6
17	0	275.5	6	0.0	0.0	27.96	0.0	0.00	0.0
17	1	277.4	6	44.2	0.0	24.57	42.9	-0.49	7.7
17	2	279.2	6	71.6	0.0	18.30	64.9	-3.48	32.9
17	3	281.1	6	84.2	0.0	12.92	70.5	-6.59	50.0
17	4	282.9	6	86.6	0.0	9.56	64.7	-10.47	63.8
17	5	284.8	6	76.8	0.0	6.01	52.0	-15.76	61.5
17	6	286.6	6	56.1	0.0	3.32	35.3	-20.93	47.0
17	7	288.5	6	28.1	-4.2	1.84	16.8	-25.73	20.0
17	8	290.3	6	9.8	-32.0	0.33	3.9	-32.17	-20.9

17	9	292.2	6	1.6	-82.4	0.02	0.3	-37.75	-70.8
17	10	294.0	6	0.0	-144.2	0.00	0.0	-40.16	-135.0
18	0	294.0	6	0.0	-150.0	41.73	-133.5	0.00	0.0
18	1	295.9	6	1.4	-86.4	39.53	-73.2	-0.03	0.8
18	2	297.8	6	10.2	-35.4	34.42	-21.7	-0.33	6.2
18	3	299.7	6	29.4	-4.0	28.45	21.1	-1.10	16.9
18	4	301.6	6	58.8	0.0	22.44	50.3	-2.79	32.8
18	5	303.5	6	80.8	0.0	16.60	64.0	-5.00	47.5
18	6	305.4	6	90.9	0.0	12.97	65.6	-7.34	60.7
18	7	307.3	6	89.9	0.0	8.24	54.9	-11.20	67.2
18	8	309.2	6	74.9	0.0	5.03	43.8	-17.45	68.1
18	9	311.1	6	46.3	0.0	0.00	0.0	-23.48	44.9
18	10	313.0	6	0.0	0.0	0.00	0.0	-29.01	0.0
1	0	0.0	7	0.0	-8.4	13.26	-8.0	0.00	0.0
1	1	0.4	7	0.0	-4.3	13.26	-3.7	0.00	0.0
1	2	0.8	7	1.0	-1.5	11.35	-0.4	0.00	0.0
1	3	1.2	7	2.4	-0.2	8.62	2.0	0.00	0.0
1	4	1.6	7	3.8	0.0	5.59	3.4	0.00	0.7
1	5	2.0	7	4.4	0.0	3.08	3.6	-3.61	3.3
1	6	2.4	7	3.8	0.0	3.08	2.1	-3.61	3.3
1	7	2.8	7	2.3	-0.2	1.31	0.8	-5.73	2.0
1	8	3.2	7	0.9	-1.5	0.07	0.1	-8.62	-0.4
1	9	3.6	7	0.1	-4.3	0.00	0.0	-11.35	-3.7
1	10	4.0	7	0.0	-8.2	0.00	0.0	-13.26	-8.0
2	0	4.0	7	0.0	-42.1	17.45	-17.4	0.00	0.0
2	1	5.3	7	0.7	-25.9	16.92	-9.7	-0.00	0.2
2	2	6.5	7	5.3	-11.7	15.60	0.3	-0.19	1.9
2	3	7.8	7	13.9	-1.7	14.42	10.8	-0.85	9.4
2	4	9.0	7	22.7	0.0	12.25	20.0	-2.27	17.0
2	5	10.3	7	29.4	0.0	10.58	26.2	-3.48	23.4
2	6	11.5	7	32.9	0.0	7.82	28.4	-5.51	27.6
2	7	12.8	7	32.2	0.0	5.85	25.1	-7.18	28.8
2	8	14.0	7	26.6	0.0	2.75	16.2	-10.13	25.3
2	9	15.3	7	16.0	0.0	0.47	2.1	-12.12	15.6
2	10	16.5	7	0.0	0.0	0.00	0.0	-15.01	0.0
3	0	16.5	7	0.0	-59.8	19.24	-29.4	0.00	0.0
3	1	18.4	7	1.8	-36.0	17.76	-11.0	-0.04	1.2
3	2	20.2	7	11.2	-15.6	16.02	6.3	-0.31	5.3
3	3	22.1	7	24.6	-2.0	14.50	21.3	-1.46	19.2
3	4	23.9	7	37.6	0.0	13.11	34.6	-2.52	31.4
3	5	25.8	7	47.5	0.0	10.98	44.1	-4.26	41.1
3	6	27.6	7	52.1	0.0	8.57	47.4	-6.23	46.7
3	7	29.5	7	50.7	0.0	6.64	43.5	-7.96	46.9
3	8	31.3	7	41.8	0.0	3.79	29.9	-10.47	39.9
3	9	33.2	7	25.0	0.0	1.07	9.8	-13.18	24.6
3	10	35.0	7	0.0	0.0	0.00	0.0	-16.19	0.0
4	0	35.0	7	0.0	-59.8	19.24	-29.4	0.00	0.0
4	1	36.8	7	1.3	-35.9	17.76	-11.0	-0.04	1.2
4	2	38.7	7	11.2	-15.6	15.68	2.6	-0.19	3.3
4	3	40.5	7	24.3	-2.0	14.05	18.2	-1.46	19.2
4	4	42.4	7	37.0	0.0	12.61	31.5	-2.52	31.4
4	5	44.2	7	47.3	0.0	10.40	42.4	-4.26	39.4
4	6	46.1	7	52.1	0.0	8.57	47.4	-5.80	43.4
4	7	47.9	7	50.2	0.0	6.64	43.5	-7.48	44.2
4	8	49.8	7	41.8	0.0	3.79	29.9	-9.95	38.0
4	9	51.6	7	25.0	0.0	1.07	9.8	-13.18	24.6
4	10	53.5	7	0.0	0.0	0.00	0.0	-16.19	0.0
5	0	53.5	7	0.0	-59.1	19.23	-29.3	0.00	0.0
5	1	55.3	7	1.3	-35.2	17.76	-11.0	-0.01	0.1
5	2	57.2	7	11.3	-15.0	15.66	3.0	-0.28	4.2
5	3	59.0	7	24.6	-1.8	14.02	18.7	-1.47	19.3
5	4	60.9	7	37.4	0.0	12.57	32.0	-2.55	31.7
5	5	62.7	7	47.7	0.0	10.36	42.8	-4.30	39.7
5	6	64.6	7	52.4	0.0	8.53	47.6	-5.84	43.7
5	7	66.4	7	50.4	0.0	6.61	43.6	-7.52	44.5
5	8	68.3	7	41.9	0.0	3.77	29.9	-9.99	38.1
5	9	70.1	7	25.1	0.0	1.07	9.8	-13.20	24.6
5	10	72.0	7	0.0	0.0	0.00	0.0	-16.20	0.0
6	0	72.0	7	0.0	-62.8	19.29	-30.3	0.00	0.0
6	1	73.8	7	1.1	-38.7	17.85	-12.6	-0.01	0.1
6	2	75.7	7	9.9	-17.8	15.81	0.6	-0.16	2.9
6	3	77.5	7	22.5	-2.8	14.22	16.1	-1.35	17.7
6	4	79.4	7	35.3	0.0	12.77	29.7	-2.37	29.7
6	5	81.2	7	45.8	0.0	10.55	40.9	-4.09	37.9
6	6	83.1	7	51.0	0.0	8.70	46.4	-5.63	42.2
6	7	84.9	7	49.5	0.0	6.75	42.9	-7.33	43.4
6	8	86.8	7	41.4	0.0	3.86	29.6	-9.83	37.5
6	9	88.6	7	24.9	0.0	1.09	9.7	-13.09	24.4
6	10	90.5	7	0.0	0.0	0.00	0.0	-16.13	0.0
7	0	90.5	7	0.0	-61.2	19.25	-29.7	0.00	0.0
7	1	92.3	7	1.2	-37.4	17.79	-11.5	-0.01	0.1
7	2	94.2	7	10.9	-16.6	15.71	2.1	-0.27	4.1

7	3	96.0	7	23.8	-2.2	14.12	17.3	-1.43	18.8
7	4	97.9	7	36.3	0.0	12.69	30.6	-2.48	30.9
7	5	99.7	7	46.5	0.0	10.48	41.7	-4.18	38.7
7	6	101.6	7	51.6	0.0	8.62	46.9	-5.71	42.8
7	7	103.4	7	50.0	0.0	6.68	43.3	-7.41	43.9
7	8	105.3	7	41.7	0.0	3.81	29.8	-9.90	37.8
7	9	107.1	7	25.0	0.0	1.08	9.8	-13.15	24.5
7	10	109.0	7	0.0	0.0	0.00	0.0	-16.18	0.0
8	0	109.0	7	0.0	-62.8	19.29	-30.3	0.00	0.0
8	1	110.8	7	1.1	-38.7	17.85	-12.6	-0.01	0.1
8	2	112.7	7	9.9	-17.8	15.81	0.6	-0.16	2.9
8	3	114.5	7	22.5	-2.8	14.22	16.1	-1.35	17.7
8	4	116.4	7	35.3	0.0	12.77	29.7	-2.37	29.7
8	5	118.2	7	45.8	0.0	10.55	40.9	-4.09	37.9
8	6	120.1	7	51.0	0.0	8.70	46.4	-5.63	42.2
8	7	121.9	7	49.5	0.0	6.75	42.9	-7.33	43.4
8	8	123.8	7	41.4	0.0	3.86	29.6	-9.83	37.5
8	9	125.6	7	24.9	0.0	1.09	9.7	-13.09	24.4
8	10	127.5	7	0.0	0.0	0.00	0.0	-16.13	0.0
9	0	127.5	7	0.0	-48.0	17.89	-21.7	0.00	0.0
9	1	129.4	7	1.7	-25.8	16.70	-7.8	-0.01	0.2
9	2	131.2	7	11.7	-8.7	14.29	4.5	-0.61	7.0
9	3	133.1	7	23.4	-0.7	11.76	17.5	-2.49	18.6
9	4	134.9	7	32.1	0.0	9.67	25.6	-4.17	27.2
9	5	136.8	7	35.6	0.0	6.82	29.4	-6.82	29.4
9	6	138.6	7	32.1	0.0	4.81	27.2	-8.95	25.6
9	7	140.5	7	23.4	-0.7	3.00	18.6	-11.08	17.5
9	8	142.3	7	11.7	-8.7	1.08	7.0	-13.71	4.5
9	9	144.2	7	1.7	-25.8	0.02	0.2	-16.27	-7.8
9	10	146.0	7	0.0	-48.0	0.00	0.0	-17.89	-21.7
10	0	146.0	7	0.0	-48.0	17.89	-21.7	0.00	0.0
10	1	147.9	7	1.7	-25.8	16.70	-7.8	-0.01	0.2
10	2	149.7	7	11.7	-8.7	14.29	4.5	-0.61	7.0
10	3	151.6	7	23.4	-0.7	11.76	17.5	-2.49	18.6
10	4	153.4	7	32.1	0.0	9.67	25.6	-4.17	27.2
10	5	155.3	7	35.6	0.0	6.82	29.4	-6.82	29.4
10	6	157.1	7	32.1	0.0	4.81	27.2	-8.95	25.6
10	7	159.0	7	23.4	-0.7	3.00	18.6	-11.08	17.5
10	8	160.8	7	11.7	-8.7	1.08	7.0	-13.71	4.5
10	9	162.7	7	1.7	-25.8	0.02	0.2	-16.27	-7.8
10	10	164.5	7	0.0	-48.0	0.00	0.0	-17.89	-21.7
11	0	164.5	7	0.0	0.0	16.13	0.0	0.00	0.0
11	1	166.4	7	24.9	0.0	13.83	24.4	-0.58	9.7
11	2	168.2	7	41.4	0.0	10.49	37.5	-3.15	29.6
11	3	170.1	7	49.5	0.0	7.94	43.4	-6.06	42.9
11	4	171.9	7	51.0	0.0	6.18	42.2	-8.07	46.4
11	5	173.8	7	45.8	0.0	4.09	37.9	-10.55	40.9
11	6	175.6	7	35.3	0.0	2.78	29.7	-12.24	29.7
11	7	177.5	7	22.5	-2.8	1.67	17.7	-13.77	16.1
11	8	179.3	7	9.9	-17.8	0.25	2.9	-15.47	0.6
11	9	181.2	7	1.1	-38.7	0.01	0.1	-17.34	-12.6
11	10	183.0	7	0.0	-62.8	0.00	0.0	-19.29	-30.3
12	0	183.0	7	0.0	0.0	16.13	0.0	0.00	0.0
12	1	184.9	7	24.9	0.0	13.83	24.4	-0.58	9.7
12	2	186.7	7	41.4	0.0	10.49	37.5	-3.15	29.6
12	3	188.6	7	49.5	0.0	7.94	43.4	-6.06	42.9
12	4	190.4	7	51.0	0.0	6.18	42.2	-8.07	46.4
12	5	192.3	7	45.8	0.0	4.09	37.9	-10.55	40.9
12	6	194.1	7	35.3	0.0	2.78	29.7	-12.24	29.7
12	7	196.0	7	22.5	-2.8	1.67	17.7	-13.77	16.1
12	8	197.8	7	9.9	-17.8	0.25	2.9	-15.47	0.6
12	9	199.7	7	1.1	-38.7	0.01	0.1	-17.34	-12.6
12	10	201.5	7	0.0	-62.8	0.00	0.0	-19.29	-30.3
13	0	201.5	7	0.0	0.0	16.20	0.0	0.00	0.0
13	1	203.4	7	25.1	0.0	13.93	24.6	-0.57	9.8
13	2	205.2	7	41.9	0.0	10.64	38.1	-3.08	29.9
13	3	207.1	7	50.4	0.0	8.13	44.5	-5.94	43.6
13	4	208.9	7	52.4	0.0	6.38	43.7	-7.90	47.6
13	5	210.8	7	47.7	0.0	4.30	39.7	-10.36	42.8
13	6	212.6	7	37.4	0.0	2.96	31.7	-12.03	32.0
13	7	214.5	7	24.6	-1.8	1.81	19.3	-13.56	18.7
13	8	216.3	7	11.3	-15.0	0.28	4.2	-15.30	3.0
13	9	218.2	7	1.3	-35.2	0.01	0.1	-17.24	-11.0
13	10	220.0	7	0.0	-59.1	0.00	0.0	-19.23	-29.3
14	0	220.0	7	0.0	0.0	16.20	0.0	0.00	0.0
14	1	221.9	7	25.1	0.0	13.93	24.6	-0.57	9.8
14	2	223.7	7	41.9	0.0	10.64	38.1	-3.08	29.9
14	3	225.6	7	50.4	0.0	8.13	44.5	-5.94	43.6
14	4	227.4	7	52.4	0.0	6.38	43.7	-7.90	47.6
14	5	229.3	7	47.7	0.0	4.30	39.7	-10.36	42.8
14	6	231.1	7	37.4	0.0	2.96	31.7	-12.03	32.0
14	7	233.0	7	24.6	-1.8	1.81	19.3	-13.56	18.7
14	8	234.8	7	11.3	-15.0	0.28	4.2	-15.30	3.0

14	9	236.7	7	1.3	-35.2	0.01	0.1	-17.24	-11.0
14	10	238.5	7	0.0	-59.1	0.00	0.0	-19.23	-29.3
15	0	238.5	7	0.0	0.0	16.19	0.0	0.00	0.0
15	1	240.4	7	25.0	0.0	13.91	24.6	-0.57	9.8
15	2	242.2	7	41.8	0.0	10.60	38.0	-3.09	29.9
15	3	244.1	7	50.2	0.0	8.09	44.2	-5.96	43.5
15	4	245.9	7	52.1	0.0	6.34	43.4	-7.94	47.4
15	5	247.8	7	47.3	0.0	4.26	39.4	-10.40	42.4
15	6	249.6	7	37.0	0.0	2.93	31.4	-12.07	31.5
15	7	251.5	7	24.3	-2.0	1.80	19.2	-13.60	18.2
15	8	253.3	7	11.2	-15.6	0.29	3.3	-15.32	2.6
15	9	255.2	7	1.3	-35.9	0.08	1.2	-17.25	-11.0
15	10	257.0	7	0.0	-59.8	0.00	0.0	-19.24	-29.4
16	0	257.0	7	0.0	0.0	16.13	0.0	0.00	0.0
16	1	258.9	7	24.9	0.0	13.83	24.4	-0.58	9.7
16	2	260.7	7	41.4	0.0	10.49	37.5	-3.15	29.6
16	3	262.6	7	49.5	0.0	7.94	43.4	-6.06	42.9
16	4	264.4	7	51.0	0.0	6.18	42.2	-8.07	46.4
16	5	266.3	7	45.8	0.0	4.09	37.9	-10.55	40.9
16	6	268.1	7	35.2	0.0	2.78	29.7	-12.24	29.7
16	7	270.0	7	22.5	-2.8	1.67	17.7	-13.77	16.1
16	8	271.8	7	9.9	-17.8	0.25	2.9	-15.47	0.6
16	9	273.7	7	1.1	-38.7	0.01	0.1	-17.34	-12.6
16	10	275.5	7	0.0	-62.8	0.00	0.0	-19.29	-30.3
17	0	275.5	7	0.0	0.0	16.13	0.0	0.00	0.0
17	1	277.4	7	24.9	0.0	13.83	24.4	-0.58	9.7
17	2	279.2	7	41.4	0.0	10.49	37.5	-3.15	29.6
17	3	281.1	7	49.5	0.0	7.94	43.4	-6.06	42.9
17	4	282.9	7	51.0	0.0	6.18	42.2	-8.07	46.4
17	5	284.8	7	45.8	0.0	4.09	37.9	-10.55	40.9
17	6	286.6	7	35.2	0.0	2.78	29.7	-12.24	29.7
17	7	288.5	7	22.5	-2.8	1.67	17.7	-13.77	16.1
17	8	290.3	7	9.9	-17.8	0.25	2.9	-15.47	0.6
17	9	292.2	7	1.1	-38.7	0.01	0.1	-17.34	-12.6
17	10	294.0	7	0.0	-62.8	0.00	0.0	-19.29	-30.3
18	0	294.0	7	0.0	-64.5	19.58	-32.4	0.00	0.0
18	1	295.9	7	1.1	-39.8	18.16	-13.6	-0.01	0.1
18	2	297.8	7	10.2	-18.2	16.50	3.5	-0.16	3.1
18	3	299.7	7	23.5	-2.8	14.82	20.0	-0.97	15.3
18	4	301.6	7	36.9	0.0	13.01	34.0	-2.63	30.8
18	5	303.5	7	47.5	0.0	10.88	44.0	-4.37	41.5
18	6	305.4	7	52.7	0.0	9.11	48.1	-5.90	48.0
18	7	307.3	7	51.6	0.0	6.57	44.5	-8.17	48.4
18	8	309.2	7	42.7	0.0	3.76	31.0	-10.53	40.8
18	9	311.1	7	25.7	0.0	0.00	0.0	-13.24	25.3
18	10	313.0	7	0.0	0.0	0.00	0.0	-16.26	0.0
1	0	0.0	8	0.0	-8.5	12.37	-8.5	0.00	0.0
1	1	0.4	8	0.0	-4.4	12.37	-3.8	0.00	0.0
1	2	0.8	8	1.0	-1.5	11.65	-0.4	0.00	0.0
1	3	1.2	8	2.5	-0.2	8.83	1.9	0.00	0.0
1	4	1.6	8	3.9	0.0	5.93	3.2	0.00	0.7
1	5	2.0	8	4.5	0.0	3.36	3.5	-3.64	3.4
1	6	2.4	8	3.9	0.0	3.36	2.4	-3.64	3.2
1	7	2.8	8	2.4	-0.2	1.57	0.9	-5.93	2.1
1	8	3.2	8	1.0	-1.5	0.10	0.1	-8.41	-0.3
1	9	3.6	8	0.2	-4.4	0.00	0.0	-11.65	-3.7
1	10	4.0	8	0.0	-8.5	0.00	0.0	-13.84	-7.7
2	0	4.0	8	0.0	-42.5	17.52	-20.1	0.00	0.0
2	1	5.3	8	0.8	-26.2	16.92	-10.3	-0.01	0.2
2	2	6.5	8	5.3	-11.8	15.84	1.1	-0.22	2.2
2	3	7.8	8	14.0	-1.7	14.67	10.7	-0.66	7.9
2	4	9.0	8	22.9	0.0	12.52	20.8	-2.40	18.0
2	5	10.3	8	29.7	0.0	10.85	27.7	-3.64	24.9
2	6	11.5	8	33.3	0.0	7.76	30.8	-5.89	29.4
2	7	12.8	8	32.5	0.0	5.79	27.2	-7.60	30.1
2	8	14.0	8	27.1	0.0	2.99	17.6	-10.42	26.0
2	9	15.3	8	16.2	0.0	0.77	3.3	-12.43	16.1
2	10	16.5	8	0.0	0.0	0.00	0.0	-15.57	0.0
3	0	16.5	8	0.0	-60.3	17.71	-21.2	0.00	0.0
3	1	18.4	8	1.8	-36.3	17.17	-10.0	-0.06	1.6
3	2	20.2	8	11.5	-15.7	16.03	4.8	-0.41	7.1
3	3	22.1	8	24.8	-2.0	14.45	20.2	-1.48	19.5
3	4	23.9	8	37.9	0.0	13.03	33.7	-2.62	32.6
3	5	25.8	8	48.0	0.0	10.84	44.1	-4.39	42.9
3	6	27.6	8	52.8	0.0	8.58	47.0	-6.51	48.8
3	7	29.5	8	51.2	0.0	6.43	41.7	-8.27	48.7
3	8	31.3	8	42.3	0.0	3.68	28.9	-10.83	41.3
3	9	33.2	8	25.3	0.0	0.97	8.9	-13.54	25.3
3	10	35.0	8	0.0	0.0	0.00	0.0	-16.35	0.0
4	0	35.0	8	0.0	-60.3	17.71	-21.2	0.00	0.0
4	1	36.8	8	1.8	-36.3	17.17	-10.0	-0.06	1.6
4	2	38.7	8	11.5	-15.7	16.03	4.8	-0.41	7.1

4	3	40.5	8	24.8	-2.0	14.36	19.5	-1.48	19.5
4	4	42.4	8	37.7	0.0	12.82	34.1	-2.62	32.6
4	5	44.2	8	47.9	0.0	10.70	45.7	-4.39	40.6
4	6	46.1	8	52.7	0.0	8.58	47.0	-6.02	50.1
4	7	47.9	8	51.1	0.0	6.43	41.7	-7.80	48.5
4	8	49.8	8	42.3	0.0	3.68	28.9	-10.43	39.8
4	9	51.6	8	25.2	0.0	0.97	8.9	-13.13	24.5
4	10	53.5	8	0.0	0.0	0.00	0.0	-15.93	0.0
5	0	53.5	8	0.0	-59.6	17.71	-21.2	0.00	0.0
5	1	55.3	8	1.7	-35.6	17.17	-10.0	-0.03	0.7
5	2	57.2	8	11.3	-15.1	16.01	5.1	-0.43	7.3
5	3	59.0	8	25.1	-1.8	14.32	20.0	-1.39	18.3
5	4	60.9	8	38.1	0.0	12.78	34.6	-2.41	31.3
5	5	62.7	8	48.3	0.0	10.66	46.1	-4.43	41.0
5	6	64.6	8	53.0	0.0	8.54	47.3	-6.07	50.4
5	7	66.4	8	51.3	0.0	6.40	41.9	-7.84	48.7
5	8	68.3	8	42.4	0.0	3.67	28.9	-10.47	39.9
5	9	70.1	8	25.2	0.0	0.96	8.9	-13.15	24.5
5	10	72.0	8	0.0	0.0	0.00	0.0	-15.94	0.0
6	0	72.0	8	0.0	-63.4	17.74	-21.6	0.00	0.0
6	1	73.8	8	1.4	-39.0	17.25	-11.5	-0.02	0.6
6	2	75.7	8	10.0	-17.9	16.16	2.8	-0.36	6.3
6	3	77.5	8	22.8	-2.8	14.52	17.5	-1.27	16.7
6	4	79.4	8	35.9	0.0	12.99	32.2	-2.24	29.3
6	5	81.2	8	46.4	0.0	10.86	44.2	-4.23	39.1
6	6	83.1	8	51.6	0.0	8.71	46.0	-5.86	48.9
6	7	84.9	8	50.4	0.0	6.54	41.2	-7.66	47.7
6	8	86.8	8	41.9	0.0	3.75	28.6	-10.31	39.4
6	9	88.6	8	25.0	0.0	0.99	8.9	-13.04	24.3
6	10	90.5	8	0.0	0.0	0.00	0.0	-15.89	0.0
7	0	90.5	8	0.0	-61.7	17.72	-21.3	0.00	0.0
7	1	92.3	8	1.6	-37.7	17.19	-10.4	-0.03	0.7
7	2	94.2	8	10.9	-16.8	16.06	4.3	-0.42	7.1
7	3	96.0	8	24.1	-2.2	14.42	18.7	-1.35	17.8
7	4	97.9	8	36.9	0.0	12.91	33.1	-2.35	30.5
7	5	99.7	8	47.1	0.0	10.78	44.9	-4.32	39.9
7	6	101.6	8	52.2	0.0	8.63	46.6	-5.94	49.5
7	7	103.4	8	50.8	0.0	6.47	41.6	-7.74	48.1
7	8	105.3	8	42.2	0.0	3.70	28.8	-10.39	39.6
7	9	107.1	8	25.1	0.0	0.97	8.9	-13.10	24.4
7	10	109.0	8	0.0	0.0	0.00	0.0	-15.92	0.0
8	0	109.0	8	0.0	-63.4	17.74	-21.6	0.00	0.0
8	1	110.8	8	1.4	-39.0	17.25	-11.5	-0.02	0.6
8	2	112.7	8	10.0	-17.9	16.16	2.8	-0.36	6.3
8	3	114.5	8	22.8	-2.8	14.52	17.5	-1.27	16.7
8	4	116.4	8	35.9	0.0	12.99	32.2	-2.24	29.3
8	5	118.2	8	46.4	0.0	10.86	44.2	-4.23	39.1
8	6	120.1	8	51.6	0.0	8.71	46.0	-5.86	48.9
8	7	121.9	8	50.4	0.0	6.54	41.2	-7.66	47.7
8	8	123.8	8	41.9	0.0	3.75	28.6	-10.31	39.4
8	9	125.6	8	25.0	0.0	0.99	8.9	-13.04	24.3
8	10	127.5	8	0.0	0.0	0.00	0.0	-15.89	0.0
9	0	127.5	8	0.0	-48.6	17.56	-20.6	0.00	0.0
9	1	129.4	8	2.0	-26.1	16.66	-8.4	-0.05	0.8
9	2	131.2	8	11.7	-8.8	14.76	6.4	-0.73	7.5
9	3	133.1	8	23.8	-0.7	12.26	21.1	-2.32	17.2
9	4	134.9	8	32.6	0.0	10.18	31.0	-3.96	26.8
9	5	136.8	8	36.1	0.0	7.31	33.0	-7.02	33.0
9	6	138.6	8	32.6	0.0	4.80	26.8	-9.46	31.0
9	7	140.5	8	23.8	-0.7	2.81	17.2	-11.56	21.1
9	8	142.3	8	11.7	-8.8	1.02	7.5	-14.20	6.4
9	9	144.2	8	2.0	-26.1	0.09	0.8	-16.28	-8.4
9	10	146.0	8	0.0	-48.6	0.00	0.0	-17.56	-20.6
10	0	146.0	8	0.0	-48.6	17.56	-20.6	0.00	0.0
10	1	147.9	8	2.0	-26.1	16.66	-8.4	-0.05	0.8
10	2	149.7	8	11.7	-8.8	14.76	6.4	-0.73	7.5
10	3	151.6	8	23.8	-0.7	12.26	21.1	-2.32	17.2
10	4	153.4	8	32.6	0.0	10.18	31.0	-3.96	26.8
10	5	155.3	8	36.1	0.0	7.31	33.0	-7.02	33.0
10	6	157.1	8	32.6	0.0	4.80	26.8	-9.46	31.0
10	7	159.0	8	23.8	-0.7	2.81	17.2	-11.56	21.1
10	8	160.8	8	11.7	-8.8	1.02	7.5	-14.20	6.4
10	9	162.7	8	2.0	-26.1	0.09	0.8	-16.28	-8.4
10	10	164.5	8	0.0	-48.6	0.00	0.0	-17.56	-20.6
11	0	164.5	8	0.0	0.0	15.89	0.0	0.00	0.0
11	1	166.4	8	25.0	0.0	13.75	24.3	-0.55	8.9
11	2	168.2	8	41.9	0.0	10.98	39.4	-3.03	28.6
11	3	170.1	8	50.4	0.0	8.33	47.7	-5.85	41.2
11	4	171.9	8	51.6	0.0	6.44	48.9	-7.88	46.0
11	5	173.8	8	46.4	0.0	4.23	39.1	-10.76	44.2
11	6	175.6	8	35.9	0.0	2.77	29.3	-12.48	32.2
11	7	177.5	8	22.8	-2.8	1.55	16.7	-13.98	17.5
11	8	179.3	8	10.0	-17.9	0.54	6.3	-15.83	2.8

11	9	181.2	8	1.4	-39.0	0.05	0.6	-17.04	-11.5
11	10	183.0	8	0.0	-63.4	0.00	0.0	-17.74	-21.6
12	0	183.0	8	0.0	0.0	15.89	0.0	0.00	0.0
12	1	184.9	8	25.0	0.0	13.75	24.3	-0.55	8.9
12	2	186.7	8	41.9	0.0	10.98	39.4	-3.03	28.6
12	3	188.6	8	50.4	0.0	8.33	47.7	-5.85	41.2
12	4	190.4	8	51.6	0.0	6.44	48.9	-7.88	46.0
12	5	192.3	8	46.4	0.0	4.23	39.1	-10.76	44.2
12	6	194.1	8	35.9	0.0	2.77	29.3	-12.48	32.2
12	7	196.0	8	22.8	-2.8	1.55	16.7	-13.98	17.5
12	8	197.8	8	10.0	-17.9	0.54	6.3	-15.83	2.8
12	9	199.7	8	1.4	-39.0	0.05	0.6	-17.04	-11.5
12	10	201.5	8	0.0	-63.4	0.00	0.0	-17.74	-21.6
13	0	201.5	8	0.0	0.0	15.94	0.0	0.00	0.0
13	1	203.4	8	25.2	0.0	13.84	24.5	-0.54	8.9
13	2	205.2	8	42.4	0.0	11.13	39.9	-2.97	28.9
13	3	207.1	8	51.3	0.0	8.51	48.7	-5.72	41.9
13	4	208.9	8	53.0	0.0	6.64	50.4	-7.72	47.3
13	5	210.8	8	48.3	0.0	4.43	41.0	-10.57	46.1
13	6	212.6	8	38.1	0.0	2.95	31.3	-12.27	34.6
13	7	214.5	8	25.1	-1.8	1.70	18.3	-13.78	20.0
13	8	216.3	8	11.3	-15.1	0.60	7.3	-15.66	5.1
13	9	218.2	8	1.7	-35.6	0.05	0.7	-16.94	-10.0
13	10	220.0	8	0.0	-59.6	0.00	0.0	-17.71	-21.2
14	0	220.0	8	0.0	0.0	15.94	0.0	0.00	0.0
14	1	221.9	8	25.2	0.0	13.84	24.5	-0.54	8.9
14	2	223.7	8	42.4	0.0	11.13	39.9	-2.97	28.9
14	3	225.6	8	51.3	0.0	8.51	48.7	-5.72	41.9
14	4	227.4	8	53.0	0.0	6.64	50.4	-7.72	47.3
14	5	229.3	8	48.3	0.0	4.43	41.0	-10.57	46.1
14	6	231.1	8	38.1	0.0	2.95	31.3	-12.27	34.6
14	7	233.0	8	25.1	-1.8	1.70	18.3	-13.78	20.0
14	8	234.8	8	11.3	-15.1	0.60	7.3	-15.66	5.1
14	9	236.7	8	1.7	-35.6	0.05	0.7	-16.94	-10.0
14	10	238.5	8	0.0	-59.6	0.00	0.0	-17.71	-21.2
15	0	238.5	8	0.0	0.0	15.93	0.0	0.00	0.0
15	1	240.4	8	25.2	0.0	13.82	24.5	-0.54	8.9
15	2	242.2	8	42.3	0.0	11.10	39.8	-2.98	28.9
15	3	244.1	8	51.1	0.0	8.47	48.5	-5.75	41.7
15	4	245.9	8	52.7	0.0	6.60	50.1	-7.75	47.0
15	5	247.8	8	47.9	0.0	4.39	40.6	-10.61	45.7
15	6	249.6	8	37.7	0.0	2.92	31.0	-12.31	34.1
15	7	251.5	8	24.7	-2.0	1.68	18.1	-13.82	19.5
15	8	253.3	8	11.3	-15.7	0.61	7.1	-15.69	4.8
15	9	255.2	8	1.8	-36.3	0.07	1.0	-16.94	-10.0
15	10	257.0	8	0.0	-60.3	0.00	0.0	-17.71	-21.2
16	0	257.0	8	0.0	0.0	15.89	0.0	0.00	0.0
16	1	258.9	8	25.0	0.0	13.75	24.3	-0.55	8.9
16	2	260.7	8	41.9	0.0	10.98	39.4	-3.03	28.6
16	3	262.6	8	50.4	0.0	8.33	47.7	-5.85	41.2
16	4	264.4	8	51.6	0.0	6.44	48.9	-7.88	46.0
16	5	266.3	8	46.4	0.0	4.23	39.1	-10.76	44.2
16	6	268.1	8	35.9	0.0	2.77	29.3	-12.48	32.2
16	7	270.0	8	22.8	-2.8	1.55	16.7	-13.98	17.5
16	8	271.8	8	10.0	-17.9	0.54	6.3	-15.83	2.8
16	9	273.7	8	1.4	-39.0	0.05	0.6	-17.04	-11.5
16	10	275.5	8	0.0	-63.4	0.00	0.0	-17.74	-21.6
17	0	275.5	8	0.0	0.0	15.89	0.0	0.00	0.0
17	1	277.4	8	25.0	0.0	13.75	24.3	-0.55	8.9
17	2	279.2	8	41.9	0.0	10.98	39.4	-3.03	28.6
17	3	281.1	8	50.4	0.0	8.33	47.7	-5.85	41.2
17	4	282.9	8	51.6	0.0	6.44	48.9	-7.88	46.0
17	5	284.8	8	46.4	0.0	4.23	39.1	-10.76	44.2
17	6	286.6	8	35.9	0.0	2.88	30.9	-12.48	32.2
17	7	288.5	8	22.9	-2.8	1.75	18.0	-13.98	16.9
17	8	290.3	8	10.1	-17.9	0.54	6.0	-15.68	1.3
17	9	292.2	8	1.4	-39.0	0.03	0.4	-16.94	-13.5
17	10	294.0	8	0.0	-63.4	0.00	0.0	-17.69	-24.4
18	0	294.0	8	0.0	-65.1	17.80	-17.4	0.00	0.0
18	1	295.9	8	1.6	-40.1	17.39	-8.3	-0.02	0.7
18	2	297.8	8	10.3	-18.4	16.43	5.6	-0.31	5.9
18	3	299.7	8	23.7	-2.9	14.78	18.9	-1.19	17.8
18	4	301.6	8	37.2	0.0	12.92	33.0	-2.73	31.8
18	5	303.5	8	47.8	0.0	10.75	43.0	-4.21	40.0
18	6	305.4	8	52.8	0.0	8.94	46.8	-5.73	46.7
18	7	307.3	8	52.0	0.0	6.37	42.8	-8.00	47.5
18	8	309.2	8	42.8	0.0	4.07	33.8	-10.89	42.2
18	9	311.1	8	26.1	0.0	0.00	0.0	-13.58	25.9
18	10	313.0	8	0.0	0.0	0.00	0.0	-16.37	0.0
1	0	0.0	9	0.0	-8.9	14.03	-8.5	0.00	0.0
1	1	0.4	9	0.0	-4.5	14.03	-3.8	0.00	0.0
1	2	0.8	9	1.0	-1.6	11.77	-0.3	0.00	0.0

1	3	1.2	9	2.6	-0.2	9.12	2.1	0.00	0.0
1	4	1.6	9	4.0	0.0	5.91	3.6	0.00	0.7
1	5	2.0	9	4.7	0.0	3.26	3.8	-3.82	3.5
1	6	2.4	9	4.0	0.0	3.26	2.2	-3.82	3.4
1	7	2.8	9	2.4	-0.2	1.38	0.8	-6.06	2.1
1	8	3.2	9	1.0	-1.6	0.07	0.1	-9.12	-0.4
1	9	3.6	9	0.1	-4.5	0.00	0.0	-12.01	-3.9
1	10	4.0	9	0.0	-8.7	0.00	0.0	-14.03	-8.5
2	0	4.0	9	0.0	-44.5	18.46	-18.4	0.00	0.0
2	1	5.3	9	0.7	-27.4	17.90	-10.3	-0.00	0.2
2	2	6.5	9	5.6	-12.4	16.50	0.3	-0.20	2.0
2	3	7.8	9	14.7	-1.8	15.25	11.5	-0.90	9.9
2	4	9.0	9	24.0	0.0	12.96	21.2	-2.40	18.0
2	5	10.3	9	31.1	0.0	11.20	27.7	-3.68	24.7
2	6	11.5	9	34.8	0.0	8.28	30.0	-6.00	30.0
2	7	12.8	9	34.1	0.0	6.19	26.6	-7.78	30.5
2	8	14.0	9	28.3	0.0	2.91	17.2	-10.52	26.3
2	9	15.3	9	16.9	0.0	0.95	3.7	-12.60	16.4
2	10	16.5	9	0.0	0.0	0.00	0.0	-16.10	0.0
3	0	16.5	9	0.0	-63.3	18.62	-19.3	0.00	0.0
3	1	18.4	9	1.9	-38.1	18.10	-8.4	-0.05	1.5
3	2	20.2	9	11.9	-16.5	16.95	6.7	-0.32	5.6
3	3	22.1	9	26.1	-2.1	15.34	22.6	-1.58	20.7
3	4	23.9	9	39.8	0.0	13.88	36.6	-2.66	33.2
3	5	25.8	9	50.3	0.0	11.61	46.6	-4.50	43.5
3	6	27.6	9	55.1	0.0	9.07	50.1	-6.60	49.4
3	7	29.5	9	53.6	0.0	7.02	46.0	-8.42	50.0
3	8	31.3	9	44.2	0.0	4.16	32.9	-11.21	42.8
3	9	33.2	9	26.6	0.0	1.26	11.4	-14.05	26.2
3	10	35.0	9	0.0	0.0	0.00	0.0	-17.00	0.0
4	0	35.0	9	0.0	-63.3	18.62	-19.3	0.00	0.0
4	1	36.8	9	1.9	-38.0	18.10	-8.4	-0.05	1.5
4	2	38.7	9	11.9	-16.5	16.95	6.7	-0.32	5.6
4	3	40.5	9	26.1	-2.1	15.09	20.8	-1.58	20.7
4	4	42.4	9	39.2	0.0	13.34	33.3	-2.66	33.2
4	5	44.2	9	50.1	0.0	11.00	44.8	-4.50	41.7
4	6	46.1	9	55.1	0.0	9.07	50.1	-6.13	46.0
4	7	47.9	9	53.6	0.0	7.02	46.0	-7.92	48.3
4	8	49.8	9	44.1	0.0	4.16	32.9	-11.21	42.8
4	9	51.6	9	26.6	0.0	1.26	11.4	-14.05	26.2
4	10	53.5	9	0.0	0.0	0.00	0.0	-17.00	0.0
5	0	53.5	9	0.0	-62.5	18.62	-19.4	0.00	0.0
5	1	55.3	9	1.8	-37.3	18.10	-8.4	-0.02	0.5
5	2	57.2	9	12.0	-15.8	16.93	7.0	-0.40	6.3
5	3	59.0	9	26.4	-1.9	15.06	21.3	-1.59	20.8
5	4	60.9	9	39.6	0.0	13.30	33.8	-2.69	33.6
5	5	62.7	9	50.5	0.0	10.96	45.2	-4.55	42.1
5	6	64.6	9	55.4	0.0	9.03	50.4	-6.18	46.3
5	7	66.4	9	53.8	0.0	6.99	46.1	-7.96	48.5
5	8	68.3	9	44.2	0.0	4.14	33.0	-11.25	42.9
5	9	70.1	9	26.6	0.0	1.25	11.4	-14.08	26.3
5	10	72.0	9	0.0	0.0	0.00	0.0	-17.01	0.0
6	0	72.0	9	0.0	-66.5	18.64	-19.7	0.00	0.0
6	1	73.8	9	1.6	-40.9	18.17	-9.8	-0.02	0.5
6	2	75.7	9	10.5	-18.8	17.08	4.6	-0.29	5.0
6	3	77.5	9	24.1	-3.0	15.26	18.6	-1.45	19.1
6	4	79.4	9	37.3	0.0	13.52	31.4	-2.51	31.5
6	5	81.2	9	48.5	0.0	11.16	43.3	-4.33	40.1
6	6	83.1	9	54.0	0.0	9.21	49.1	-5.96	44.7
6	7	84.9	9	52.9	0.0	7.14	45.4	-7.76	47.4
6	8	86.8	9	43.7	0.0	4.23	32.7	-11.09	42.3
6	9	88.6	9	26.4	0.0	1.28	11.4	-13.97	26.1
6	10	90.5	9	0.0	0.0	0.00	0.0	-16.97	0.0
7	0	90.5	9	0.0	-64.7	18.63	-19.4	0.00	0.0
7	1	92.3	9	1.7	-39.5	18.12	-8.8	-0.02	0.5
7	2	94.2	9	11.5	-17.6	16.98	6.1	-0.39	6.1
7	3	96.0	9	25.5	-2.3	15.16	19.9	-1.54	20.3
7	4	97.9	9	38.4	0.0	13.43	32.3	-2.62	32.7
7	5	99.7	9	49.2	0.0	11.08	44.1	-4.43	40.9
7	6	101.6	9	54.6	0.0	9.12	49.7	-6.04	45.3
7	7	103.4	9	53.3	0.0	7.06	45.8	-7.84	47.9
7	8	105.3	9	44.0	0.0	4.18	32.9	-11.17	42.6
7	9	107.1	9	26.5	0.0	1.26	11.4	-14.03	26.2
7	10	109.0	9	0.0	0.0	0.00	0.0	-16.99	0.0
8	0	109.0	9	0.0	-66.5	18.64	-19.7	0.00	0.0
8	1	110.8	9	1.6	-40.9	18.17	-9.8	-0.02	0.5
8	2	112.7	9	10.5	-18.8	17.08	4.6	-0.29	5.0
8	3	114.5	9	24.1	-3.0	15.26	18.6	-1.45	19.1
8	4	116.4	9	37.3	0.0	13.52	31.4	-2.51	31.5
8	5	118.2	9	48.5	0.0	11.16	43.3	-4.33	40.1
8	6	120.1	9	54.0	0.0	9.21	49.1	-5.96	44.7
8	7	121.9	9	52.9	0.0	7.14	45.4	-7.76	47.4
8	8	123.8	9	43.7	0.0	4.23	32.7	-11.09	42.3

8	9	125.6	9	26.4	0.0	1.28	11.4	-13.97	26.1
8	10	127.5	9	0.0	0.0	0.00	0.0	-16.97	0.0
9	0	127.5	9	0.0	-51.0	18.50	-18.8	0.00	0.0
9	1	129.4	9	2.1	-27.3	17.62	-7.0	-0.03	0.6
9	2	131.2	9	12.5	-9.2	15.71	8.1	-0.76	8.3
9	3	133.1	9	25.1	-0.7	12.79	20.0	-2.64	19.7
9	4	134.9	9	34.0	0.0	10.23	27.1	-4.41	28.7
9	5	136.8	9	37.6	0.0	7.22	31.2	-7.22	31.2
9	6	138.6	9	34.0	0.0	5.09	28.7	-9.47	27.1
9	7	140.5	9	25.1	-0.7	3.18	19.7	-11.72	20.0
9	8	142.3	9	12.5	-9.2	1.22	8.3	-15.14	8.1
9	9	144.2	9	2.1	-27.3	0.06	0.6	-17.25	-7.0
9	10	146.0	9	0.0	-51.0	0.00	0.0	-18.50	-18.8
10	0	146.0	9	0.0	-51.0	18.50	-18.8	0.00	0.0
10	1	147.9	9	2.1	-27.3	17.62	-7.0	-0.03	0.6
10	2	149.7	9	12.5	-9.2	15.71	8.1	-0.76	8.3
10	3	151.6	9	25.1	-0.7	12.79	20.0	-2.64	19.7
10	4	153.4	9	34.0	0.0	10.23	27.1	-4.41	28.7
10	5	155.3	9	37.6	0.0	7.22	31.2	-7.22	31.2
10	6	157.1	9	34.0	0.0	5.09	28.7	-9.47	27.1
10	7	159.0	9	25.1	-0.7	3.18	19.7	-11.72	20.0
10	8	160.8	9	12.5	-9.2	1.22	8.3	-15.14	8.1
10	9	162.7	9	2.1	-27.3	0.06	0.6	-17.25	-7.0
10	10	164.5	9	0.0	-51.0	0.00	0.0	-18.50	-18.8
11	0	164.5	9	0.0	0.0	16.97	0.0	0.00	0.0
11	1	166.4	9	26.4	0.0	14.72	26.1	-0.67	11.4
11	2	168.2	9	43.7	0.0	11.80	42.3	-3.48	32.7
11	3	170.1	9	52.9	0.0	8.73	47.4	-6.42	45.4
11	4	171.9	9	54.0	0.0	6.53	44.7	-8.54	49.1
11	5	173.8	9	48.5	0.0	4.33	40.1	-11.16	43.3
11	6	175.6	9	37.3	0.0	2.94	31.5	-12.95	31.4
11	7	177.5	9	24.1	-3.0	1.76	19.1	-14.56	18.6
11	8	179.3	9	10.5	-18.8	0.42	5.0	-16.75	4.6
11	9	181.2	9	1.6	-40.9	0.03	0.5	-17.97	-9.8
11	10	183.0	9	0.0	-66.5	0.00	0.0	-18.64	-19.7
12	0	183.0	9	0.0	0.0	16.97	0.0	0.00	0.0
12	1	184.9	9	26.4	0.0	14.72	26.1	-0.67	11.4
12	2	186.7	9	43.7	0.0	11.80	42.3	-3.48	32.7
12	3	188.6	9	52.9	0.0	8.73	47.4	-6.42	45.4
12	4	190.4	9	54.0	0.0	6.53	44.7	-8.54	49.1
12	5	192.3	9	48.5	0.0	4.33	40.1	-11.16	43.3
12	6	194.1	9	37.3	0.0	2.94	31.5	-12.95	31.4
12	7	196.0	9	24.1	-3.0	1.76	19.1	-14.56	18.6
12	8	197.8	9	10.5	-18.8	0.42	5.0	-16.75	4.6
12	9	199.7	9	1.6	-40.9	0.03	0.5	-17.97	-9.8
12	10	201.5	9	0.0	-66.5	0.00	0.0	-18.64	-19.7
13	0	201.5	9	0.0	0.0	17.01	0.0	0.00	0.0
13	1	203.4	9	26.6	0.0	14.81	26.3	-0.66	11.4
13	2	205.2	9	44.2	0.0	11.95	42.9	-3.40	33.0
13	3	207.1	9	53.8	0.0	8.93	48.5	-6.28	46.1
13	4	208.9	9	55.4	0.0	6.75	46.3	-8.36	50.4
13	5	210.8	9	50.5	0.0	4.55	42.1	-10.96	45.2
13	6	212.6	9	39.6	0.0	3.13	33.6	-12.73	33.8
13	7	214.5	9	26.4	-1.9	1.92	20.8	-14.35	21.3
13	8	216.3	9	12.0	-15.8	0.47	6.3	-16.58	7.0
13	9	218.2	9	1.8	-37.3	0.04	0.5	-17.87	-8.4
13	10	220.0	9	0.0	-62.5	0.00	0.0	-18.62	-19.4
14	0	220.0	9	0.0	0.0	17.01	0.0	0.00	0.0
14	1	221.9	9	26.6	0.0	14.81	26.3	-0.66	11.4
14	2	223.7	9	44.2	0.0	11.95	42.9	-3.40	33.0
14	3	225.6	9	53.8	0.0	8.93	48.5	-6.28	46.1
14	4	227.4	9	55.4	0.0	6.75	46.3	-8.36	50.4
14	5	229.3	9	50.5	0.0	4.55	42.1	-10.96	45.2
14	6	231.1	9	39.6	0.0	3.13	33.6	-12.73	33.8
14	7	233.0	9	26.4	-1.9	1.92	20.8	-14.35	21.3
14	8	234.8	9	12.0	-15.8	0.47	6.3	-16.58	7.0
14	9	236.7	9	1.8	-37.3	0.04	0.5	-17.87	-8.4
14	10	238.5	9	0.0	-62.5	0.00	0.0	-18.62	-19.4
15	0	238.5	9	0.0	0.0	17.00	0.0	0.00	0.0
15	1	240.4	9	26.6	0.0	14.79	26.2	-0.66	11.4
15	2	242.2	9	44.1	0.0	11.92	42.8	-3.42	32.9
15	3	244.1	9	53.6	0.0	8.89	48.3	-6.31	46.0
15	4	245.9	9	55.1	0.0	6.70	46.0	-8.40	50.1
15	5	247.8	9	50.1	0.0	4.50	41.7	-11.00	44.8
15	6	249.6	9	39.2	0.0	3.10	33.2	-12.77	33.3
15	7	251.5	9	26.1	-2.1	1.90	20.7	-14.39	20.8
15	8	253.3	9	11.9	-16.5	0.47	5.6	-16.60	6.7
15	9	255.2	9	1.9	-38.0	0.10	1.5	-17.87	-8.4
15	10	257.0	9	0.0	-63.3	0.00	0.0	-18.62	-19.3
16	0	257.0	9	0.0	0.0	16.97	0.0	0.00	0.0
16	1	258.9	9	26.4	0.0	14.72	26.1	-0.67	11.4
16	2	260.7	9	43.7	0.0	11.80	42.3	-3.48	32.7

16	3	262.6	9	52.9	0.0	8.73	47.4	-6.42	45.4
16	4	264.4	9	54.0	0.0	6.53	44.7	-8.54	49.1
16	5	266.3	9	48.5	0.0	4.33	40.1	-11.16	43.3
16	6	268.1	9	37.3	0.0	2.94	31.5	-12.95	31.4
16	7	270.0	9	24.1	-3.0	1.76	19.1	-14.56	18.6
16	8	271.8	9	10.5	-18.8	0.42	5.0	-16.75	4.6
16	9	273.7	9	1.6	-40.9	0.03	0.5	-17.97	-9.8
16	10	275.5	9	0.0	-66.5	0.00	0.0	-18.64	-19.7
17	0	275.5	9	0.0	0.0	16.97	0.0	0.00	0.0
17	1	277.4	9	26.4	0.0	14.72	26.1	-0.67	11.4
17	2	279.2	9	43.7	0.0	11.80	42.3	-3.48	32.7
17	3	281.1	9	52.9	0.0	8.73	47.4	-6.42	45.4
17	4	282.9	9	54.0	0.0	6.53	44.7	-8.54	49.1
17	5	284.8	9	48.5	0.0	4.33	40.1	-11.16	43.3
17	6	286.6	9	37.3	0.0	2.94	31.5	-12.95	31.4
17	7	288.5	9	23.8	-3.0	1.76	19.1	-14.56	17.0
17	8	290.3	9	10.5	-18.8	0.30	3.4	-16.36	0.6
17	9	292.2	9	1.3	-40.9	0.02	0.3	-17.71	-15.1
17	10	294.0	9	0.0	-66.5	0.00	0.0	-18.53	-27.0
18	0	294.0	9	0.0	-68.2	18.65	-19.8	0.00	0.0
18	1	295.9	9	1.6	-42.1	18.20	-9.8	-0.02	0.6
18	2	297.8	9	10.5	-19.3	17.17	5.0	-0.30	5.7
18	3	299.7	9	24.7	-3.0	15.68	21.2	-1.37	19.8
18	4	301.6	9	39.1	0.0	13.76	35.9	-2.78	32.6
18	5	303.5	9	50.2	0.0	11.51	46.6	-4.62	43.9
18	6	305.4	9	55.7	0.0	9.64	50.8	-6.24	50.8
18	7	307.3	9	54.6	0.0	6.96	47.1	-8.64	51.2
18	8	309.2	9	45.2	0.0	3.97	32.8	-11.15	43.2
18	9	311.1	9	27.2	0.0	0.00	0.0	-13.95	26.7
18	10	313.0	9	0.0	0.0	0.00	0.0	-16.87	0.0
1	0	0.0	10	0.0	-7.4	10.31	-7.4	0.00	0.0
1	1	0.4	10	0.0	-3.8	10.31	-3.3	0.00	0.0
1	2	0.8	10	0.8	-1.3	10.31	-0.3	0.00	0.0
1	3	1.2	10	2.2	-0.1	7.81	1.7	0.00	0.0
1	4	1.6	10	3.5	0.0	5.31	2.8	0.00	0.6
1	5	2.0	10	4.1	0.0	3.17	2.9	-3.17	2.9
1	6	2.4	10	3.5	0.0	3.17	2.3	-3.17	2.8
1	7	2.8	10	2.2	-0.1	1.61	1.0	-5.31	1.7
1	8	3.2	10	1.0	-1.3	0.13	0.1	-7.81	-0.3
1	9	3.6	10	0.2	-3.8	0.00	0.0	-10.31	-3.3
1	10	4.0	10	0.0	-7.4	0.00	0.0	-10.31	-7.4
2	0	4.0	10	0.0	-37.0	15.23	-18.6	0.00	0.0
2	1	5.3	10	0.8	-22.8	14.99	-6.9	-0.01	0.2
2	2	6.5	10	4.7	-10.3	13.90	1.6	-0.21	2.1
2	3	7.8	10	12.4	-1.5	12.90	10.6	-0.63	6.8
2	4	9.0	10	20.0	0.0	11.05	18.7	-2.19	16.5
2	5	10.3	10	26.0	0.0	9.61	24.2	-3.29	22.4
2	6	11.5	10	29.2	0.0	7.22	26.4	-5.27	26.4
2	7	12.8	10	28.4	0.0	5.50	23.9	-6.78	26.8
2	8	14.0	10	23.7	0.0	2.79	16.5	-9.25	23.1
2	9	15.3	10	14.2	0.0	0.56	2.6	-11.01	14.2
2	10	16.5	10	0.0	0.0	0.00	0.0	-12.83	0.0
3	0	16.5	10	0.0	-52.6	15.42	-19.6	0.00	0.0
3	1	18.4	10	1.6	-31.7	15.01	-8.8	-0.06	1.6
3	2	20.2	10	10.1	-13.7	14.20	6.9	-0.35	6.0
3	3	22.1	10	21.8	-1.7	12.90	19.9	-1.30	17.1
3	4	23.9	10	33.1	0.0	11.71	31.6	-2.35	29.2
3	5	25.8	10	41.9	0.0	9.85	40.0	-3.91	38.2
3	6	27.6	10	46.1	0.0	7.75	43.1	-5.78	43.2
3	7	29.5	10	44.7	0.0	6.07	40.0	-7.32	43.1
3	8	31.3	10	37.0	0.0	3.70	29.6	-9.55	36.4
3	9	33.2	10	22.2	0.0	0.75	6.9	-11.92	22.2
3	10	35.0	10	0.0	0.0	0.00	0.0	-13.76	0.0
4	0	35.0	10	0.0	-52.6	15.42	-19.6	0.00	0.0
4	1	36.8	10	1.6	-31.7	15.01	-8.8	-0.06	1.6
4	2	38.7	10	10.1	-13.7	14.20	6.9	-0.35	6.0
4	3	40.5	10	21.8	-1.7	12.90	19.9	-1.30	17.1
4	4	42.4	10	33.1	0.0	11.71	31.6	-2.35	29.2
4	5	44.2	10	41.9	0.0	9.85	40.0	-3.91	38.2
4	6	46.1	10	46.1	0.0	7.75	43.1	-5.78	43.2
4	7	47.9	10	44.7	0.0	6.07	40.0	-7.32	43.1
4	8	49.8	10	37.0	0.0	3.70	29.6	-9.55	36.4
4	9	51.6	10	22.2	0.0	0.75	6.9	-11.92	22.2
4	10	53.5	10	0.0	0.0	0.00	0.0	-13.76	0.0
5	0	53.5	10	0.0	-51.9	15.42	-19.7	0.00	0.0
5	1	55.3	10	1.6	-31.1	15.12	-5.2	-0.03	0.7
5	2	57.2	10	10.2	-13.2	14.05	6.1	-0.41	6.5
5	3	59.0	10	22.1	-1.6	12.87	20.3	-1.31	17.3
5	4	60.9	10	33.5	0.0	11.67	32.0	-2.38	29.5
5	5	62.7	10	42.3	0.0	9.82	40.3	-3.95	38.5
5	6	64.6	10	46.4	0.0	7.72	43.4	-5.81	43.5
5	7	66.4	10	44.9	0.0	6.04	40.2	-7.35	43.3
5	8	68.3	10	37.1	0.0	3.68	29.7	-9.58	36.5

5	9	70.1	10	22.3	0.0	0.74	6.9	-11.94	22.3
5	10	72.0	10	0.0	0.0	0.00	0.0	-13.77	0.0
6	0	72.0	10	0.0	-55.2	15.44	-20.1	0.00	0.0
6	1	73.8	10	1.4	-34.1	15.17	-6.3	-0.02	0.7
6	2	75.7	10	8.9	-15.7	14.31	5.3	-0.31	5.3
6	3	77.5	10	20.2	-2.5	13.03	18.2	-1.20	15.8
6	4	79.4	10	31.5	0.0	11.85	30.0	-2.22	27.7
6	5	81.2	10	40.6	0.0	9.99	38.7	-3.77	36.8
6	6	83.1	10	45.2	0.0	7.88	42.3	-5.64	42.2
6	7	84.9	10	44.1	0.0	6.17	39.5	-7.19	42.4
6	8	86.8	10	36.7	0.0	3.76	29.4	-9.45	36.0
6	9	88.6	10	22.1	0.0	0.76	6.8	-11.86	22.1
6	10	90.5	10	0.0	0.0	0.00	0.0	-13.73	0.0
7	0	90.5	10	0.0	-53.8	15.43	-19.8	0.00	0.0
7	1	92.3	10	1.6	-32.9	15.13	-5.5	-0.03	0.7
7	2	94.2	10	9.8	-14.6	14.10	5.4	-0.40	6.3
7	3	96.0	10	21.4	-1.9	12.95	19.3	-1.27	16.8
7	4	97.9	10	32.4	0.0	11.78	30.8	-2.31	28.7
7	5	99.7	10	41.2	0.0	9.93	39.3	-3.85	37.5
7	6	101.6	10	45.7	0.0	7.81	42.8	-5.70	42.7
7	7	103.4	10	44.4	0.0	6.10	39.9	-7.26	42.8
7	8	105.3	10	36.9	0.0	3.72	29.5	-9.52	36.3
7	9	107.1	10	22.2	0.0	0.75	6.9	-11.91	22.2
7	10	109.0	10	0.0	0.0	0.00	0.0	-13.75	0.0
8	0	109.0	10	0.0	-55.2	15.44	-20.1	0.00	0.0
8	1	110.8	10	1.4	-34.1	15.17	-6.3	-0.02	0.7
8	2	112.7	10	8.9	-15.7	14.31	5.3	-0.31	5.3
8	3	114.5	10	20.2	-2.5	13.03	18.2	-1.20	15.8
8	4	116.4	10	31.5	0.0	11.85	30.0	-2.22	27.7
8	5	118.2	10	40.6	0.0	9.99	38.7	-3.77	36.8
8	6	120.1	10	45.2	0.0	7.88	42.3	-5.64	42.2
8	7	121.9	10	44.1	0.0	6.17	39.5	-7.19	42.4
8	8	123.8	10	36.7	0.0	3.76	29.4	-9.45	36.0
8	9	125.6	10	22.1	0.0	0.76	6.8	-11.86	22.1
8	10	127.5	10	0.0	0.0	0.00	0.0	-13.73	0.0
9	0	127.5	10	0.0	-42.4	15.43	-13.2	0.00	0.0
9	1	129.4	10	1.9	-22.7	14.77	-4.2	-0.05	0.8
9	2	131.2	10	10.6	-7.7	13.25	8.0	-0.59	6.0
9	3	133.1	10	21.0	-0.6	11.16	19.2	-2.38	17.8
9	4	134.9	10	28.7	0.0	9.38	26.7	-3.89	25.4
9	5	136.8	10	31.6	0.0	6.87	28.9	-6.25	28.9
9	6	138.6	10	28.7	0.0	4.46	25.4	-8.75	26.7
9	7	140.5	10	21.0	-0.6	2.84	17.8	-10.59	19.2
9	8	142.3	10	10.6	-7.7	0.83	6.0	-12.78	8.0
9	9	144.2	10	1.9	-22.7	0.09	0.8	-14.48	-4.2
9	10	146.0	10	0.0	-42.4	0.00	0.0	-15.27	-19.0
10	0	146.0	10	0.0	-42.4	15.43	-13.2	0.00	0.0
10	1	147.9	10	1.9	-22.7	14.77	-4.2	-0.05	0.8
10	2	149.7	10	10.6	-7.7	13.25	8.0	-0.59	6.0
10	3	151.6	10	21.0	-0.6	11.16	19.2	-2.38	17.8
10	4	153.4	10	28.7	0.0	9.38	26.7	-3.89	25.4
10	5	155.3	10	31.6	0.0	6.87	28.9	-6.25	28.9
10	6	157.1	10	28.7	0.0	4.46	25.4	-8.75	26.7
10	7	159.0	10	21.0	-0.6	2.84	17.8	-10.59	19.2
10	8	160.8	10	10.6	-7.7	0.83	6.0	-12.78	8.0
10	9	162.7	10	1.9	-22.7	0.09	0.8	-14.48	-4.2
10	10	164.5	10	0.0	-42.4	0.00	0.0	-15.27	-19.0
11	0	164.5	10	0.0	0.0	14.36	0.0	0.00	0.0
11	1	166.4	10	22.1	0.0	12.48	22.1	-0.43	6.8
11	2	168.2	10	36.7	0.0	10.05	36.0	-3.14	29.4
11	3	170.1	10	44.1	0.0	7.75	42.4	-5.57	39.5
11	4	171.9	10	45.2	0.0	6.14	42.2	-7.32	42.3
11	5	173.8	10	40.6	0.0	4.21	36.8	-9.49	38.7
11	6	175.6	10	31.5	0.0	2.59	27.7	-11.41	30.0
11	7	177.5	10	20.2	-2.5	1.58	15.8	-12.67	18.2
11	8	179.3	10	8.9	-15.7	0.44	5.3	-14.04	5.3
11	9	181.2	10	1.4	-34.1	0.05	0.7	-15.01	-6.3
11	10	183.0	10	0.0	-55.2	0.00	0.0	-15.44	-20.1
12	0	183.0	10	0.0	0.0	14.36	0.0	0.00	0.0
12	1	184.9	10	22.1	0.0	12.48	22.1	-0.43	6.8
12	2	186.7	10	36.7	0.0	10.05	36.0	-3.14	29.4
12	3	188.6	10	44.1	0.0	7.75	42.4	-5.57	39.5
12	4	190.4	10	45.2	0.0	6.14	42.2	-7.32	42.3
12	5	192.3	10	40.6	0.0	4.21	36.8	-9.49	38.7
12	6	194.1	10	31.5	0.0	2.59	27.7	-11.41	30.0
12	7	196.0	10	20.2	-2.5	1.58	15.8	-12.67	18.2
12	8	197.8	10	8.9	-15.7	0.44	5.3	-14.04	5.3
12	9	199.7	10	1.4	-34.1	0.05	0.7	-15.01	-6.3
12	10	201.5	10	0.0	-55.2	0.00	0.0	-15.44	-20.1
13	0	201.5	10	0.0	0.0	14.39	0.0	0.00	0.0
13	1	203.4	10	22.3	0.0	12.55	22.3	-0.42	6.9
13	2	205.2	10	37.1	0.0	10.16	36.5	-3.07	29.7

13	3	207.1	10	44.9	0.0	7.90	43.3	-5.46	40.2
13	4	208.9	10	46.4	0.0	6.31	43.5	-7.17	43.4
13	5	210.8	10	42.3	0.0	4.39	38.5	-9.31	40.3
13	6	212.6	10	33.5	0.0	2.75	29.5	-11.22	32.0
13	7	214.5	10	22.1	-1.6	1.72	17.3	-12.50	20.3
13	8	216.3	10	10.2	-13.2	0.49	5.9	-13.91	7.1
13	9	218.2	10	1.6	-31.1	0.05	0.7	-14.94	-5.2
13	10	220.0	10	0.0	-51.9	0.00	0.0	-15.42	-19.7
14	0	220.0	10	0.0	0.0	14.39	0.0	0.00	0.0
14	1	221.9	10	22.3	0.0	12.55	22.3	-0.42	6.9
14	2	223.7	10	37.1	0.0	10.16	36.5	-3.07	29.7
14	3	225.6	10	44.9	0.0	7.90	43.3	-5.46	40.2
14	4	227.4	10	46.4	0.0	6.31	43.5	-7.17	43.4
14	5	229.3	10	42.3	0.0	4.39	38.5	-9.31	40.3
14	6	231.1	10	33.5	0.0	2.75	29.5	-11.22	32.0
14	7	233.0	10	22.1	-1.6	1.72	17.3	-12.50	20.3
14	8	234.8	10	10.2	-13.2	0.49	5.9	-13.91	7.1
14	9	236.7	10	1.6	-31.1	0.05	0.7	-14.94	-5.2
14	10	238.5	10	0.0	-51.9	0.00	0.0	-15.42	-19.7
15	0	238.5	10	0.0	0.0	13.76	0.0	0.00	0.0
15	1	240.4	10	22.2	0.0	12.53	22.2	-0.42	6.9
15	2	242.2	10	37.0	0.0	10.14	36.4	-3.09	29.6
15	3	244.1	10	44.7	0.0	7.87	43.1	-5.48	40.0
15	4	245.9	10	46.1	0.0	6.27	43.2	-7.21	43.1
15	5	247.8	10	41.9	0.0	4.35	38.2	-9.35	40.0
15	6	249.6	10	33.1	0.0	2.72	29.2	-11.26	31.6
15	7	251.5	10	21.8	-1.7	1.70	17.1	-12.53	19.9
15	8	253.3	10	10.1	-13.7	0.49	6.0	-13.92	6.9
15	9	255.2	10	1.6	-31.7	0.05	0.8	-14.94	-5.2
15	10	257.0	10	0.0	-52.6	0.00	0.0	-15.42	-19.6
16	0	257.0	10	0.0	0.0	13.73	0.0	0.00	0.0
16	1	258.9	10	22.1	0.0	12.48	22.1	-0.43	6.8
16	2	260.7	10	36.7	0.0	10.05	36.0	-3.14	29.4
16	3	262.6	10	44.1	0.0	7.75	42.4	-5.57	39.5
16	4	264.4	10	45.2	0.0	6.14	42.2	-7.32	42.3
16	5	266.3	10	40.6	0.0	4.21	36.8	-9.49	38.7
16	6	268.1	10	31.5	0.0	2.59	27.7	-11.41	30.0
16	7	270.0	10	20.2	-2.5	1.58	15.8	-12.67	18.2
16	8	271.8	10	8.9	-15.7	0.44	5.3	-14.04	5.3
16	9	273.7	10	1.4	-34.1	0.05	0.7	-15.01	-6.3
16	10	275.5	10	0.0	-55.2	0.00	0.0	-15.44	-20.1
17	0	275.5	10	0.0	0.0	13.73	0.0	0.00	0.0
17	1	277.4	10	22.1	0.0	12.48	22.1	-0.43	6.8
17	2	279.2	10	36.7	0.0	10.05	36.0	-3.14	29.4
17	3	281.1	10	44.1	0.0	7.75	42.4	-5.57	39.5
17	4	282.9	10	45.2	0.0	6.14	42.2	-7.32	42.3
17	5	284.8	10	40.6	0.0	4.21	36.8	-9.49	38.7
17	6	286.6	10	31.5	0.0	2.59	27.7	-11.41	30.0
17	7	288.5	10	20.2	-2.5	1.58	15.8	-12.67	18.2
17	8	290.3	10	8.9	-15.7	0.44	5.3	-14.04	5.3
17	9	292.2	10	1.4	-34.1	0.05	0.7	-15.01	-6.3
17	10	294.0	10	0.0	-55.2	0.00	0.0	-15.44	-20.1
18	0	294.0	10	0.0	-56.6	15.45	-20.2	0.00	0.0
18	1	295.9	10	1.3	-35.0	15.03	-10.9	-0.02	0.7
18	2	297.8	10	9.0	-16.1	14.11	2.1	-0.29	5.5
18	3	299.7	10	20.9	-2.5	13.17	18.8	-0.77	12.8
18	4	301.6	10	32.5	0.0	11.61	31.0	-2.45	28.7
18	5	303.5	10	41.8	0.0	9.77	40.0	-4.01	38.1
18	6	305.4	10	46.6	0.0	8.22	43.7	-5.38	43.7
18	7	307.3	10	45.4	0.0	6.01	40.9	-7.40	43.8
18	8	309.2	10	37.8	0.0	3.06	25.2	-9.04	35.0
18	9	311.1	10	22.5	0.0	0.00	0.0	-11.36	21.7
18	10	313.0	10	0.0	0.0	0.00	0.0	-13.78	0.0

* =====
[AR:WRK STRESS STL -A] 5403 <Working Stress in Conventional Tension Reinforcement - Part A>
* =====
* Values are for nearest integration point to actual tenth point.
* MOMENT ARM : Distance from center action of concrete compression block to center of action of tension steel.
* C-BLK DEPTH : Distance from extreem fiber of compression block to neutral axis.
* C-BLK CG : Distance from extreem fiber of compression block to CG of compression block.
* CRACK I : Cracked moment of inertia.
* STATIC STRESS : Steel tension stress for unfactored DL+SDL moment.
* ALLOWABLE : FHWA allowable fatigue stress per AASHTO 8.16.8.3
*

SPAN #	TP	DIST (ft)	BOTTOM TENSION STEEL-----							TOP TENSION STEEL-----						
			MOMENT ARM (in)	C-BLK DEPTH (in)	C-BLK CG (in)	CRACK I (in4)	DL (ksi)	SDL (ksi)	ALLOWABLE (ksi)	MOMENT ARM (in)	C-BLK DEPTH (in)	C-BLK CG (in)	CRACK I (in4)	DL (ksi)	SDL (ksi)	ALLOWABLE (ksi)
1	0	0.0	28.51	4.41	1.49	2306	-0.06	-0.05	18.64	28.52	29.11	30.52	10	0.46	0.40	18.32
1	1	0.4	28.51	4.41	1.49	2306	-0.06	-0.05	18.64	28.52	29.11	30.52	10	0.46	0.40	18.32
1	2	0.8	28.51	4.41	1.49	2306	-0.06	-0.05	18.64	28.52	29.11	30.52	10	0.46	0.40	18.32
1	3	1.2	28.92	3.21	1.08	1224	0.04	0.04	18.57	28.60	28.75	30.60	14	-0.17	-0.15	18.70

18	7	307.3	1.30	1.30	1.30	9.90	8.48	7.75	6.99	10.73	-0.00	-0.00	-0.00	-0.00	-0.00
						12.04	6.95	7.00	7.35	6.12	-0.00	-0.00	-0.00	-0.00	-0.00
18	8	309.2	1.30	1.30	1.30	8.39	7.33	6.69	6.04	9.30	-0.00	-0.00	-0.00	-0.00	-0.00
						10.30	5.89	5.89	6.23	5.22	-0.00	-0.00	-0.00	-0.00	-0.00
18	9	311.1	1.30	1.30	1.30	5.29	4.45	4.13	3.66	5.69	-0.00	-0.00	-0.00	-0.00	-0.00
						6.45	3.59	3.64	3.80	3.14	-0.00	-0.00	-0.00	-0.00	-0.00
18	10	313.0	1.30	1.30	1.30	1.49	1.24	1.14	1.02	1.65	-0.00	-0.00	-0.00	-0.00	-0.00
						1.82	0.98	1.00	1.03	0.84	-0.00	-0.00	-0.00	-0.00	-0.00

* =====
[AR:UNFACTORED REACT] 5600 <Unfactored Reactions>
* =====

* TYPE KEYWORDS - DEAD = Dead Load Reactions
* SDL = Superimposed Dead Load Reactions
* PS = Prestress Reactions
* UNL = Uniform Load of (1) KIP per FOOT across bridge
* Txxx = Truck Load Reactions, where "xxx" is the truck number.
*

SUPPORT LOCATION (Ft)	TYPE	MAXIMUM REACTION (K)	MINIMUM REACTION (K)	TRUCK NAME
0.00	DEAD	1.895		
0.00	SDL	1.660		
0.00	UNL	2.000		
0.00	PS	0.000		
0.00	T001	25.500	0.000	HS20 36 TONS
0.00	T002	15.300	0.000	AASHTO 1 25 TONS
0.00	T003	15.500	0.000	AASHTO 2 36 TONS
0.00	T004	14.000	0.000	AASHTO 3 40 TONS
0.00	T005	21.499	0.000	OL 1 48 TONS
0.00	T006	21.500	0.000	OL 2 103.5 TONS
0.00	T007	17.850	0.000	TROLLEY
0.00	T008	18.009	0.000	GMC T8H603
0.00	T009	18.886	0.000	FLEXIBLE 870
0.00	T010	15.698	0.000	ARTICULATING-SG310
4.00	DEAD	9.298		
4.00	SDL	8.144		
4.00	UNL	9.813		
4.00	PS	0.000		
4.00	T001	31.560	0.000	HS20 36 TONS
4.00	T002	30.895	0.000	AASHTO 1 25 TONS
4.00	T003	28.169	0.000	AASHTO 2 36 TONS
4.00	T004	25.443	0.000	AASHTO 3 40 TONS
4.00	T005	39.073	0.000	OL 1 48 TONS
4.00	T006	46.149	0.000	OL 2 103.5 TONS
4.00	T007	22.134	0.000	TROLLEY
4.00	T008	22.320	0.000	GMC T8H603
4.00	T009	23.418	0.000	FLEXIBLE 870
4.00	T010	19.429	0.000	ARTICULATING-SG310
16.50	DEAD	15.245		
16.50	SDL	13.399		
16.50	UNL	16.143		
16.50	PS	0.000		
16.50	T001	42.129	0.000	HS20 36 TONS
16.50	T002	32.207	0.000	AASHTO 1 25 TONS
16.50	T003	32.046	0.000	AASHTO 2 36 TONS
16.50	T004	26.523	0.000	AASHTO 3 40 TONS
16.50	T005	47.231	0.000	OL 1 48 TONS
16.50	T006	55.264	0.000	OL 2 103.5 TONS
16.50	T007	24.782	0.000	TROLLEY
16.50	T008	22.402	0.000	GMC T8H603
16.50	T009	23.478	0.000	FLEXIBLE 870
16.50	T010	19.557	0.000	ARTICULATING-SG310
35.00	DEAD	17.478		
35.00	SDL	15.355		
35.00	UNL	18.500		
35.00	PS	0.000		
35.00	T001	43.524	0.000	HS20 36 TONS
35.00	T002	33.468	0.000	AASHTO 1 25 TONS
35.00	T003	32.605	0.000	AASHTO 2 36 TONS
35.00	T004	27.294	0.000	AASHTO 3 40 TONS
35.00	T005	51.586	0.000	OL 1 48 TONS
35.00	T006	58.266	0.000	OL 2 103.5 TONS
35.00	T007	24.944	0.000	TROLLEY
35.00	T008	22.420	0.000	GMC T8H603
35.00	T009	23.494	0.000	FLEXIBLE 870
35.00	T010	19.631	0.000	ARTICULATING-SG310
53.50	DEAD	17.432		
53.50	SDL	15.336		
53.50	UNL	18.477		
53.50	PS	0.000		
53.50	T001	43.462	0.000	HS20 36 TONS

53.50	T002	33.452	0.000	AASHTO 1 25 TONS
53.50	T003	32.590	0.000	AASHTO 2 36 TONS
53.50	T004	27.281	0.000	AASHTO 3 40 TONS
53.50	T005	51.508	0.000	OL 1 48 TONS
53.50	T006	58.216	0.000	OL 2 103.5 TONS
53.50	T007	24.931	0.000	TROLLEY
53.50	T008	22.367	0.000	GMC T8H603
53.50	T009	23.497	0.000	FLEXIBLE 870
53.50	T010	19.637	0.000	ARTICULATING-SG310
72.00	DEAD	17.652		
72.00	SDL	15.463		
72.00	UNL	18.630		
72.00	PS	0.000		
72.00	T001	43.759	0.000	HS20 36 TONS
72.00	T002	33.624	0.000	AASHTO 1 25 TONS
72.00	T003	32.739	0.000	AASHTO 2 36 TONS
72.00	T004	27.414	0.000	AASHTO 3 40 TONS
72.00	T005	51.919	0.000	OL 1 48 TONS
72.00	T006	58.599	0.000	OL 2 103.5 TONS
72.00	T007	25.002	0.000	TROLLEY
72.00	T008	22.377	0.000	GMC T8H603
72.00	T009	23.510	0.000	FLEXIBLE 870
72.00	T010	19.659	0.000	ARTICULATING-SG310
90.50	DEAD	17.330		
90.50	SDL	15.298		
90.50	UNL	18.434		
90.50	PS	0.000		
90.50	T001	43.519	0.000	HS20 36 TONS
90.50	T002	33.397	0.000	AASHTO 1 25 TONS
90.50	T003	32.623	0.000	AASHTO 2 36 TONS
90.50	T004	27.240	0.000	AASHTO 3 40 TONS
90.50	T005	51.484	0.000	OL 1 48 TONS
90.50	T006	58.260	0.000	OL 2 103.5 TONS
90.50	T007	24.956	0.000	TROLLEY
90.50	T008	22.367	0.000	GMC T8H603
90.50	T009	23.499	0.000	FLEXIBLE 870
90.50	T010	19.620	0.000	ARTICULATING-SG310
109.00	DEAD	17.562		
109.00	SDL	15.619		
109.00	UNL	18.566		
109.00	PS	0.000		
109.00	T001	43.722	0.000	HS20 36 TONS
109.00	T002	33.584	0.000	AASHTO 1 25 TONS
109.00	T003	32.727	0.000	AASHTO 2 36 TONS
109.00	T004	27.389	0.000	AASHTO 3 40 TONS
109.00	T005	51.800	0.000	OL 1 48 TONS
109.00	T006	58.510	0.000	OL 2 103.5 TONS
109.00	T007	24.999	0.000	TROLLEY
109.00	T008	22.375	0.000	GMC T8H603
109.00	T009	23.510	0.000	FLEXIBLE 870
109.00	T010	19.654	0.000	ARTICULATING-SG310
127.50	DEAD	15.339		
127.50	SDL	13.436		
127.50	UNL	16.188		
127.50	PS	0.000		
127.50	T001	36.745	0.000	HS20 36 TONS
127.50	T002	32.301	0.000	AASHTO 1 25 TONS
127.50	T003	30.836	0.000	AASHTO 2 36 TONS
127.50	T004	26.364	0.000	AASHTO 3 40 TONS
127.50	T005	45.526	0.000	OL 1 48 TONS
127.50	T006	53.941	0.000	OL 2 103.5 TONS
127.50	T007	23.070	0.000	TROLLEY
127.50	T008	22.297	0.000	GMC T8H603
127.50	T009	23.401	0.000	FLEXIBLE 870
127.50	T010	19.468	0.000	ARTICULATING-SG310
146.00	DEAD	17.530		
146.00	SDL	15.355		
146.00	UNL	18.500		
146.00	PS	0.000		
146.00	T001	43.343	0.000	HS20 36 TONS
146.00	T002	33.392	0.000	AASHTO 1 25 TONS
146.00	T003	32.642	0.000	AASHTO 2 36 TONS
146.00	T004	27.158	0.000	AASHTO 3 40 TONS
146.00	T005	51.179	0.000	OL 1 48 TONS
146.00	T006	58.641	0.000	OL 2 103.5 TONS
146.00	T007	24.060	0.000	TROLLEY
146.00	T008	22.475	0.000	GMC T8H603
146.00	T009	23.592	0.000	FLEXIBLE 870
146.00	T010	19.661	0.000	ARTICULATING-SG310
164.50	DEAD	15.339		
164.50	SDL	13.436		
164.50	UNL	16.188		
164.50	PS	0.000		
164.50	T001	36.745	0.000	HS20 36 TONS

164.50	T002	32.301	0.000	AASHTO 1 25 TONS
164.50	T003	30.836	0.000	AASHTO 2 36 TONS
164.50	T004	26.364	0.000	AASHTO 3 40 TONS
164.50	T005	45.526	0.000	OL 1 48 TONS
164.50	T006	53.941	0.000	OL 2 103.5 TONS
164.50	T007	23.070	0.000	TROLLEY
164.50	T008	22.297	0.000	GMC T8H603
164.50	T009	23.401	0.000	FLEXIBLE 870
164.50	T010	19.468	0.000	ARTICULATING-SG310
183.00	DEAD	17.530		
183.00	SDL	15.355		
183.00	UNL	18.500		
183.00	PS	0.000		
183.00	T001	43.657	0.000	HS20 36 TONS
183.00	T002	33.501	0.000	AASHTO 1 25 TONS
183.00	T003	32.711	0.000	AASHTO 2 36 TONS
183.00	T004	27.326	0.000	AASHTO 3 40 TONS
183.00	T005	51.649	0.000	OL 1 48 TONS
183.00	T006	58.425	0.000	OL 2 103.5 TONS
183.00	T007	24.994	0.000	TROLLEY
183.00	T008	22.373	0.000	GMC T8H603
183.00	T009	23.509	0.000	FLEXIBLE 870
183.00	T010	19.640	0.000	ARTICULATING-SG310
201.50	DEAD	17.652		
201.50	SDL	15.463		
201.50	UNL	18.630		
201.50	PS	0.000		
201.50	T001	43.759	0.000	HS20 36 TONS
201.50	T002	33.624	0.000	AASHTO 1 25 TONS
201.50	T003	32.739	0.000	AASHTO 2 36 TONS
201.50	T004	27.414	0.000	AASHTO 3 40 TONS
201.50	T005	51.919	0.000	OL 1 48 TONS
201.50	T006	58.599	0.000	OL 2 103.5 TONS
201.50	T007	25.002	0.000	TROLLEY
201.50	T008	22.377	0.000	GMC T8H603
201.50	T009	23.510	0.000	FLEXIBLE 870
201.50	T010	19.659	0.000	ARTICULATING-SG310
220.00	DEAD	17.452		
220.00	SDL	15.355		
220.00	UNL	18.500		
220.00	PS	0.000		
220.00	T001	43.476	0.000	HS20 36 TONS
220.00	T002	33.465	0.000	AASHTO 1 25 TONS
220.00	T003	32.596	0.000	AASHTO 2 36 TONS
220.00	T004	27.283	0.000	AASHTO 3 40 TONS
220.00	T005	51.557	0.000	OL 1 48 TONS
220.00	T006	58.250	0.000	OL 2 103.5 TONS
220.00	T007	24.933	0.000	TROLLEY
220.00	T008	22.368	0.000	GMC T8H603
220.00	T009	23.497	0.000	FLEXIBLE 870
220.00	T010	19.633	0.000	ARTICULATING-SG310
238.50	DEAD	17.432		
238.50	SDL	15.336		
238.50	UNL	18.477		
238.50	PS	0.000		
238.50	T001	43.462	0.000	HS20 36 TONS
238.50	T002	33.452	0.000	AASHTO 1 25 TONS
238.50	T003	32.590	0.000	AASHTO 2 36 TONS
238.50	T004	27.281	0.000	AASHTO 3 40 TONS
238.50	T005	51.508	0.000	OL 1 48 TONS
238.50	T006	58.216	0.000	OL 2 103.5 TONS
238.50	T007	24.931	0.000	TROLLEY
238.50	T008	22.367	0.000	GMC T8H603
238.50	T009	23.497	0.000	FLEXIBLE 870
238.50	T010	19.637	0.000	ARTICULATING-SG310
257.00	DEAD	17.377		
257.00	SDL	15.266		
257.00	UNL	18.393		
257.00	PS	0.000		
257.00	T001	43.437	0.000	HS20 36 TONS
257.00	T002	33.359	0.000	AASHTO 1 25 TONS
257.00	T003	32.584	0.000	AASHTO 2 36 TONS
257.00	T004	27.209	0.000	AASHTO 3 40 TONS
257.00	T005	51.366	0.000	OL 1 48 TONS
257.00	T006	58.126	0.000	OL 2 103.5 TONS
257.00	T007	24.938	0.000	TROLLEY
257.00	T008	22.362	0.000	GMC T8H603
257.00	T009	23.493	0.000	FLEXIBLE 870
257.00	T010	19.608	0.000	ARTICULATING-SG310
275.50	DEAD	17.530		
275.50	SDL	15.355		
275.50	UNL	18.500		
275.50	PS	0.000		
275.50	T001	43.657	0.000	HS20 36 TONS

275.50	T002	33.501	0.000	AASHTO 1 25	TONS
275.50	T003	32.711	0.000	AASHTO 2 36	TONS
275.50	T004	27.306	0.000	AASHTO 3 40	TONS
275.50	T005	51.649	0.000	OL 1 48	TONS
275.50	T006	58.425	0.000	OL 2 103.5	TONS
275.50	T007	24.994	0.000	TROLLEY	
275.50	T008	22.373	0.000	GMC T8H603	
275.50	T009	23.509	0.000	FLEXIBLE 870	
275.50	T010	19.640	0.000	ARTICULATING-SG310	
294.00	DEAD	22.209			
294.00	SDL	19.453			
294.00	UNL	23.438			
294.00	PS	0.000			
294.00	T001	52.194	0.000	HS20 36	TONS
294.00	T002	38.579	0.000	AASHTO 1 25	TONS
294.00	T003	35.895	0.000	AASHTO 2 36	TONS
294.00	T004	32.122	0.000	AASHTO 3 40	TONS
294.00	T005	65.375	0.000	OL 1 48	TONS
294.00	T006	66.087	0.000	OL 2 103.5	TONS
294.00	T007	27.396	0.000	TROLLEY	
294.00	T008	22.552	0.000	GMC T8H603	
294.00	T009	23.647	0.000	FLEXIBLE 870	
294.00	T010	24.091	0.000	ARTICULATING-SG310	
313.00	DEAD	6.751			
313.00	SDL	5.914			
313.00	UNL	7.125			
313.00	PS	0.000			
313.00	T001	33.808	0.000	HS20 36	TONS
313.00	T002	27.396	0.000	AASHTO 1 25	TONS
313.00	T003	25.598	0.000	AASHTO 2 36	TONS
313.00	T004	23.081	0.000	AASHTO 3 40	TONS
313.00	T005	37.650	0.000	OL 1 48	TONS
313.00	T006	40.887	0.000	OL 2 103.5	TONS
313.00	T007	21.656	0.000	TROLLEY	
313.00	T008	20.820	0.000	GMC T8H603	
313.00	T009	21.833	0.000	FLEXIBLE 870	
313.00	T010	18.236	0.000	ARTICULATING-SG310	

* =====
[AR:NODE FORCE/DISP] 5601 <Unfactored FEM Nodal forces and displacements >
* =====

NODE #	LOAD CASE	-NODE COORDINATES-		----- DISPLACEMENTS -----			----- FORCES -----		
		X(ft)	Y(ft)	X (in)	Y(in)	ROT(rad)	X(kip)	Y(kips)	M(k-f)
1	DEAD STAGE 1	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	DEAD STAGE 2	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	DEAD STAGE 3	0.00	0.00	0.000000	0.000000	0.000000	0.00	1.90	1.26
1	SUPER. DL	0.00	0.00	0.000000	0.000000	0.000000	0.00	1.66	1.11
1	PS - STAGE 1	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	PS - STAGE 2	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	PS - STAGE 3	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	PS - STAGE 4	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 1 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	25.50	15.25
1	Truck 1 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 2 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	15.30	8.93
1	Truck 2 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 3 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	15.50	9.69
1	Truck 3 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 4 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	14.00	8.75
1	Truck 4 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 5 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	21.50	13.44
1	Truck 5 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 6 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	21.50	13.44
1	Truck 6 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 7 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	17.85	10.56
1	Truck 7 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 8 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	18.01	10.76
1	Truck 8 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 9 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	18.89	11.17
1	Truck 9 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
1	Truck 10 Max	0.00	0.00	0.000000	0.000000	0.000000	0.00	15.70	9.39
1	Truck 10 Min	0.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
2	DEAD STAGE 1	4.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
2	DEAD STAGE 2	4.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
2	DEAD STAGE 3	4.00	0.00	0.000000	0.000000	0.000000	0.00	9.30	17.24
2	SUPER. DL	4.00	0.00	0.000000	0.000000	0.000000	0.00	8.14	15.10
2	PS - STAGE 1	4.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
2	PS - STAGE 2	4.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
2	PS - STAGE 3	4.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
2	PS - STAGE 4	4.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
2	Truck 1 Max	4.00	0.00	0.000000	0.000000	0.000000	0.00	31.56	75.80
2	Truck 1 Min	4.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-15.25
2	Truck 2 Max	4.00	0.00	0.000000	0.000000	0.000000	0.00	30.89	71.40
2	Truck 2 Min	4.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-8.10
2	Truck 3 Max	4.00	0.00	0.000000	0.000000	0.000000	0.00	28.17	65.10

2	Truck 3 Min	4.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-9.69
2	Truck 4 Max	4.00	0.00	0.000000	0.000000	0.0000000	0.00	25.44	58.80
2	Truck 4 Min	4.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-8.75
2	Truck 5 Max	4.00	0.00	0.000000	0.000000	0.0000000	0.00	39.07	90.30
2	Truck 5 Min	4.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-10.25
2	Truck 6 Max	4.00	0.00	0.000000	0.000000	0.0000000	0.00	46.15	90.37
2	Truck 6 Min	4.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-13.44
2	Truck 7 Max	4.00	0.00	0.000000	0.000000	0.0000000	0.00	22.13	53.09
2	Truck 7 Min	4.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-10.40
2	Truck 8 Max	4.00	0.00	0.000000	0.000000	0.0000000	0.00	22.32	53.58
2	Truck 8 Min	4.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-10.76
2	Truck 9 Max	4.00	0.00	0.000000	0.000000	0.0000000	0.00	23.42	56.17
2	Truck 9 Min	4.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-11.00
2	Truck 10 Max	4.00	0.00	0.000000	0.000000	0.0000000	0.00	19.43	46.67
2	Truck 10 Min	4.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-9.39
3	DEAD STAGE 1	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	DEAD STAGE 2	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	DEAD STAGE 3	16.50	0.00	0.000000	0.000000	0.0000000	0.00	15.25	38.62
3	SUPER. DL	16.50	0.00	0.000000	0.000000	0.0000000	0.00	13.40	33.87
3	PS - STAGE 1	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	PS - STAGE 2	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	PS - STAGE 3	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	PS - STAGE 4	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 1 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	42.13	107.65
3	Truck 1 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 2 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	32.21	108.48
3	Truck 2 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 3 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	32.05	98.91
3	Truck 3 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 4 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	26.52	89.34
3	Truck 4 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 5 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	47.23	137.20
3	Truck 5 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 6 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	55.26	173.29
3	Truck 6 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 7 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	24.78	75.39
3	Truck 7 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 8 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	22.40	76.05
3	Truck 8 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 9 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	23.48	79.76
3	Truck 9 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
3	Truck 10 Max	16.50	0.00	0.000000	0.000000	0.0000000	0.00	19.56	66.27
3	Truck 10 Min	16.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	DEAD STAGE 1	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	DEAD STAGE 2	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	DEAD STAGE 3	35.00	0.00	0.000000	0.000000	0.0000000	0.00	17.48	38.62
4	SUPER. DL	35.00	0.00	0.000000	0.000000	0.0000000	0.00	15.35	33.87
4	PS - STAGE 1	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	PS - STAGE 2	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	PS - STAGE 3	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	PS - STAGE 4	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 1 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	43.52	107.65
4	Truck 1 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 2 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	33.47	108.48
4	Truck 2 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 3 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	32.61	98.91
4	Truck 3 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 4 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	27.29	89.34
4	Truck 4 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 5 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	51.59	137.20
4	Truck 5 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 6 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	58.27	173.29
4	Truck 6 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 7 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	24.94	75.39
4	Truck 7 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 8 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	22.42	76.05
4	Truck 8 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 9 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	23.49	79.76
4	Truck 9 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
4	Truck 10 Max	35.00	0.00	0.000000	0.000000	0.0000000	0.00	19.63	66.27
4	Truck 10 Min	35.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	DEAD STAGE 1	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	DEAD STAGE 2	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	DEAD STAGE 3	53.50	0.00	0.000000	0.000000	0.0000000	0.00	17.43	38.17
5	SUPER. DL	53.50	0.00	0.000000	0.000000	0.0000000	0.00	15.34	33.52
5	PS - STAGE 1	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	PS - STAGE 2	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	PS - STAGE 3	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	PS - STAGE 4	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 1 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	43.46	106.33
5	Truck 1 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 2 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	33.45	107.22
5	Truck 2 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 3 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	32.59	97.76
5	Truck 3 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 4 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	27.28	88.30
5	Truck 4 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00

5	Truck 5 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	51.51	135.61
5	Truck 5 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 6 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	58.22	171.53
5	Truck 6 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 7 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	24.93	74.49
5	Truck 7 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 8 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	22.37	75.13
5	Truck 8 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 9 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	23.50	78.81
5	Truck 9 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
5	Truck 10 Max	53.50	0.00	0.000000	0.000000	0.0000000	0.00	19.64	65.46
5	Truck 10 Min	53.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	DEAD STAGE 1	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	DEAD STAGE 2	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	DEAD STAGE 3	72.00	0.00	0.000000	0.000000	0.0000000	0.00	17.65	40.54
6	SUPER. DL	72.00	0.00	0.000000	0.000000	0.0000000	0.00	15.46	35.51
6	PS - STAGE 1	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	PS - STAGE 2	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	PS - STAGE 3	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	PS - STAGE 4	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 1 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	43.76	113.15
6	Truck 1 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 2 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	33.62	113.96
6	Truck 2 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 3 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	32.74	103.90
6	Truck 3 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 4 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	27.41	93.85
6	Truck 4 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 5 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	51.92	144.12
6	Truck 5 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 6 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	58.60	181.81
6	Truck 6 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 7 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	25.00	79.23
6	Truck 7 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 8 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	22.38	79.93
6	Truck 8 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 9 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	23.51	83.82
6	Truck 9 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
6	Truck 10 Max	72.00	0.00	0.000000	0.000000	0.0000000	0.00	19.66	69.66
6	Truck 10 Min	72.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	DEAD STAGE 1	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	DEAD STAGE 2	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	DEAD STAGE 3	90.50	0.00	0.000000	0.000000	0.0000000	0.00	17.33	38.99
7	SUPER. DL	90.50	0.00	0.000000	0.000000	0.0000000	0.00	15.30	34.49
7	PS - STAGE 1	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	PS - STAGE 2	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	PS - STAGE 3	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	PS - STAGE 4	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 1 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	43.52	110.23
7	Truck 1 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 2 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	33.40	110.77
7	Truck 2 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 3 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	32.62	101.00
7	Truck 3 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 4 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	27.24	91.22
7	Truck 4 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 5 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	51.48	140.09
7	Truck 5 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 6 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	58.26	176.41
7	Truck 6 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 7 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	24.96	77.13
7	Truck 7 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 8 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	22.37	77.85
7	Truck 8 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 9 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	23.50	81.61
7	Truck 9 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
7	Truck 10 Max	90.50	0.00	0.000000	0.000000	0.0000000	0.00	19.62	67.86
7	Truck 10 Min	90.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	DEAD STAGE 1	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	DEAD STAGE 2	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	DEAD STAGE 3	109.00	0.00	0.000000	0.000000	0.0000000	0.00	17.56	40.54
8	SUPER. DL	109.00	0.00	0.000000	0.000000	0.0000000	0.00	15.62	35.51
8	PS - STAGE 1	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	PS - STAGE 2	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	PS - STAGE 3	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	PS - STAGE 4	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	Truck 1 Max	109.00	0.00	0.000000	0.000000	0.0000000	0.00	43.72	113.15
8	Truck 1 Min	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	Truck 2 Max	109.00	0.00	0.000000	0.000000	0.0000000	0.00	33.58	113.96
8	Truck 2 Min	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	Truck 3 Max	109.00	0.00	0.000000	0.000000	0.0000000	0.00	32.73	103.90
8	Truck 3 Min	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	Truck 4 Max	109.00	0.00	0.000000	0.000000	0.0000000	0.00	27.39	93.85
8	Truck 4 Min	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	Truck 5 Max	109.00	0.00	0.000000	0.000000	0.0000000	0.00	51.80	144.12
8	Truck 5 Min	109.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
8	Truck 6 Max	109.00	0.00	0.000000	0.000000	0.0000000	0.00	58.51	181.81

8	Truck 6 Min	109.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
8	Truck 7 Max	109.00	0.00	0.000000	0.000000	0.000000	0.00	25.00	79.23
8	Truck 7 Min	109.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
8	Truck 8 Max	109.00	0.00	0.000000	0.000000	0.000000	0.00	22.38	79.93
8	Truck 8 Min	109.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
8	Truck 9 Max	109.00	0.00	0.000000	0.000000	0.000000	0.00	23.51	83.82
8	Truck 9 Min	109.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
8	Truck 10 Max	109.00	0.00	0.000000	0.000000	0.000000	0.00	19.65	69.66
8	Truck 10 Min	109.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	DEAD STAGE 1	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	DEAD STAGE 2	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	DEAD STAGE 3	127.50	0.00	0.000000	0.000000	0.000000	0.00	15.34	27.03
9	SUPER. DL	127.50	0.00	0.000000	0.000000	0.000000	0.00	13.44	23.67
9	PS - STAGE 1	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	PS - STAGE 2	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	PS - STAGE 3	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	PS - STAGE 4	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 1 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	36.75	86.77
9	Truck 1 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 2 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	32.30	85.16
9	Truck 2 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 3 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	30.84	77.65
9	Truck 3 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 4 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	26.36	70.13
9	Truck 4 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 5 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	45.53	107.83
9	Truck 5 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 6 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	53.94	127.39
9	Truck 6 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 7 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	23.07	60.59
9	Truck 7 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 8 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	22.30	61.29
9	Truck 8 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 9 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	23.40	64.32
9	Truck 9 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
9	Truck 10 Max	127.50	0.00	0.000000	0.000000	0.000000	0.00	19.47	53.42
9	Truck 10 Min	127.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
10	DEAD STAGE 1	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
10	DEAD STAGE 2	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
10	DEAD STAGE 3	146.00	0.00	0.000000	0.000000	0.000000	0.00	17.53	0.00
10	SUPER. DL	146.00	0.00	0.000000	0.000000	0.000000	0.00	15.35	0.00
10	PS - STAGE 1	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
10	PS - STAGE 2	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
10	PS - STAGE 3	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
10	PS - STAGE 4	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
10	Truck 1 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	43.34	86.70
10	Truck 1 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-86.70
10	Truck 2 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	33.39	85.16
10	Truck 2 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-85.16
10	Truck 3 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	32.64	77.33
10	Truck 3 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-77.33
10	Truck 4 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	27.16	70.13
10	Truck 4 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-70.13
10	Truck 5 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	51.18	107.70
10	Truck 5 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-107.70
10	Truck 6 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	58.64	121.51
10	Truck 6 Min	146.00	0.00	0.000000	-121.51	0.000000	0.00	0.00	-121.51
10	Truck 7 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	24.06	60.59
10	Truck 7 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-60.59
10	Truck 8 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	22.47	61.15
10	Truck 8 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-61.15
10	Truck 9 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	23.59	64.18
10	Truck 9 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-64.18
10	Truck 10 Max	146.00	0.00	0.000000	0.000000	0.000000	0.00	19.66	51.37
10	Truck 10 Min	146.00	0.00	0.000000	0.000000	0.000000	0.00	0.00	-51.37
11	DEAD STAGE 1	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
11	DEAD STAGE 2	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
11	DEAD STAGE 3	164.50	0.00	0.000000	0.000000	0.000000	0.00	15.34	-27.03
11	SUPER. DL	164.50	0.00	0.000000	0.000000	0.000000	0.00	13.44	-23.67
11	PS - STAGE 1	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
11	PS - STAGE 2	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
11	PS - STAGE 3	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
11	PS - STAGE 4	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	0.00
11	Truck 1 Max	164.50	0.00	0.000000	0.000000	0.000000	0.00	36.75	0.00
11	Truck 1 Min	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	-86.77
11	Truck 2 Max	164.50	0.00	0.000000	0.000000	0.000000	0.00	32.30	0.00
11	Truck 2 Min	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	-85.16
11	Truck 3 Max	164.50	0.00	0.000000	0.000000	0.000000	0.00	30.84	0.00
11	Truck 3 Min	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	-77.65
11	Truck 4 Max	164.50	0.00	0.000000	0.000000	0.000000	0.00	26.36	0.00
11	Truck 4 Min	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	-70.13
11	Truck 5 Max	164.50	0.00	0.000000	0.000000	0.000000	0.00	45.53	0.00
11	Truck 5 Min	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	-107.83
11	Truck 6 Max	164.50	0.00	0.000000	0.000000	0.000000	0.00	53.94	0.00
11	Truck 6 Min	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	-127.39
11	Truck 7 Max	164.50	0.00	0.000000	0.000000	0.000000	0.00	23.07	0.00
11	Truck 7 Min	164.50	0.00	0.000000	0.000000	0.000000	0.00	0.00	-60.59

14	Truck 9 Min	220.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-78.81
14	Truck 10 Max	220.00	0.00	0.000000	0.000000	0.0000000	0.00	19.63	0.00
14	Truck 10 Min	220.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-65.46
15	DEAD STAGE 1	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
15	DEAD STAGE 2	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
15	DEAD STAGE 3	238.50	0.00	0.000000	0.000000	0.0000000	0.00	17.43	-38.17
15	SUPER. DL	238.50	0.00	0.000000	0.000000	0.0000000	0.00	15.34	-33.52
15	PS - STAGE 1	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
15	PS - STAGE 2	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
15	PS - STAGE 3	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
15	PS - STAGE 4	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
15	Truck 1 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	43.46	0.00
15	Truck 1 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-106.33
15	Truck 2 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	33.45	0.00
15	Truck 2 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-107.22
15	Truck 3 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	32.59	0.00
15	Truck 3 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-97.76
15	Truck 4 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	27.28	0.00
15	Truck 4 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-88.30
15	Truck 5 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	51.51	0.00
15	Truck 5 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-135.61
15	Truck 6 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	58.22	0.00
15	Truck 6 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-171.53
15	Truck 7 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	24.93	0.00
15	Truck 7 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-74.49
15	Truck 8 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	22.37	0.00
15	Truck 8 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-75.13
15	Truck 9 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	23.50	0.00
15	Truck 9 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-78.81
15	Truck 10 Max	238.50	0.00	0.000000	0.000000	0.0000000	0.00	19.64	0.00
15	Truck 10 Min	238.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-65.46
16	DEAD STAGE 1	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
16	DEAD STAGE 2	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
16	DEAD STAGE 3	257.00	0.00	0.000000	0.000000	0.0000000	0.00	17.38	-38.62
16	SUPER. DL	257.00	0.00	0.000000	0.000000	0.0000000	0.00	15.27	-33.87
16	PS - STAGE 1	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
16	PS - STAGE 2	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
16	PS - STAGE 3	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
16	PS - STAGE 4	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
16	Truck 1 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	43.44	0.00
16	Truck 1 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-107.65
16	Truck 2 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	33.36	0.00
16	Truck 2 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-108.48
16	Truck 3 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	32.58	0.00
16	Truck 3 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-98.91
16	Truck 4 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	27.21	0.00
16	Truck 4 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-89.34
16	Truck 5 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	51.37	0.00
16	Truck 5 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-137.20
16	Truck 6 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	58.13	0.00
16	Truck 6 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-173.29
16	Truck 7 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	24.94	0.00
16	Truck 7 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-75.39
16	Truck 8 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	22.36	0.00
16	Truck 8 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-76.05
16	Truck 9 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	23.49	0.00
16	Truck 9 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-79.76
16	Truck 10 Max	257.00	0.00	0.000000	0.000000	0.0000000	0.00	19.61	0.00
16	Truck 10 Min	257.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-66.27
17	DEAD STAGE 1	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
17	DEAD STAGE 2	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
17	DEAD STAGE 3	275.50	0.00	0.000000	0.000000	0.0000000	0.00	17.53	-40.54
17	SUPER. DL	275.50	0.00	0.000000	0.000000	0.0000000	0.00	15.35	-35.51
17	PS - STAGE 1	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
17	PS - STAGE 2	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
17	PS - STAGE 3	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
17	PS - STAGE 4	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
17	Truck 1 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	43.66	0.00
17	Truck 1 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-113.15
17	Truck 2 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	33.50	0.00
17	Truck 2 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-113.96
17	Truck 3 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	32.71	0.00
17	Truck 3 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-103.90
17	Truck 4 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	27.31	0.00
17	Truck 4 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-93.57
17	Truck 5 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	51.65	0.00
17	Truck 5 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-144.12
17	Truck 6 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	58.43	0.00
17	Truck 6 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-181.81
17	Truck 7 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	24.99	0.00
17	Truck 7 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-79.23
17	Truck 8 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	22.37	0.00
17	Truck 8 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-79.93
17	Truck 9 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	23.51	0.00
17	Truck 9 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-83.82
17	Truck 10 Max	275.50	0.00	0.000000	0.000000	0.0000000	0.00	19.64	0.00
17	Truck 10 Min	275.50	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-69.66

18	DEAD STAGE 1	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
18	DEAD STAGE 2	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
18	DEAD STAGE 3	294.00	0.00	0.000000	0.000000	0.0000000	0.00	22.21	2.22
18	SUPER. DL	294.00	0.00	0.000000	0.000000	0.0000000	0.00	19.45	1.95
18	PS - STAGE 1	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
18	PS - STAGE 2	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
18	PS - STAGE 3	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
18	PS - STAGE 4	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
18	Truck 1 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	52.19	117.34
18	Truck 1 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-113.01
18	Truck 2 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	38.58	117.33
18	Truck 2 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-113.62
18	Truck 3 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	35.90	106.98
18	Truck 3 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-103.90
18	Truck 4 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	32.12	96.62
18	Truck 4 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-93.57
18	Truck 5 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	65.37	148.39
18	Truck 5 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-143.70
18	Truck 6 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	66.09	185.92
18	Truck 6 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-178.82
18	Truck 7 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	27.40	81.34
18	Truck 7 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-79.23
18	Truck 8 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	22.55	82.12
18	Truck 8 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-79.87
18	Truck 9 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	23.65	86.06
18	Truck 9 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-83.82
18	Truck 10 Max	294.00	0.00	0.000000	0.000000	0.0000000	0.00	24.09	57.60
18	Truck 10 Min	294.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	-54.74
19	DEAD STAGE 1	313.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
19	DEAD STAGE 2	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	0.00
19	DEAD STAGE 3	313.00	0.00	0.000000	0.000000	0.0000920	0.00	6.75	-0.00
19	SUPER. DL	313.00	0.00	0.000000	0.000000	0.0000805	0.00	5.91	0.00
19	PS - STAGE 1	313.00	0.00	0.000000	0.000000	0.0000000	0.00	0.00	0.00
19	PS - STAGE 2	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	0.00
19	PS - STAGE 3	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	0.00
19	PS - STAGE 4	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	0.00
19	Truck 1 Max	313.00	0.00	0.000000	0.000000	0.0002871	0.00	33.81	0.00
19	Truck 1 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 2 Max	313.00	0.00	0.000000	0.000000	0.0002830	0.00	27.40	0.00
19	Truck 2 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 3 Max	313.00	0.00	0.000000	0.000000	0.0002583	0.00	25.60	0.00
19	Truck 3 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 4 Max	313.00	0.00	0.000000	0.000000	0.0002331	0.00	23.08	0.00
19	Truck 4 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 5 Max	313.00	0.00	0.000000	0.000000	0.0003583	0.00	37.65	0.00
19	Truck 5 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 6 Max	313.00	0.00	0.000000	0.000000	0.0004289	0.00	40.89	0.00
19	Truck 6 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 7 Max	313.00	0.00	0.000000	0.000000	0.0002015	0.00	21.66	0.00
19	Truck 7 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 8 Max	313.00	0.00	0.000000	0.000000	0.0002030	0.00	20.82	0.00
19	Truck 8 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 9 Max	313.00	0.00	0.000000	0.000000	0.0002132	0.00	21.83	0.00
19	Truck 9 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00
19	Truck 10 Max	313.00	0.00	0.000000	0.000000	0.0001772	0.00	18.24	0.00
19	Truck 10 Min	313.00	0.00	0.000000	0.000000	0.0000000	0.00	-0.00	-0.00

* =====
[AR:SPAN DL DISP] 5602
* =====
* Values are for nearest integration point to actual tenth point.
*

SPAN #	X COOR. TP	DL (in)	SDL (in)	PS (in)	DL+SDL	
					+PS (in)	+CREEP (in)
1	0	0.00	0.00	0.00	0.00	0.00
1	1	0.40	0.00	0.00	0.00	0.00
1	2	0.80	-0.00	-0.00	0.00	-0.00
1	3	1.20	-0.00	-0.00	0.00	-0.00
1	4	1.60	-0.00	-0.00	0.00	-0.00
1	5	2.00	-0.00	-0.00	0.00	-0.00
1	6	2.40	-0.00	-0.00	0.00	-0.00
1	7	2.80	-0.00	-0.00	0.00	-0.00
1	8	3.20	-0.00	-0.00	0.00	-0.00
1	9	3.60	-0.00	-0.00	0.00	-0.00
1	10	4.00	0.00	0.00	0.00	0.00
2	0	4.00	0.00	0.00	0.00	0.00
2	1	5.25	-0.00	-0.00	0.00	-0.00
2	2	6.50	-0.00	-0.00	0.00	-0.00
2	3	7.75	-0.00	-0.00	0.00	-0.00
2	4	9.00	-0.00	-0.00	0.00	-0.00
2	5	10.25	-0.00	-0.00	0.00	-0.00
2	6	11.50	-0.00	-0.00	0.00	-0.00
2	7	12.75	-0.00	-0.00	0.00	-0.00

2	8	14.00	-0.00	-0.00	0.00	-0.00	-0.00
2	9	15.25	-0.00	-0.00	0.00	-0.00	-0.00
2	10	16.50	0.00	0.00	0.00	0.00	0.00
3	0	16.50	0.00	0.00	0.00	0.00	0.00
3	1	18.35	-0.00	-0.00	0.00	-0.00	-0.00
3	2	20.20	-0.00	-0.00	0.00	-0.00	-0.01
3	3	22.05	-0.00	-0.00	0.00	-0.01	-0.01
3	4	23.90	-0.00	-0.00	0.00	-0.01	-0.02
3	5	25.75	-0.00	-0.00	0.00	-0.01	-0.02
3	6	27.60	-0.01	-0.00	0.00	-0.01	-0.02
3	7	29.45	-0.00	-0.00	0.00	-0.01	-0.02
3	8	31.30	-0.00	-0.00	0.00	-0.01	-0.01
3	9	33.15	-0.00	-0.00	0.00	-0.00	-0.01
3	10	35.00	0.00	0.00	0.00	0.00	0.00
4	0	35.00	0.00	0.00	0.00	0.00	0.00
4	1	36.85	-0.00	-0.00	0.00	-0.00	-0.00
4	2	38.70	-0.00	-0.00	0.00	-0.00	-0.01
4	3	40.55	-0.00	-0.00	0.00	-0.01	-0.01
4	4	42.40	-0.00	-0.00	0.00	-0.01	-0.02
4	5	44.25	-0.00	-0.00	0.00	-0.01	-0.02
4	6	46.10	-0.01	-0.00	0.00	-0.01	-0.02
4	7	47.95	-0.00	-0.00	0.00	-0.01	-0.02
4	8	49.80	-0.00	-0.00	0.00	-0.01	-0.01
4	9	51.65	-0.00	-0.00	0.00	-0.00	-0.01
4	10	53.50	-0.00	-0.00	0.00	-0.00	-0.00
5	0	53.50	0.00	0.00	0.00	0.00	0.00
5	1	55.35	-0.00	-0.00	0.00	-0.00	-0.00
5	2	57.20	-0.00	-0.00	0.00	-0.00	-0.01
5	3	59.05	-0.00	-0.00	0.00	-0.01	-0.01
5	4	60.90	-0.00	-0.00	0.00	-0.01	-0.02
5	5	62.75	-0.00	-0.00	0.00	-0.01	-0.02
5	6	64.60	-0.01	-0.00	0.00	-0.01	-0.02
5	7	66.45	-0.00	-0.00	0.00	-0.01	-0.02
5	8	68.30	-0.00	-0.00	0.00	-0.01	-0.01
5	9	70.15	-0.00	-0.00	0.00	-0.00	-0.01
5	10	72.00	-0.00	-0.00	0.00	-0.00	-0.00
6	0	72.00	0.00	0.00	0.00	0.00	0.00
6	1	73.85	-0.00	-0.00	0.00	-0.00	-0.00
6	2	75.70	-0.00	-0.00	0.00	-0.00	-0.01
6	3	77.55	-0.00	-0.00	0.00	-0.01	-0.01
6	4	79.40	-0.00	-0.00	0.00	-0.01	-0.01
6	5	81.25	-0.00	-0.00	0.00	-0.01	-0.02
6	6	83.10	-0.00	-0.00	0.00	-0.01	-0.02
6	7	84.95	-0.00	-0.00	0.00	-0.01	-0.02
6	8	86.80	-0.00	-0.00	0.00	-0.01	-0.01
6	9	88.65	-0.00	-0.00	0.00	-0.00	-0.01
6	10	90.50	-0.00	-0.00	0.00	-0.00	-0.00
7	0	90.50	0.00	0.00	0.00	0.00	0.00
7	1	92.35	-0.00	-0.00	0.00	-0.00	-0.00
7	2	94.20	-0.00	-0.00	0.00	-0.00	-0.01
7	3	96.05	-0.00	-0.00	0.00	-0.01	-0.01
7	4	97.90	-0.00	-0.00	0.00	-0.01	-0.02
7	5	99.75	-0.01	-0.00	0.00	-0.01	-0.02
7	6	101.60	-0.01	-0.00	0.00	-0.01	-0.02
7	7	103.45	-0.01	-0.00	0.00	-0.01	-0.02
7	8	105.30	-0.00	-0.00	0.00	-0.01	-0.01
7	9	107.15	-0.00	-0.00	0.00	-0.00	-0.01
7	10	109.00	-0.00	-0.00	0.00	-0.00	-0.00
8	0	109.00	0.00	0.00	0.00	0.00	0.00
8	1	110.85	-0.00	-0.00	0.00	-0.00	-0.00
8	2	112.70	-0.00	-0.00	0.00	-0.00	-0.01
8	3	114.55	-0.00	-0.00	0.00	-0.01	-0.01
8	4	116.40	-0.00	-0.00	0.00	-0.01	-0.01
8	5	118.25	-0.00	-0.00	0.00	-0.01	-0.02
8	6	120.10	-0.00	-0.00	0.00	-0.01	-0.02
8	7	121.95	-0.00	-0.00	0.00	-0.01	-0.02
8	8	123.80	-0.00	-0.00	0.00	-0.01	-0.01
8	9	125.65	-0.00	-0.00	0.00	-0.00	-0.01
8	10	127.50	-0.00	-0.00	0.00	-0.00	-0.00
9	0	127.50	0.00	0.00	0.00	0.00	0.00
9	1	129.35	-0.00	-0.00	0.00	-0.00	-0.00
9	2	131.20	-0.00	-0.00	0.00	-0.00	-0.00
9	3	133.05	-0.00	-0.00	0.00	-0.00	-0.01
9	4	134.90	-0.00	-0.00	0.00	-0.00	-0.01
9	5	136.75	-0.00	-0.00	0.00	-0.00	-0.01
9	6	138.60	-0.00	-0.00	0.00	-0.00	-0.01
9	7	140.45	-0.00	-0.00	0.00	-0.00	-0.01
9	8	142.30	-0.00	-0.00	0.00	-0.00	-0.00
9	9	144.15	-0.00	-0.00	0.00	-0.00	-0.00
9	10	146.00	0.00	0.00	0.00	0.00	0.00
10	0	146.00	0.00	0.00	0.00	0.00	0.00
10	1	147.85	-0.00	-0.00	0.00	-0.00	-0.00

10	2	149.70	-0.00	-0.00	0.00	-0.00	-0.00
10	3	151.55	-0.00	-0.00	0.00	-0.00	-0.01
10	4	153.40	-0.00	-0.00	0.00	-0.00	-0.01
10	5	155.25	-0.00	-0.00	0.00	-0.00	-0.01
10	6	157.10	-0.00	-0.00	0.00	-0.00	-0.01
10	7	158.95	-0.00	-0.00	0.00	-0.00	-0.01
10	8	160.80	-0.00	-0.00	0.00	-0.00	-0.00
10	9	162.65	-0.00	-0.00	0.00	-0.00	-0.00
10	10	164.50	0.00	0.00	0.00	0.00	0.00
11	0	164.50	0.00	0.00	0.00	0.00	0.00
11	1	166.35	-0.00	-0.00	0.00	-0.00	-0.01
11	2	168.20	-0.00	-0.00	0.00	-0.01	-0.01
11	3	170.05	-0.00	-0.00	0.00	-0.01	-0.02
11	4	171.90	-0.00	-0.00	0.00	-0.01	-0.02
11	5	173.75	-0.00	-0.00	0.00	-0.01	-0.02
11	6	175.60	-0.00	-0.00	0.00	-0.01	-0.02
11	7	177.45	-0.00	-0.00	0.00	-0.01	-0.01
11	8	179.30	-0.00	-0.00	0.00	-0.00	-0.01
11	9	181.15	-0.00	-0.00	0.00	-0.00	-0.00
11	10	183.00	0.00	0.00	0.00	0.00	0.00
12	0	183.00	0.00	0.00	0.00	0.00	0.00
12	1	184.85	-0.00	-0.00	0.00	-0.00	-0.01
12	2	186.70	-0.00	-0.00	0.00	-0.01	-0.01
12	3	188.55	-0.00	-0.00	0.00	-0.01	-0.02
12	4	190.40	-0.00	-0.00	0.00	-0.01	-0.02
12	5	192.25	-0.00	-0.00	0.00	-0.01	-0.02
12	6	194.10	-0.00	-0.00	0.00	-0.01	-0.02
12	7	195.95	-0.00	-0.00	0.00	-0.01	-0.01
12	8	197.80	-0.00	-0.00	0.00	-0.00	-0.01
12	9	199.65	-0.00	-0.00	0.00	-0.00	-0.00
12	10	201.50	0.00	0.00	0.00	0.00	0.00
13	0	201.50	0.00	0.00	0.00	0.00	0.00
13	1	203.35	-0.00	-0.00	0.00	-0.00	-0.01
13	2	205.20	-0.00	-0.00	0.00	-0.01	-0.01
13	3	207.05	-0.00	-0.00	0.00	-0.01	-0.02
13	4	208.90	-0.01	-0.00	0.00	-0.01	-0.02
13	5	210.75	-0.01	-0.00	0.00	-0.01	-0.02
13	6	212.60	-0.00	-0.00	0.00	-0.01	-0.02
13	7	214.45	-0.00	-0.00	0.00	-0.01	-0.01
13	8	216.30	-0.00	-0.00	0.00	-0.00	-0.01
13	9	218.15	-0.00	-0.00	0.00	-0.00	-0.00
13	10	220.00	0.00	0.00	0.00	0.00	0.00
14	0	220.00	0.00	0.00	0.00	0.00	0.00
14	1	221.85	-0.00	-0.00	0.00	-0.00	-0.01
14	2	223.70	-0.00	-0.00	0.00	-0.01	-0.01
14	3	225.55	-0.00	-0.00	0.00	-0.01	-0.02
14	4	227.40	-0.01	-0.00	0.00	-0.01	-0.02
14	5	229.25	-0.01	-0.00	0.00	-0.01	-0.02
14	6	231.10	-0.00	-0.00	0.00	-0.01	-0.02
14	7	232.95	-0.00	-0.00	0.00	-0.01	-0.01
14	8	234.80	-0.00	-0.00	0.00	-0.00	-0.01
14	9	236.65	-0.00	-0.00	0.00	-0.00	-0.00
14	10	238.50	0.00	0.00	0.00	0.00	0.00
15	0	238.50	0.00	0.00	0.00	0.00	0.00
15	1	240.35	-0.00	-0.00	0.00	-0.00	-0.01
15	2	242.20	-0.00	-0.00	0.00	-0.01	-0.01
15	3	244.05	-0.00	-0.00	0.00	-0.01	-0.02
15	4	245.90	-0.01	-0.00	0.00	-0.01	-0.02
15	5	247.75	-0.01	-0.00	0.00	-0.01	-0.02
15	6	249.60	-0.00	-0.00	0.00	-0.01	-0.02
15	7	251.45	-0.00	-0.00	0.00	-0.01	-0.01
15	8	253.30	-0.00	-0.00	0.00	-0.00	-0.01
15	9	255.15	-0.00	-0.00	0.00	-0.00	-0.00
15	10	257.00	0.00	0.00	0.00	0.00	0.00
16	0	257.00	0.00	0.00	0.00	0.00	0.00
16	1	258.85	-0.00	-0.00	0.00	-0.00	-0.01
16	2	260.70	-0.00	-0.00	0.00	-0.01	-0.01
16	3	262.55	-0.00	-0.00	0.00	-0.01	-0.02
16	4	264.40	-0.00	-0.00	0.00	-0.01	-0.02
16	5	266.25	-0.00	-0.00	0.00	-0.01	-0.02
16	6	268.10	-0.00	-0.00	0.00	-0.01	-0.02
16	7	269.95	-0.00	-0.00	0.00	-0.01	-0.01
16	8	271.80	-0.00	-0.00	0.00	-0.00	-0.01
16	9	273.65	-0.00	-0.00	0.00	-0.00	-0.00
16	10	275.50	0.00	0.00	0.00	0.00	0.00
17	0	275.50	0.00	0.00	0.00	0.00	0.00
17	1	277.35	-0.00	-0.00	0.00	-0.00	-0.01
17	2	279.20	-0.00	-0.00	0.00	-0.01	-0.01
17	3	281.05	-0.00	-0.00	0.00	-0.01	-0.02
17	4	282.90	-0.00	-0.00	0.00	-0.01	-0.02
17	5	284.75	-0.00	-0.00	0.00	-0.01	-0.02
17	6	286.60	-0.00	-0.00	0.00	-0.01	-0.02
17	7	288.45	-0.00	-0.00	0.00	-0.01	-0.01

6	10	MIN	0.00	-0.00	-0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00
7	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	10	MIN	0.00	-0.00	-0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00
8	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	10	MIN	0.00	-0.00	-0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00
9	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	10	MIN	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
10	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	10	MIN	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
11	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	10	MIN	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00	-0.00	0.00
12	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	10	MIN	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00	-0.00	0.00
13	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	10	MIN	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00	0.00
14	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	10	MIN	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00	0.00
15	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	10	MIN	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00	0.00
16	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	10	MIN	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00	-0.00	0.00
17	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	10	MIN	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00	-0.00	0.00
18	10	MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	10	MIN	0.00	-0.00	-0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00

* =====
[AR:LOAD RATINGS-FHWA] 5700A <Load Rating Factors per AASHTO-1994 Criteria>
* =====

* NOTES:

- * 1) Controlling Ratings are computed as follows:
SHEAR The lesser value of vertical or horizontal shear ratings.
MOMENT 1) Conventionally reinforced bridges are controlled by the Ultimate rating.
2) Prestress bridges are controlled by either the LESSER of the SERVICE LOAD rating or ULTIMATE rating.

* 2) THE FOLLOWING SYMBOLS MEAN:

- * N/A -- No value computed
* INF -- Value is a large positive number out of range for this printout
* NEG -- Value is a large negative number out of range for this printout

* 3) Values are for nearest integration point to actual tenth point.

SPAN	#	TP	X Coor. (ft)	LC	---- OPERATING ----			---- INVENTORY ----			SRV. MOM	FATIGUE
					VERT	HORIZ	MOMENT	VERT	HORIZ	MOMENT		
*	1		0.0	1	WORST CASE OPERATING		MOMENT RATING =	4.60				
*	1		2.0	1	WORST CASE OPERATING		SHEAR RATING =	8.75				
*	1		0.0	1	WORST CASE INVENTORY		MOMENT RATING =	2.76				
*	1		2.0	1	WORST CASE INVENTORY		SHEAR RATING =	5.24				
	1	0	0.0	1	INF	N/C	4.60	INF	N/C	2.76	N/C	3.66
	1	1	0.4	1	INF	N/C	4.60	INF	N/C	2.76	N/C	3.66
	1	2	0.8	1	INF	N/C	4.60	INF	N/C	2.76	N/C	3.66
	1	3	1.2	1	INF	N/C	38.91	INF	N/C	23.31	N/C	30.75
	1	4	1.6	1	INF	N/C	16.39	INF	N/C	9.82	N/C	12.99
	1	5	2.0	1	8.75	N/C	13.31	5.24	N/C	7.97	N/C	10.56
	1	6	2.4	1	8.75	N/C	13.31	5.24	N/C	7.97	N/C	10.56
	1	7	2.8	1	17.56	N/C	16.39	10.52	N/C	9.82	N/C	12.99
	1	8	3.2	1	INF	N/C	38.91	INF	N/C	23.31	N/C	30.72
	1	9	3.6	1	INF	N/C	22.60	INF	N/C	13.54	N/C	17.87
	1	10	4.0	1	INF	N/C	22.60	INF	N/C	13.54	N/C	17.87
*	2		0.0	1	WORST CASE OPERATING		MOMENT RATING =	1.63				
*	2		0.0	1	WORST CASE OPERATING		SHEAR RATING =	1.74				
*	2		0.0	1	WORST CASE INVENTORY		MOMENT RATING =	0.98				
*	2		0.0	1	WORST CASE INVENTORY		SHEAR RATING =	1.04				
	2	0	4.0	1	1.74	N/C	1.63	1.04	N/C	0.98	N/C	1.50
	2	1	5.3	1	1.74	N/C	2.13	1.04	N/C	1.28	N/C	1.89
	2	2	6.5	1	1.74	N/C	6.15	1.04	N/C	3.69	N/C	4.98
	2	3	7.8	1	1.82	N/C	4.96	1.09	N/C	2.97	N/C	3.98
	2	4	9.0	1	2.26	N/C	5.13	1.35	N/C	3.08	N/C	4.17
	2	5	10.3	1	2.70	N/C	4.01	1.62	N/C	2.40	N/C	3.30
	2	6	11.5	1	3.80	N/C	3.38	2.28	N/C	2.03	N/C	2.81
	2	7	12.8	1	3.99	N/C	3.42	2.39	N/C	2.05	N/C	2.84
	2	8	14.0	1	3.23	N/C	4.26	1.93	N/C	2.55	N/C	3.49

2	9	15.3	1	3.23	N/C	6.29	1.93	N/C	3.77	N/C	5.08	
2	10	16.5	1	3.23	N/C	INF	1.93	N/C	INF	N/C	INF	
* 3		0.0	1	WORST CASE OPERATING				MOMENT RATING =		0.56		
* 3		0.0	1	WORST CASE OPERATING				SHEAR RATING =		1.02		
* 3		0.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.34		
* 3		0.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.61		
3	0	16.5	1	1.02	N/C	0.56	0.61	N/C	0.34	N/C	0.80	
3	1	18.4	1	1.02	N/C	1.04	0.61	N/C	0.62	N/C	1.16	
3	2	20.2	1	1.35	N/C	3.85	0.81	N/C	2.31	N/C	3.23	
3	3	22.1	1	1.69	N/C	4.79	1.01	N/C	2.87	N/C	3.88	
3	4	23.9	1	1.99	N/C	3.07	1.19	N/C	1.84	N/C	2.61	
3	5	25.8	1	2.57	N/C	2.14	1.54	N/C	1.28	N/C	1.91	
3	6	27.6	1	3.52	N/C	1.85	2.11	N/C	1.11	N/C	1.68	
3	7	29.5	1	3.65	N/C	1.86	2.19	N/C	1.12	N/C	1.69	
3	8	31.3	1	2.58	N/C	2.29	1.55	N/C	1.37	N/C	2.02	
3	9	33.2	1	2.26	N/C	4.03	1.35	N/C	2.41	N/C	3.36	
3	10	35.0	1	2.26	N/C	INF	1.35	N/C	INF	N/C	INF	
* 4		0.0	1	WORST CASE OPERATING				MOMENT RATING =		0.56		
* 4		0.0	1	WORST CASE OPERATING				SHEAR RATING =		1.02		
* 4		0.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.34		
* 4		0.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.61		
4	0	35.0	1	1.02	N/C	0.56	0.61	N/C	0.34	N/C	0.80	
4	1	36.8	1	1.02	N/C	1.04	0.61	N/C	0.62	N/C	1.16	
4	2	38.7	1	1.35	N/C	3.85	0.81	N/C	2.31	N/C	3.23	
4	3	40.5	1	1.69	N/C	4.79	1.01	N/C	2.87	N/C	3.88	
4	4	42.4	1	1.99	N/C	3.07	1.19	N/C	1.84	N/C	2.61	
4	5	44.2	1	2.57	N/C	2.14	1.54	N/C	1.28	N/C	1.91	
4	6	46.1	1	3.52	N/C	1.85	2.11	N/C	1.11	N/C	1.68	
4	7	47.9	1	3.65	N/C	1.86	2.19	N/C	1.12	N/C	1.69	
4	8	49.8	1	2.58	N/C	2.29	1.55	N/C	1.37	N/C	2.02	
4	9	51.6	1	2.26	N/C	4.03	1.35	N/C	2.41	N/C	3.36	
4	10	53.5	1	2.26	N/C	15.63	1.35	N/C	9.36	N/C	12.44	
* 5		0.0	1	WORST CASE OPERATING				MOMENT RATING =		0.58		
* 5		0.0	1	WORST CASE OPERATING				SHEAR RATING =		1.07		
* 5		0.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.35		
* 5		0.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.64		
5	0	53.5	1	1.07	N/C	0.58	0.64	N/C	0.35	N/C	0.82	
5	1	55.3	1	1.07	N/C	1.07	0.64	N/C	0.64	N/C	1.19	
5	2	57.2	1	1.38	N/C	4.01	0.83	N/C	2.40	N/C	3.35	
5	3	59.0	1	1.69	N/C	4.72	1.01	N/C	2.83	N/C	3.84	
5	4	60.9	1	2.00	N/C	3.03	1.20	N/C	1.81	N/C	2.58	
5	5	62.7	1	2.58	N/C	2.12	1.55	N/C	1.27	N/C	1.89	
5	6	64.6	1	3.54	N/C	1.83	2.12	N/C	1.10	N/C	1.66	
5	7	66.4	1	3.63	N/C	1.85	2.17	N/C	1.11	N/C	1.68	
5	8	68.3	1	2.57	N/C	2.28	1.54	N/C	1.37	N/C	2.01	
5	9	70.1	1	2.25	N/C	4.02	1.35	N/C	2.41	N/C	3.36	
5	10	72.0	1	2.25	N/C	15.62	1.35	N/C	9.36	N/C	12.43	
* 6		0.0	1	WORST CASE OPERATING				MOMENT RATING =		0.59		
* 6		0.0	1	WORST CASE OPERATING				SHEAR RATING =		1.27		
* 6		0.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.35		
* 6		0.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.76		
6	0	72.0	1	1.27	N/C	0.59	0.76	N/C	0.35	N/C	0.79	
6	1	73.8	1	1.27	N/C	1.05	0.76	N/C	0.63	N/C	1.13	
6	2	75.7	1	1.33	N/C	3.32	0.80	N/C	1.99	N/C	2.82	
6	3	77.5	1	1.66	N/C	5.26	1.00	N/C	3.15	N/C	4.24	
6	4	79.4	1	1.95	N/C	3.28	1.17	N/C	1.97	N/C	2.77	
6	5	81.2	1	2.52	N/C	2.24	1.51	N/C	1.34	N/C	1.98	
6	6	83.1	1	3.45	N/C	1.91	2.07	N/C	1.14	N/C	1.72	
6	7	84.9	1	3.73	N/C	1.91	2.23	N/C	1.14	N/C	1.72	
6	8	86.8	1	2.62	N/C	2.33	1.57	N/C	1.39	N/C	2.04	
6	9	88.6	1	2.29	N/C	4.06	1.37	N/C	2.43	N/C	3.39	
6	10	90.5	1	2.29	N/C	15.75	1.37	N/C	9.44	N/C	12.53	
* 7		0.0	1	WORST CASE OPERATING				MOMENT RATING =		0.54		
* 7		0.0	1	WORST CASE OPERATING				SHEAR RATING =		1.06		
* 7		0.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.32		
* 7		0.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.64		
7	0	90.5	1	1.06	N/C	0.54	0.64	N/C	0.32	N/C	0.78	
7	1	92.3	1	1.06	N/C	0.99	0.64	N/C	0.59	N/C	1.12	
7	2	94.2	1	1.38	N/C	3.58	0.82	N/C	2.15	N/C	3.02	
7	3	96.0	1	1.68	N/C	4.93	1.01	N/C	2.95	N/C	3.99	
7	4	97.9	1	1.98	N/C	3.15	1.18	N/C	1.89	N/C	2.67	
7	5	99.7	1	2.34	N/C	1.73	1.40	N/C	1.04	N/C	1.59	
7	6	101.6	1	3.50	N/C	1.87	2.10	N/C	1.12	N/C	1.69	
7	7	103.4	1	3.67	N/C	1.87	2.20	N/C	1.12	N/C	1.69	
7	8	105.3	1	2.59	N/C	2.29	1.55	N/C	1.37	N/C	2.02	
7	9	107.1	1	2.26	N/C	4.03	1.35	N/C	2.41	N/C	3.37	
7	10	109.0	1	2.26	N/C	15.66	1.35	N/C	9.38	N/C	12.46	
* 8		0.0	1	WORST CASE OPERATING				MOMENT RATING =		0.59		
* 8		0.0	1	WORST CASE OPERATING				SHEAR RATING =		1.27		
* 8		0.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.35		
* 8		0.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.76		
8	0	109.0	1	1.27	N/C	0.59	0.76	N/C	0.35	N/C	0.79	
8	1	110.8	1	1.27	N/C	1.05	0.76	N/C	0.63	N/C	1.13	
8	2	112.7	1	1.33	N/C	3.32	0.80	N/C	1.99	N/C	2.82	

8	3	114.5	1	1.66	N/C	5.26	1.00	N/C	3.15	N/C	4.24
8	4	116.4	1	1.95	N/C	3.28	1.17	N/C	1.97	N/C	2.77
8	5	118.2	1	2.52	N/C	2.24	1.51	N/C	1.34	N/C	1.98
8	6	120.1	1	3.45	N/C	1.91	2.07	N/C	1.14	N/C	1.72
8	7	121.9	1	3.73	N/C	1.91	2.23	N/C	1.14	N/C	1.72
8	8	123.8	1	2.62	N/C	2.33	1.57	N/C	1.39	N/C	2.04
8	9	125.6	1	2.29	N/C	4.06	1.37	N/C	2.43	N/C	3.39
8	10	127.5	1	2.29	N/C	15.75	1.37	N/C	9.44	N/C	12.53
* 9		0.0	1	WORST CASE OPERATING				MOMENT RATING =		1.15	
* 9		0.0	1	WORST CASE OPERATING				SHEAR RATING =		1.59	
* 9		0.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.69	
* 9		0.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.95	
9	0	127.5	1	1.59	N/C	1.15	0.95	N/C	0.69	N/C	1.19
9	1	129.4	1	1.59	N/C	1.93	0.95	N/C	1.15	N/C	1.78
9	2	131.2	1	1.65	N/C	6.15	0.99	N/C	3.69	N/C	4.74
9	3	133.1	1	2.15	N/C	4.95	1.29	N/C	2.97	N/C	4.02
9	4	134.9	1	2.72	N/C	3.56	1.63	N/C	2.13	N/C	2.97
9	5	136.8	1	4.01	N/C	3.02	2.40	N/C	1.81	N/C	2.56
9	6	138.6	1	2.97	N/C	3.36	1.78	N/C	2.01	N/C	2.81
9	7	140.5	1	2.31	N/C	4.32	1.39	N/C	2.59	N/C	3.54
9	8	142.3	1	1.76	N/C	2.57	1.05	N/C	1.54	N/C	1.97
9	9	144.2	1	1.59	N/C	2.57	0.95	N/C	1.54	N/C	2.27
9	10	146.0	1	1.59	N/C	1.15	0.95	N/C	0.69	N/C	1.19
*10		0.0	1	WORST CASE OPERATING				MOMENT RATING =		1.15	
*10		0.0	1	WORST CASE OPERATING				SHEAR RATING =		1.59	
*10		0.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.69	
*10		0.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.95	
10	0	146.0	1	1.59	N/C	1.15	0.95	N/C	0.69	N/C	1.19
10	1	147.9	1	1.59	N/C	1.93	0.95	N/C	1.15	N/C	1.78
10	2	149.7	1	1.65	N/C	6.15	0.99	N/C	3.69	N/C	4.74
10	3	151.6	1	2.15	N/C	4.95	1.29	N/C	2.97	N/C	4.02
10	4	153.4	1	2.72	N/C	3.56	1.63	N/C	2.13	N/C	2.97
10	5	155.3	1	4.01	N/C	3.02	2.40	N/C	1.81	N/C	2.56
10	6	157.1	1	2.97	N/C	3.36	1.78	N/C	2.01	N/C	2.81
10	7	159.0	1	2.31	N/C	4.32	1.39	N/C	2.59	N/C	3.54
10	8	160.8	1	1.76	N/C	2.57	1.05	N/C	1.54	N/C	1.97
10	9	162.7	1	1.59	N/C	2.57	0.95	N/C	1.54	N/C	2.27
10	10	164.5	1	1.59	N/C	1.15	0.95	N/C	0.69	N/C	1.19
*11		18.0	1	WORST CASE OPERATING				MOMENT RATING =		0.59	
*11		15.5	1	WORST CASE OPERATING				SHEAR RATING =		1.27	
*11		18.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.35	
*11		15.5	1	WORST CASE INVENTORY				SHEAR RATING =		0.76	
11	0	164.5	1	2.29	N/C	INF	1.37	N/C	INF	N/C	INF
11	1	166.4	1	2.29	N/C	5.35	1.37	N/C	3.20	N/C	4.39
11	2	168.2	1	2.41	N/C	2.58	1.45	N/C	1.54	N/C	2.23
11	3	170.1	1	3.40	N/C	1.97	2.04	N/C	1.18	N/C	1.77
11	4	171.9	1	3.78	N/C	1.87	2.27	N/C	1.12	N/C	1.69
11	5	173.8	1	2.71	N/C	2.11	1.62	N/C	1.26	N/C	1.88
11	6	175.6	1	2.08	N/C	2.93	1.24	N/C	1.76	N/C	2.50
11	7	177.5	1	1.75	N/C	4.38	1.05	N/C	2.63	N/C	3.59
11	8	179.3	1	1.42	N/C	0.73	0.85	N/C	0.44	N/C	0.72
11	9	181.2	1	1.27	N/C	1.38	0.76	N/C	0.83	N/C	1.38
11	10	183.0	1	1.27	N/C	0.59	0.76	N/C	0.35	N/C	0.79
*12		18.0	1	WORST CASE OPERATING				MOMENT RATING =		0.59	
*12		15.5	1	WORST CASE OPERATING				SHEAR RATING =		1.27	
*12		18.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.35	
*12		15.5	1	WORST CASE INVENTORY				SHEAR RATING =		0.76	
12	0	183.0	1	2.29	N/C	INF	1.37	N/C	INF	N/C	INF
12	1	184.9	1	2.29	N/C	5.35	1.37	N/C	3.20	N/C	4.39
12	2	186.7	1	2.41	N/C	2.58	1.45	N/C	1.54	N/C	2.23
12	3	188.6	1	3.40	N/C	1.97	2.04	N/C	1.18	N/C	1.77
12	4	190.4	1	3.78	N/C	1.87	2.27	N/C	1.12	N/C	1.69
12	5	192.3	1	2.71	N/C	2.11	1.62	N/C	1.26	N/C	1.88
12	6	194.1	1	2.08	N/C	2.93	1.24	N/C	1.76	N/C	2.50
12	7	196.0	1	1.75	N/C	4.38	1.05	N/C	2.63	N/C	3.59
12	8	197.8	1	1.42	N/C	0.73	0.85	N/C	0.44	N/C	0.72
12	9	199.7	1	1.27	N/C	1.38	0.76	N/C	0.83	N/C	1.38
12	10	201.5	1	1.27	N/C	0.59	0.76	N/C	0.35	N/C	0.79
*13		18.0	1	WORST CASE OPERATING				MOMENT RATING =		0.58	
*13		16.0	1	WORST CASE OPERATING				SHEAR RATING =		1.06	
*13		18.0	1	WORST CASE INVENTORY				MOMENT RATING =		0.35	
*13		16.0	1	WORST CASE INVENTORY				SHEAR RATING =		0.64	
13	0	201.5	1	2.25	N/C	INF	1.35	N/C	INF	N/C	INF
13	1	203.4	1	2.25	N/C	5.30	1.35	N/C	3.17	N/C	4.35
13	2	205.2	1	2.37	N/C	2.54	1.42	N/C	1.52	N/C	2.20
13	3	207.1	1	3.32	N/C	1.92	1.99	N/C	1.15	N/C	1.73
13	4	208.9	1	3.88	N/C	1.81	2.32	N/C	1.08	N/C	1.64
13	5	210.8	1	2.77	N/C	2.00	1.66	N/C	1.20	N/C	1.80
13	6	212.6	1	2.12	N/C	2.72	1.27	N/C	1.63	N/C	2.35
13	7	214.5	1	1.78	N/C	3.98	1.07	N/C	2.38	N/C	3.29
13	8	216.3	1	1.44	N/C	1.07	0.87	N/C	0.64	N/C	0.94
13	9	218.2	1	1.06	N/C	1.44	0.64	N/C	0.86	N/C	1.47
13	10	220.0	1	1.06	N/C	0.58	0.64	N/C	0.35	N/C	0.82
*14		18.0	1	WORST CASE OPERATING				MOMENT RATING =		0.58	

*14	16.0	1	WORST CASE OPERATING	SHEAR RATING =	1.06						
*14	18.0	1	WORST CASE INVENTORY	MOMENT RATING =	0.35						
*14	16.0	1	WORST CASE INVENTORY	SHEAR RATING =	0.64						
14	0	220.0	1	2.25	N/C	INF	1.35	N/C	INF	N/C	INF
14	1	221.9	1	2.25	N/C	5.30	1.35	N/C	3.17	N/C	4.35
14	2	223.7	1	2.37	N/C	2.54	1.42	N/C	1.52	N/C	2.20
14	3	225.6	1	3.32	N/C	1.92	1.99	N/C	1.15	N/C	1.73
14	4	227.4	1	3.88	N/C	1.81	2.32	N/C	1.08	N/C	1.64
14	5	229.3	1	2.77	N/C	2.00	1.66	N/C	1.20	N/C	1.80
14	6	231.1	1	2.12	N/C	2.72	1.27	N/C	1.63	N/C	2.35
14	7	233.0	1	1.78	N/C	3.98	1.07	N/C	2.38	N/C	3.29
14	8	234.8	1	1.44	N/C	1.07	0.87	N/C	0.64	N/C	0.94
14	9	236.7	1	1.06	N/C	1.44	0.64	N/C	0.86	N/C	1.42
14	10	238.5	1	1.06	N/C	0.58	0.64	N/C	0.35	N/C	0.79
*15	18.0	1	WORST CASE OPERATING	MOMENT RATING =	0.56						
*15	17.0	1	WORST CASE OPERATING	SHEAR RATING =	1.02						
*15	18.0	1	WORST CASE INVENTORY	MOMENT RATING =	0.34						
*15	17.0	1	WORST CASE INVENTORY	SHEAR RATING =	0.61						
15	0	238.5	1	2.26	N/C	INF	1.35	N/C	INF	N/C	INF
15	1	240.4	1	2.26	N/C	5.30	1.35	N/C	3.18	N/C	4.36
15	2	242.2	1	2.38	N/C	2.54	1.43	N/C	1.52	N/C	2.21
15	3	244.1	1	3.33	N/C	1.93	2.00	N/C	1.16	N/C	1.74
15	4	245.9	1	3.86	N/C	1.82	2.31	N/C	1.09	N/C	1.65
15	5	247.8	1	2.76	N/C	2.02	1.65	N/C	1.21	N/C	1.81
15	6	249.6	1	2.11	N/C	2.76	1.27	N/C	1.65	N/C	2.37
15	7	251.5	1	1.78	N/C	4.04	1.06	N/C	2.42	N/C	3.33
15	8	253.3	1	1.44	N/C	0.99	0.86	N/C	0.59	N/C	0.89
15	9	255.2	1	1.14	N/C	1.40	0.68	N/C	0.84	N/C	1.39
15	10	257.0	1	1.02	N/C	0.56	0.61	N/C	0.34	N/C	0.80
*16	18.0	1	WORST CASE OPERATING	MOMENT RATING =	0.59						
*16	15.5	1	WORST CASE OPERATING	SHEAR RATING =	1.27						
*16	18.0	1	WORST CASE INVENTORY	MOMENT RATING =	0.35						
*16	15.5	1	WORST CASE INVENTORY	SHEAR RATING =	0.76						
16	0	257.0	1	2.29	N/C	INF	1.37	N/C	INF	N/C	INF
16	1	258.9	1	2.29	N/C	5.35	1.37	N/C	3.20	N/C	4.39
16	2	260.7	1	2.41	N/C	2.58	1.45	N/C	1.54	N/C	2.23
16	3	262.6	1	3.40	N/C	1.97	2.04	N/C	1.18	N/C	1.77
16	4	264.4	1	3.78	N/C	1.87	2.27	N/C	1.12	N/C	1.69
16	5	266.3	1	2.71	N/C	2.11	1.62	N/C	1.26	N/C	1.88
16	6	268.1	1	2.08	N/C	2.93	1.24	N/C	1.76	N/C	2.50
16	7	270.0	1	1.75	N/C	4.38	1.05	N/C	2.63	N/C	3.59
16	8	271.8	1	1.42	N/C	0.73	0.85	N/C	0.44	N/C	0.72
16	9	273.7	1	1.27	N/C	1.38	0.76	N/C	0.83	N/C	1.38
16	10	275.5	1	1.27	N/C	0.59	0.76	N/C	0.35	N/C	0.79
*17	18.0	1	WORST CASE OPERATING	MOMENT RATING =	0.59						
*17	15.5	1	WORST CASE OPERATING	SHEAR RATING =	1.27						
*17	18.0	1	WORST CASE INVENTORY	MOMENT RATING =	0.35						
*17	15.5	1	WORST CASE INVENTORY	SHEAR RATING =	0.76						
17	0	275.5	1	2.29	N/C	INF	1.37	N/C	INF	N/C	INF
17	1	277.4	1	2.29	N/C	5.35	1.37	N/C	3.20	N/C	4.39
17	2	279.2	1	2.41	N/C	2.58	1.45	N/C	1.54	N/C	2.23
17	3	281.1	1	3.40	N/C	1.97	2.04	N/C	1.18	N/C	1.77
17	4	282.9	1	3.78	N/C	1.87	2.27	N/C	1.12	N/C	1.69
17	5	284.8	1	2.71	N/C	2.11	1.62	N/C	1.26	N/C	1.88
17	6	286.6	1	2.08	N/C	2.93	1.24	N/C	1.76	N/C	2.50
17	7	288.5	1	1.75	N/C	4.38	1.05	N/C	2.63	N/C	3.59
17	8	290.3	1	1.42	N/C	0.73	0.85	N/C	0.44	N/C	0.72
17	9	292.2	1	1.27	N/C	1.38	0.76	N/C	0.83	N/C	1.38
17	10	294.0	1	1.27	N/C	0.59	0.76	N/C	0.35	N/C	0.79
*18	0.0	1	WORST CASE OPERATING	MOMENT RATING =	0.50						
*18	0.0	1	WORST CASE OPERATING	SHEAR RATING =	1.20						
*18	0.0	1	WORST CASE INVENTORY	MOMENT RATING =	0.30						
*18	0.0	1	WORST CASE INVENTORY	SHEAR RATING =	0.72						
18	0	294.0	1	1.20	N/C	0.50	0.72	N/C	0.30	N/C	0.71
18	1	295.9	1	1.20	N/C	0.94	0.72	N/C	0.56	N/C	1.05
18	2	297.8	1	1.24	N/C	3.02	0.74	N/C	1.81	N/C	2.61
18	3	299.7	1	1.62	N/C	5.35	0.97	N/C	3.21	N/C	4.10
18	4	301.6	1	2.01	N/C	2.93	1.20	N/C	1.76	N/C	2.51
18	5	303.5	1	2.49	N/C	2.23	1.49	N/C	1.34	N/C	1.98
18	6	305.4	1	3.50	N/C	1.87	2.10	N/C	1.12	N/C	1.70
18	7	307.3	1	3.88	N/C	1.86	2.32	N/C	1.11	N/C	1.68
18	8	309.2	1	2.56	N/C	2.30	1.53	N/C	1.38	N/C	2.03
18	9	311.1	1	2.23	N/C	3.98	1.34	N/C	2.39	N/C	3.33
18	10	313.0	1	2.23	N/C	15.50	1.34	N/C	9.28	N/C	12.33
* 1	0.0	2	WORST CASE OPERATING	MOMENT RATING =	8.66						
* 1	2.0	2	WORST CASE OPERATING	SHEAR RATING =	16.48						
* 1	0.0	2	WORST CASE INVENTORY	MOMENT RATING =	5.19						
* 1	2.0	2	WORST CASE INVENTORY	SHEAR RATING =	9.87						
1	0	0.0	2	INF	N/C	8.66	INF	N/C	5.19	N/C	6.89
1	1	0.4	2	INF	N/C	8.66	INF	N/C	5.19	N/C	6.89
1	2	0.8	2	INF	N/C	8.66	INF	N/C	5.19	N/C	6.89
1	3	1.2	2	INF	N/C	73.23	INF	N/C	43.87	N/C	57.88
1	4	1.6	2	INF	N/C	29.29	INF	N/C	17.55	N/C	23.21
1	5	2.0	2	16.48	N/C	23.91	9.87	N/C	14.32	N/C	18.97
1	6	2.4	2	16.48	N/C	23.91	9.87	N/C	14.32	N/C	18.97

1	7	2.8	2	33.05	N/C	29.29	19.80	N/C	17.55	N/C	23.21
1	8	3.2	2	INF	N/C	73.24	INF	N/C	43.88	N/C	57.82
1	9	3.6	2	INF	N/C	42.54	INF	N/C	25.49	N/C	33.63
1	10	4.0	2	INF	N/C	42.54	INF	N/C	25.49	N/C	33.63
* 2		0.0	2	WORST CASE OPERATING				MOMENT RATING =	1.75		
* 2		0.0	2	WORST CASE OPERATING				SHEAR RATING =	2.07		
* 2		0.0	2	WORST CASE INVENTORY				MOMENT RATING =	1.05		
* 2		0.0	2	WORST CASE INVENTORY				SHEAR RATING =	1.24		
2	0	4.0	2	2.07	N/C	1.75	1.24	N/C	1.05	N/C	1.61
2	1	5.3	2	2.07	N/C	2.33	1.24	N/C	1.39	N/C	2.06
2	2	6.5	2	2.07	N/C	7.48	1.24	N/C	4.48	N/C	6.05
2	3	7.8	2	2.19	N/C	9.28	1.31	N/C	5.56	N/C	7.44
2	4	9.0	2	3.00	N/C	7.12	1.80	N/C	4.26	N/C	5.78
2	5	10.3	2	3.94	N/C	5.40	2.36	N/C	3.24	N/C	4.44
2	6	11.5	2	6.64	N/C	4.65	3.98	N/C	2.79	N/C	3.86
2	7	12.8	2	6.00	N/C	4.57	3.59	N/C	2.74	N/C	3.79
2	8	14.0	2	4.63	N/C	5.56	2.77	N/C	3.33	N/C	4.55
2	9	15.3	2	4.63	N/C	8.07	2.77	N/C	4.84	N/C	6.52
2	10	16.5	2	4.63	N/C	INF	2.77	N/C	INF	N/C	INF
* 3		0.0	2	WORST CASE OPERATING				MOMENT RATING =	0.56		
* 3		0.0	2	WORST CASE OPERATING				SHEAR RATING =	1.12		
* 3		0.0	2	WORST CASE INVENTORY				MOMENT RATING =	0.34		
* 3		0.0	2	WORST CASE INVENTORY				SHEAR RATING =	0.67		
3	0	16.5	2	1.12	N/C	0.56	0.67	N/C	0.34	N/C	0.80
3	1	18.4	2	1.12	N/C	1.04	0.67	N/C	0.63	N/C	1.17
3	2	20.2	2	1.46	N/C	4.02	0.87	N/C	2.41	N/C	3.37
3	3	22.1	2	1.84	N/C	6.86	1.10	N/C	4.11	N/C	5.56
3	4	23.9	2	2.25	N/C	3.79	1.35	N/C	2.27	N/C	3.22
3	5	25.8	2	3.10	N/C	2.54	1.86	N/C	1.52	N/C	2.26
3	6	27.6	2	4.74	N/C	2.20	2.84	N/C	1.32	N/C	1.99
3	7	29.5	2	4.65	N/C	2.19	2.79	N/C	1.31	N/C	1.98
3	8	31.3	2	3.13	N/C	2.66	1.88	N/C	1.59	N/C	2.34
3	9	33.2	2	2.70	N/C	4.69	1.62	N/C	2.81	N/C	3.92
3	10	35.0	2	2.70	N/C	INF	1.62	N/C	INF	N/C	INF
* 4		0.0	2	WORST CASE OPERATING				MOMENT RATING =	0.56		
* 4		0.0	2	WORST CASE OPERATING				SHEAR RATING =	1.12		
* 4		0.0	2	WORST CASE INVENTORY				MOMENT RATING =	0.34		
* 4		0.0	2	WORST CASE INVENTORY				SHEAR RATING =	0.67		
4	0	35.0	2	1.12	N/C	0.56	0.67	N/C	0.34	N/C	0.80
4	1	36.8	2	1.12	N/C	1.04	0.67	N/C	0.63	N/C	1.17
4	2	38.7	2	1.46	N/C	4.02	0.87	N/C	2.41	N/C	3.37
4	3	40.5	2	1.84	N/C	6.86	1.10	N/C	4.11	N/C	5.56
4	4	42.4	2	2.25	N/C	3.79	1.35	N/C	2.27	N/C	3.22
4	5	44.2	2	3.10	N/C	2.54	1.86	N/C	1.52	N/C	2.26
4	6	46.1	2	4.74	N/C	2.20	2.84	N/C	1.32	N/C	1.99
4	7	47.9	2	4.65	N/C	2.19	2.79	N/C	1.31	N/C	1.98
4	8	49.8	2	3.13	N/C	2.66	1.88	N/C	1.59	N/C	2.34
4	9	51.6	2	2.70	N/C	4.69	1.62	N/C	2.81	N/C	3.92
4	10	53.5	2	2.70	N/C	18.61	1.62	N/C	11.15	N/C	14.81
* 5		0.0	2	WORST CASE OPERATING				MOMENT RATING =	0.58		
* 5		0.0	2	WORST CASE OPERATING				SHEAR RATING =	1.15		
* 5		0.0	2	WORST CASE INVENTORY				MOMENT RATING =	0.35		
* 5		0.0	2	WORST CASE INVENTORY				SHEAR RATING =	0.69		
5	0	53.5	2	1.15	N/C	0.58	0.69	N/C	0.35	N/C	0.81
5	1	55.3	2	1.15	N/C	1.07	0.69	N/C	0.64	N/C	1.19
5	2	57.2	2	1.48	N/C	4.20	0.89	N/C	2.51	N/C	3.51
5	3	59.0	2	1.85	N/C	6.67	1.11	N/C	4.00	N/C	5.42
5	4	60.9	2	2.26	N/C	3.72	1.35	N/C	2.23	N/C	3.17
5	5	62.7	2	3.12	N/C	2.51	1.87	N/C	1.50	N/C	2.24
5	6	64.6	2	4.77	N/C	2.18	2.86	N/C	1.31	N/C	1.98
5	7	66.4	2	4.62	N/C	2.17	2.77	N/C	1.30	N/C	1.97
5	8	68.3	2	3.12	N/C	2.65	1.87	N/C	1.59	N/C	2.33
5	9	70.1	2	2.69	N/C	4.67	1.61	N/C	2.80	N/C	3.91
5	10	72.0	2	2.69	N/C	18.57	1.61	N/C	11.12	N/C	14.78
* 6		0.0	2	WORST CASE OPERATING				MOMENT RATING =	0.59		
* 6		0.0	2	WORST CASE OPERATING				SHEAR RATING =	1.39		
* 6		0.0	2	WORST CASE INVENTORY				MOMENT RATING =	0.35		
* 6		0.0	2	WORST CASE INVENTORY				SHEAR RATING =	0.83		
6	0	72.0	2	1.39	N/C	0.59	0.83	N/C	0.35	N/C	0.79
6	1	73.8	2	1.39	N/C	1.05	0.83	N/C	0.63	N/C	1.13
6	2	75.7	2	1.44	N/C	3.45	0.86	N/C	2.07	N/C	2.94
6	3	77.5	2	1.81	N/C	7.82	1.08	N/C	4.68	N/C	5.63
6	4	79.4	2	2.21	N/C	4.12	1.32	N/C	2.47	N/C	3.47
6	5	81.2	2	3.04	N/C	2.67	1.82	N/C	1.60	N/C	2.36
6	6	83.1	2	4.65	N/C	2.28	2.78	N/C	1.37	N/C	2.05
6	7	84.9	2	4.79	N/C	2.25	2.87	N/C	1.35	N/C	2.03
6	8	86.8	2	3.20	N/C	2.71	1.92	N/C	1.62	N/C	2.38
6	9	88.6	2	2.75	N/C	4.74	1.65	N/C	2.84	N/C	3.96
6	10	90.5	2	2.75	N/C	18.76	1.65	N/C	11.24	N/C	14.92
* 7		0.0	2	WORST CASE OPERATING				MOMENT RATING =	0.54		
* 7		0.0	2	WORST CASE OPERATING				SHEAR RATING =	1.14		
* 7		0.0	2	WORST CASE INVENTORY				MOMENT RATING =	0.32		
* 7		0.0	2	WORST CASE INVENTORY				SHEAR RATING =	0.68		
7	0	90.5	2	1.14	N/C	0.54	0.68	N/C	0.32	N/C	0.78

7	1	92.3	2	1.14	N/C	1.00	0.68	N/C	0.60	N/C	1.13		
7	2	94.2	2	1.47	N/C	3.76	0.88	N/C	2.25	N/C	3.17		
7	3	96.0	2	1.83	N/C	7.24	1.10	N/C	4.34	N/C	5.86		
7	4	97.9	2	2.24	N/C	3.93	1.34	N/C	2.35	N/C	3.32		
7	5	99.7	2	2.84	N/C	2.06	1.70	N/C	1.23	N/C	1.88		
7	6	101.6	2	4.71	N/C	2.23	2.82	N/C	1.33	N/C	2.02		
7	7	103.4	2	4.69	N/C	2.20	2.81	N/C	1.32	N/C	2.00		
7	8	105.3	2	3.15	N/C	2.67	1.89	N/C	1.60	N/C	2.35		
7	9	107.1	2	2.71	N/C	4.70	1.62	N/C	2.81	N/C	3.93		
7	10	109.0	2	2.71	N/C	18.65	1.62	N/C	11.18	N/C	14.84		
* 8		0.0	2	WORST CASE OPERATING MOMENT RATING =							0.59		
* 8		0.0	2	WORST CASE OPERATING SHEAR RATING =							1.39		
* 8		0.0	2	WORST CASE INVENTORY MOMENT RATING =							0.35		
* 8		0.0	2	WORST CASE INVENTORY SHEAR RATING =							0.83		
8	0	109.0	2	1.39	N/C	0.59	0.83	N/C	0.35	N/C	0.79		
8	1	110.8	2	1.39	N/C	1.05	0.83	N/C	0.63	N/C	1.13		
8	2	112.7	2	1.44	N/C	3.45	0.86	N/C	2.07	N/C	2.94		
8	3	114.5	2	1.81	N/C	7.82	1.08	N/C	4.68	N/C	5.63		
8	4	116.4	2	2.21	N/C	4.12	1.32	N/C	2.47	N/C	3.47		
8	5	118.2	2	3.04	N/C	2.67	1.82	N/C	1.60	N/C	2.36		
8	6	120.1	2	4.65	N/C	2.28	2.78	N/C	1.37	N/C	2.05		
8	7	121.9	2	4.79	N/C	2.25	2.87	N/C	1.35	N/C	2.03		
8	8	123.8	2	3.20	N/C	2.71	1.92	N/C	1.62	N/C	2.38		
8	9	125.6	2	2.75	N/C	4.74	1.65	N/C	2.84	N/C	3.96		
8	10	127.5	2	2.75	N/C	18.76	1.65	N/C	11.24	N/C	14.92		
* 9		0.0	2	WORST CASE OPERATING MOMENT RATING =							1.18		
* 9		0.0	2	WORST CASE OPERATING SHEAR RATING =							1.79		
* 9		0.0	2	WORST CASE INVENTORY MOMENT RATING =							0.70		
* 9		0.0	2	WORST CASE INVENTORY SHEAR RATING =							1.07		
9	0	127.5	2	1.79	N/C	1.18	1.07	N/C	0.70	N/C	1.22		
9	1	129.4	2	1.79	N/C	2.00	1.07	N/C	1.20	N/C	1.85		
9	2	131.2	2	1.88	N/C	7.86	1.13	N/C	4.71	N/C	6.32		
9	3	133.1	2	2.59	N/C	7.06	1.55	N/C	4.23	N/C	5.73		
9	4	134.9	2	3.47	N/C	4.65	2.08	N/C	2.79	N/C	3.88		
9	5	136.8	2	5.61	N/C	3.93	3.36	N/C	2.36	N/C	3.33		
9	6	138.6	2	3.87	N/C	4.36	2.32	N/C	2.61	N/C	3.66		
9	7	140.5	2	2.84	N/C	5.87	1.70	N/C	3.51	N/C	4.81		
9	8	142.3	2	2.02	N/C	2.99	1.21	N/C	1.79	N/C	2.29		
9	9	144.2	2	1.79	N/C	2.70	1.07	N/C	1.62	N/C	2.38		
9	10	146.0	2	1.79	N/C	1.18	1.07	N/C	0.70	N/C	1.22		
*10		0.0	2	WORST CASE OPERATING MOMENT RATING =							1.18		
*10		0.0	2	WORST CASE OPERATING SHEAR RATING =							1.79		
*10		0.0	2	WORST CASE INVENTORY MOMENT RATING =							0.70		
*10		0.0	2	WORST CASE INVENTORY SHEAR RATING =							1.07		
10	0	146.0	2	1.79	N/C	1.18	1.07	N/C	0.70	N/C	1.22		
10	1	147.9	2	1.79	N/C	2.00	1.07	N/C	1.20	N/C	1.85		
10	2	149.7	2	1.88	N/C	7.86	1.13	N/C	4.71	N/C	6.32		
10	3	151.6	2	2.59	N/C	7.06	1.55	N/C	4.23	N/C	5.73		
10	4	153.4	2	3.47	N/C	4.65	2.08	N/C	2.79	N/C	3.88		
10	5	155.3	2	5.61	N/C	3.93	3.36	N/C	2.36	N/C	3.33		
10	6	157.1	2	3.87	N/C	4.36	2.32	N/C	2.61	N/C	3.66		
10	7	159.0	2	2.84	N/C	5.87	1.70	N/C	3.51	N/C	4.81		
10	8	160.8	2	2.02	N/C	2.99	1.21	N/C	1.79	N/C	2.29		
10	9	162.7	2	1.79	N/C	2.70	1.07	N/C	1.62	N/C	2.38		
10	10	164.5	2	1.79	N/C	1.18	1.07	N/C	0.70	N/C	1.22		
*11		18.0	2	WORST CASE OPERATING MOMENT RATING =							0.59		
*11		15.5	2	WORST CASE OPERATING SHEAR RATING =							1.39		
*11		18.0	2	WORST CASE INVENTORY MOMENT RATING =							0.35		
*11		15.5	2	WORST CASE INVENTORY SHEAR RATING =							0.83		
11	0	164.5	2	2.75	N/C	INF	1.65	N/C	INF	N/C	INF		
11	1	166.4	2	2.75	N/C	6.29	1.65	N/C	3.77	N/C	5.16		
11	2	168.2	2	2.92	N/C	3.00	1.75	N/C	1.80	N/C	2.60		
11	3	170.1	2	4.30	N/C	2.32	2.58	N/C	1.39	N/C	2.08		
11	4	171.9	2	5.30	N/C	2.24	3.18	N/C	1.34	N/C	2.02		
11	5	173.8	2	3.34	N/C	2.51	2.00	N/C	1.51	N/C	2.24		
11	6	175.6	2	2.38	N/C	3.60	1.43	N/C	2.16	N/C	3.07		
11	7	177.5	2	1.93	N/C	6.03	1.15	N/C	3.61	N/C	4.93		
11	8	179.3	2	1.52	N/C	0.77	0.91	N/C	0.46	N/C	0.76		
11	9	181.2	2	1.39	N/C	1.40	0.83	N/C	0.84	N/C	1.39		
11	10	183.0	2	1.39	N/C	0.59	0.83	N/C	0.35	N/C	0.79		
*12		18.0	2	WORST CASE OPERATING MOMENT RATING =							0.59		
*12		15.5	2	WORST CASE OPERATING SHEAR RATING =							1.39		
*12		18.0	2	WORST CASE INVENTORY MOMENT RATING =							0.35		
*12		15.5	2	WORST CASE INVENTORY SHEAR RATING =							0.83		
12	0	183.0	2	2.75	N/C	INF	1.65	N/C	INF	N/C	INF		
12	1	184.9	2	2.75	N/C	6.29	1.65	N/C	3.77	N/C	5.16		
12	2	186.7	2	2.92	N/C	3.00	1.75	N/C	1.80	N/C	2.60		
12	3	188.6	2	4.30	N/C	2.32	2.58	N/C	1.39	N/C	2.08		
12	4	190.4	2	5.30	N/C	2.24	3.18	N/C	1.34	N/C	2.02		
12	5	192.3	2	3.34	N/C	2.51	2.00	N/C	1.51	N/C	2.24		
12	6	194.1	2	2.38	N/C	3.60	1.43	N/C	2.16	N/C	3.07		
12	7	196.0	2	1.93	N/C	6.03	1.15	N/C	3.61	N/C	4.93		
12	8	197.8	2	1.52	N/C	0.77	0.91	N/C	0.46	N/C	0.76		
12	9	199.7	2	1.39	N/C	1.40	0.83	N/C	0.84	N/C	1.39		
12	10	201.5	2	1.39	N/C	0.59	0.83	N/C	0.35	N/C	0.79		

*13	18.0	2	WORST CASE OPERATING	MOMENT RATING =	0.58				
*13	16.0	2	WORST CASE OPERATING	SHEAR RATING =	1.15				
*13	18.0	2	WORST CASE INVENTORY	MOMENT RATING =	0.35				
*13	16.0	2	WORST CASE INVENTORY	SHEAR RATING =	0.69				
13	0	201.5	2	2.69	N/C	INF	1.61	N/C	INF
13	1	203.4	2	2.69	N/C	6.21	1.61	N/C	3.72
13	2	205.2	2	2.85	N/C	2.94	1.71	N/C	1.76
13	3	207.1	2	4.16	N/C	2.25	2.49	N/C	1.35
13	4	208.9	2	5.44	N/C	2.15	3.26	N/C	1.29
13	5	210.8	2	3.43	N/C	2.37	2.05	N/C	1.42
13	6	212.6	2	2.44	N/C	3.29	1.46	N/C	1.97
13	7	214.5	2	1.97	N/C	5.25	1.18	N/C	3.15
13	8	216.3	2	1.55	N/C	1.15	0.93	N/C	0.69
13	9	218.2	2	1.15	N/C	1.45	0.69	N/C	0.87
13	10	220.0	2	1.15	N/C	0.58	0.69	N/C	0.35
*14	18.0	2	WORST CASE OPERATING	MOMENT RATING =	0.58				
*14	16.0	2	WORST CASE OPERATING	SHEAR RATING =	1.15				
*14	18.0	2	WORST CASE INVENTORY	MOMENT RATING =	0.35				
*14	16.0	2	WORST CASE INVENTORY	SHEAR RATING =	0.69				
14	0	220.0	2	2.69	N/C	INF	1.61	N/C	INF
14	1	221.9	2	2.69	N/C	6.21	1.61	N/C	3.72
14	2	223.7	2	2.85	N/C	2.94	1.71	N/C	1.76
14	3	225.6	2	4.16	N/C	2.25	2.49	N/C	1.35
14	4	227.4	2	5.44	N/C	2.15	3.26	N/C	1.29
14	5	229.3	2	3.43	N/C	2.37	2.05	N/C	1.42
14	6	231.1	2	2.44	N/C	3.29	1.46	N/C	1.97
14	7	233.0	2	1.97	N/C	5.25	1.18	N/C	3.15
14	8	234.8	2	1.55	N/C	1.15	0.93	N/C	0.69
14	9	236.7	2	1.15	N/C	1.45	0.69	N/C	0.87
14	10	238.5	2	1.15	N/C	0.58	0.69	N/C	0.35
*15	18.0	2	WORST CASE OPERATING	MOMENT RATING =	0.56				
*15	17.0	2	WORST CASE OPERATING	SHEAR RATING =	1.12				
*15	18.0	2	WORST CASE INVENTORY	MOMENT RATING =	0.34				
*15	17.0	2	WORST CASE INVENTORY	SHEAR RATING =	0.67				
15	0	238.5	2	2.70	N/C	INF	1.62	N/C	INF
15	1	240.4	2	2.70	N/C	6.22	1.62	N/C	3.73
15	2	242.2	2	2.86	N/C	2.95	1.71	N/C	1.77
15	3	244.1	2	4.19	N/C	2.26	2.51	N/C	1.35
15	4	245.9	2	5.41	N/C	2.16	3.24	N/C	1.30
15	5	247.8	2	3.41	N/C	2.40	2.04	N/C	1.44
15	6	249.6	2	2.42	N/C	3.35	1.45	N/C	2.01
15	7	251.5	2	1.96	N/C	5.38	1.18	N/C	3.22
15	8	253.3	2	1.54	N/C	1.06	0.92	N/C	0.64
15	9	255.2	2	1.25	N/C	1.41	0.75	N/C	0.84
15	10	257.0	2	1.12	N/C	0.56	0.67	N/C	0.34
*16	18.0	2	WORST CASE OPERATING	MOMENT RATING =	0.59				
*16	15.5	2	WORST CASE OPERATING	SHEAR RATING =	1.39				
*16	18.0	2	WORST CASE INVENTORY	MOMENT RATING =	0.35				
*16	15.5	2	WORST CASE INVENTORY	SHEAR RATING =	0.83				
16	0	257.0	2	2.75	N/C	INF	1.65	N/C	INF
16	1	258.9	2	2.75	N/C	6.29	1.65	N/C	3.77
16	2	260.7	2	2.92	N/C	3.00	1.75	N/C	1.80
16	3	262.6	2	4.30	N/C	2.32	2.58	N/C	1.39
16	4	264.4	2	5.30	N/C	2.24	3.18	N/C	1.34
16	5	266.3	2	3.34	N/C	2.51	2.00	N/C	1.51
16	6	268.1	2	2.38	N/C	3.60	1.43	N/C	2.16
16	7	270.0	2	1.93	N/C	6.03	1.15	N/C	3.61
16	8	271.8	2	1.52	N/C	0.77	0.91	N/C	0.46
16	9	273.7	2	1.39	N/C	1.40	0.83	N/C	0.84
16	10	275.5	2	1.39	N/C	0.59	0.83	N/C	0.35
*17	18.0	2	WORST CASE OPERATING	MOMENT RATING =	0.59				
*17	15.5	2	WORST CASE OPERATING	SHEAR RATING =	1.39				
*17	18.0	2	WORST CASE INVENTORY	MOMENT RATING =	0.35				
*17	15.5	2	WORST CASE INVENTORY	SHEAR RATING =	0.83				
17	0	275.5	2	2.75	N/C	INF	1.65	N/C	INF
17	1	277.4	2	2.75	N/C	6.29	1.65	N/C	3.77
17	2	279.2	2	2.92	N/C	3.00	1.75	N/C	1.80
17	3	281.1	2	4.30	N/C	2.32	2.58	N/C	1.39
17	4	282.9	2	5.30	N/C	2.24	3.18	N/C	1.34
17	5	284.8	2	3.34	N/C	2.51	2.00	N/C	1.51
17	6	286.6	2	2.38	N/C	3.60	1.43	N/C	2.16
17	7	288.5	2	1.93	N/C	6.03	1.15	N/C	3.61
17	8	290.3	2	1.52	N/C	0.77	0.91	N/C	0.46
17	9	292.2	2	1.39	N/C	1.40	0.83	N/C	0.84
17	10	294.0	2	1.39	N/C	0.59	0.83	N/C	0.35
*18	0.0	2	WORST CASE OPERATING	MOMENT RATING =	0.52				
*18	0.0	2	WORST CASE OPERATING	SHEAR RATING =	1.35				
*18	0.0	2	WORST CASE INVENTORY	MOMENT RATING =	0.31				
*18	0.0	2	WORST CASE INVENTORY	SHEAR RATING =	0.81				
18	0	294.0	2	1.35	N/C	0.52	0.81	N/C	0.31
18	1	295.9	2	1.35	N/C	0.96	0.81	N/C	0.58
18	2	297.8	2	1.40	N/C	3.12	0.84	N/C	1.87
18	3	299.7	2	1.82	N/C	7.81	1.09	N/C	4.68
18	4	301.6	2	2.40	N/C	3.60	1.44	N/C	2.16

18	5	303.5	2	3.08	N/C	2.65	1.85	N/C	1.59	N/C	2.35
18	6	305.4	2	4.71	N/C	2.21	2.82	N/C	1.32	N/C	2.01
18	7	307.3	2	4.98	N/C	2.17	2.98	N/C	1.30	N/C	1.97
18	8	309.2	2	3.09	N/C	2.63	1.85	N/C	1.58	N/C	2.32
18	9	311.1	2	2.67	N/C	4.74	1.60	N/C	2.84	N/C	3.97
18	10	313.0	2	2.67	N/C	18.53	1.60	N/C	11.10	N/C	14.74

* 1	0.0	3	WORST CASE OPERATING	MOMENT RATING =	7.92						
* 1	2.0	3	WORST CASE OPERATING	SHEAR RATING =	18.07						
* 1	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	4.74						
* 1	2.0	3	WORST CASE INVENTORY	SHEAR RATING =	10.83						
1	0	0.0	3	INF	N/C	7.92	INF	N/C	4.74	N/C	6.30
1	1	0.4	3	INF	N/C	7.92	INF	N/C	4.74	N/C	6.30
1	2	0.8	3	INF	N/C	7.92	INF	N/C	4.74	N/C	6.30
1	3	1.2	3	INF	N/C	80.32	INF	N/C	48.12	N/C	63.48
1	4	1.6	3	INF	N/C	26.29	INF	N/C	15.75	N/C	20.83
1	5	2.0	3	18.07	N/C	19.23	10.83	N/C	11.52	N/C	15.26
1	6	2.4	3	18.07	N/C	19.23	10.83	N/C	11.52	N/C	15.26
1	7	2.8	3	36.25	N/C	26.29	21.71	N/C	15.75	N/C	20.83
1	8	3.2	3	INF	N/C	80.33	INF	N/C	48.12	N/C	63.42
1	9	3.6	3	INF	N/C	38.88	INF	N/C	23.29	N/C	30.74
1	10	4.0	3	INF	N/C	38.88	INF	N/C	23.29	N/C	30.74

* 2	0.0	3	WORST CASE OPERATING	MOMENT RATING =	1.92						
* 2	0.0	3	WORST CASE OPERATING	SHEAR RATING =	2.27						
* 2	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	1.15						
* 2	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	1.36						
2	0	4.0	3	2.27	N/C	1.92	1.36	N/C	1.15	N/C	1.77
2	1	5.3	3	2.27	N/C	2.55	1.36	N/C	1.53	N/C	2.26
2	2	6.5	3	2.27	N/C	8.21	1.36	N/C	4.92	N/C	6.64
2	3	7.8	3	2.40	N/C	10.18	1.44	N/C	6.10	N/C	8.16
2	4	9.0	3	3.29	N/C	7.80	1.97	N/C	4.68	N/C	6.34
2	5	10.3	3	4.32	N/C	5.92	2.59	N/C	3.55	N/C	4.87
2	6	11.5	3	7.29	N/C	5.10	4.37	N/C	3.06	N/C	4.23
2	7	12.8	3	6.58	N/C	5.01	3.94	N/C	3.00	N/C	4.15
2	8	14.0	3	5.08	N/C	6.09	3.04	N/C	3.65	N/C	4.99
2	9	15.3	3	5.08	N/C	8.86	3.04	N/C	5.31	N/C	7.15
2	10	16.5	3	5.08	N/C	INF	3.04	N/C	INF	N/C	INF

* 3	0.0	3	WORST CASE OPERATING	MOMENT RATING =	0.61						
* 3	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.22						
* 3	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.37						
* 3	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	0.73						
3	0	16.5	3	1.22	N/C	0.61	0.73	N/C	0.37	N/C	0.88
3	1	18.4	3	1.22	N/C	1.14	0.73	N/C	0.69	N/C	1.28
3	2	20.2	3	1.60	N/C	4.41	0.96	N/C	2.64	N/C	3.70
3	3	22.1	3	2.02	N/C	7.52	1.21	N/C	4.50	N/C	6.10
3	4	23.9	3	2.47	N/C	4.16	1.48	N/C	2.49	N/C	3.53
3	5	25.8	3	3.40	N/C	2.79	2.04	N/C	1.67	N/C	2.48
3	6	27.6	3	5.20	N/C	2.41	3.12	N/C	1.45	N/C	2.19
3	7	29.5	3	5.10	N/C	2.40	3.06	N/C	1.44	N/C	2.17
3	8	31.3	3	3.44	N/C	2.92	2.06	N/C	1.75	N/C	2.57
3	9	33.2	3	2.96	N/C	5.14	1.77	N/C	3.08	N/C	4.30
3	10	35.0	3	2.96	N/C	INF	1.77	N/C	INF	N/C	INF

* 4	0.0	3	WORST CASE OPERATING	MOMENT RATING =	0.61						
* 4	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.22						
* 4	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.37						
* 4	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	0.73						
4	0	35.0	3	1.22	N/C	0.61	0.73	N/C	0.37	N/C	0.88
4	1	36.8	3	1.22	N/C	1.14	0.73	N/C	0.69	N/C	1.28
4	2	38.7	3	1.60	N/C	4.41	0.96	N/C	2.64	N/C	3.70
4	3	40.5	3	2.02	N/C	7.52	1.21	N/C	4.50	N/C	6.10
4	4	42.4	3	2.47	N/C	4.16	1.48	N/C	2.49	N/C	3.53
4	5	44.2	3	3.40	N/C	2.79	2.04	N/C	1.67	N/C	2.48
4	6	46.1	3	5.20	N/C	2.41	3.12	N/C	1.45	N/C	2.19
4	7	47.9	3	5.10	N/C	2.40	3.06	N/C	1.44	N/C	2.17
4	8	49.8	3	3.44	N/C	2.92	2.06	N/C	1.75	N/C	2.57
4	9	51.6	3	2.96	N/C	5.14	1.77	N/C	3.08	N/C	4.30
4	10	53.5	3	2.96	N/C	20.29	1.77	N/C	12.15	N/C	16.14

* 5	0.0	3	WORST CASE OPERATING	MOMENT RATING =	0.63						
* 5	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.26						
* 5	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.38						
* 5	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	0.76						
5	0	53.5	3	1.26	N/C	0.63	0.76	N/C	0.38	N/C	0.89
5	1	55.3	3	1.26	N/C	1.18	0.76	N/C	0.71	N/C	1.31
5	2	57.2	3	1.63	N/C	4.60	0.98	N/C	2.76	N/C	3.84
5	3	59.0	3	2.03	N/C	7.32	1.21	N/C	4.38	N/C	5.95
5	4	60.9	3	2.48	N/C	4.08	1.49	N/C	2.45	N/C	3.47
5	5	62.7	3	3.42	N/C	2.75	2.05	N/C	1.65	N/C	2.45
5	6	64.6	3	5.23	N/C	2.39	3.13	N/C	1.43	N/C	2.17
5	7	66.4	3	5.07	N/C	2.39	3.03	N/C	1.43	N/C	2.16
5	8	68.3	3	3.42	N/C	2.91	2.05	N/C	1.74	N/C	2.56
5	9	70.1	3	2.95	N/C	5.13	1.77	N/C	3.07	N/C	4.28
5	10	72.0	3	2.95	N/C	20.24	1.77	N/C	12.13	N/C	16.11

* 6	0.0	3	WORST CASE OPERATING	MOMENT RATING =	0.64						
* 6	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.52						
* 6	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.38						

* 6	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	0.91				
6 0	72.0	3	1.52 N/C 0.64	0.91 N/C	0.38	N/C	0.86		
6 1	73.8	3	1.52 N/C 1.15	0.91 N/C	0.69	N/C	1.24		
6 2	75.7	3	1.58 N/C 3.79	0.94 N/C	2.27	N/C	3.23		
6 3	77.5	3	1.99 N/C 8.58	1.19 N/C	5.14	N/C	6.18		
6 4	79.4	3	2.42 N/C 4.51	1.45 N/C	2.70	N/C	3.81		
6 5	81.2	3	3.34 N/C 2.93	2.00 N/C	1.76	N/C	2.59		
6 6	83.1	3	5.10 N/C 2.50	3.05 N/C	1.50	N/C	2.25		
6 7	84.9	3	5.25 N/C 2.47	3.15 N/C	1.48	N/C	2.22		
6 8	86.8	3	3.51 N/C 2.97	2.10 N/C	1.78	N/C	2.61		
6 9	88.6	3	3.01 N/C 5.20	1.81 N/C	3.11	N/C	4.34		
6 10	90.5	3	3.01 N/C 20.46	1.81 N/C	12.26	N/C	16.27		
* 7	0.0	3	WORST CASE OPERATING	MOMENT RATING =	0.59				
* 7	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.25				
* 7	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.35				
* 7	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	0.75				
7 0	90.5	3	1.25 N/C 0.59	0.75 N/C	0.35	N/C	0.85		
7 1	92.3	3	1.25 N/C 1.09	0.75 N/C	0.66	N/C	1.24		
7 2	94.2	3	1.62 N/C 4.12	0.97 N/C	2.47	N/C	3.48		
7 3	96.0	3	2.01 N/C 7.94	1.20 N/C	4.76	N/C	6.42		
7 4	97.9	3	2.45 N/C 4.31	1.47 N/C	2.58	N/C	3.65		
7 5	99.7	3	3.11 N/C 2.25	1.86 N/C	1.35	N/C	2.06		
7 6	101.6	3	5.17 N/C 2.44	3.10 N/C	1.46	N/C	2.21		
7 7	103.4	3	5.15 N/C 2.41	3.08 N/C	1.45	N/C	2.19		
7 8	105.3	3	3.46 N/C 2.93	2.07 N/C	1.75	N/C	2.58		
7 9	107.1	3	2.97 N/C 5.15	1.78 N/C	3.09	N/C	4.31		
7 10	109.0	3	2.97 N/C 20.34	1.78 N/C	12.18	N/C	16.19		
* 8	0.0	3	WORST CASE OPERATING	MOMENT RATING =	0.64				
* 8	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.52				
* 8	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.38				
* 8	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	0.91				
8 0	109.0	3	1.52 N/C 0.64	0.91 N/C	0.38	N/C	0.86		
8 1	110.8	3	1.52 N/C 1.15	0.91 N/C	0.69	N/C	1.24		
8 2	112.7	3	1.58 N/C 3.79	0.94 N/C	2.27	N/C	3.23		
8 3	114.5	3	1.99 N/C 8.58	1.19 N/C	5.14	N/C	6.18		
8 4	116.4	3	2.42 N/C 4.51	1.45 N/C	2.70	N/C	3.81		
8 5	118.2	3	3.34 N/C 2.93	2.00 N/C	1.76	N/C	2.59		
8 6	120.1	3	5.10 N/C 2.50	3.05 N/C	1.50	N/C	2.25		
8 7	121.9	3	5.25 N/C 2.47	3.15 N/C	1.48	N/C	2.22		
8 8	123.8	3	3.51 N/C 2.97	2.10 N/C	1.78	N/C	2.61		
8 9	125.6	3	3.01 N/C 5.20	1.81 N/C	3.11	N/C	4.34		
8 10	127.5	3	3.01 N/C 20.46	1.81 N/C	12.26	N/C	16.27		
* 9	0.0	3	WORST CASE OPERATING	MOMENT RATING =	1.29				
* 9	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.97				
* 9	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.77				
* 9	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	1.18				
9 0	127.5	3	1.97 N/C 1.29	1.18 N/C	0.77	N/C	1.34		
9 1	129.4	3	1.97 N/C 2.20	1.18 N/C	1.32	N/C	2.03		
9 2	131.2	3	2.06 N/C 8.62	1.24 N/C	5.17	N/C	6.93		
9 3	133.1	3	2.84 N/C 7.74	1.70 N/C	4.64	N/C	6.28		
9 4	134.9	3	3.81 N/C 5.10	2.28 N/C	3.06	N/C	4.25		
9 5	136.8	3	6.16 N/C 4.31	3.69 N/C	2.58	N/C	3.65		
9 6	138.6	3	4.24 N/C 4.79	2.54 N/C	2.87	N/C	4.01		
9 7	140.5	3	3.12 N/C 6.43	1.87 N/C	3.85	N/C	5.28		
9 8	142.3	3	2.22 N/C 3.28	1.33 N/C	1.97	N/C	2.51		
9 9	144.2	3	1.97 N/C 2.96	1.18 N/C	1.77	N/C	2.61		
9 10	146.0	3	1.97 N/C 1.29	1.18 N/C	0.77	N/C	1.34		
*10	0.0	3	WORST CASE OPERATING	MOMENT RATING =	1.29				
*10	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.97				
*10	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.77				
*10	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	1.18				
10 0	146.0	3	1.97 N/C 1.29	1.18 N/C	0.77	N/C	1.34		
10 1	147.9	3	1.97 N/C 2.20	1.18 N/C	1.32	N/C	2.03		
10 2	149.7	3	2.06 N/C 8.62	1.24 N/C	5.17	N/C	6.93		
10 3	151.6	3	2.84 N/C 7.74	1.70 N/C	4.64	N/C	6.28		
10 4	153.4	3	3.81 N/C 5.10	2.28 N/C	3.06	N/C	4.25		
10 5	155.3	3	6.16 N/C 4.31	3.69 N/C	2.58	N/C	3.65		
10 6	157.1	3	4.24 N/C 4.79	2.54 N/C	2.87	N/C	4.01		
10 7	159.0	3	3.12 N/C 6.43	1.87 N/C	3.85	N/C	5.28		
10 8	160.8	3	2.22 N/C 3.28	1.33 N/C	1.97	N/C	2.51		
10 9	162.7	3	1.97 N/C 2.96	1.18 N/C	1.77	N/C	2.61		
10 10	164.5	3	1.97 N/C 1.29	1.18 N/C	0.77	N/C	1.34		
*11	18.0	3	WORST CASE OPERATING	MOMENT RATING =	0.64				
*11	15.5	3	WORST CASE OPERATING	SHEAR RATING =	1.52				
*11	18.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.38				
*11	15.5	3	WORST CASE INVENTORY	SHEAR RATING =	0.91				
11 0	164.5	3	3.01 N/C INF	1.81 N/C	INF	N/C	INF		
11 1	166.4	3	3.01 N/C 6.88	1.81 N/C	4.12	N/C	5.65		
11 2	168.2	3	3.20 N/C 3.29	1.92 N/C	1.97	N/C	2.85		
11 3	170.1	3	4.72 N/C 2.54	2.82 N/C	1.52	N/C	2.28		
11 4	171.9	3	5.81 N/C 2.46	3.48 N/C	1.47	N/C	2.22		
11 5	173.8	3	3.67 N/C 2.76	2.20 N/C	1.65	N/C	2.45		
11 6	175.6	3	2.61 N/C 3.95	1.56 N/C	2.36	N/C	3.37		
11 7	177.5	3	2.11 N/C 6.61	1.27 N/C	3.96	N/C	5.41		
11 8	179.3	3	1.66 N/C 0.85	1.00 N/C	0.51	N/C	0.84		

11	9	181.2	3	1.52	N/C	1.53	0.91	N/C	0.92	N/C	1.53
11	10	183.0	3	1.52	N/C	0.64	0.91	N/C	0.38	N/C	0.86
*12		18.0	3	WORST CASE OPERATING				MOMENT RATING =		0.64	
*12		15.5	3	WORST CASE OPERATING				SHEAR RATING =		1.52	
*12		18.0	3	WORST CASE INVENTORY				MOMENT RATING =		0.38	
*12		15.5	3	WORST CASE INVENTORY				SHEAR RATING =		0.91	
12	0	183.0	3	3.01	N/C	INF	1.81	N/C	INF	N/C	INF
12	1	184.9	3	3.01	N/C	6.88	1.81	N/C	4.12	N/C	5.65
12	2	186.7	3	3.20	N/C	3.29	1.92	N/C	1.97	N/C	2.85
12	3	188.6	3	4.72	N/C	2.54	2.82	N/C	1.52	N/C	2.28
12	4	190.4	3	5.81	N/C	2.46	3.48	N/C	1.47	N/C	2.22
12	5	192.3	3	3.67	N/C	2.76	2.20	N/C	1.65	N/C	2.45
12	6	194.1	3	2.61	N/C	3.95	1.56	N/C	2.36	N/C	3.37
12	7	196.0	3	2.11	N/C	6.61	1.27	N/C	3.96	N/C	5.41
12	8	197.8	3	1.66	N/C	0.85	1.00	N/C	0.51	N/C	0.84
12	9	199.7	3	1.52	N/C	1.53	0.91	N/C	0.92	N/C	1.53
12	10	201.5	3	1.52	N/C	0.64	0.91	N/C	0.38	N/C	0.86
*13		18.0	3	WORST CASE OPERATING				MOMENT RATING =		0.63	
*13		16.0	3	WORST CASE OPERATING				SHEAR RATING =		1.23	
*13		18.0	3	WORST CASE INVENTORY				MOMENT RATING =		0.38	
*13		16.0	3	WORST CASE INVENTORY				SHEAR RATING =		0.74	
13	0	201.5	3	2.95	N/C	INF	1.77	N/C	INF	N/C	INF
13	1	203.4	3	2.95	N/C	6.79	1.77	N/C	4.07	N/C	5.59
13	2	205.2	3	3.12	N/C	3.22	1.87	N/C	1.93	N/C	2.80
13	3	207.1	3	4.56	N/C	2.46	2.73	N/C	1.48	N/C	2.22
13	4	208.9	3	5.96	N/C	2.35	3.57	N/C	1.41	N/C	2.14
13	5	210.8	3	3.76	N/C	2.60	2.25	N/C	1.56	N/C	2.33
13	6	212.6	3	2.67	N/C	3.61	1.60	N/C	2.16	N/C	3.11
13	7	214.5	3	2.16	N/C	5.76	1.29	N/C	3.45	N/C	4.76
13	8	216.3	3	1.70	N/C	1.26	1.02	N/C	0.76	N/C	1.11
13	9	218.2	3	1.23	N/C	1.59	0.74	N/C	0.95	N/C	1.63
13	10	220.0	3	1.23	N/C	0.63	0.74	N/C	0.38	N/C	0.89
*14		18.0	3	WORST CASE OPERATING				MOMENT RATING =		0.63	
*14		16.0	3	WORST CASE OPERATING				SHEAR RATING =		1.23	
*14		18.0	3	WORST CASE INVENTORY				MOMENT RATING =		0.38	
*14		16.0	3	WORST CASE INVENTORY				SHEAR RATING =		0.74	
14	0	220.0	3	2.95	N/C	INF	1.77	N/C	INF	N/C	INF
14	1	221.9	3	2.95	N/C	6.79	1.77	N/C	4.07	N/C	5.59
14	2	223.7	3	3.12	N/C	3.22	1.87	N/C	1.93	N/C	2.80
14	3	225.6	3	4.56	N/C	2.46	2.73	N/C	1.48	N/C	2.22
14	4	227.4	3	5.96	N/C	2.35	3.57	N/C	1.41	N/C	2.14
14	5	229.3	3	3.76	N/C	2.60	2.25	N/C	1.56	N/C	2.33
14	6	231.1	3	2.67	N/C	3.61	1.60	N/C	2.16	N/C	3.11
14	7	233.0	3	2.16	N/C	5.76	1.29	N/C	3.45	N/C	4.76
14	8	234.8	3	1.70	N/C	1.26	1.02	N/C	0.76	N/C	1.11
14	9	236.7	3	1.23	N/C	1.59	0.74	N/C	0.95	N/C	1.58
14	10	238.5	3	1.23	N/C	0.63	0.74	N/C	0.38	N/C	0.86
*15		18.0	3	WORST CASE OPERATING				MOMENT RATING =		0.61	
*15		17.0	3	WORST CASE OPERATING				SHEAR RATING =		1.22	
*15		18.0	3	WORST CASE INVENTORY				MOMENT RATING =		0.37	
*15		17.0	3	WORST CASE INVENTORY				SHEAR RATING =		0.73	
15	0	238.5	3	2.96	N/C	INF	1.77	N/C	INF	N/C	INF
15	1	240.4	3	2.96	N/C	6.81	1.77	N/C	4.08	N/C	5.60
15	2	242.2	3	3.14	N/C	3.24	1.88	N/C	1.94	N/C	2.81
15	3	244.1	3	4.59	N/C	2.48	2.75	N/C	1.48	N/C	2.23
15	4	245.9	3	5.93	N/C	2.37	3.55	N/C	1.42	N/C	2.16
15	5	247.8	3	3.74	N/C	2.63	2.24	N/C	1.58	N/C	2.36
15	6	249.6	3	2.66	N/C	3.67	1.59	N/C	2.20	N/C	3.16
15	7	251.5	3	2.15	N/C	5.90	1.29	N/C	3.53	N/C	4.87
15	8	253.3	3	1.69	N/C	1.17	1.01	N/C	0.70	N/C	1.05
15	9	255.2	3	1.37	N/C	1.55	0.82	N/C	0.93	N/C	1.54
15	10	257.0	3	1.22	N/C	0.61	0.73	N/C	0.37	N/C	0.88
*16		18.0	3	WORST CASE OPERATING				MOMENT RATING =		0.64	
*16		15.5	3	WORST CASE OPERATING				SHEAR RATING =		1.52	
*16		18.0	3	WORST CASE INVENTORY				MOMENT RATING =		0.38	
*16		15.5	3	WORST CASE INVENTORY				SHEAR RATING =		0.91	
16	0	257.0	3	3.01	N/C	INF	1.81	N/C	INF	N/C	INF
16	1	258.9	3	3.01	N/C	6.88	1.81	N/C	4.12	N/C	5.65
16	2	260.7	3	3.20	N/C	3.29	1.92	N/C	1.97	N/C	2.85
16	3	262.6	3	4.72	N/C	2.54	2.82	N/C	1.52	N/C	2.28
16	4	264.4	3	5.81	N/C	2.46	3.48	N/C	1.47	N/C	2.22
16	5	266.3	3	3.67	N/C	2.76	2.20	N/C	1.65	N/C	2.45
16	6	268.1	3	2.61	N/C	3.95	1.56	N/C	2.36	N/C	3.37
16	7	270.0	3	2.11	N/C	6.61	1.27	N/C	3.96	N/C	5.41
16	8	271.8	3	1.66	N/C	0.85	1.00	N/C	0.51	N/C	0.84
16	9	273.7	3	1.52	N/C	1.53	0.91	N/C	0.92	N/C	1.53
16	10	275.5	3	1.52	N/C	0.64	0.91	N/C	0.38	N/C	0.86
*17		18.0	3	WORST CASE OPERATING				MOMENT RATING =		0.64	
*17		15.5	3	WORST CASE OPERATING				SHEAR RATING =		1.52	
*17		18.0	3	WORST CASE INVENTORY				MOMENT RATING =		0.38	
*17		15.5	3	WORST CASE INVENTORY				SHEAR RATING =		0.91	
17	0	275.5	3	3.01	N/C	INF	1.81	N/C	INF	N/C	INF
17	1	277.4	3	3.01	N/C	6.88	1.81	N/C	4.12	N/C	5.65
17	2	279.2	3	3.20	N/C	3.29	1.92	N/C	1.97	N/C	2.85

17	3	281.1	3	4.72	N/C	2.54	2.82	N/C	1.52	N/C	2.28
17	4	282.9	3	5.81	N/C	2.46	3.48	N/C	1.47	N/C	2.22
17	5	284.8	3	3.67	N/C	2.76	2.20	N/C	1.65	N/C	2.45
17	6	286.6	3	2.61	N/C	3.95	1.56	N/C	2.36	N/C	3.37
17	7	288.5	3	2.11	N/C	6.61	1.27	N/C	3.96	N/C	5.41
17	8	290.3	3	1.66	N/C	0.85	1.00	N/C	0.51	N/C	0.84
17	9	292.2	3	1.52	N/C	1.53	0.91	N/C	0.92	N/C	1.53
17	10	294.0	3	1.52	N/C	0.64	0.91	N/C	0.38	N/C	0.86

*18	0.0	3	WORST CASE OPERATING	MOMENT RATING =	0.57						
*18	0.0	3	WORST CASE OPERATING	SHEAR RATING =	1.45						
*18	0.0	3	WORST CASE INVENTORY	MOMENT RATING =	0.34						
*18	0.0	3	WORST CASE INVENTORY	SHEAR RATING =	0.87						
18	0	294.0	3	1.45	N/C	0.57	0.87	N/C	0.34	N/C	0.82
18	1	295.9	3	1.45	N/C	1.05	0.87	N/C	0.63	N/C	1.17
18	2	297.8	3	1.51	N/C	3.41	0.91	N/C	2.04	N/C	2.94
18	3	299.7	3	1.92	N/C	8.56	1.15	N/C	5.13	N/C	5.71
18	4	301.6	3	2.50	N/C	3.95	1.50	N/C	2.36	N/C	3.37
18	5	303.5	3	3.16	N/C	2.91	1.89	N/C	1.74	N/C	2.58
18	6	305.4	3	4.67	N/C	2.41	2.80	N/C	1.44	N/C	2.18
18	7	307.3	3	5.00	N/C	2.37	3.00	N/C	1.42	N/C	2.15
18	8	309.2	3	3.39	N/C	2.88	2.03	N/C	1.73	N/C	2.54
18	9	311.1	3	2.93	N/C	5.11	1.75	N/C	3.06	N/C	4.27
18	10	313.0	3	2.93	N/C	20.15	1.75	N/C	12.07	N/C	16.04

* 1	0.0	4	WORST CASE OPERATING	MOMENT RATING =	8.77						
* 1	2.0	4	WORST CASE OPERATING	SHEAR RATING =	17.51						
* 1	0.0	4	WORST CASE INVENTORY	MOMENT RATING =	5.25						
* 1	2.0	4	WORST CASE INVENTORY	SHEAR RATING =	10.49						
1	0	0.0	4	INF	N/C	8.77	INF	N/C	5.25	N/C	6.97
1	1	0.4	4	INF	N/C	8.77	INF	N/C	5.25	N/C	6.97
1	2	0.8	4	INF	N/C	8.77	INF	N/C	5.25	N/C	6.97
1	3	1.2	4	INF	N/C	77.81	INF	N/C	46.61	N/C	61.50
1	4	1.6	4	INF	N/C	29.10	INF	N/C	17.44	N/C	23.06
1	5	2.0	4	17.51	N/C	21.29	10.49	N/C	12.76	N/C	16.90
1	6	2.4	4	17.51	N/C	21.29	10.49	N/C	12.76	N/C	16.90
1	7	2.8	4	35.12	N/C	29.11	21.04	N/C	17.44	N/C	23.06
1	8	3.2	4	INF	N/C	77.82	INF	N/C	46.62	N/C	61.43
1	9	3.6	4	INF	N/C	43.05	INF	N/C	25.79	N/C	34.03
1	10	4.0	4	INF	N/C	43.05	INF	N/C	25.79	N/C	34.03

* 2	0.0	4	WORST CASE OPERATING	MOMENT RATING =	2.13						
* 2	0.0	4	WORST CASE OPERATING	SHEAR RATING =	2.51						
* 2	0.0	4	WORST CASE INVENTORY	MOMENT RATING =	1.27						
* 2	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	1.50						
2	0	4.0	4	2.51	N/C	2.13	1.50	N/C	1.27	N/C	1.96
2	1	5.3	4	2.51	N/C	2.83	1.50	N/C	1.69	N/C	2.50
2	2	6.5	4	2.51	N/C	9.09	1.50	N/C	5.44	N/C	7.35
2	3	7.8	4	2.66	N/C	9.92	1.59	N/C	5.95	N/C	7.96
2	4	9.0	4	3.64	N/C	8.64	2.18	N/C	5.18	N/C	7.01
2	5	10.3	4	4.78	N/C	6.56	2.86	N/C	3.93	N/C	5.39
2	6	11.5	4	7.61	N/C	5.65	4.56	N/C	3.38	N/C	4.69
2	7	12.8	4	7.28	N/C	5.55	4.36	N/C	3.32	N/C	4.60
2	8	14.0	4	5.62	N/C	6.75	3.37	N/C	4.04	N/C	5.53
2	9	15.3	4	5.62	N/C	9.81	3.37	N/C	5.87	N/C	7.91
2	10	16.5	4	5.62	N/C	INF	3.37	N/C	INF	N/C	INF

* 3	0.0	4	WORST CASE OPERATING	MOMENT RATING =	0.68						
* 3	0.0	4	WORST CASE OPERATING	SHEAR RATING =	1.35						
* 3	0.0	4	WORST CASE INVENTORY	MOMENT RATING =	0.41						
* 3	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	0.81						
3	0	16.5	4	1.35	N/C	0.68	0.81	N/C	0.41	N/C	0.97
3	1	18.4	4	1.35	N/C	1.27	0.81	N/C	0.76	N/C	1.42
3	2	20.2	4	1.77	N/C	4.89	1.06	N/C	2.93	N/C	4.10
3	3	22.1	4	2.24	N/C	8.32	1.34	N/C	4.99	N/C	6.75
3	4	23.9	4	2.73	N/C	4.60	1.64	N/C	2.76	N/C	3.91
3	5	25.8	4	3.77	N/C	3.09	2.26	N/C	1.85	N/C	2.74
3	6	27.6	4	5.76	N/C	2.67	3.45	N/C	1.60	N/C	2.42
3	7	29.5	4	5.65	N/C	2.66	3.38	N/C	1.59	N/C	2.41
3	8	31.3	4	3.81	N/C	3.23	2.28	N/C	1.94	N/C	2.84
3	9	33.2	4	3.28	N/C	5.69	1.96	N/C	3.41	N/C	4.76
3	10	35.0	4	3.28	N/C	INF	1.96	N/C	INF	N/C	INF

* 4	0.0	4	WORST CASE OPERATING	MOMENT RATING =	0.68						
* 4	0.0	4	WORST CASE OPERATING	SHEAR RATING =	1.35						
* 4	0.0	4	WORST CASE INVENTORY	MOMENT RATING =	0.41						
* 4	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	0.81						
4	0	35.0	4	1.35	N/C	0.68	0.81	N/C	0.41	N/C	0.97
4	1	36.8	4	1.35	N/C	1.27	0.81	N/C	0.76	N/C	1.42
4	2	38.7	4	1.77	N/C	4.89	1.06	N/C	2.93	N/C	4.10
4	3	40.5	4	2.24	N/C	8.32	1.34	N/C	4.99	N/C	6.75
4	4	42.4	4	2.73	N/C	4.60	1.64	N/C	2.76	N/C	3.91
4	5	44.2	4	3.77	N/C	3.09	2.26	N/C	1.85	N/C	2.74
4	6	46.1	4	5.76	N/C	2.67	3.45	N/C	1.60	N/C	2.42
4	7	47.9	4	5.65	N/C	2.66	3.38	N/C	1.59	N/C	2.41
4	8	49.8	4	3.81	N/C	3.23	2.28	N/C	1.94	N/C	2.84
4	9	51.6	4	3.28	N/C	5.69	1.96	N/C	3.41	N/C	4.76
4	10	53.5	4	3.28	N/C	22.60	1.96	N/C	13.54	N/C	17.98

* 5	0.0	4	WORST CASE OPERATING	MOMENT RATING =	0.70						
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* 5	0.0	4	WORST CASE OPERATING	SHEAR RATING =	1.40					
* 5	0.0	4	WORST CASE INVENTORY	MOMENT RATING =	0.42					
* 5	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	0.84					
5 0	53.5	4	1.40	N/C	0.70	0.84	N/C	0.42	N/C	0.99
5 1	55.3	4	1.40	N/C	1.30	0.84	N/C	0.78	N/C	1.45
5 2	57.2	4	1.80	N/C	5.09	1.08	N/C	3.05	N/C	4.26
5 3	59.0	4	2.24	N/C	8.10	1.34	N/C	4.85	N/C	6.58
5 4	60.9	4	2.74	N/C	4.52	1.64	N/C	2.71	N/C	3.85
5 5	62.7	4	3.79	N/C	3.05	2.27	N/C	1.83	N/C	2.71
5 6	64.6	4	5.79	N/C	2.65	3.47	N/C	1.59	N/C	2.40
5 7	66.4	4	5.61	N/C	2.64	3.36	N/C	1.58	N/C	2.39
5 8	68.3	4	3.79	N/C	3.22	2.27	N/C	1.93	N/C	2.83
5 9	70.1	4	3.26	N/C	5.67	1.95	N/C	3.40	N/C	4.74
5 10	72.0	4	3.26	N/C	22.55	1.95	N/C	13.51	N/C	17.94
* 6	0.0	4	WORST CASE OPERATING	MOMENT RATING =	0.71					
* 6	0.0	4	WORST CASE OPERATING	SHEAR RATING =	1.68					
* 6	0.0	4	WORST CASE INVENTORY	MOMENT RATING =	0.43					
* 6	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	1.01					
6 0	72.0	4	1.68	N/C	0.71	1.01	N/C	0.43	N/C	0.96
6 1	73.8	4	1.68	N/C	1.28	1.01	N/C	0.76	N/C	1.38
6 2	75.7	4	1.74	N/C	4.19	1.05	N/C	2.51	N/C	3.57
6 3	77.5	4	2.20	N/C	9.41	1.32	N/C	5.64	N/C	6.84
6 4	79.4	4	2.68	N/C	5.00	1.61	N/C	2.99	N/C	4.22
6 5	81.2	4	3.70	N/C	3.25	2.21	N/C	1.94	N/C	2.87
6 6	83.1	4	5.64	N/C	2.77	3.38	N/C	1.66	N/C	2.50
6 7	84.9	4	5.82	N/C	2.73	3.48	N/C	1.64	N/C	2.46
6 8	86.8	4	3.89	N/C	3.29	2.33	N/C	1.97	N/C	2.89
6 9	88.6	4	3.34	N/C	5.76	2.00	N/C	3.45	N/C	4.80
6 10	90.5	4	3.34	N/C	22.78	2.00	N/C	13.64	N/C	18.12
* 7	0.0	4	WORST CASE OPERATING	MOMENT RATING =	0.65					
* 7	0.0	4	WORST CASE OPERATING	SHEAR RATING =	1.39					
* 7	0.0	4	WORST CASE INVENTORY	MOMENT RATING =	0.39					
* 7	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	0.83					
7 0	90.5	4	1.39	N/C	0.65	0.83	N/C	0.39	N/C	0.94
7 1	92.3	4	1.39	N/C	1.21	0.83	N/C	0.73	N/C	1.37
7 2	94.2	4	1.79	N/C	4.57	1.07	N/C	2.74	N/C	3.85
7 3	96.0	4	2.22	N/C	8.76	1.33	N/C	5.25	N/C	7.08
7 4	97.9	4	2.72	N/C	4.77	1.63	N/C	2.86	N/C	4.04
7 5	99.7	4	3.44	N/C	2.50	2.06	N/C	1.49	N/C	2.29
7 6	101.6	4	5.72	N/C	2.70	3.43	N/C	1.62	N/C	2.45
7 7	103.4	4	5.70	N/C	2.67	3.41	N/C	1.60	N/C	2.42
7 8	105.3	4	3.83	N/C	3.24	2.29	N/C	1.94	N/C	2.86
7 9	107.1	4	3.29	N/C	5.70	1.97	N/C	3.42	N/C	4.77
7 10	109.0	4	3.29	N/C	22.65	1.97	N/C	13.57	N/C	18.02
* 8	0.0	4	WORST CASE OPERATING	MOMENT RATING =	0.71					
* 8	0.0	4	WORST CASE OPERATING	SHEAR RATING =	1.68					
* 8	0.0	4	WORST CASE INVENTORY	MOMENT RATING =	0.43					
* 8	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	1.01					
8 0	109.0	4	1.68	N/C	0.71	1.01	N/C	0.43	N/C	0.96
8 1	110.8	4	1.68	N/C	1.28	1.01	N/C	0.76	N/C	1.38
8 2	112.7	4	1.74	N/C	4.19	1.05	N/C	2.51	N/C	3.57
8 3	114.5	4	2.20	N/C	9.41	1.32	N/C	5.64	N/C	6.84
8 4	116.4	4	2.68	N/C	5.00	1.61	N/C	2.99	N/C	4.22
8 5	118.2	4	3.70	N/C	3.25	2.21	N/C	1.94	N/C	2.87
8 6	120.1	4	5.64	N/C	2.77	3.38	N/C	1.66	N/C	2.50
8 7	121.9	4	5.82	N/C	2.73	3.48	N/C	1.64	N/C	2.46
8 8	123.8	4	3.89	N/C	3.29	2.33	N/C	1.97	N/C	2.89
8 9	125.6	4	3.34	N/C	5.76	2.00	N/C	3.45	N/C	4.80
8 10	127.5	4	3.34	N/C	22.78	2.00	N/C	13.64	N/C	18.12
* 9	18.0	4	WORST CASE OPERATING	MOMENT RATING =	1.43					
* 9	0.0	4	WORST CASE OPERATING	SHEAR RATING =	2.18					
* 9	18.0	4	WORST CASE INVENTORY	MOMENT RATING =	0.86					
* 9	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	1.30					
9 0	127.5	4	2.18	N/C	1.43	1.30	N/C	0.86	N/C	1.48
9 1	129.4	4	2.18	N/C	2.43	1.30	N/C	1.46	N/C	2.25
9 2	131.2	4	2.28	N/C	9.55	1.37	N/C	5.72	N/C	7.67
9 3	133.1	4	3.15	N/C	8.57	1.89	N/C	5.13	N/C	6.96
9 4	134.9	4	4.22	N/C	5.65	2.53	N/C	3.38	N/C	4.71
9 5	136.8	4	6.82	N/C	4.77	4.08	N/C	2.86	N/C	4.04
9 6	138.6	4	4.70	N/C	5.30	2.82	N/C	3.18	N/C	4.44
9 7	140.5	4	3.45	N/C	7.12	2.07	N/C	4.27	N/C	5.85
9 8	142.3	4	2.46	N/C	3.63	1.47	N/C	2.18	N/C	2.78
9 9	144.2	4	2.18	N/C	3.28	1.30	N/C	1.96	N/C	2.89
9 10	146.0	4	2.18	N/C	1.43	1.30	N/C	0.86	N/C	1.48
*10	18.0	4	WORST CASE OPERATING	MOMENT RATING =	1.43					
*10	0.0	4	WORST CASE OPERATING	SHEAR RATING =	2.18					
*10	18.0	4	WORST CASE INVENTORY	MOMENT RATING =	0.86					
*10	0.0	4	WORST CASE INVENTORY	SHEAR RATING =	1.30					
10 0	146.0	4	2.18	N/C	1.43	1.30	N/C	0.86	N/C	1.48
10 1	147.9	4	2.18	N/C	2.43	1.30	N/C	1.46	N/C	2.25
10 2	149.7	4	2.28	N/C	9.55	1.37	N/C	5.72	N/C	7.67
10 3	151.6	4	3.15	N/C	8.57	1.89	N/C	5.13	N/C	6.96
10 4	153.4	4	4.22	N/C	5.65	2.53	N/C	3.38	N/C	4.71
10 5	155.3	4	6.82	N/C	4.77	4.08	N/C	2.86	N/C	4.04
10 6	157.1	4	4.70	N/C	5.30	2.82	N/C	3.18	N/C	4.44

10	7	159.0	4	3.45	N/C	7.12	2.07	N/C	4.27	N/C	5.85	
10	8	160.8	4	2.46	N/C	3.63	1.47	N/C	2.18	N/C	2.78	
10	9	162.7	4	2.18	N/C	3.28	1.30	N/C	1.96	N/C	2.89	
10	10	164.5	4	2.18	N/C	1.43	1.30	N/C	0.86	N/C	1.48	
*11		18.0	4	WORST CASE OPERATING MOMENT RATING = 0.71								
*11		15.5	4	WORST CASE OPERATING SHEAR RATING = 1.68								
*11		18.0	4	WORST CASE INVENTORY MOMENT RATING = 0.43								
*11		15.5	4	WORST CASE INVENTORY SHEAR RATING = 1.01								
11	0	164.5	4	3.34	N/C	INF	2.00	N/C	INF	N/C	INF	
11	1	166.4	4	3.34	N/C	7.63	2.00	N/C	4.57	N/C	6.27	
11	2	168.2	4	3.54	N/C	3.65	2.12	N/C	2.19	N/C	3.16	
11	3	170.1	4	5.22	N/C	2.81	3.13	N/C	1.69	N/C	2.52	
11	4	171.9	4	6.44	N/C	2.72	3.86	N/C	1.63	N/C	2.46	
11	5	173.8	4	4.06	N/C	3.05	2.43	N/C	1.83	N/C	2.72	
11	6	175.6	4	2.89	N/C	4.37	1.73	N/C	2.62	N/C	3.73	
11	7	177.5	4	2.34	N/C	7.32	1.40	N/C	4.38	N/C	5.99	
11	8	179.3	4	1.84	N/C	0.94	1.10	N/C	0.56	N/C	0.93	
11	9	181.2	4	1.68	N/C	1.70	1.01	N/C	1.02	N/C	1.69	
11	10	183.0	4	1.68	N/C	0.71	1.01	N/C	0.43	N/C	0.96	
*12		18.0	4	WORST CASE OPERATING MOMENT RATING = 0.71								
*12		15.5	4	WORST CASE OPERATING SHEAR RATING = 1.68								
*12		18.0	4	WORST CASE INVENTORY MOMENT RATING = 0.43								
*12		15.5	4	WORST CASE INVENTORY SHEAR RATING = 1.01								
12	0	183.0	4	3.34	N/C	INF	2.00	N/C	INF	N/C	INF	
12	1	184.9	4	3.34	N/C	7.63	2.00	N/C	4.57	N/C	6.27	
12	2	186.7	4	3.54	N/C	3.65	2.12	N/C	2.19	N/C	3.16	
12	3	188.6	4	5.22	N/C	2.81	3.13	N/C	1.69	N/C	2.52	
12	4	190.4	4	6.44	N/C	2.72	3.86	N/C	1.63	N/C	2.46	
12	5	192.3	4	4.06	N/C	3.05	2.43	N/C	1.83	N/C	2.72	
12	6	194.1	4	2.89	N/C	4.37	1.73	N/C	2.62	N/C	3.73	
12	7	196.0	4	2.34	N/C	7.32	1.40	N/C	4.38	N/C	5.99	
12	8	197.8	4	1.84	N/C	0.94	1.10	N/C	0.56	N/C	0.93	
12	9	199.7	4	1.68	N/C	1.70	1.01	N/C	1.02	N/C	1.69	
12	10	201.5	4	1.68	N/C	0.71	1.01	N/C	0.43	N/C	0.96	
*13		18.0	4	WORST CASE OPERATING MOMENT RATING = 0.70								
*13		16.0	4	WORST CASE OPERATING SHEAR RATING = 1.36								
*13		18.0	4	WORST CASE INVENTORY MOMENT RATING = 0.42								
*13		16.0	4	WORST CASE INVENTORY SHEAR RATING = 0.81								
13	0	201.5	4	3.26	N/C	INF	1.95	N/C	INF	N/C	INF	
13	1	203.4	4	3.26	N/C	7.54	1.95	N/C	4.51	N/C	6.20	
13	2	205.2	4	3.46	N/C	3.57	2.07	N/C	2.14	N/C	3.11	
13	3	207.1	4	5.05	N/C	2.73	3.02	N/C	1.63	N/C	2.45	
13	4	208.9	4	6.60	N/C	2.61	3.95	N/C	1.56	N/C	2.37	
13	5	210.8	4	4.16	N/C	2.88	2.49	N/C	1.73	N/C	2.58	
13	6	212.6	4	2.96	N/C	4.00	1.77	N/C	2.40	N/C	3.45	
13	7	214.5	4	2.39	N/C	6.38	1.43	N/C	3.82	N/C	5.27	
13	8	216.3	4	1.88	N/C	1.40	1.12	N/C	0.84	N/C	1.23	
13	9	218.2	4	1.36	N/C	1.76	0.81	N/C	1.06	N/C	1.81	
13	10	220.0	4	1.36	N/C	0.70	0.81	N/C	0.42	N/C	0.99	
*14		18.0	4	WORST CASE OPERATING MOMENT RATING = 0.70								
*14		16.0	4	WORST CASE OPERATING SHEAR RATING = 1.36								
*14		18.0	4	WORST CASE INVENTORY MOMENT RATING = 0.42								
*14		16.0	4	WORST CASE INVENTORY SHEAR RATING = 0.81								
14	0	220.0	4	3.26	N/C	INF	1.95	N/C	INF	N/C	INF	
14	1	221.9	4	3.26	N/C	7.54	1.95	N/C	4.51	N/C	6.20	
14	2	223.7	4	3.46	N/C	3.57	2.07	N/C	2.14	N/C	3.11	
14	3	225.6	4	5.05	N/C	2.73	3.02	N/C	1.63	N/C	2.45	
14	4	227.4	4	6.60	N/C	2.61	3.95	N/C	1.56	N/C	2.37	
14	5	229.3	4	4.16	N/C	2.88	2.49	N/C	1.73	N/C	2.58	
14	6	231.1	4	2.96	N/C	4.00	1.77	N/C	2.40	N/C	3.45	
14	7	233.0	4	2.39	N/C	6.38	1.43	N/C	3.82	N/C	5.27	
14	8	234.8	4	1.88	N/C	1.40	1.12	N/C	0.84	N/C	1.23	
14	9	236.7	4	1.36	N/C	1.76	0.81	N/C	1.06	N/C	1.74	
14	10	238.5	4	1.36	N/C	0.70	0.81	N/C	0.42	N/C	0.95	
*15		18.0	4	WORST CASE OPERATING MOMENT RATING = 0.68								
*15		17.0	4	WORST CASE OPERATING SHEAR RATING = 1.35								
*15		18.0	4	WORST CASE INVENTORY MOMENT RATING = 0.41								
*15		17.0	4	WORST CASE INVENTORY SHEAR RATING = 0.81								
15	0	238.5	4	3.28	N/C	INF	1.96	N/C	INF	N/C	INF	
15	1	240.4	4	3.28	N/C	7.56	1.96	N/C	4.53	N/C	6.21	
15	2	242.2	4	3.47	N/C	3.59	2.08	N/C	2.15	N/C	3.12	
15	3	244.1	4	5.08	N/C	2.74	3.04	N/C	1.64	N/C	2.47	
15	4	245.9	4	6.57	N/C	2.63	3.93	N/C	1.57	N/C	2.39	
15	5	247.8	4	4.14	N/C	2.91	2.48	N/C	1.75	N/C	2.61	
15	6	249.6	4	2.94	N/C	4.07	1.76	N/C	2.44	N/C	3.50	
15	7	251.5	4	2.38	N/C	6.53	1.43	N/C	3.91	N/C	5.39	
15	8	253.3	4	1.87	N/C	1.29	1.12	N/C	0.77	N/C	1.16	
15	9	255.2	4	1.52	N/C	1.71	0.91	N/C	1.03	N/C	1.70	
15	10	257.0	4	1.35	N/C	0.68	0.81	N/C	0.41	N/C	0.97	
*16		18.0	4	WORST CASE OPERATING MOMENT RATING = 0.71								
*16		15.5	4	WORST CASE OPERATING SHEAR RATING = 1.73								
*16		18.0	4	WORST CASE INVENTORY MOMENT RATING = 0.43								
*16		15.5	4	WORST CASE INVENTORY SHEAR RATING = 1.04								
16	0	257.0	4	3.34	N/C	INF	2.00	N/C	INF	N/C	INF	

16	1	258.9	4	3.34	N/C	7.73	2.00	N/C	4.63	N/C	6.35
16	2	260.7	4	3.54	N/C	3.65	2.12	N/C	2.19	N/C	3.16
16	3	262.6	4	5.22	N/C	2.83	3.13	N/C	1.69	N/C	2.53
16	4	264.4	4	6.44	N/C	2.72	3.86	N/C	1.63	N/C	2.46
16	5	266.3	4	4.06	N/C	3.05	2.43	N/C	1.83	N/C	2.72
16	6	268.1	4	3.06	N/C	4.37	1.83	N/C	2.62	N/C	3.73
16	7	270.0	4	2.45	N/C	7.32	1.47	N/C	4.38	N/C	5.99
16	8	271.8	4	1.90	N/C	0.94	1.14	N/C	0.56	N/C	0.93
16	9	273.7	4	1.73	N/C	1.70	1.04	N/C	1.02	N/C	1.69
16	10	275.5	4	1.73	N/C	0.71	1.04	N/C	0.43	N/C	0.96

*17		18.0	4	WORST CASE OPERATING				MOMENT RATING =		0.71		
*17		15.5	4	WORST CASE OPERATING				SHEAR RATING =		1.68		
*17		18.0	4	WORST CASE INVENTORY				MOMENT RATING =		0.43		
*17		15.5	4	WORST CASE INVENTORY				SHEAR RATING =		1.01		
17	0	275.5	4	3.34	N/C	INF	2.00	N/C	INF	N/C	INF	
17	1	277.4	4	3.34	N/C	7.63	2.00	N/C	4.57	N/C	6.27	
17	2	279.2	4	3.54	N/C	3.65	2.12	N/C	2.19	N/C	3.16	
17	3	281.1	4	5.22	N/C	2.81	3.13	N/C	1.69	N/C	2.52	
17	4	282.9	4	6.44	N/C	2.72	3.86	N/C	1.63	N/C	2.46	
17	5	284.8	4	4.06	N/C	3.05	2.43	N/C	1.83	N/C	2.72	
17	6	286.6	4	2.89	N/C	4.37	1.73	N/C	2.62	N/C	3.73	
17	7	288.5	4	2.34	N/C	7.32	1.40	N/C	4.38	N/C	5.99	
17	8	290.3	4	1.84	N/C	0.94	1.10	N/C	0.56	N/C	0.93	
17	9	292.2	4	1.68	N/C	1.70	1.01	N/C	1.02	N/C	1.69	
17	10	294.0	4	1.68	N/C	0.71	1.01	N/C	0.43	N/C	0.96	

*18		0.0	4	WORST CASE OPERATING				MOMENT RATING =		0.64		
*18		0.0	4	WORST CASE OPERATING				SHEAR RATING =		1.64		
*18		0.0	4	WORST CASE INVENTORY				MOMENT RATING =		0.38		
*18		0.0	4	WORST CASE INVENTORY				SHEAR RATING =		0.98		
18	0	294.0	4	1.64	N/C	0.64	0.98	N/C	0.38	N/C	0.91	
18	1	295.9	4	1.64	N/C	1.17	0.98	N/C	0.70	N/C	1.30	
18	2	297.8	4	1.70	N/C	3.79	1.02	N/C	2.27	N/C	3.27	
18	3	299.7	4	2.21	N/C	9.48	1.32	N/C	5.68	N/C	6.33	
18	4	301.6	4	2.91	N/C	4.37	1.75	N/C	2.62	N/C	3.73	
18	5	303.5	4	3.74	N/C	3.22	2.24	N/C	1.93	N/C	2.85	
18	6	305.4	4	5.72	N/C	2.68	3.43	N/C	1.61	N/C	2.44	
18	7	307.3	4	6.04	N/C	2.63	3.62	N/C	1.58	N/C	2.39	
18	8	309.2	4	3.76	N/C	3.19	2.25	N/C	1.91	N/C	2.82	
18	9	311.1	4	3.24	N/C	5.76	1.94	N/C	3.45	N/C	4.82	
18	10	313.0	4	3.24	N/C	22.50	1.94	N/C	13.48	N/C	17.90	

* 1		0.0	5	WORST CASE OPERATING				MOMENT RATING =		5.71		
* 1		2.0	5	WORST CASE OPERATING				SHEAR RATING =		13.03		
* 1		0.0	5	WORST CASE INVENTORY				MOMENT RATING =		3.42		
* 1		2.0	5	WORST CASE INVENTORY				SHEAR RATING =		7.80		
1	0	0.0	5	INF	N/C	5.71	INF	N/C	3.42	N/C	4.54	
1	1	0.4	5	INF	N/C	5.71	INF	N/C	3.42	N/C	4.54	
1	2	0.8	5	INF	N/C	5.71	INF	N/C	3.42	N/C	4.54	
1	3	1.2	5	INF	N/C	57.91	INF	N/C	34.69	N/C	45.77	
1	4	1.6	5	INF	N/C	18.95	INF	N/C	11.35	N/C	15.02	
1	5	2.0	5	13.03	N/C	13.87	7.80	N/C	8.31	N/C	11.00	
1	6	2.4	5	13.03	N/C	13.87	7.80	N/C	8.31	N/C	11.00	
1	7	2.8	5	26.13	N/C	18.95	15.65	N/C	11.35	N/C	15.02	
1	8	3.2	5	INF	N/C	57.91	INF	N/C	34.69	N/C	45.72	
1	9	3.6	5	INF	N/C	28.03	INF	N/C	16.79	N/C	22.16	
1	10	4.0	5	INF	N/C	28.03	INF	N/C	16.79	N/C	22.16	

* 2		0.0	5	WORST CASE OPERATING				MOMENT RATING =		1.38		
* 2		0.0	5	WORST CASE OPERATING				SHEAR RATING =		1.63		
* 2		0.0	5	WORST CASE INVENTORY				MOMENT RATING =		0.83		
* 2		0.0	5	WORST CASE INVENTORY				SHEAR RATING =		0.98		
2	0	4.0	5	1.63	N/C	1.38	0.98	N/C	0.83	N/C	1.28	
2	1	5.3	5	1.63	N/C	1.84	0.98	N/C	1.10	N/C	1.63	
2	2	6.5	5	1.63	N/C	5.92	0.98	N/C	3.55	N/C	4.79	
2	3	7.8	5	1.73	N/C	7.34	1.04	N/C	4.40	N/C	5.89	
2	4	9.0	5	2.37	N/C	5.63	1.42	N/C	3.37	N/C	4.57	
2	5	10.3	5	3.11	N/C	4.27	1.87	N/C	2.56	N/C	3.51	
2	6	11.5	5	5.25	N/C	3.68	3.15	N/C	2.20	N/C	3.05	
2	7	12.8	5	4.74	N/C	3.61	2.84	N/C	2.16	N/C	2.99	
2	8	14.0	5	3.66	N/C	4.39	2.19	N/C	2.63	N/C	3.60	
2	9	15.3	5	3.66	N/C	6.38	2.19	N/C	3.83	N/C	5.15	
2	10	16.5	5	3.66	N/C	INF	2.19	N/C	INF	N/C	INF	

* 3		0.0	5	WORST CASE OPERATING				MOMENT RATING =		0.44		
* 3		0.0	5	WORST CASE OPERATING				SHEAR RATING =		0.87		
* 3		0.0	5	WORST CASE INVENTORY				MOMENT RATING =		0.27		
* 3		0.0	5	WORST CASE INVENTORY				SHEAR RATING =		0.52		
3	0	16.5	5	0.87	N/C	0.44	0.52	N/C	0.27	N/C	0.63	
3	1	18.4	5	0.87	N/C	0.83	0.52	N/C	0.49	N/C	0.93	
3	2	20.2	5	1.15	N/C	3.18	0.69	N/C	1.91	N/C	2.67	
3	3	22.1	5	1.46	N/C	5.42	0.87	N/C	3.25	N/C	4.40	
3	4	23.9	5	1.78	N/C	3.00	1.07	N/C	1.80	N/C	2.55	
3	5	25.8	5	2.45	N/C	2.01	1.47	N/C	1.20	N/C	1.79	
3	6	27.6	5	3.76	N/C	1.74	2.25	N/C	1.04	N/C	1.58	
3	7	29.5	5	3.68	N/C	1.73	2.20	N/C	1.04	N/C	1.57	
3	8	31.3	5	2.48	N/C	2.10	1.48	N/C	1.26	N/C	1.85	
3	9	33.2	5	2.13	N/C	3.70	1.28	N/C	2.22	N/C	3.09	
3	10	35.0	5	2.13	N/C	INF	1.28	N/C	INF	N/C	INF	

* 4	0.0	5	WORST CASE OPERATING	MOMENT RATING =	0.44					
* 4	0.0	5	WORST CASE OPERATING	SHEAR RATING =	0.87					
* 4	0.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.27					
* 4	0.0	5	WORST CASE INVENTORY	SHEAR RATING =	0.52					
4 0	35.0	5	0.87	N/C	0.44	0.52	N/C	0.27	N/C	0.63
4 1	36.8	5	0.87	N/C	0.83	0.52	N/C	0.49	N/C	0.93
4 2	38.7	5	1.15	N/C	3.18	0.69	N/C	1.91	N/C	2.67
4 3	40.5	5	1.46	N/C	5.42	0.87	N/C	3.25	N/C	4.40
4 4	42.4	5	1.78	N/C	3.00	1.07	N/C	1.80	N/C	2.55
4 5	44.2	5	2.45	N/C	2.01	1.47	N/C	1.20	N/C	1.79
4 6	46.1	5	3.76	N/C	1.74	2.25	N/C	1.04	N/C	1.58
4 7	47.9	5	3.68	N/C	1.73	2.20	N/C	1.04	N/C	1.57
4 8	49.8	5	2.48	N/C	2.10	1.48	N/C	1.26	N/C	1.85
4 9	51.6	5	2.13	N/C	3.70	1.28	N/C	2.22	N/C	3.09
4 10	53.5	5	2.13	N/C	14.56	1.28	N/C	8.72	N/C	11.58
* 5	0.0	5	WORST CASE OPERATING	MOMENT RATING =	0.46					
* 5	0.0	5	WORST CASE OPERATING	SHEAR RATING =	0.90					
* 5	0.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.27					
* 5	0.0	5	WORST CASE INVENTORY	SHEAR RATING =	0.54					
5 0	53.5	5	0.90	N/C	0.46	0.54	N/C	0.27	N/C	0.64
5 1	55.3	5	0.90	N/C	0.85	0.54	N/C	0.51	N/C	0.94
5 2	57.2	5	1.17	N/C	3.32	0.70	N/C	1.99	N/C	2.77
5 3	59.0	5	1.46	N/C	5.27	0.88	N/C	3.16	N/C	4.29
5 4	60.9	5	1.79	N/C	2.94	1.07	N/C	1.76	N/C	2.50
5 5	62.7	5	2.47	N/C	1.99	1.48	N/C	1.19	N/C	1.77
5 6	64.6	5	3.78	N/C	1.72	2.26	N/C	1.03	N/C	1.56
5 7	66.4	5	3.65	N/C	1.72	2.19	N/C	1.03	N/C	1.56
5 8	68.3	5	2.47	N/C	2.09	1.48	N/C	1.25	N/C	1.84
5 9	70.1	5	2.12	N/C	3.69	1.27	N/C	2.21	N/C	3.09
5 10	72.0	5	2.12	N/C	14.53	1.27	N/C	8.70	N/C	11.56
* 6	0.0	5	WORST CASE OPERATING	MOMENT RATING =	0.46					
* 6	0.0	5	WORST CASE OPERATING	SHEAR RATING =	1.08					
* 6	0.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.28					
* 6	0.0	5	WORST CASE INVENTORY	SHEAR RATING =	0.65					
6 0	72.0	5	1.08	N/C	0.46	0.65	N/C	0.28	N/C	0.62
6 1	73.8	5	1.08	N/C	0.83	0.65	N/C	0.50	N/C	0.90
6 2	75.7	5	1.13	N/C	2.73	0.68	N/C	1.64	N/C	2.33
6 3	77.5	5	1.43	N/C	6.18	0.86	N/C	3.70	N/C	4.49
6 4	79.4	5	1.75	N/C	3.25	1.05	N/C	1.95	N/C	2.75
6 5	81.2	5	2.41	N/C	2.11	1.44	N/C	1.27	N/C	1.87
6 6	83.1	5	3.68	N/C	1.80	2.21	N/C	1.08	N/C	1.62
6 7	84.9	5	3.79	N/C	1.78	2.27	N/C	1.07	N/C	1.60
6 8	86.8	5	2.53	N/C	2.14	1.52	N/C	1.28	N/C	1.88
6 9	88.6	5	2.17	N/C	3.74	1.30	N/C	2.24	N/C	3.12
6 10	90.5	5	2.17	N/C	14.69	1.30	N/C	8.80	N/C	11.69
* 7	0.0	5	WORST CASE OPERATING	MOMENT RATING =	0.42					
* 7	0.0	5	WORST CASE OPERATING	SHEAR RATING =	0.90					
* 7	0.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.25					
* 7	0.0	5	WORST CASE INVENTORY	SHEAR RATING =	0.54					
7 0	90.5	5	0.90	N/C	0.42	0.54	N/C	0.25	N/C	0.62
7 1	92.3	5	0.90	N/C	0.79	0.54	N/C	0.47	N/C	0.89
7 2	94.2	5	1.16	N/C	2.97	0.70	N/C	1.78	N/C	2.51
7 3	96.0	5	1.45	N/C	5.73	0.87	N/C	3.43	N/C	4.63
7 4	97.9	5	1.77	N/C	3.10	1.06	N/C	1.86	N/C	2.63
7 5	99.7	5	2.24	N/C	1.62	1.34	N/C	0.97	N/C	1.49
7 6	101.6	5	3.74	N/C	1.76	2.24	N/C	1.05	N/C	1.60
7 7	103.4	5	3.71	N/C	1.74	2.22	N/C	1.04	N/C	1.58
7 8	105.3	5	2.49	N/C	2.11	1.49	N/C	1.26	N/C	1.86
7 9	107.1	5	2.14	N/C	3.71	1.28	N/C	2.22	N/C	3.10
7 10	109.0	5	2.14	N/C	14.60	1.28	N/C	8.75	N/C	11.62
* 8	0.0	5	WORST CASE OPERATING	MOMENT RATING =	0.46					
* 8	0.0	5	WORST CASE OPERATING	SHEAR RATING =	1.08					
* 8	0.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.28					
* 8	0.0	5	WORST CASE INVENTORY	SHEAR RATING =	0.65					
8 0	109.0	5	1.08	N/C	0.46	0.65	N/C	0.28	N/C	0.62
8 1	110.8	5	1.08	N/C	0.83	0.65	N/C	0.50	N/C	0.90
8 2	112.7	5	1.13	N/C	2.73	0.68	N/C	1.64	N/C	2.33
8 3	114.5	5	1.43	N/C	6.18	0.86	N/C	3.70	N/C	4.49
8 4	116.4	5	1.75	N/C	3.25	1.05	N/C	1.95	N/C	2.75
8 5	118.2	5	2.41	N/C	2.11	1.44	N/C	1.27	N/C	1.87
8 6	120.1	5	3.68	N/C	1.80	2.21	N/C	1.08	N/C	1.62
8 7	121.9	5	3.79	N/C	1.78	2.27	N/C	1.07	N/C	1.60
8 8	123.8	5	2.53	N/C	2.14	1.52	N/C	1.28	N/C	1.88
8 9	125.6	5	2.17	N/C	3.74	1.30	N/C	2.24	N/C	3.12
8 10	127.5	5	2.17	N/C	14.69	1.30	N/C	8.80	N/C	11.69
* 9	0.0	5	WORST CASE OPERATING	MOMENT RATING =	0.93					
* 9	0.0	5	WORST CASE OPERATING	SHEAR RATING =	1.41					
* 9	0.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.56					
* 9	0.0	5	WORST CASE INVENTORY	SHEAR RATING =	0.85					
9 0	127.5	5	1.41	N/C	0.93	0.85	N/C	0.56	N/C	0.96
9 1	129.4	5	1.41	N/C	1.58	0.85	N/C	0.95	N/C	1.46
9 2	131.2	5	1.48	N/C	6.22	0.89	N/C	3.72	N/C	5.00
9 3	133.1	5	2.05	N/C	5.58	1.23	N/C	3.34	N/C	4.53
9 4	134.9	5	2.75	N/C	3.68	1.64	N/C	2.20	N/C	3.07

9	5	136.8	5	4.44	N/C	3.11	2.66	N/C	1.86	N/C	2.63
9	6	138.6	5	3.06	N/C	3.45	1.83	N/C	2.07	N/C	2.89
9	7	140.5	5	2.25	N/C	4.64	1.35	N/C	2.78	N/C	3.81
9	8	142.3	5	1.60	N/C	2.37	0.96	N/C	1.42	N/C	1.81
9	9	144.2	5	1.41	N/C	2.13	0.85	N/C	1.28	N/C	1.88
9	10	146.0	5	1.41	N/C	0.93	0.85	N/C	0.56	N/C	0.96

*10		0.0	5	WORST CASE OPERATING MOMENT RATING = 0.93							
*10		0.0	5	WORST CASE OPERATING SHEAR RATING = 1.41							
*10		0.0	5	WORST CASE INVENTORY MOMENT RATING = 0.56							
*10		0.0	5	WORST CASE INVENTORY SHEAR RATING = 0.85							
10	0	146.0	5	1.41	N/C	0.93	0.85	N/C	0.56	N/C	0.96
10	1	147.9	5	1.41	N/C	1.58	0.85	N/C	0.95	N/C	1.46
10	2	149.7	5	1.48	N/C	6.22	0.89	N/C	3.72	N/C	5.00
10	3	151.6	5	2.05	N/C	5.58	1.23	N/C	3.34	N/C	4.53
10	4	153.4	5	2.75	N/C	3.68	1.64	N/C	2.20	N/C	3.07
10	5	155.3	5	4.44	N/C	3.11	2.66	N/C	1.86	N/C	2.63
10	6	157.1	5	3.06	N/C	3.45	1.83	N/C	2.07	N/C	2.89
10	7	159.0	5	2.25	N/C	4.64	1.35	N/C	2.78	N/C	3.81
10	8	160.8	5	1.60	N/C	2.37	0.96	N/C	1.42	N/C	1.81
10	9	162.7	5	1.41	N/C	2.13	0.85	N/C	1.28	N/C	1.88
10	10	164.5	5	1.41	N/C	0.93	0.85	N/C	0.56	N/C	0.96

*11		18.0	5	WORST CASE OPERATING MOMENT RATING = 0.46							
*11		15.5	5	WORST CASE OPERATING SHEAR RATING = 1.08							
*11		18.0	5	WORST CASE INVENTORY MOMENT RATING = 0.28							
*11		15.5	5	WORST CASE INVENTORY SHEAR RATING = 0.65							
11	0	164.5	5	2.17	N/C	INF	1.30	N/C	INF	N/C	INF
11	1	166.4	5	2.17	N/C	4.95	1.30	N/C	2.97	N/C	4.07
11	2	168.2	5	2.30	N/C	2.37	1.38	N/C	1.42	N/C	2.05
11	3	170.1	5	3.40	N/C	1.83	2.04	N/C	1.10	N/C	1.64
11	4	171.9	5	4.21	N/C	1.77	2.52	N/C	1.06	N/C	1.60
11	5	173.8	5	2.64	N/C	1.99	1.58	N/C	1.19	N/C	1.77
11	6	175.6	5	1.88	N/C	2.84	1.13	N/C	1.70	N/C	2.43
11	7	177.5	5	1.52	N/C	4.76	0.91	N/C	2.85	N/C	3.90
11	8	179.3	5	1.20	N/C	0.61	0.72	N/C	0.37	N/C	0.60
11	9	181.2	5	1.08	N/C	1.10	0.65	N/C	0.66	N/C	1.10
11	10	183.0	5	1.08	N/C	0.46	0.65	N/C	0.28	N/C	0.62

*12		18.0	5	WORST CASE OPERATING MOMENT RATING = 0.46							
*12		15.5	5	WORST CASE OPERATING SHEAR RATING = 1.08							
*12		18.0	5	WORST CASE INVENTORY MOMENT RATING = 0.28							
*12		15.5	5	WORST CASE INVENTORY SHEAR RATING = 0.65							
12	0	183.0	5	2.17	N/C	INF	1.30	N/C	INF	N/C	INF
12	1	184.9	5	2.17	N/C	4.95	1.30	N/C	2.97	N/C	4.07
12	2	186.7	5	2.30	N/C	2.37	1.38	N/C	1.42	N/C	2.05
12	3	188.6	5	3.40	N/C	1.83	2.04	N/C	1.10	N/C	1.64
12	4	190.4	5	4.21	N/C	1.77	2.52	N/C	1.06	N/C	1.60
12	5	192.3	5	2.64	N/C	1.99	1.58	N/C	1.19	N/C	1.77
12	6	194.1	5	1.88	N/C	2.84	1.13	N/C	1.70	N/C	2.43
12	7	196.0	5	1.52	N/C	4.76	0.91	N/C	2.85	N/C	3.90
12	8	197.8	5	1.20	N/C	0.61	0.72	N/C	0.37	N/C	0.60
12	9	199.7	5	1.08	N/C	1.10	0.65	N/C	0.66	N/C	1.10
12	10	201.5	5	1.08	N/C	0.46	0.65	N/C	0.28	N/C	0.62

*13		18.0	5	WORST CASE OPERATING MOMENT RATING = 0.46							
*13		16.0	5	WORST CASE OPERATING SHEAR RATING = 0.87							
*13		18.0	5	WORST CASE INVENTORY MOMENT RATING = 0.27							
*13		16.0	5	WORST CASE INVENTORY SHEAR RATING = 0.52							
13	0	201.5	5	2.12	N/C	INF	1.27	N/C	INF	N/C	INF
13	1	203.4	5	2.12	N/C	4.89	1.27	N/C	2.93	N/C	4.02
13	2	205.2	5	2.25	N/C	2.32	1.35	N/C	1.39	N/C	2.02
13	3	207.1	5	3.29	N/C	1.77	1.97	N/C	1.06	N/C	1.60
13	4	208.9	5	4.32	N/C	1.70	2.59	N/C	1.02	N/C	1.54
13	5	210.8	5	2.71	N/C	1.88	1.62	N/C	1.12	N/C	1.68
13	6	212.6	5	1.93	N/C	2.60	1.15	N/C	1.56	N/C	2.24
13	7	214.5	5	1.56	N/C	4.15	0.93	N/C	2.49	N/C	3.43
13	8	216.3	5	1.22	N/C	0.91	0.73	N/C	0.54	N/C	0.80
13	9	218.2	5	0.87	N/C	1.15	0.52	N/C	0.69	N/C	1.18
13	10	220.0	5	0.87	N/C	0.46	0.52	N/C	0.27	N/C	0.64

*14		18.0	5	WORST CASE OPERATING MOMENT RATING = 0.46							
*14		16.0	5	WORST CASE OPERATING SHEAR RATING = 0.87							
*14		18.0	5	WORST CASE INVENTORY MOMENT RATING = 0.27							
*14		16.0	5	WORST CASE INVENTORY SHEAR RATING = 0.52							
14	0	220.0	5	2.12	N/C	INF	1.27	N/C	INF	N/C	INF
14	1	221.9	5	2.12	N/C	4.89	1.27	N/C	2.93	N/C	4.02
14	2	223.7	5	2.25	N/C	2.32	1.35	N/C	1.39	N/C	2.02
14	3	225.6	5	3.29	N/C	1.77	1.97	N/C	1.06	N/C	1.60
14	4	227.4	5	4.32	N/C	1.70	2.59	N/C	1.02	N/C	1.54
14	5	229.3	5	2.71	N/C	1.88	1.62	N/C	1.12	N/C	1.68
14	6	231.1	5	1.93	N/C	2.60	1.15	N/C	1.56	N/C	2.24
14	7	233.0	5	1.56	N/C	4.15	0.93	N/C	2.49	N/C	3.43
14	8	234.8	5	1.22	N/C	0.91	0.73	N/C	0.54	N/C	0.80
14	9	236.7	5	0.87	N/C	1.15	0.52	N/C	0.69	N/C	1.14
14	10	238.5	5	0.87	N/C	0.46	0.52	N/C	0.27	N/C	0.62

*15		18.0	5	WORST CASE OPERATING MOMENT RATING = 0.44							
*15		17.0	5	WORST CASE OPERATING SHEAR RATING = 0.87							
*15		18.0	5	WORST CASE INVENTORY MOMENT RATING = 0.27							

*15	17.0	5	WORST CASE INVENTORY	SHEAR RATING =	0.52				
15 0	238.5	5	2.13 N/C	INF	1.28	N/C	INF	N/C	INF
15 1	240.4	5	2.13 N/C	4.90	1.28	N/C	2.93	N/C	4.03
15 2	242.2	5	2.26 N/C	2.33	1.35	N/C	1.39	N/C	2.02
15 3	244.1	5	3.31 N/C	1.79	1.98	N/C	1.07	N/C	1.61
15 4	245.9	5	4.30 N/C	1.71	2.58	N/C	1.03	N/C	1.55
15 5	247.8	5	2.70 N/C	1.90	1.61	N/C	1.14	N/C	1.70
15 6	249.6	5	1.92 N/C	2.65	1.15	N/C	1.59	N/C	2.28
15 7	251.5	5	1.55 N/C	4.25	0.93	N/C	2.55	N/C	3.51
15 8	253.3	5	1.22 N/C	0.84	0.73	N/C	0.50	N/C	0.75
15 9	255.2	5	0.97 N/C	1.12	0.58	N/C	0.67	N/C	1.11
15 10	257.0	5	0.87 N/C	0.44	0.52	N/C	0.27	N/C	0.63
*16	18.0	5	WORST CASE OPERATING	MOMENT RATING =	0.46				
*16	15.5	5	WORST CASE OPERATING	SHEAR RATING =	1.08				
*16	18.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.28				
*16	15.5	5	WORST CASE INVENTORY	SHEAR RATING =	0.65				
16 0	257.0	5	2.17 N/C	INF	1.30	N/C	INF	N/C	INF
16 1	258.9	5	2.17 N/C	4.95	1.30	N/C	2.97	N/C	4.07
16 2	260.7	5	2.30 N/C	2.37	1.38	N/C	1.42	N/C	2.05
16 3	262.6	5	3.40 N/C	1.83	2.04	N/C	1.10	N/C	1.64
16 4	264.4	5	4.21 N/C	1.77	2.52	N/C	1.06	N/C	1.60
16 5	266.3	5	2.64 N/C	1.99	1.58	N/C	1.19	N/C	1.77
16 6	268.1	5	1.88 N/C	2.84	1.13	N/C	1.70	N/C	2.43
16 7	270.0	5	1.52 N/C	4.76	0.91	N/C	2.85	N/C	3.90
16 8	271.8	5	1.20 N/C	0.61	0.72	N/C	0.37	N/C	0.60
16 9	273.7	5	1.08 N/C	1.10	0.65	N/C	0.66	N/C	1.10
16 10	275.5	5	1.08 N/C	0.46	0.65	N/C	0.28	N/C	0.62
*17	18.0	5	WORST CASE OPERATING	MOMENT RATING =	0.46				
*17	15.5	5	WORST CASE OPERATING	SHEAR RATING =	1.08				
*17	18.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.28				
*17	15.5	5	WORST CASE INVENTORY	SHEAR RATING =	0.65				
17 0	275.5	5	2.17 N/C	INF	1.30	N/C	INF	N/C	INF
17 1	277.4	5	2.17 N/C	4.95	1.30	N/C	2.97	N/C	4.07
17 2	279.2	5	2.30 N/C	2.37	1.38	N/C	1.42	N/C	2.05
17 3	281.1	5	3.40 N/C	1.83	2.04	N/C	1.10	N/C	1.64
17 4	282.9	5	4.21 N/C	1.77	2.52	N/C	1.06	N/C	1.60
17 5	284.8	5	2.64 N/C	1.99	1.58	N/C	1.19	N/C	1.77
17 6	286.6	5	1.88 N/C	2.84	1.13	N/C	1.70	N/C	2.43
17 7	288.5	5	1.52 N/C	4.76	0.91	N/C	2.85	N/C	3.90
17 8	290.3	5	1.20 N/C	0.61	0.72	N/C	0.37	N/C	0.60
17 9	292.2	5	1.08 N/C	1.10	0.65	N/C	0.66	N/C	1.10
17 10	294.0	5	1.08 N/C	0.46	0.65	N/C	0.28	N/C	0.62
*18	0.0	5	WORST CASE OPERATING	MOMENT RATING =	0.41				
*18	0.0	5	WORST CASE OPERATING	SHEAR RATING =	1.02				
*18	0.0	5	WORST CASE INVENTORY	MOMENT RATING =	0.25				
*18	0.0	5	WORST CASE INVENTORY	SHEAR RATING =	0.61				
18 0	294.0	5	1.02 N/C	0.41	0.61	N/C	0.25	N/C	0.59
18 1	295.9	5	1.02 N/C	0.76	0.61	N/C	0.45	N/C	0.85
18 2	297.8	5	1.07 N/C	2.47	0.64	N/C	1.48	N/C	2.13
18 3	299.7	5	1.38 N/C	6.17	0.83	N/C	3.70	N/C	4.12
18 4	301.6	5	1.90 N/C	2.84	1.14	N/C	1.70	N/C	2.43
18 5	303.5	5	2.44 N/C	2.10	1.46	N/C	1.26	N/C	1.86
18 6	305.4	5	3.72 N/C	1.74	2.23	N/C	1.05	N/C	1.59
18 7	307.3	5	3.77 N/C	1.71	2.26	N/C	1.03	N/C	1.55
18 8	309.2	5	2.45 N/C	2.07	1.47	N/C	1.24	N/C	1.83
18 9	311.1	5	2.11 N/C	3.71	1.26	N/C	2.22	N/C	3.10
18 10	313.0	5	2.11 N/C	13.99	1.26	N/C	8.38	N/C	11.13
* 1	0.0	6	WORST CASE OPERATING	MOMENT RATING =	5.71				
* 1	2.0	6	WORST CASE OPERATING	SHEAR RATING =	12.73				
* 1	0.0	6	WORST CASE INVENTORY	MOMENT RATING =	3.42				
* 1	2.0	6	WORST CASE INVENTORY	SHEAR RATING =	7.63				
1 0	0.0	6	INF N/C	5.71	INF	N/C	3.42	N/C	4.54
1 1	0.4	6	INF N/C	5.71	INF	N/C	3.42	N/C	4.54
1 2	0.8	6	INF N/C	5.71	INF	N/C	3.42	N/C	4.54
1 3	1.2	6	INF N/C	56.59	INF	N/C	33.90	N/C	44.73
1 4	1.6	6	INF N/C	18.95	INF	N/C	11.35	N/C	15.02
1 5	2.0	6	12.73 N/C	13.87	7.63	N/C	8.31	N/C	11.00
1 6	2.4	6	12.73 N/C	13.87	7.63	N/C	8.31	N/C	11.00
1 7	2.8	6	25.54 N/C	18.95	15.30	N/C	11.35	N/C	15.02
1 8	3.2	6	INF N/C	56.59	INF	N/C	33.90	N/C	44.68
1 9	3.6	6	INF N/C	28.03	INF	N/C	16.79	N/C	22.16
1 10	4.0	6	INF N/C	28.03	INF	N/C	16.79	N/C	22.16
* 2	0.0	6	WORST CASE OPERATING	MOMENT RATING =	1.38				
* 2	0.0	6	WORST CASE OPERATING	SHEAR RATING =	1.63				
* 2	0.0	6	WORST CASE INVENTORY	MOMENT RATING =	0.83				
* 2	0.0	6	WORST CASE INVENTORY	SHEAR RATING =	0.98				
2 0	4.0	6	1.63 N/C	1.38	0.98	N/C	0.83	N/C	1.28
2 1	5.3	6	1.63 N/C	1.84	0.98	N/C	1.10	N/C	1.63
2 2	6.5	6	1.63 N/C	5.92	0.98	N/C	3.55	N/C	4.79
2 3	7.8	6	1.73 N/C	7.22	1.04	N/C	4.32	N/C	5.79
2 4	9.0	6	2.37 N/C	5.63	1.42	N/C	3.37	N/C	4.57
2 5	10.3	6	3.11 N/C	4.26	1.87	N/C	2.56	N/C	3.51
2 6	11.5	6	5.25 N/C	3.68	3.15	N/C	2.20	N/C	3.05
2 7	12.8	6	4.74 N/C	3.61	2.84	N/C	2.16	N/C	2.99
2 8	14.0	6	3.66 N/C	4.38	2.19	N/C	2.63	N/C	3.59

2	9	15.3	6	3.66	N/C	6.34	2.19	N/C	3.80	N/C	5.12
2	10	16.5	6	3.66	N/C	INF	2.19	N/C	INF	N/C	INF
* 3		0.0	6	WORST CASE OPERATING			MOMENT RATING =		0.35		
* 3		0.0	6	WORST CASE OPERATING			SHEAR RATING =		0.73		
* 3		0.0	6	WORST CASE INVENTORY			MOMENT RATING =		0.21		
* 3		0.0	6	WORST CASE INVENTORY			SHEAR RATING =		0.44		
3	0	16.5	6	0.73	N/C	0.35	0.44	N/C	0.21	N/C	0.51
3	1	18.4	6	0.73	N/C	0.68	0.44	N/C	0.41	N/C	0.77
3	2	20.2	6	0.96	N/C	3.00	0.58	N/C	1.80	N/C	2.51
3	3	22.1	6	1.31	N/C	5.36	0.78	N/C	3.21	N/C	4.35
3	4	23.9	6	1.71	N/C	2.81	1.03	N/C	1.69	N/C	2.39
3	5	25.8	6	2.45	N/C	1.82	1.47	N/C	1.09	N/C	1.62
3	6	27.6	6	3.75	N/C	1.55	2.25	N/C	0.93	N/C	1.41
3	7	29.5	6	3.61	N/C	1.57	2.16	N/C	0.94	N/C	1.42
3	8	31.3	6	2.33	N/C	1.90	1.40	N/C	1.14	N/C	1.67
3	9	33.2	6	1.97	N/C	3.30	1.18	N/C	1.98	N/C	2.76
3	10	35.0	6	1.97	N/C	INF	1.18	N/C	INF	N/C	INF
* 4		0.0	6	WORST CASE OPERATING			MOMENT RATING =		0.35		
* 4		0.0	6	WORST CASE OPERATING			SHEAR RATING =		0.73		
* 4		0.0	6	WORST CASE INVENTORY			MOMENT RATING =		0.21		
* 4		0.0	6	WORST CASE INVENTORY			SHEAR RATING =		0.44		
4	0	35.0	6	0.73	N/C	0.35	0.44	N/C	0.21	N/C	0.51
4	1	36.8	6	0.73	N/C	0.68	0.44	N/C	0.41	N/C	0.77
4	2	38.7	6	0.96	N/C	3.00	0.58	N/C	1.80	N/C	2.51
4	3	40.5	6	1.31	N/C	5.36	0.78	N/C	3.21	N/C	4.35
4	4	42.4	6	1.71	N/C	2.81	1.03	N/C	1.69	N/C	2.39
4	5	44.2	6	2.45	N/C	1.82	1.47	N/C	1.09	N/C	1.62
4	6	46.1	6	3.75	N/C	1.55	2.25	N/C	0.93	N/C	1.41
4	7	47.9	6	3.61	N/C	1.57	2.16	N/C	0.94	N/C	1.42
4	8	49.8	6	2.33	N/C	1.90	1.40	N/C	1.14	N/C	1.67
4	9	51.6	6	1.97	N/C	3.30	1.18	N/C	1.98	N/C	2.76
4	10	53.5	6	1.97	N/C	13.03	1.18	N/C	7.81	N/C	10.37
* 5		0.0	6	WORST CASE OPERATING			MOMENT RATING =		0.37		
* 5		0.0	6	WORST CASE OPERATING			SHEAR RATING =		0.76		
* 5		0.0	6	WORST CASE INVENTORY			MOMENT RATING =		0.22		
* 5		0.0	6	WORST CASE INVENTORY			SHEAR RATING =		0.46		
5	0	53.5	6	0.76	N/C	0.37	0.46	N/C	0.22	N/C	0.51
5	1	55.3	6	0.76	N/C	0.70	0.46	N/C	0.42	N/C	0.78
5	2	57.2	6	0.99	N/C	3.13	0.59	N/C	1.87	N/C	2.61
5	3	59.0	6	1.31	N/C	5.19	0.79	N/C	3.11	N/C	4.22
5	4	60.9	6	1.72	N/C	2.76	1.03	N/C	1.65	N/C	2.35
5	5	62.7	6	2.47	N/C	1.79	1.48	N/C	1.08	N/C	1.60
5	6	64.6	6	3.77	N/C	1.54	2.26	N/C	0.92	N/C	1.40
5	7	66.4	6	3.58	N/C	1.56	2.15	N/C	0.93	N/C	1.41
5	8	68.3	6	2.32	N/C	1.89	1.39	N/C	1.13	N/C	1.66
5	9	70.1	6	1.96	N/C	3.29	1.18	N/C	1.97	N/C	2.75
5	10	72.0	6	1.96	N/C	12.99	1.18	N/C	7.78	N/C	10.34
* 6		0.0	6	WORST CASE OPERATING			MOMENT RATING =		0.37		
* 6		0.0	6	WORST CASE OPERATING			SHEAR RATING =		0.91		
* 6		0.0	6	WORST CASE INVENTORY			MOMENT RATING =		0.22		
* 6		0.0	6	WORST CASE INVENTORY			SHEAR RATING =		0.54		
6	0	72.0	6	0.91	N/C	0.37	0.54	N/C	0.22	N/C	0.50
6	1	73.8	6	0.91	N/C	0.69	0.54	N/C	0.41	N/C	0.74
6	2	75.7	6	0.95	N/C	2.56	0.57	N/C	1.53	N/C	2.18
6	3	77.5	6	1.28	N/C	6.18	0.77	N/C	3.70	N/C	4.46
6	4	79.4	6	1.68	N/C	3.08	1.01	N/C	1.85	N/C	2.60
6	5	81.2	6	2.41	N/C	1.92	1.44	N/C	1.15	N/C	1.70
6	6	83.1	6	3.68	N/C	1.62	2.20	N/C	0.97	N/C	1.46
6	7	84.9	6	3.72	N/C	1.62	2.23	N/C	0.97	N/C	1.46
6	8	86.8	6	2.39	N/C	1.95	1.43	N/C	1.17	N/C	1.71
6	9	88.6	6	2.02	N/C	3.36	1.21	N/C	2.01	N/C	2.80
6	10	90.5	6	2.02	N/C	13.19	1.21	N/C	7.90	N/C	10.49
* 7		0.0	6	WORST CASE OPERATING			MOMENT RATING =		0.34		
* 7		0.0	6	WORST CASE OPERATING			SHEAR RATING =		0.75		
* 7		0.0	6	WORST CASE INVENTORY			MOMENT RATING =		0.20		
* 7		0.0	6	WORST CASE INVENTORY			SHEAR RATING =		0.45		
7	0	90.5	6	0.75	N/C	0.34	0.45	N/C	0.20	N/C	0.49
7	1	92.3	6	0.75	N/C	0.65	0.45	N/C	0.39	N/C	0.74
7	2	94.2	6	0.98	N/C	2.80	0.59	N/C	1.68	N/C	2.36
7	3	96.0	6	1.30	N/C	5.68	0.78	N/C	3.40	N/C	4.59
7	4	97.9	6	1.70	N/C	2.92	1.02	N/C	1.75	N/C	2.47
7	5	99.7	6	2.24	N/C	1.47	1.34	N/C	0.88	N/C	1.34
7	6	101.6	6	3.73	N/C	1.57	2.23	N/C	0.94	N/C	1.42
7	7	103.4	6	3.64	N/C	1.58	2.18	N/C	0.94	N/C	1.43
7	8	105.3	6	2.35	N/C	1.91	1.41	N/C	1.14	N/C	1.68
7	9	107.1	6	1.98	N/C	3.31	1.19	N/C	1.98	N/C	2.77
7	10	109.0	6	1.98	N/C	13.08	1.19	N/C	7.84	N/C	10.41
* 8		0.0	6	WORST CASE OPERATING			MOMENT RATING =		0.37		
* 8		0.0	6	WORST CASE OPERATING			SHEAR RATING =		0.91		
* 8		0.0	6	WORST CASE INVENTORY			MOMENT RATING =		0.22		
* 8		0.0	6	WORST CASE INVENTORY			SHEAR RATING =		0.54		
8	0	109.0	6	0.91	N/C	0.37	0.54	N/C	0.22	N/C	0.50
8	1	110.8	6	0.91	N/C	0.69	0.54	N/C	0.41	N/C	0.74
8	2	112.7	6	0.95	N/C	2.56	0.57	N/C	1.53	N/C	2.18

8	3	114.5	6	1.28	N/C	6.18	0.77	N/C	3.70	N/C	4.46
8	4	116.4	6	1.68	N/C	3.08	1.01	N/C	1.85	N/C	2.60
8	5	118.2	6	2.41	N/C	1.92	1.44	N/C	1.15	N/C	1.70
8	6	120.1	6	3.68	N/C	1.62	2.20	N/C	0.97	N/C	1.46
8	7	121.9	6	3.72	N/C	1.62	2.23	N/C	0.97	N/C	1.46
8	8	123.8	6	2.39	N/C	1.95	1.43	N/C	1.17	N/C	1.71
8	9	125.6	6	2.02	N/C	3.36	1.21	N/C	2.01	N/C	2.80
8	10	127.5	6	2.02	N/C	13.19	1.21	N/C	7.90	N/C	10.49
* 9		0.0	6	WORST CASE OPERATING				MOMENT RATING =		0.80	
* 9		0.0	6	WORST CASE OPERATING				SHEAR RATING =		1.29	
* 9		0.0	6	WORST CASE INVENTORY				MOMENT RATING =		0.48	
* 9		0.0	6	WORST CASE INVENTORY				SHEAR RATING =		0.77	
9	0	127.5	6	1.29	N/C	0.80	0.77	N/C	0.48	N/C	0.82
9	1	129.4	6	1.29	N/C	1.40	0.77	N/C	0.84	N/C	1.30
9	2	131.2	6	1.36	N/C	6.07	0.82	N/C	3.64	N/C	4.88
9	3	133.1	6	1.98	N/C	5.55	1.19	N/C	3.32	N/C	4.51
9	4	134.9	6	2.73	N/C	3.60	1.63	N/C	2.16	N/C	3.00
9	5	136.8	6	4.44	N/C	2.92	2.66	N/C	1.75	N/C	2.48
9	6	138.6	6	3.05	N/C	3.33	1.83	N/C	1.99	N/C	2.79
9	7	140.5	6	2.20	N/C	4.60	1.32	N/C	2.75	N/C	3.77
9	8	142.3	6	1.49	N/C	2.37	0.89	N/C	1.42	N/C	1.81
9	9	144.2	6	1.29	N/C	1.94	0.77	N/C	1.16	N/C	1.71
9	10	146.0	6	1.29	N/C	0.80	0.77	N/C	0.48	N/C	0.82
*10		0.0	6	WORST CASE OPERATING				MOMENT RATING =		0.80	
*10		0.0	6	WORST CASE OPERATING				SHEAR RATING =		1.29	
*10		0.0	6	WORST CASE INVENTORY				MOMENT RATING =		0.48	
*10		0.0	6	WORST CASE INVENTORY				SHEAR RATING =		0.77	
10	0	146.0	6	1.29	N/C	0.80	0.77	N/C	0.48	N/C	0.82
10	1	147.9	6	1.29	N/C	1.40	0.77	N/C	0.84	N/C	1.30
10	2	149.7	6	1.36	N/C	6.07	0.82	N/C	3.64	N/C	4.88
10	3	151.6	6	1.98	N/C	5.55	1.19	N/C	3.32	N/C	4.51
10	4	153.4	6	2.73	N/C	3.60	1.63	N/C	2.16	N/C	3.00
10	5	155.3	6	4.44	N/C	2.92	2.66	N/C	1.75	N/C	2.48
10	6	157.1	6	3.05	N/C	3.33	1.83	N/C	1.99	N/C	2.79
10	7	159.0	6	2.20	N/C	4.60	1.32	N/C	2.75	N/C	3.77
10	8	160.8	6	1.49	N/C	2.37	0.89	N/C	1.42	N/C	1.81
10	9	162.7	6	1.29	N/C	1.94	0.77	N/C	1.16	N/C	1.71
10	10	164.5	6	1.29	N/C	0.80	0.77	N/C	0.48	N/C	0.82
*11		18.0	6	WORST CASE OPERATING				MOMENT RATING =		0.37	
*11		15.5	6	WORST CASE OPERATING				SHEAR RATING =		0.91	
*11		18.0	6	WORST CASE INVENTORY				MOMENT RATING =		0.22	
*11		15.5	6	WORST CASE INVENTORY				SHEAR RATING =		0.54	
11	0	164.5	6	2.02	N/C	INF	1.21	N/C	INF	N/C	INF
11	1	166.4	6	2.02	N/C	4.44	1.21	N/C	2.66	N/C	3.65
11	2	168.2	6	2.16	N/C	2.15	1.29	N/C	1.29	N/C	1.86
11	3	170.1	6	3.31	N/C	1.68	1.98	N/C	1.00	N/C	1.50
11	4	171.9	6	4.19	N/C	1.58	2.51	N/C	0.95	N/C	1.43
11	5	173.8	6	2.64	N/C	1.81	1.58	N/C	1.08	N/C	1.61
11	6	175.6	6	1.84	N/C	2.66	1.10	N/C	1.59	N/C	2.27
11	7	177.5	6	1.40	N/C	4.76	0.84	N/C	2.85	N/C	3.90
11	8	179.3	6	1.02	N/C	0.61	0.61	N/C	0.37	N/C	0.60
11	9	181.2	6	0.91	N/C	0.93	0.54	N/C	0.56	N/C	0.93
11	10	183.0	6	0.91	N/C	0.37	0.54	N/C	0.22	N/C	0.50
*12		18.0	6	WORST CASE OPERATING				MOMENT RATING =		0.37	
*12		15.5	6	WORST CASE OPERATING				SHEAR RATING =		0.91	
*12		18.0	6	WORST CASE INVENTORY				MOMENT RATING =		0.22	
*12		15.5	6	WORST CASE INVENTORY				SHEAR RATING =		0.54	
12	0	183.0	6	2.02	N/C	INF	1.21	N/C	INF	N/C	INF
12	1	184.9	6	2.02	N/C	4.44	1.21	N/C	2.66	N/C	3.65
12	2	186.7	6	2.16	N/C	2.15	1.29	N/C	1.29	N/C	1.86
12	3	188.6	6	3.31	N/C	1.68	1.98	N/C	1.00	N/C	1.50
12	4	190.4	6	4.19	N/C	1.58	2.51	N/C	0.95	N/C	1.43
12	5	192.3	6	2.64	N/C	1.81	1.58	N/C	1.08	N/C	1.61
12	6	194.1	6	1.84	N/C	2.66	1.10	N/C	1.59	N/C	2.27
12	7	196.0	6	1.40	N/C	4.76	0.84	N/C	2.85	N/C	3.90
12	8	197.8	6	1.02	N/C	0.61	0.61	N/C	0.37	N/C	0.60
12	9	199.7	6	0.91	N/C	0.93	0.54	N/C	0.56	N/C	0.93
12	10	201.5	6	0.91	N/C	0.37	0.54	N/C	0.22	N/C	0.50
*13		18.0	6	WORST CASE OPERATING				MOMENT RATING =		0.37	
*13		16.0	6	WORST CASE OPERATING				SHEAR RATING =		0.76	
*13		18.0	6	WORST CASE INVENTORY				MOMENT RATING =		0.22	
*13		16.0	6	WORST CASE INVENTORY				SHEAR RATING =		0.46	
13	0	201.5	6	1.96	N/C	INF	1.18	N/C	INF	N/C	INF
13	1	203.4	6	1.96	N/C	4.36	1.18	N/C	2.61	N/C	3.58
13	2	205.2	6	2.10	N/C	2.09	1.26	N/C	1.25	N/C	1.82
13	3	207.1	6	3.19	N/C	1.62	1.91	N/C	0.97	N/C	1.46
13	4	208.9	6	4.30	N/C	1.51	2.58	N/C	0.91	N/C	1.38
13	5	210.8	6	2.71	N/C	1.70	1.62	N/C	1.02	N/C	1.52
13	6	212.6	6	1.88	N/C	2.41	1.13	N/C	1.44	N/C	2.08
13	7	214.5	6	1.43	N/C	4.05	0.86	N/C	2.43	N/C	3.35
13	8	216.3	6	1.04	N/C	0.91	0.62	N/C	0.54	N/C	0.80
13	9	218.2	6	0.76	N/C	0.97	0.46	N/C	0.58	N/C	1.00
13	10	220.0	6	0.76	N/C	0.37	0.46	N/C	0.22	N/C	0.51
*14		18.0	6	WORST CASE OPERATING				MOMENT RATING =		0.37	

*14	16.0	6	WORST CASE OPERATING	SHEAR RATING =	0.76						
*14	18.0	6	WORST CASE INVENTORY	MOMENT RATING =	0.22						
*14	16.0	6	WORST CASE INVENTORY	SHEAR RATING =	0.46						
14	0	220.0	6	1.96	N/C	INF	1.18	N/C	INF	N/C	INF
14	1	221.9	6	1.96	N/C	4.36	1.18	N/C	2.61	N/C	3.58
14	2	223.7	6	2.10	N/C	2.09	1.26	N/C	1.25	N/C	1.82
14	3	225.6	6	3.19	N/C	1.62	1.91	N/C	0.97	N/C	1.46
14	4	227.4	6	4.30	N/C	1.51	2.58	N/C	0.91	N/C	1.38
14	5	229.3	6	2.71	N/C	1.70	1.62	N/C	1.02	N/C	1.52
14	6	231.1	6	1.88	N/C	2.41	1.13	N/C	1.44	N/C	2.08
14	7	233.0	6	1.43	N/C	4.05	0.86	N/C	2.43	N/C	3.35
14	8	234.8	6	1.04	N/C	0.91	0.62	N/C	0.54	N/C	0.80
14	9	236.7	6	0.76	N/C	0.97	0.46	N/C	0.58	N/C	0.96
14	10	238.5	6	0.76	N/C	0.37	0.46	N/C	0.22	N/C	0.49

*15	18.0	6	WORST CASE OPERATING	MOMENT RATING =	0.35						
*15	17.0	6	WORST CASE OPERATING	SHEAR RATING =	0.73						
*15	18.0	6	WORST CASE INVENTORY	MOMENT RATING =	0.21						
*15	17.0	6	WORST CASE INVENTORY	SHEAR RATING =	0.44						
15	0	238.5	6	1.97	N/C	INF	1.18	N/C	INF	N/C	INF
15	1	240.4	6	1.97	N/C	4.37	1.18	N/C	2.62	N/C	3.60
15	2	242.2	6	2.11	N/C	2.10	1.26	N/C	1.26	N/C	1.83
15	3	244.1	6	3.21	N/C	1.63	1.92	N/C	0.98	N/C	1.46
15	4	245.9	6	4.28	N/C	1.53	2.56	N/C	0.91	N/C	1.39
15	5	247.8	6	2.70	N/C	1.72	1.61	N/C	1.03	N/C	1.54
15	6	249.6	6	1.87	N/C	2.45	1.12	N/C	1.47	N/C	2.11
15	7	251.5	6	1.42	N/C	4.17	0.85	N/C	2.50	N/C	3.44
15	8	253.3	6	1.03	N/C	0.84	0.62	N/C	0.50	N/C	0.75
15	9	255.2	6	0.81	N/C	0.95	0.49	N/C	0.57	N/C	0.94
15	10	257.0	6	0.73	N/C	0.35	0.44	N/C	0.21	N/C	0.51

*16	18.0	6	WORST CASE OPERATING	MOMENT RATING =	0.37						
*16	15.5	6	WORST CASE OPERATING	SHEAR RATING =	0.91						
*16	18.0	6	WORST CASE INVENTORY	MOMENT RATING =	0.22						
*16	15.5	6	WORST CASE INVENTORY	SHEAR RATING =	0.54						
16	0	257.0	6	2.02	N/C	INF	1.21	N/C	INF	N/C	INF
16	1	258.9	6	2.02	N/C	4.44	1.21	N/C	2.66	N/C	3.65
16	2	260.7	6	2.16	N/C	2.15	1.29	N/C	1.29	N/C	1.86
16	3	262.6	6	3.31	N/C	1.68	1.98	N/C	1.00	N/C	1.50
16	4	264.4	6	4.19	N/C	1.58	2.51	N/C	0.95	N/C	1.43
16	5	266.3	6	2.64	N/C	1.81	1.58	N/C	1.08	N/C	1.61
16	6	268.1	6	1.84	N/C	2.66	1.10	N/C	1.59	N/C	2.27
16	7	270.0	6	1.40	N/C	4.76	0.84	N/C	2.85	N/C	3.90
16	8	271.8	6	1.02	N/C	0.61	0.61	N/C	0.37	N/C	0.60
16	9	273.7	6	0.91	N/C	0.93	0.54	N/C	0.56	N/C	0.93
16	10	275.5	6	0.91	N/C	0.37	0.54	N/C	0.22	N/C	0.50

*17	18.0	6	WORST CASE OPERATING	MOMENT RATING =	0.37						
*17	15.5	6	WORST CASE OPERATING	SHEAR RATING =	0.91						
*17	18.0	6	WORST CASE INVENTORY	MOMENT RATING =	0.22						
*17	15.5	6	WORST CASE INVENTORY	SHEAR RATING =	0.54						
17	0	275.5	6	2.02	N/C	INF	1.21	N/C	INF	N/C	INF
17	1	277.4	6	2.02	N/C	4.44	1.21	N/C	2.66	N/C	3.65
17	2	279.2	6	2.16	N/C	2.15	1.29	N/C	1.29	N/C	1.86
17	3	281.1	6	3.31	N/C	1.68	1.98	N/C	1.00	N/C	1.50
17	4	282.9	6	4.30	N/C	1.58	2.57	N/C	0.95	N/C	1.43
17	5	284.8	6	2.65	N/C	1.81	1.59	N/C	1.08	N/C	1.61
17	6	286.6	6	1.84	N/C	2.66	1.10	N/C	1.59	N/C	2.27
17	7	288.5	6	1.40	N/C	4.76	0.84	N/C	2.85	N/C	3.90
17	8	290.3	6	1.02	N/C	0.61	0.61	N/C	0.37	N/C	0.61
17	9	292.2	6	0.91	N/C	0.94	0.54	N/C	0.56	N/C	0.94
17	10	294.0	6	0.91	N/C	0.37	0.54	N/C	0.22	N/C	0.50

*18	0.0	6	WORST CASE OPERATING	MOMENT RATING =	0.33						
*18	0.0	6	WORST CASE OPERATING	SHEAR RATING =	0.87						
*18	0.0	6	WORST CASE INVENTORY	MOMENT RATING =	0.20						
*18	0.0	6	WORST CASE INVENTORY	SHEAR RATING =	0.52						
18	0	294.0	6	0.87	N/C	0.33	0.52	N/C	0.20	N/C	0.47
18	1	295.9	6	0.87	N/C	0.62	0.52	N/C	0.37	N/C	0.69
18	2	297.8	6	0.91	N/C	2.18	0.55	N/C	1.31	N/C	1.88
18	3	299.7	6	1.22	N/C	6.17	0.73	N/C	3.70	N/C	4.12
18	4	301.6	6	1.69	N/C	2.66	1.01	N/C	1.59	N/C	2.27
18	5	303.5	6	2.19	N/C	1.90	1.31	N/C	1.14	N/C	1.68
18	6	305.4	6	3.37	N/C	1.54	2.02	N/C	0.93	N/C	1.40
18	7	307.3	6	3.86	N/C	1.53	2.31	N/C	0.91	N/C	1.38
18	8	309.2	6	2.29	N/C	1.87	1.37	N/C	1.12	N/C	1.65
18	9	311.1	6	1.94	N/C	3.27	1.16	N/C	1.96	N/C	2.74
18	10	313.0	6	1.94	N/C	12.67	1.16	N/C	7.59	N/C	10.09

* 1	0.0	7	WORST CASE OPERATING	MOMENT RATING =	6.68						
* 1	2.0	7	WORST CASE OPERATING	SHEAR RATING =	12.50						
* 1	0.0	7	WORST CASE INVENTORY	MOMENT RATING =	4.00						
* 1	2.0	7	WORST CASE INVENTORY	SHEAR RATING =	7.49						
1	0	0.0	7	INF	N/C	6.68	INF	N/C	4.00	N/C	5.31
1	1	0.4	7	INF	N/C	6.68	INF	N/C	4.00	N/C	5.31
1	2	0.8	7	INF	N/C	6.68	INF	N/C	4.00	N/C	5.31
1	3	1.2	7	INF	N/C	55.58	INF	N/C	33.30	N/C	43.93
1	4	1.6	7	INF	N/C	24.41	INF	N/C	14.62	N/C	19.34
1	5	2.0	7	12.50	N/C	20.16	7.49	N/C	12.08	N/C	16.00
1	6	2.4	7	12.50	N/C	20.16	7.49	N/C	12.08	N/C	16.00

1	7	2.8	7	35.11	N/C	24.42	21.03	N/C	14.63	N/C	19.35
1	8	3.2	7	INF	N/C	62.80	INF	N/C	37.62	N/C	49.58
1	9	3.6	7	INF	N/C	32.82	INF	N/C	19.66	N/C	25.95
1	10	4.0	7	INF	N/C	32.82	INF	N/C	19.66	N/C	25.95
* 2		0.0	7	WORST CASE OPERATING MOMENT RATING = 2.33							
* 2		0.0	7	WORST CASE OPERATING SHEAR RATING = 2.53							
* 2		0.0	7	WORST CASE INVENTORY MOMENT RATING = 1.39							
* 2		0.0	7	WORST CASE INVENTORY SHEAR RATING = 1.51							
2	0	4.0	7	2.53	N/C	2.33	1.51	N/C	1.39	N/C	2.15
2	1	5.3	7	2.53	N/C	3.05	1.51	N/C	1.82	N/C	2.70
2	2	6.5	7	2.53	N/C	8.82	1.51	N/C	5.28	N/C	7.13
2	3	7.8	7	2.64	N/C	7.24	1.58	N/C	4.34	N/C	5.80
2	4	9.0	7	3.31	N/C	7.35	1.98	N/C	4.41	N/C	5.97
2	5	10.3	7	3.98	N/C	5.75	2.39	N/C	3.44	N/C	4.73
2	6	11.5	7	5.70	N/C	4.88	3.41	N/C	2.93	N/C	4.05
2	7	12.8	7	6.13	N/C	4.91	3.67	N/C	2.94	N/C	4.07
2	8	14.0	7	4.88	N/C	6.18	2.92	N/C	3.70	N/C	5.06
2	9	15.3	7	4.88	N/C	9.03	2.92	N/C	5.41	N/C	7.29
2	10	16.5	7	4.88	N/C	INF	2.92	N/C	INF	N/C	INF
* 3		0.0	7	WORST CASE OPERATING MOMENT RATING = 0.80							
* 3		0.0	7	WORST CASE OPERATING SHEAR RATING = 1.54							
* 3		0.0	7	WORST CASE INVENTORY MOMENT RATING = 0.48							
* 3		0.0	7	WORST CASE INVENTORY SHEAR RATING = 0.92							
3	0	16.5	7	1.54	N/C	0.80	0.92	N/C	0.48	N/C	1.15
3	1	18.4	7	1.54	N/C	1.48	0.92	N/C	0.89	N/C	1.66
3	2	20.2	7	2.00	N/C	5.50	1.20	N/C	3.29	N/C	4.61
3	3	22.1	7	2.44	N/C	6.89	1.46	N/C	4.13	N/C	5.59
3	4	23.9	7	2.88	N/C	4.39	1.73	N/C	2.63	N/C	3.73
3	5	25.8	7	3.74	N/C	3.07	2.24	N/C	1.84	N/C	2.73
3	6	27.6	7	5.18	N/C	2.66	3.10	N/C	1.59	N/C	2.41
3	7	29.5	7	5.45	N/C	2.67	3.27	N/C	1.60	N/C	2.41
3	8	31.3	7	3.83	N/C	3.31	2.30	N/C	1.98	N/C	2.91
3	9	33.2	7	3.35	N/C	5.90	2.01	N/C	3.54	N/C	4.93
3	10	35.0	7	3.35	N/C	INF	2.01	N/C	INF	N/C	INF
* 4		0.0	7	WORST CASE OPERATING MOMENT RATING = 0.80							
* 4		0.0	7	WORST CASE OPERATING SHEAR RATING = 1.57							
* 4		0.0	7	WORST CASE INVENTORY MOMENT RATING = 0.48							
* 4		0.0	7	WORST CASE INVENTORY SHEAR RATING = 0.94							
4	0	35.0	7	1.57	N/C	0.80	0.94	N/C	0.48	N/C	1.15
4	1	36.8	7	1.57	N/C	1.49	0.94	N/C	0.89	N/C	1.67
4	2	38.7	7	2.05	N/C	5.51	1.23	N/C	3.30	N/C	4.62
4	3	40.5	7	2.51	N/C	6.97	1.51	N/C	4.18	N/C	5.66
4	4	42.4	7	3.00	N/C	4.46	1.80	N/C	2.67	N/C	3.79
4	5	44.2	7	3.95	N/C	3.10	2.37	N/C	1.86	N/C	2.76
4	6	46.1	7	5.18	N/C	2.66	3.10	N/C	1.59	N/C	2.41
4	7	47.9	7	5.80	N/C	2.69	3.47	N/C	1.61	N/C	2.44
4	8	49.8	7	4.03	N/C	3.31	2.42	N/C	1.98	N/C	2.91
4	9	51.6	7	3.51	N/C	5.90	2.10	N/C	3.54	N/C	4.93
4	10	53.5	7	3.51	N/C	23.65	2.10	N/C	14.17	N/C	18.82
* 5		0.0	7	WORST CASE OPERATING MOMENT RATING = 0.83							
* 5		0.0	7	WORST CASE OPERATING SHEAR RATING = 1.58							
* 5		0.0	7	WORST CASE INVENTORY MOMENT RATING = 0.50							
* 5		0.0	7	WORST CASE INVENTORY SHEAR RATING = 0.94							
5	0	53.5	7	1.58	N/C	0.83	0.94	N/C	0.50	N/C	1.17
5	1	55.3	7	1.58	N/C	1.53	0.94	N/C	0.92	N/C	1.70
5	2	57.2	7	2.05	N/C	5.74	1.23	N/C	3.44	N/C	4.79
5	3	59.0	7	2.52	N/C	6.87	1.51	N/C	4.12	N/C	5.58
5	4	60.9	7	3.01	N/C	4.40	1.80	N/C	2.64	N/C	3.75
5	5	62.7	7	3.97	N/C	3.07	2.38	N/C	1.84	N/C	2.73
5	6	64.6	7	5.21	N/C	2.64	3.12	N/C	1.58	N/C	2.39
5	7	66.4	7	5.76	N/C	2.68	3.45	N/C	1.60	N/C	2.42
5	8	68.3	7	4.01	N/C	3.29	2.40	N/C	1.97	N/C	2.90
5	9	70.1	7	3.50	N/C	5.89	2.10	N/C	3.53	N/C	4.92
5	10	72.0	7	3.50	N/C	23.63	2.10	N/C	14.15	N/C	18.80
* 6		0.0	7	WORST CASE OPERATING MOMENT RATING = 0.84							
* 6		0.0	7	WORST CASE OPERATING SHEAR RATING = 1.95							
* 6		0.0	7	WORST CASE INVENTORY MOMENT RATING = 0.50							
* 6		0.0	7	WORST CASE INVENTORY SHEAR RATING = 1.17							
6	0	72.0	7	1.95	N/C	0.84	1.17	N/C	0.50	N/C	1.13
6	1	73.8	7	1.95	N/C	1.50	1.17	N/C	0.90	N/C	1.62
6	2	75.7	7	2.02	N/C	4.75	1.21	N/C	2.84	N/C	4.04
6	3	77.5	7	2.47	N/C	7.64	1.48	N/C	4.58	N/C	6.15
6	4	79.4	7	2.95	N/C	4.77	1.76	N/C	2.86	N/C	4.03
6	5	81.2	7	3.88	N/C	3.25	2.32	N/C	1.94	N/C	2.87
6	6	83.1	7	5.08	N/C	2.74	3.04	N/C	1.64	N/C	2.47
6	7	84.9	7	5.95	N/C	2.76	3.56	N/C	1.65	N/C	2.48
6	8	86.8	7	4.10	N/C	3.36	2.46	N/C	2.01	N/C	2.94
6	9	88.6	7	3.56	N/C	5.94	2.13	N/C	3.56	N/C	4.96
6	10	90.5	7	3.56	N/C	23.78	2.13	N/C	14.24	N/C	18.91
* 7		0.0	7	WORST CASE OPERATING MOMENT RATING = 0.77							
* 7		0.0	7	WORST CASE OPERATING SHEAR RATING = 1.57							
* 7		0.0	7	WORST CASE INVENTORY MOMENT RATING = 0.46							
* 7		0.0	7	WORST CASE INVENTORY SHEAR RATING = 0.94							
7	0	90.5	7	1.57	N/C	0.77	0.94	N/C	0.46	N/C	1.11

7	1	92.3	7	1.57	N/C	1.41	0.94	N/C	0.85	N/C	1.60	
7	2	94.2	7	2.04	N/C	5.13	1.22	N/C	3.08	N/C	4.33	
7	3	96.0	7	2.50	N/C	7.16	1.50	N/C	4.29	N/C	5.79	
7	4	97.9	7	2.98	N/C	4.58	1.78	N/C	2.74	N/C	3.88	
7	5	99.7	7	3.61	N/C	2.51	2.16	N/C	1.50	N/C	2.30	
7	6	101.6	7	5.15	N/C	2.69	3.08	N/C	1.61	N/C	2.43	
7	7	103.4	7	5.85	N/C	2.70	3.50	N/C	1.62	N/C	2.45	
7	8	105.3	7	4.04	N/C	3.31	2.42	N/C	1.98	N/C	2.91	
7	9	107.1	7	3.51	N/C	5.90	2.10	N/C	3.54	N/C	4.94	
7	10	109.0	7	3.51	N/C	23.68	2.10	N/C	14.18	N/C	18.84	
* 8		0.0	7	WORST CASE OPERATING				MOMENT RATING =		0.84		
* 8		0.0	7	WORST CASE OPERATING				SHEAR RATING =		1.95		
* 8		0.0	7	WORST CASE INVENTORY				MOMENT RATING =		0.50		
* 8		0.0	7	WORST CASE INVENTORY				SHEAR RATING =		1.17		
8	0	109.0	7	1.95	N/C	0.84	1.17	N/C	0.50	N/C	1.13	
8	1	110.8	7	1.95	N/C	1.50	1.17	N/C	0.90	N/C	1.62	
8	2	112.7	7	2.02	N/C	4.75	1.21	N/C	2.84	N/C	4.04	
8	3	114.5	7	2.47	N/C	7.64	1.48	N/C	4.58	N/C	6.15	
8	4	116.4	7	2.95	N/C	4.77	1.76	N/C	2.86	N/C	4.03	
8	5	118.2	7	3.88	N/C	3.25	2.32	N/C	1.94	N/C	2.87	
8	6	120.1	7	5.08	N/C	2.74	3.04	N/C	1.64	N/C	2.47	
8	7	121.9	7	5.95	N/C	2.76	3.56	N/C	1.65	N/C	2.48	
8	8	123.8	7	4.10	N/C	3.36	2.46	N/C	2.01	N/C	2.94	
8	9	125.6	7	3.56	N/C	5.94	2.13	N/C	3.56	N/C	4.96	
8	10	127.5	7	3.56	N/C	23.78	2.13	N/C	14.24	N/C	18.91	
* 9		0.0	7	WORST CASE OPERATING				MOMENT RATING =		1.64		
* 9		0.0	7	WORST CASE OPERATING				SHEAR RATING =		2.39		
* 9		0.0	7	WORST CASE INVENTORY				MOMENT RATING =		0.98		
* 9		0.0	7	WORST CASE INVENTORY				SHEAR RATING =		1.43		
9	0	127.5	7	2.39	N/C	1.64	1.43	N/C	0.98	N/C	1.70	
9	1	129.4	7	2.39	N/C	2.75	1.43	N/C	1.65	N/C	2.54	
9	2	131.2	7	2.50	N/C	8.94	1.50	N/C	5.36	N/C	6.89	
9	3	133.1	7	3.31	N/C	7.22	1.98	N/C	4.33	N/C	5.86	
9	4	134.9	7	4.28	N/C	5.17	2.57	N/C	3.10	N/C	4.31	
9	5	136.8	7	6.55	N/C	4.36	3.93	N/C	2.61	N/C	3.69	
9	6	138.6	7	4.72	N/C	4.86	2.83	N/C	2.91	N/C	4.08	
9	7	140.5	7	3.59	N/C	6.29	2.15	N/C	3.77	N/C	5.16	
9	8	142.3	7	2.66	N/C	3.67	1.59	N/C	2.20	N/C	2.81	
9	9	144.2	7	2.39	N/C	3.67	1.43	N/C	2.20	N/C	3.24	
9	10	146.0	7	2.39	N/C	1.64	1.43	N/C	0.98	N/C	1.70	
*10		0.0	7	WORST CASE OPERATING				MOMENT RATING =		1.64		
*10		0.0	7	WORST CASE OPERATING				SHEAR RATING =		2.39		
*10		0.0	7	WORST CASE INVENTORY				MOMENT RATING =		0.98		
*10		0.0	7	WORST CASE INVENTORY				SHEAR RATING =		1.43		
10	0	146.0	7	2.39	N/C	1.64	1.43	N/C	0.98	N/C	1.70	
10	1	147.9	7	2.39	N/C	2.75	1.43	N/C	1.65	N/C	2.54	
10	2	149.7	7	2.50	N/C	8.94	1.50	N/C	5.36	N/C	6.89	
10	3	151.6	7	3.31	N/C	7.22	1.98	N/C	4.33	N/C	5.86	
10	4	153.4	7	4.28	N/C	5.17	2.57	N/C	3.10	N/C	4.31	
10	5	155.3	7	6.55	N/C	4.36	3.93	N/C	2.61	N/C	3.69	
10	6	157.1	7	4.72	N/C	4.86	2.83	N/C	2.91	N/C	4.08	
10	7	159.0	7	3.59	N/C	6.29	2.15	N/C	3.77	N/C	5.16	
10	8	160.8	7	2.66	N/C	3.67	1.59	N/C	2.20	N/C	2.81	
10	9	162.7	7	2.39	N/C	3.67	1.43	N/C	2.20	N/C	3.24	
10	10	164.5	7	2.39	N/C	1.64	1.43	N/C	0.98	N/C	1.70	
*11		18.0	7	WORST CASE OPERATING				MOMENT RATING =		0.84		
*11		15.5	7	WORST CASE OPERATING				SHEAR RATING =		1.95		
*11		18.0	7	WORST CASE INVENTORY				MOMENT RATING =		0.50		
*11		15.5	7	WORST CASE INVENTORY				SHEAR RATING =		1.17		
11	0	164.5	7	3.56	N/C	INF	2.13	N/C	INF	N/C	INF	
11	1	166.4	7	3.56	N/C	7.91	2.13	N/C	4.74	N/C	6.50	
11	2	168.2	7	3.76	N/C	3.72	2.25	N/C	2.23	N/C	3.23	
11	3	170.1	7	5.39	N/C	2.85	3.23	N/C	1.71	N/C	2.56	
11	4	171.9	7	5.58	N/C	2.70	3.34	N/C	1.62	N/C	2.44	
11	5	173.8	7	3.95	N/C	3.02	2.37	N/C	1.81	N/C	2.69	
11	6	175.6	7	3.14	N/C	4.26	1.88	N/C	2.55	N/C	3.64	
11	7	177.5	7	2.61	N/C	6.39	1.57	N/C	3.83	N/C	5.23	
11	8	179.3	7	2.11	N/C	1.04	1.27	N/C	0.62	N/C	1.03	
11	9	181.2	7	1.95	N/C	1.98	1.17	N/C	1.19	N/C	1.97	
11	10	183.0	7	1.95	N/C	0.84	1.17	N/C	0.50	N/C	1.13	
*12		18.0	7	WORST CASE OPERATING				MOMENT RATING =		0.84		
*12		15.5	7	WORST CASE OPERATING				SHEAR RATING =		1.95		
*12		18.0	7	WORST CASE INVENTORY				MOMENT RATING =		0.50		
*12		15.5	7	WORST CASE INVENTORY				SHEAR RATING =		1.17		
12	0	183.0	7	3.56	N/C	INF	2.13	N/C	INF	N/C	INF	
12	1	184.9	7	3.56	N/C	7.91	2.13	N/C	4.74	N/C	6.50	
12	2	186.7	7	3.76	N/C	3.72	2.25	N/C	2.23	N/C	3.23	
12	3	188.6	7	5.39	N/C	2.85	3.23	N/C	1.71	N/C	2.56	
12	4	190.4	7	5.58	N/C	2.70	3.34	N/C	1.62	N/C	2.44	
12	5	192.3	7	3.95	N/C	3.02	2.37	N/C	1.81	N/C	2.69	
12	6	194.1	7	3.14	N/C	4.26	1.88	N/C	2.55	N/C	3.64	
12	7	196.0	7	2.61	N/C	6.39	1.57	N/C	3.83	N/C	5.23	
12	8	197.8	7	2.11	N/C	1.04	1.27	N/C	0.62	N/C	1.03	
12	9	199.7	7	1.95	N/C	1.98	1.17	N/C	1.19	N/C	1.97	
12	10	201.5	7	1.95	N/C	0.84	1.17	N/C	0.50	N/C	1.13	

*13	18.0	7	WORST CASE OPERATING	MOMENT RATING =	0.83						
*13	16.0	7	WORST CASE OPERATING	SHEAR RATING =	1.58						
*13	18.0	7	WORST CASE INVENTORY	MOMENT RATING =	0.50						
*13	16.0	7	WORST CASE INVENTORY	SHEAR RATING =	0.94						
13	0	201.5	7	3.50	N/C	INF	2.09	N/C	INF	N/C	INF
13	1	203.4	7	3.50	N/C	7.85	2.09	N/C	4.70	N/C	6.46
13	2	205.2	7	3.69	N/C	3.66	2.21	N/C	2.19	N/C	3.18
13	3	207.1	7	5.24	N/C	2.78	3.14	N/C	1.66	N/C	2.50
13	4	208.9	7	5.72	N/C	2.61	3.43	N/C	1.56	N/C	2.37
13	5	210.8	7	4.05	N/C	2.87	2.43	N/C	1.72	N/C	2.58
13	6	212.6	7	3.21	N/C	3.95	1.93	N/C	2.37	N/C	3.41
13	7	214.5	7	2.67	N/C	5.79	1.60	N/C	3.47	N/C	4.79
13	8	216.3	7	2.15	N/C	1.53	1.29	N/C	0.91	N/C	1.35
13	9	218.2	7	1.58	N/C	2.06	0.94	N/C	1.23	N/C	2.11
13	10	220.0	7	1.58	N/C	0.83	0.94	N/C	0.50	N/C	1.17
*14	18.0	7	WORST CASE OPERATING	MOMENT RATING =	0.83						
*14	16.0	7	WORST CASE OPERATING	SHEAR RATING =	1.58						
*14	18.0	7	WORST CASE INVENTORY	MOMENT RATING =	0.50						
*14	16.0	7	WORST CASE INVENTORY	SHEAR RATING =	0.94						
14	0	220.0	7	3.50	N/C	INF	2.09	N/C	INF	N/C	INF
14	1	221.9	7	3.50	N/C	7.85	2.09	N/C	4.70	N/C	6.46
14	2	223.7	7	3.69	N/C	3.66	2.21	N/C	2.19	N/C	3.18
14	3	225.6	7	5.24	N/C	2.78	3.14	N/C	1.66	N/C	2.50
14	4	227.4	7	5.72	N/C	2.61	3.43	N/C	1.56	N/C	2.37
14	5	229.3	7	4.05	N/C	2.87	2.43	N/C	1.72	N/C	2.58
14	6	231.1	7	3.21	N/C	3.95	1.93	N/C	2.37	N/C	3.41
14	7	233.0	7	2.67	N/C	5.79	1.60	N/C	3.47	N/C	4.79
14	8	234.8	7	2.15	N/C	1.53	1.29	N/C	0.91	N/C	1.35
14	9	236.7	7	1.58	N/C	2.06	0.94	N/C	1.23	N/C	2.03
14	10	238.5	7	1.58	N/C	0.83	0.94	N/C	0.50	N/C	1.12
*15	18.0	7	WORST CASE OPERATING	MOMENT RATING =	0.80						
*15	17.0	7	WORST CASE OPERATING	SHEAR RATING =	1.57						
*15	18.0	7	WORST CASE INVENTORY	MOMENT RATING =	0.48						
*15	17.0	7	WORST CASE INVENTORY	SHEAR RATING =	0.94						
15	0	238.5	7	3.51	N/C	INF	2.10	N/C	INF	N/C	INF
15	1	240.4	7	3.51	N/C	7.86	2.10	N/C	4.71	N/C	6.46
15	2	242.2	7	3.71	N/C	3.68	2.22	N/C	2.20	N/C	3.19
15	3	244.1	7	5.27	N/C	2.79	3.15	N/C	1.67	N/C	2.51
15	4	245.9	7	5.69	N/C	2.62	3.41	N/C	1.57	N/C	2.38
15	5	247.8	7	4.03	N/C	2.90	2.41	N/C	1.74	N/C	2.60
15	6	249.6	7	3.20	N/C	4.00	1.92	N/C	2.40	N/C	3.45
15	7	251.5	7	2.66	N/C	5.88	1.59	N/C	3.52	N/C	4.85
15	8	253.3	7	2.15	N/C	1.41	1.29	N/C	0.85	N/C	1.27
15	9	255.2	7	1.76	N/C	2.00	1.05	N/C	1.20	N/C	1.99
15	10	257.0	7	1.57	N/C	0.80	0.94	N/C	0.48	N/C	1.15
*16	18.0	7	WORST CASE OPERATING	MOMENT RATING =	0.84						
*16	15.5	7	WORST CASE OPERATING	SHEAR RATING =	1.95						
*16	18.0	7	WORST CASE INVENTORY	MOMENT RATING =	0.50						
*16	15.5	7	WORST CASE INVENTORY	SHEAR RATING =	1.17						
16	0	257.0	7	3.56	N/C	INF	2.13	N/C	INF	N/C	INF
16	1	258.9	7	3.56	N/C	7.91	2.13	N/C	4.74	N/C	6.50
16	2	260.7	7	3.76	N/C	3.72	2.25	N/C	2.23	N/C	3.23
16	3	262.6	7	5.39	N/C	2.85	3.23	N/C	1.71	N/C	2.56
16	4	264.4	7	5.58	N/C	2.70	3.34	N/C	1.62	N/C	2.44
16	5	266.3	7	3.95	N/C	3.02	2.37	N/C	1.81	N/C	2.69
16	6	268.1	7	3.14	N/C	4.26	1.88	N/C	2.55	N/C	3.64
16	7	270.0	7	2.61	N/C	6.39	1.57	N/C	3.83	N/C	5.23
16	8	271.8	7	2.11	N/C	1.04	1.27	N/C	0.62	N/C	1.03
16	9	273.7	7	1.95	N/C	1.98	1.17	N/C	1.19	N/C	1.97
16	10	275.5	7	1.95	N/C	0.84	1.17	N/C	0.50	N/C	1.13
*17	18.0	7	WORST CASE OPERATING	MOMENT RATING =	0.84						
*17	15.5	7	WORST CASE OPERATING	SHEAR RATING =	1.95						
*17	18.0	7	WORST CASE INVENTORY	MOMENT RATING =	0.50						
*17	15.5	7	WORST CASE INVENTORY	SHEAR RATING =	1.17						
17	0	275.5	7	3.56	N/C	INF	2.13	N/C	INF	N/C	INF
17	1	277.4	7	3.56	N/C	7.91	2.13	N/C	4.74	N/C	6.50
17	2	279.2	7	3.76	N/C	3.72	2.25	N/C	2.23	N/C	3.23
17	3	281.1	7	5.39	N/C	2.85	3.23	N/C	1.71	N/C	2.56
17	4	282.9	7	5.58	N/C	2.70	3.34	N/C	1.62	N/C	2.44
17	5	284.8	7	3.95	N/C	3.02	2.37	N/C	1.81	N/C	2.69
17	6	286.6	7	3.14	N/C	4.26	1.88	N/C	2.55	N/C	3.64
17	7	288.5	7	2.61	N/C	6.39	1.57	N/C	3.83	N/C	5.23
17	8	290.3	7	2.11	N/C	1.04	1.27	N/C	0.62	N/C	1.03
17	9	292.2	7	1.95	N/C	1.98	1.17	N/C	1.19	N/C	1.97
17	10	294.0	7	1.95	N/C	0.84	1.17	N/C	0.50	N/C	1.13
*18	0.0	7	WORST CASE OPERATING	MOMENT RATING =	0.75						
*18	0.0	7	WORST CASE OPERATING	SHEAR RATING =	1.82						
*18	0.0	7	WORST CASE INVENTORY	MOMENT RATING =	0.45						
*18	0.0	7	WORST CASE INVENTORY	SHEAR RATING =	1.09						
18	0	294.0	7	1.82	N/C	0.75	1.09	N/C	0.45	N/C	1.07
18	1	295.9	7	1.82	N/C	1.37	1.09	N/C	0.82	N/C	1.53
18	2	297.8	7	1.90	N/C	4.30	1.14	N/C	2.58	N/C	3.71
18	3	299.7	7	2.34	N/C	7.73	1.40	N/C	4.63	N/C	5.81
18	4	301.6	7	2.92	N/C	4.20	1.75	N/C	2.52	N/C	3.59

18	5	303.5	7	3.53	N/C	3.20	2.12	N/C	1.92	N/C	2.83
18	6	305.4	7	4.80	N/C	2.65	2.87	N/C	1.59	N/C	2.41
18	7	307.3	7	5.30	N/C	2.65	3.17	N/C	1.59	N/C	2.40
18	8	309.2	7	3.80	N/C	3.28	2.27	N/C	1.96	N/C	2.89
18	9	311.1	7	3.32	N/C	5.88	1.99	N/C	3.52	N/C	4.92
18	10	313.0	7	3.32	N/C	23.53	1.99	N/C	14.10	N/C	18.73

* 1	0.0	8	WORST CASE OPERATING	MOMENT RATING =	6.59						
* 1	2.0	8	WORST CASE OPERATING	SHEAR RATING =	12.39						
* 1	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	3.95						
* 1	2.0	8	WORST CASE INVENTORY	SHEAR RATING =	7.42						
1	0	0.0	8	INF	N/C	6.59	INF	N/C	3.95	N/C	5.24
1	1	0.4	8	INF	N/C	6.59	INF	N/C	3.95	N/C	5.24
1	2	0.8	8	INF	N/C	6.59	INF	N/C	3.95	N/C	5.24
1	3	1.2	8	INF	N/C	55.09	INF	N/C	33.00	N/C	43.54
1	4	1.6	8	INF	N/C	23.85	INF	N/C	14.29	N/C	18.90
1	5	2.0	8	12.39	N/C	19.49	7.42	N/C	11.68	N/C	15.47
1	6	2.4	8	12.39	N/C	19.49	7.42	N/C	11.68	N/C	15.47
1	7	2.8	8	29.21	N/C	23.85	17.50	N/C	14.29	N/C	18.90
1	8	3.2	8	INF	N/C	59.81	INF	N/C	35.83	N/C	47.22
1	9	3.6	8	INF	N/C	32.07	INF	N/C	19.22	N/C	25.35
1	10	4.0	8	INF	N/C	32.07	INF	N/C	19.22	N/C	25.35

* 2	0.0	8	WORST CASE OPERATING	MOMENT RATING =	2.31						
* 2	0.0	8	WORST CASE OPERATING	SHEAR RATING =	2.53						
* 2	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	1.38						
* 2	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	1.51						
2	0	4.0	8	2.53	N/C	2.31	1.51	N/C	1.38	N/C	2.13
2	1	5.3	8	2.53	N/C	3.02	1.51	N/C	1.81	N/C	2.67
2	2	6.5	8	2.53	N/C	8.71	1.51	N/C	5.22	N/C	7.05
2	3	7.8	8	2.59	N/C	7.11	1.55	N/C	4.26	N/C	5.70
2	4	9.0	8	3.24	N/C	7.29	1.94	N/C	4.37	N/C	5.92
2	5	10.3	8	3.88	N/C	5.69	2.33	N/C	3.41	N/C	4.68
2	6	11.5	8	5.75	N/C	4.82	3.45	N/C	2.89	N/C	4.00
2	7	12.8	8	5.79	N/C	4.85	3.47	N/C	2.91	N/C	4.02
2	8	14.0	8	4.67	N/C	6.07	2.80	N/C	3.63	N/C	4.97
2	9	15.3	8	4.67	N/C	8.93	2.80	N/C	5.35	N/C	7.21
2	10	16.5	8	4.67	N/C	INF	2.80	N/C	INF	N/C	INF

* 3	0.0	8	WORST CASE OPERATING	MOMENT RATING =	0.80						
* 3	0.0	8	WORST CASE OPERATING	SHEAR RATING =	1.54						
* 3	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.48						
* 3	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	0.92						
3	0	16.5	8	1.54	N/C	0.80	0.92	N/C	0.48	N/C	1.14
3	1	18.4	8	1.54	N/C	1.47	0.92	N/C	0.88	N/C	1.65
3	2	20.2	8	2.00	N/C	5.45	1.20	N/C	3.26	N/C	4.57
3	3	22.1	8	2.45	N/C	6.84	1.47	N/C	4.09	N/C	5.55
3	4	23.9	8	2.90	N/C	4.36	1.74	N/C	2.61	N/C	3.70
3	5	25.8	8	3.79	N/C	3.05	2.27	N/C	1.83	N/C	2.71
3	6	27.6	8	5.17	N/C	2.62	3.10	N/C	1.57	N/C	2.38
3	7	29.5	8	5.25	N/C	2.64	3.14	N/C	1.58	N/C	2.39
3	8	31.3	8	3.71	N/C	3.26	2.22	N/C	1.96	N/C	2.87
3	9	33.2	8	3.24	N/C	5.86	1.94	N/C	3.51	N/C	4.90
3	10	35.0	8	3.24	N/C	INF	1.94	N/C	INF	N/C	INF

* 4	0.0	8	WORST CASE OPERATING	MOMENT RATING =	0.80						
* 4	0.0	8	WORST CASE OPERATING	SHEAR RATING =	1.54						
* 4	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.48						
* 4	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	0.92						
4	0	35.0	8	1.54	N/C	0.80	0.92	N/C	0.48	N/C	1.14
4	1	36.8	8	1.54	N/C	1.47	0.92	N/C	0.88	N/C	1.65
4	2	38.7	8	2.00	N/C	5.45	1.20	N/C	3.27	N/C	4.57
4	3	40.5	8	2.46	N/C	6.84	1.47	N/C	4.09	N/C	5.55
4	4	42.4	8	2.95	N/C	4.39	1.77	N/C	2.63	N/C	3.73
4	5	44.2	8	3.84	N/C	3.05	2.30	N/C	1.83	N/C	2.71
4	6	46.1	8	5.17	N/C	2.63	3.10	N/C	1.57	N/C	2.38
4	7	47.9	8	5.56	N/C	2.65	3.33	N/C	1.59	N/C	2.40
4	8	49.8	8	3.85	N/C	3.26	2.30	N/C	1.96	N/C	2.87
4	9	51.6	8	3.36	N/C	5.87	2.01	N/C	3.51	N/C	4.90
4	10	53.5	8	3.36	N/C	23.85	2.01	N/C	14.29	N/C	18.98

* 5	0.0	8	WORST CASE OPERATING	MOMENT RATING =	0.82						
* 5	0.0	8	WORST CASE OPERATING	SHEAR RATING =	1.54						
* 5	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.49						
* 5	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	0.92						
5	0	53.5	8	1.54	N/C	0.82	0.92	N/C	0.49	N/C	1.16
5	1	55.3	8	1.54	N/C	1.51	0.92	N/C	0.91	N/C	1.69
5	2	57.2	8	2.00	N/C	5.68	1.20	N/C	3.40	N/C	4.75
5	3	59.0	8	2.47	N/C	6.74	1.48	N/C	4.04	N/C	5.48
5	4	60.9	8	2.96	N/C	4.32	1.77	N/C	2.59	N/C	3.68
5	5	62.7	8	3.86	N/C	3.02	2.31	N/C	1.81	N/C	2.69
5	6	64.6	8	5.20	N/C	2.61	3.12	N/C	1.56	N/C	2.36
5	7	66.4	8	5.53	N/C	2.63	3.31	N/C	1.58	N/C	2.38
5	8	68.3	8	3.83	N/C	3.25	2.29	N/C	1.95	N/C	2.86
5	9	70.1	8	3.35	N/C	5.86	2.00	N/C	3.51	N/C	4.89
5	10	72.0	8	3.35	N/C	23.82	2.00	N/C	14.27	N/C	18.95

* 6	0.0	8	WORST CASE OPERATING	MOMENT RATING =	0.83						
* 6	0.0	8	WORST CASE OPERATING	SHEAR RATING =	1.91						
* 6	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.50						

* 6	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	1.15			
6 0	72.0	8	1.91 N/C 0.83	1.15 N/C	0.50	N/C	1.12	
6 1	73.8	8	1.91 N/C 1.48	1.15 N/C	0.89	N/C	1.60	
6 2	75.7	8	1.97 N/C 4.70	1.18 N/C	2.82	N/C	4.00	
6 3	77.5	8	2.42 N/C 7.56	1.45 N/C	4.53	N/C	6.08	
6 4	79.4	8	2.90 N/C 4.69	1.74 N/C	2.81	N/C	3.96	
6 5	81.2	8	3.77 N/C 3.20	2.26 N/C	1.92	N/C	2.82	
6 6	83.1	8	5.07 N/C 2.71	3.04 N/C	1.62	N/C	2.44	
6 7	84.9	8	5.69 N/C 2.71	3.41 N/C	1.62	N/C	2.44	
6 8	86.8	8	3.91 N/C 3.31	2.34 N/C	1.98	N/C	2.90	
6 9	88.6	8	3.40 N/C 5.91	2.04 N/C	3.54	N/C	4.93	
6 10	90.5	8	3.40 N/C 23.96	2.04 N/C	14.35	N/C	19.06	
* 7	0.0	8	WORST CASE OPERATING	MOMENT RATING =	0.76			
* 7	0.0	8	WORST CASE OPERATING	SHEAR RATING =	1.54			
* 7	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.45			
* 7	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	0.92			
7 0	90.5	8	1.54 N/C 0.76	0.92 N/C	0.45	N/C	1.10	
7 1	92.3	8	1.54 N/C 1.40	0.92 N/C	0.84	N/C	1.59	
7 2	94.2	8	2.00 N/C 5.08	1.20 N/C	3.04	N/C	4.28	
7 3	96.0	8	2.45 N/C 7.07	1.47 N/C	4.23	N/C	5.72	
7 4	97.9	8	2.93 N/C 4.50	1.75 N/C	2.70	N/C	3.81	
7 5	99.7	8	3.51 N/C 2.47	2.10 N/C	1.48	N/C	2.26	
7 6	101.6	8	5.14 N/C 2.65	3.08 N/C	1.59	N/C	2.41	
7 7	103.4	8	5.60 N/C 2.65	3.35 N/C	1.59	N/C	2.41	
7 8	105.3	8	3.85 N/C 3.27	2.31 N/C	1.96	N/C	2.88	
7 9	107.1	8	3.36 N/C 5.87	2.01 N/C	3.52	N/C	4.91	
7 10	109.0	8	3.36 N/C 23.87	2.01 N/C	14.30	N/C	18.99	
* 8	0.0	8	WORST CASE OPERATING	MOMENT RATING =	0.83			
* 8	0.0	8	WORST CASE OPERATING	SHEAR RATING =	1.91			
* 8	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.50			
* 8	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	1.15			
8 0	109.0	8	1.91 N/C 0.83	1.15 N/C	0.50	N/C	1.12	
8 1	110.8	8	1.91 N/C 1.48	1.15 N/C	0.89	N/C	1.60	
8 2	112.7	8	1.97 N/C 4.70	1.18 N/C	2.82	N/C	4.00	
8 3	114.5	8	2.42 N/C 7.56	1.45 N/C	4.53	N/C	6.08	
8 4	116.4	8	2.90 N/C 4.69	1.74 N/C	2.81	N/C	3.96	
8 5	118.2	8	3.77 N/C 3.20	2.26 N/C	1.92	N/C	2.82	
8 6	120.1	8	5.07 N/C 2.71	3.04 N/C	1.62	N/C	2.44	
8 7	121.9	8	5.69 N/C 2.71	3.41 N/C	1.62	N/C	2.44	
8 8	123.8	8	3.91 N/C 3.31	2.34 N/C	1.98	N/C	2.90	
8 9	125.6	8	3.40 N/C 5.91	2.04 N/C	3.54	N/C	4.93	
8 10	127.5	8	3.40 N/C 23.96	2.04 N/C	14.35	N/C	19.06	
* 9	18.0	8	WORST CASE OPERATING	MOMENT RATING =	1.63			
* 9	0.0	8	WORST CASE OPERATING	SHEAR RATING =	2.32			
* 9	18.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.97			
* 9	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	1.39			
9 0	127.5	8	2.32 N/C 1.63	1.39 N/C	0.97	N/C	1.68	
9 1	129.4	8	2.32 N/C 2.73	1.39 N/C	1.63	N/C	2.52	
9 2	131.2	8	2.42 N/C 8.93	1.45 N/C	5.35	N/C	6.88	
9 3	133.1	8	3.18 N/C 7.09	1.90 N/C	4.25	N/C	5.76	
9 4	134.9	8	4.07 N/C 5.08	2.44 N/C	3.04	N/C	4.24	
9 5	136.8	8	6.12 N/C 4.30	3.67 N/C	2.58	N/C	3.64	
9 6	138.6	8	4.46 N/C 4.79	2.67 N/C	2.87	N/C	4.01	
9 7	140.5	8	3.44 N/C 6.16	2.06 N/C	3.69	N/C	5.06	
9 8	142.3	8	2.57 N/C 3.64	1.54 N/C	2.18	N/C	2.79	
9 9	144.2	8	2.32 N/C 3.64	1.39 N/C	2.18	N/C	3.21	
9 10	146.0	8	2.32 N/C 1.63	1.39 N/C	0.97	N/C	1.68	
*10	18.0	8	WORST CASE OPERATING	MOMENT RATING =	1.63			
*10	0.0	8	WORST CASE OPERATING	SHEAR RATING =	2.32			
*10	18.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.97			
*10	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	1.39			
10 0	146.0	8	2.32 N/C 1.63	1.39 N/C	0.97	N/C	1.68	
10 1	147.9	8	2.32 N/C 2.73	1.39 N/C	1.63	N/C	2.52	
10 2	149.7	8	2.42 N/C 8.93	1.45 N/C	5.35	N/C	6.88	
10 3	151.6	8	3.18 N/C 7.09	1.90 N/C	4.25	N/C	5.76	
10 4	153.4	8	4.07 N/C 5.08	2.44 N/C	3.04	N/C	4.24	
10 5	155.3	8	6.12 N/C 4.30	3.67 N/C	2.58	N/C	3.64	
10 6	157.1	8	4.46 N/C 4.79	2.67 N/C	2.87	N/C	4.01	
10 7	159.0	8	3.44 N/C 6.16	2.06 N/C	3.69	N/C	5.06	
10 8	160.8	8	2.57 N/C 3.64	1.54 N/C	2.18	N/C	2.79	
10 9	162.7	8	2.32 N/C 3.64	1.39 N/C	2.18	N/C	3.21	
10 10	164.5	8	2.32 N/C 1.63	1.39 N/C	0.97	N/C	1.68	
*11	18.0	8	WORST CASE OPERATING	MOMENT RATING =	0.83			
*11	15.5	8	WORST CASE OPERATING	SHEAR RATING =	1.91			
*11	18.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.50			
*11	15.5	8	WORST CASE INVENTORY	SHEAR RATING =	1.15			
11 0	164.5	8	3.40 N/C INF	2.04 N/C	INF	N/C	INF	
11 1	166.4	8	3.40 N/C 7.90	2.04 N/C	4.73	N/C	6.49	
11 2	168.2	8	3.59 N/C 3.68	2.15 N/C	2.20	N/C	3.19	
11 3	170.1	8	5.13 N/C 2.80	3.07 N/C	1.68	N/C	2.51	
11 4	171.9	8	5.71 N/C 2.66	3.42 N/C	1.60	N/C	2.41	
11 5	173.8	8	3.88 N/C 2.99	2.32 N/C	1.79	N/C	2.66	
11 6	175.6	8	3.08 N/C 4.18	1.85 N/C	2.51	N/C	3.57	
11 7	177.5	8	2.57 N/C 6.27	1.54 N/C	3.76	N/C	5.13	
11 8	179.3	8	2.07 N/C 1.03	1.24 N/C	0.62	N/C	1.02	

11	9	181.2	8	1.91	N/C	1.96	1.15	N/C	1.17	N/C	1.95
11	10	183.0	8	1.91	N/C	0.83	1.15	N/C	0.50	N/C	1.12
*12		18.0	8	WORST CASE OPERATING				MOMENT RATING =		0.83	
*12		15.5	8	WORST CASE OPERATING				SHEAR RATING =		1.91	
*12		18.0	8	WORST CASE INVENTORY				MOMENT RATING =		0.50	
*12		15.5	8	WORST CASE INVENTORY				SHEAR RATING =		1.15	
12	0	183.0	8	3.40	N/C	INF	2.04	N/C	INF	N/C	INF
12	1	184.9	8	3.40	N/C	7.90	2.04	N/C	4.73	N/C	6.49
12	2	186.7	8	3.59	N/C	3.68	2.15	N/C	2.20	N/C	3.19
12	3	188.6	8	5.13	N/C	2.80	3.07	N/C	1.68	N/C	2.51
12	4	190.4	8	5.71	N/C	2.66	3.42	N/C	1.60	N/C	2.41
12	5	192.3	8	3.88	N/C	2.99	2.32	N/C	1.79	N/C	2.66
12	6	194.1	8	3.08	N/C	4.18	1.85	N/C	2.51	N/C	3.57
12	7	196.0	8	2.57	N/C	6.27	1.54	N/C	3.76	N/C	5.13
12	8	197.8	8	2.07	N/C	1.03	1.24	N/C	0.62	N/C	1.02
12	9	199.7	8	1.91	N/C	1.96	1.15	N/C	1.17	N/C	1.95
12	10	201.5	8	1.91	N/C	0.83	1.15	N/C	0.50	N/C	1.12
*13		18.0	8	WORST CASE OPERATING				MOMENT RATING =		0.82	
*13		16.0	8	WORST CASE OPERATING				SHEAR RATING =		1.54	
*13		18.0	8	WORST CASE INVENTORY				MOMENT RATING =		0.49	
*13		16.0	8	WORST CASE INVENTORY				SHEAR RATING =		0.92	
13	0	201.5	8	3.35	N/C	INF	2.00	N/C	INF	N/C	INF
13	1	203.4	8	3.35	N/C	7.84	2.00	N/C	4.70	N/C	6.45
13	2	205.2	8	3.53	N/C	3.62	2.11	N/C	2.17	N/C	3.15
13	3	207.1	8	5.00	N/C	2.73	2.99	N/C	1.63	N/C	2.46
13	4	208.9	8	5.86	N/C	2.57	3.51	N/C	1.54	N/C	2.34
13	5	210.8	8	3.97	N/C	2.84	2.38	N/C	1.70	N/C	2.55
13	6	212.6	8	3.15	N/C	3.89	1.89	N/C	2.33	N/C	3.35
13	7	214.5	8	2.63	N/C	5.66	1.57	N/C	3.39	N/C	4.68
13	8	216.3	8	2.10	N/C	1.51	1.26	N/C	0.91	N/C	1.33
13	9	218.2	8	1.54	N/C	2.04	0.92	N/C	1.22	N/C	2.09
13	10	220.0	8	1.54	N/C	0.82	0.92	N/C	0.49	N/C	1.16
*14		18.0	8	WORST CASE OPERATING				MOMENT RATING =		0.82	
*14		16.0	8	WORST CASE OPERATING				SHEAR RATING =		1.54	
*14		18.0	8	WORST CASE INVENTORY				MOMENT RATING =		0.49	
*14		16.0	8	WORST CASE INVENTORY				SHEAR RATING =		0.92	
14	0	220.0	8	3.35	N/C	INF	2.00	N/C	INF	N/C	INF
14	1	221.9	8	3.35	N/C	7.84	2.00	N/C	4.70	N/C	6.45
14	2	223.7	8	3.53	N/C	3.62	2.11	N/C	2.17	N/C	3.15
14	3	225.6	8	5.00	N/C	2.73	2.99	N/C	1.63	N/C	2.46
14	4	227.4	8	5.86	N/C	2.57	3.51	N/C	1.54	N/C	2.34
14	5	229.3	8	3.97	N/C	2.84	2.38	N/C	1.70	N/C	2.55
14	6	231.1	8	3.15	N/C	3.89	1.89	N/C	2.33	N/C	3.35
14	7	233.0	8	2.63	N/C	5.66	1.57	N/C	3.39	N/C	4.68
14	8	234.8	8	2.10	N/C	1.51	1.26	N/C	0.91	N/C	1.33
14	9	236.7	8	1.54	N/C	2.04	0.92	N/C	1.22	N/C	2.01
14	10	238.5	8	1.54	N/C	0.82	0.92	N/C	0.49	N/C	1.11
*15		18.0	8	WORST CASE OPERATING				MOMENT RATING =		0.80	
*15		17.0	8	WORST CASE OPERATING				SHEAR RATING =		1.54	
*15		18.0	8	WORST CASE INVENTORY				MOMENT RATING =		0.48	
*15		17.0	8	WORST CASE INVENTORY				SHEAR RATING =		0.92	
15	0	238.5	8	3.36	N/C	INF	2.01	N/C	INF	N/C	INF
15	1	240.4	8	3.36	N/C	7.85	2.01	N/C	4.71	N/C	6.46
15	2	242.2	8	3.54	N/C	3.63	2.12	N/C	2.18	N/C	3.16
15	3	244.1	8	5.03	N/C	2.74	3.01	N/C	1.64	N/C	2.47
15	4	245.9	8	5.83	N/C	2.59	3.49	N/C	1.55	N/C	2.35
15	5	247.8	8	3.95	N/C	2.87	2.37	N/C	1.72	N/C	2.57
15	6	249.6	8	3.14	N/C	3.94	1.88	N/C	2.36	N/C	3.39
15	7	251.5	8	2.62	N/C	5.76	1.57	N/C	3.45	N/C	4.75
15	8	253.3	8	2.10	N/C	1.40	1.26	N/C	0.84	N/C	1.26
15	9	255.2	8	1.72	N/C	1.98	1.03	N/C	1.18	N/C	1.97
15	10	257.0	8	1.54	N/C	0.80	0.92	N/C	0.48	N/C	1.14
*16		18.0	8	WORST CASE OPERATING				MOMENT RATING =		0.83	
*16		15.5	8	WORST CASE OPERATING				SHEAR RATING =		1.91	
*16		18.0	8	WORST CASE INVENTORY				MOMENT RATING =		0.50	
*16		15.5	8	WORST CASE INVENTORY				SHEAR RATING =		1.15	
16	0	257.0	8	3.40	N/C	INF	2.04	N/C	INF	N/C	INF
16	1	258.9	8	3.40	N/C	7.90	2.04	N/C	4.73	N/C	6.49
16	2	260.7	8	3.59	N/C	3.68	2.15	N/C	2.20	N/C	3.19
16	3	262.6	8	5.13	N/C	2.80	3.07	N/C	1.68	N/C	2.51
16	4	264.4	8	5.71	N/C	2.66	3.42	N/C	1.60	N/C	2.41
16	5	266.3	8	3.88	N/C	2.99	2.32	N/C	1.79	N/C	2.66
16	6	268.1	8	3.08	N/C	4.18	1.85	N/C	2.51	N/C	3.57
16	7	270.0	8	2.57	N/C	6.27	1.54	N/C	3.76	N/C	5.13
16	8	271.8	8	2.07	N/C	1.03	1.24	N/C	0.62	N/C	1.02
16	9	273.7	8	1.91	N/C	1.96	1.15	N/C	1.17	N/C	1.95
16	10	275.5	8	1.91	N/C	0.83	1.15	N/C	0.50	N/C	1.12
*17		18.0	8	WORST CASE OPERATING				MOMENT RATING =		0.83	
*17		15.5	8	WORST CASE OPERATING				SHEAR RATING =		1.93	
*17		18.0	8	WORST CASE INVENTORY				MOMENT RATING =		0.50	
*17		15.5	8	WORST CASE INVENTORY				SHEAR RATING =		1.16	
17	0	275.5	8	3.40	N/C	INF	2.04	N/C	INF	N/C	INF
17	1	277.4	8	3.40	N/C	7.90	2.04	N/C	4.73	N/C	6.49
17	2	279.2	8	3.59	N/C	3.68	2.15	N/C	2.20	N/C	3.19

17	3	281.1	8	5.13	N/C	2.80	3.07	N/C	1.68	N/C	2.51
17	4	282.9	8	5.71	N/C	2.66	3.42	N/C	1.60	N/C	2.41
17	5	284.8	8	3.88	N/C	2.99	2.32	N/C	1.79	N/C	2.66
17	6	286.6	8	3.08	N/C	4.18	1.85	N/C	2.51	N/C	3.57
17	7	288.5	8	2.57	N/C	6.27	1.54	N/C	3.76	N/C	5.13
17	8	290.3	8	2.09	N/C	1.03	1.25	N/C	0.62	N/C	1.02
17	9	292.2	8	1.93	N/C	1.96	1.16	N/C	1.17	N/C	1.95
17	10	294.0	8	1.93	N/C	0.83	1.16	N/C	0.50	N/C	1.12

*18	0.0	8	WORST CASE OPERATING	MOMENT RATING =	0.75						
*18	0.0	8	WORST CASE OPERATING	SHEAR RATING =	1.85						
*18	0.0	8	WORST CASE INVENTORY	MOMENT RATING =	0.45						
*18	0.0	8	WORST CASE INVENTORY	SHEAR RATING =	1.11						
18	0	294.0	8	1.85	N/C	0.75	1.11	N/C	0.45	N/C	1.06
18	1	295.9	8	1.85	N/C	1.36	1.11	N/C	0.81	N/C	1.52
18	2	297.8	8	1.91	N/C	4.27	1.14	N/C	2.56	N/C	3.68
18	3	299.7	8	2.34	N/C	7.65	1.40	N/C	4.58	N/C	5.78
18	4	301.6	8	2.94	N/C	4.17	1.76	N/C	2.50	N/C	3.56
18	5	303.5	8	3.57	N/C	3.18	2.14	N/C	1.90	N/C	2.81
18	6	305.4	8	4.88	N/C	2.64	2.93	N/C	1.58	N/C	2.40
18	7	307.3	8	5.41	N/C	2.63	3.24	N/C	1.57	N/C	2.38
18	8	309.2	8	3.67	N/C	3.27	2.20	N/C	1.96	N/C	2.88
18	9	311.1	8	3.22	N/C	5.79	1.93	N/C	3.47	N/C	4.84
18	10	313.0	8	3.22	N/C	23.13	1.93	N/C	13.85	N/C	18.40

* 1	0.0	9	WORST CASE OPERATING	MOMENT RATING =	6.32						
* 1	2.0	9	WORST CASE OPERATING	SHEAR RATING =	11.82						
* 1	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	3.78						
* 1	2.0	9	WORST CASE INVENTORY	SHEAR RATING =	7.08						
1	0	0.0	9	INF	N/C	6.32	INF	N/C	3.78	N/C	5.02
1	1	0.4	9	INF	N/C	6.32	INF	N/C	3.78	N/C	5.02
1	2	0.8	9	INF	N/C	6.32	INF	N/C	3.78	N/C	5.02
1	3	1.2	9	INF	N/C	52.53	INF	N/C	31.47	N/C	41.52
1	4	1.6	9	INF	N/C	23.07	INF	N/C	13.82	N/C	18.28
1	5	2.0	9	11.82	N/C	19.06	7.08	N/C	11.42	N/C	15.12
1	6	2.4	9	11.82	N/C	19.06	7.08	N/C	11.42	N/C	15.12
1	7	2.8	9	33.18	N/C	23.08	19.88	N/C	13.83	N/C	18.29
1	8	3.2	9	INF	N/C	59.36	INF	N/C	35.56	N/C	46.86
1	9	3.6	9	INF	N/C	31.02	INF	N/C	18.59	N/C	24.52
1	10	4.0	9	INF	N/C	31.02	INF	N/C	18.59	N/C	24.52

* 2	0.0	9	WORST CASE OPERATING	MOMENT RATING =	2.20						
* 2	0.0	9	WORST CASE OPERATING	SHEAR RATING =	2.39						
* 2	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	1.32						
* 2	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	1.43						
2	0	4.0	9	2.39	N/C	2.20	1.43	N/C	1.32	N/C	2.03
2	1	5.3	9	2.39	N/C	2.88	1.43	N/C	1.72	N/C	2.55
2	2	6.5	9	2.39	N/C	8.32	1.43	N/C	4.98	N/C	6.73
2	3	7.8	9	2.49	N/C	6.84	1.49	N/C	4.10	N/C	5.49
2	4	9.0	9	3.13	N/C	6.95	1.87	N/C	4.16	N/C	5.64
2	5	10.3	9	3.76	N/C	5.43	2.25	N/C	3.25	N/C	4.47
2	6	11.5	9	5.39	N/C	4.62	3.23	N/C	2.77	N/C	3.83
2	7	12.8	9	5.65	N/C	4.64	3.39	N/C	2.78	N/C	3.84
2	8	14.0	9	4.57	N/C	5.82	2.74	N/C	3.48	N/C	4.76
2	9	15.3	9	4.57	N/C	8.54	2.74	N/C	5.11	N/C	6.89
2	10	16.5	9	4.57	N/C	INF	2.74	N/C	INF	N/C	INF

* 3	0.0	9	WORST CASE OPERATING	MOMENT RATING =	0.76						
* 3	0.0	9	WORST CASE OPERATING	SHEAR RATING =	1.46						
* 3	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	0.46						
* 3	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	0.87						
3	0	16.5	9	1.46	N/C	0.76	0.87	N/C	0.46	N/C	1.09
3	1	18.4	9	1.46	N/C	1.40	0.87	N/C	0.84	N/C	1.57
3	2	20.2	9	1.89	N/C	5.19	1.13	N/C	3.11	N/C	4.35
3	3	22.1	9	2.30	N/C	6.51	1.38	N/C	3.90	N/C	5.28
3	4	23.9	9	2.72	N/C	4.15	1.63	N/C	2.49	N/C	3.53
3	5	25.8	9	3.54	N/C	2.90	2.12	N/C	1.74	N/C	2.58
3	6	27.6	9	4.89	N/C	2.51	2.93	N/C	1.50	N/C	2.28
3	7	29.5	9	5.15	N/C	2.52	3.09	N/C	1.51	N/C	2.28
3	8	31.3	9	3.58	N/C	3.13	2.14	N/C	1.87	N/C	2.75
3	9	33.2	9	3.13	N/C	5.56	1.87	N/C	3.33	N/C	4.65
3	10	35.0	9	3.13	N/C	INF	1.87	N/C	INF	N/C	INF

* 4	0.0	9	WORST CASE OPERATING	MOMENT RATING =	0.76						
* 4	0.0	9	WORST CASE OPERATING	SHEAR RATING =	1.46						
* 4	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	0.46						
* 4	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	0.87						
4	0	35.0	9	1.46	N/C	0.76	0.87	N/C	0.46	N/C	1.09
4	1	36.8	9	1.46	N/C	1.40	0.87	N/C	0.84	N/C	1.57
4	2	38.7	9	1.89	N/C	5.21	1.13	N/C	3.12	N/C	4.36
4	3	40.5	9	2.34	N/C	6.51	1.40	N/C	3.90	N/C	5.28
4	4	42.4	9	2.83	N/C	4.22	1.70	N/C	2.53	N/C	3.58
4	5	44.2	9	3.73	N/C	2.93	2.24	N/C	1.75	N/C	2.60
4	6	46.1	9	4.89	N/C	2.51	2.93	N/C	1.50	N/C	2.28
4	7	47.9	9	5.48	N/C	2.52	3.28	N/C	1.51	N/C	2.28
4	8	49.8	9	3.58	N/C	3.14	2.14	N/C	1.88	N/C	2.76
4	9	51.6	9	3.13	N/C	5.56	1.87	N/C	3.33	N/C	4.65
4	10	53.5	9	3.13	N/C	22.31	1.87	N/C	13.37	N/C	17.75

* 5	0.0	9	WORST CASE OPERATING	MOMENT RATING =	0.78						
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* 5	0.0	9	WORST CASE OPERATING	SHEAR RATING =	1.46					
* 5	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	0.47					
* 5	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	0.88					
5 0	53.5	9	1.46	N/C	0.78	0.88	N/C	0.47	N/C	1.10
5 1	55.3	9	1.46	N/C	1.44	0.88	N/C	0.87	N/C	1.61
5 2	57.2	9	1.90	N/C	5.42	1.14	N/C	3.25	N/C	4.53
5 3	59.0	9	2.35	N/C	6.40	1.41	N/C	3.84	N/C	5.20
5 4	60.9	9	2.85	N/C	4.16	1.70	N/C	2.49	N/C	3.54
5 5	62.7	9	3.75	N/C	2.90	2.25	N/C	1.74	N/C	2.58
5 6	64.6	9	4.92	N/C	2.49	2.95	N/C	1.49	N/C	2.26
5 7	66.4	9	5.45	N/C	2.51	3.26	N/C	1.50	N/C	2.27
5 8	68.3	9	3.56	N/C	3.13	2.13	N/C	1.87	N/C	2.75
5 9	70.1	9	3.12	N/C	5.55	1.87	N/C	3.33	N/C	4.64
5 10	72.0	9	3.12	N/C	22.28	1.87	N/C	13.35	N/C	17.73
* 6	0.0	9	WORST CASE OPERATING	MOMENT RATING =	0.79					
* 6	0.0	9	WORST CASE OPERATING	SHEAR RATING =	1.81					
* 6	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	0.48					
* 6	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	1.08					
6 0	72.0	9	1.81	N/C	0.79	1.08	N/C	0.48	N/C	1.07
6 1	73.8	9	1.81	N/C	1.41	1.08	N/C	0.85	N/C	1.53
6 2	75.7	9	1.87	N/C	4.49	1.12	N/C	2.69	N/C	3.82
6 3	77.5	9	2.30	N/C	7.15	1.38	N/C	4.28	N/C	5.76
6 4	79.4	9	2.78	N/C	4.51	1.67	N/C	2.70	N/C	3.80
6 5	81.2	9	3.66	N/C	3.07	2.20	N/C	1.84	N/C	2.71
6 6	83.1	9	4.80	N/C	2.59	2.88	N/C	1.55	N/C	2.34
6 7	84.9	9	5.62	N/C	2.58	3.37	N/C	1.55	N/C	2.32
6 8	86.8	9	3.63	N/C	3.18	2.18	N/C	1.91	N/C	2.79
6 9	88.6	9	3.17	N/C	5.60	1.90	N/C	3.36	N/C	4.68
6 10	90.5	9	3.17	N/C	22.40	1.90	N/C	13.42	N/C	17.82
* 7	0.0	9	WORST CASE OPERATING	MOMENT RATING =	0.72					
* 7	0.0	9	WORST CASE OPERATING	SHEAR RATING =	1.45					
* 7	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	0.43					
* 7	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	0.87					
7 0	90.5	9	1.45	N/C	0.72	0.87	N/C	0.43	N/C	1.05
7 1	92.3	9	1.45	N/C	1.33	0.87	N/C	0.80	N/C	1.51
7 2	94.2	9	1.89	N/C	4.85	1.13	N/C	2.91	N/C	4.09
7 3	96.0	9	2.33	N/C	6.70	1.40	N/C	4.01	N/C	5.42
7 4	97.9	9	2.81	N/C	4.33	1.69	N/C	2.59	N/C	3.66
7 5	99.7	9	3.41	N/C	2.37	2.04	N/C	1.42	N/C	2.17
7 6	101.6	9	4.86	N/C	2.54	2.91	N/C	1.52	N/C	2.30
7 7	103.4	9	5.53	N/C	2.53	3.31	N/C	1.51	N/C	2.29
7 8	105.3	9	3.58	N/C	3.14	2.15	N/C	1.88	N/C	2.76
7 9	107.1	9	3.13	N/C	5.56	1.88	N/C	3.33	N/C	4.65
7 10	109.0	9	3.13	N/C	22.33	1.88	N/C	13.38	N/C	17.77
* 8	0.0	9	WORST CASE OPERATING	MOMENT RATING =	0.79					
* 8	0.0	9	WORST CASE OPERATING	SHEAR RATING =	1.81					
* 8	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	0.48					
* 8	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	1.08					
8 0	109.0	9	1.81	N/C	0.79	1.08	N/C	0.48	N/C	1.07
8 1	110.8	9	1.81	N/C	1.41	1.08	N/C	0.85	N/C	1.53
8 2	112.7	9	1.87	N/C	4.49	1.12	N/C	2.69	N/C	3.82
8 3	114.5	9	2.30	N/C	7.15	1.38	N/C	4.28	N/C	5.76
8 4	116.4	9	2.78	N/C	4.51	1.67	N/C	2.70	N/C	3.80
8 5	118.2	9	3.66	N/C	3.07	2.20	N/C	1.84	N/C	2.71
8 6	120.1	9	4.80	N/C	2.59	2.88	N/C	1.55	N/C	2.34
8 7	121.9	9	5.62	N/C	2.58	3.37	N/C	1.55	N/C	2.32
8 8	123.8	9	3.63	N/C	3.18	2.18	N/C	1.91	N/C	2.79
8 9	125.6	9	3.17	N/C	5.60	1.90	N/C	3.36	N/C	4.68
8 10	127.5	9	3.17	N/C	22.40	1.90	N/C	13.42	N/C	17.82
* 9	0.0	9	WORST CASE OPERATING	MOMENT RATING =	1.55					
* 9	0.0	9	WORST CASE OPERATING	SHEAR RATING =	2.18					
* 9	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	0.93					
* 9	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	1.31					
9 0	127.5	9	2.18	N/C	1.55	1.31	N/C	0.93	N/C	1.60
9 1	129.4	9	2.18	N/C	2.60	1.31	N/C	1.56	N/C	2.41
9 2	131.2	9	2.27	N/C	8.43	1.36	N/C	5.05	N/C	6.49
9 3	133.1	9	3.05	N/C	6.73	1.83	N/C	4.03	N/C	5.46
9 4	134.9	9	4.05	N/C	4.89	2.43	N/C	2.93	N/C	4.07
9 5	136.8	9	6.19	N/C	4.12	3.71	N/C	2.47	N/C	3.49
9 6	138.6	9	4.46	N/C	4.60	2.67	N/C	2.75	N/C	3.85
9 7	140.5	9	3.39	N/C	5.86	2.03	N/C	3.51	N/C	4.81
9 8	142.3	9	2.41	N/C	3.47	1.44	N/C	2.08	N/C	2.66
9 9	144.2	9	2.18	N/C	3.47	1.31	N/C	2.08	N/C	3.07
9 10	146.0	9	2.18	N/C	1.55	1.31	N/C	0.93	N/C	1.60
*10	0.0	9	WORST CASE OPERATING	MOMENT RATING =	1.55					
*10	0.0	9	WORST CASE OPERATING	SHEAR RATING =	2.18					
*10	0.0	9	WORST CASE INVENTORY	MOMENT RATING =	0.93					
*10	0.0	9	WORST CASE INVENTORY	SHEAR RATING =	1.31					
10 0	146.0	9	2.18	N/C	1.55	1.31	N/C	0.93	N/C	1.60
10 1	147.9	9	2.18	N/C	2.60	1.31	N/C	1.56	N/C	2.41
10 2	149.7	9	2.27	N/C	8.43	1.36	N/C	5.05	N/C	6.49
10 3	151.6	9	3.05	N/C	6.73	1.83	N/C	4.03	N/C	5.46
10 4	153.4	9	4.05	N/C	4.89	2.43	N/C	2.93	N/C	4.07
10 5	155.3	9	6.19	N/C	4.12	3.71	N/C	2.47	N/C	3.49
10 6	157.1	9	4.46	N/C	4.60	2.67	N/C	2.75	N/C	3.85

10	7	159.0	9	3.39	N/C	5.86	2.03	N/C	3.51	N/C	4.81		
10	8	160.8	9	2.41	N/C	3.47	1.44	N/C	2.08	N/C	2.66		
10	9	162.7	9	2.18	N/C	3.47	1.31	N/C	2.08	N/C	3.07		
10	10	164.5	9	2.18	N/C	1.55	1.31	N/C	0.93	N/C	1.60		
*11		18.0	9	WORST CASE OPERATING MOMENT RATING =							0.79		
*11		15.5	9	WORST CASE OPERATING SHEAR RATING =							1.81		
*11		18.0	9	WORST CASE INVENTORY MOMENT RATING =							0.48		
*11		15.5	9	WORST CASE INVENTORY SHEAR RATING =							1.08		
11	0	164.5	9	3.17	N/C	INF	1.90	N/C	INF	N/C	INF		
11	1	166.4	9	3.17	N/C	7.46	1.90	N/C	4.47	N/C	6.13		
11	2	168.2	9	3.34	N/C	3.53	2.00	N/C	2.11	N/C	3.06		
11	3	170.1	9	4.90	N/C	2.67	2.93	N/C	1.60	N/C	2.39		
11	4	171.9	9	5.27	N/C	2.55	3.16	N/C	1.53	N/C	2.30		
11	5	173.8	9	3.74	N/C	2.86	2.24	N/C	1.71	N/C	2.54		
11	6	175.6	9	2.97	N/C	4.02	1.78	N/C	2.41	N/C	3.44		
11	7	177.5	9	2.47	N/C	5.95	1.48	N/C	3.57	N/C	4.88		
11	8	179.3	9	1.95	N/C	0.98	1.17	N/C	0.59	N/C	0.97		
11	9	181.2	9	1.81	N/C	1.87	1.08	N/C	1.12	N/C	1.87		
11	10	183.0	9	1.81	N/C	0.79	1.08	N/C	0.48	N/C	1.07		
*12		18.0	9	WORST CASE OPERATING MOMENT RATING =							0.79		
*12		15.5	9	WORST CASE OPERATING SHEAR RATING =							1.81		
*12		18.0	9	WORST CASE INVENTORY MOMENT RATING =							0.48		
*12		15.5	9	WORST CASE INVENTORY SHEAR RATING =							1.08		
12	0	183.0	9	3.17	N/C	INF	1.90	N/C	INF	N/C	INF		
12	1	184.9	9	3.17	N/C	7.46	1.90	N/C	4.47	N/C	6.13		
12	2	186.7	9	3.34	N/C	3.53	2.00	N/C	2.11	N/C	3.06		
12	3	188.6	9	4.90	N/C	2.67	2.93	N/C	1.60	N/C	2.39		
12	4	190.4	9	5.27	N/C	2.55	3.16	N/C	1.53	N/C	2.30		
12	5	192.3	9	3.74	N/C	2.86	2.24	N/C	1.71	N/C	2.54		
12	6	194.1	9	2.97	N/C	4.02	1.78	N/C	2.41	N/C	3.44		
12	7	196.0	9	2.47	N/C	5.95	1.48	N/C	3.57	N/C	4.88		
12	8	197.8	9	1.95	N/C	0.98	1.17	N/C	0.59	N/C	0.97		
12	9	199.7	9	1.81	N/C	1.87	1.08	N/C	1.12	N/C	1.87		
12	10	201.5	9	1.81	N/C	0.79	1.08	N/C	0.48	N/C	1.07		
*13		18.0	9	WORST CASE OPERATING MOMENT RATING =							0.78		
*13		16.0	9	WORST CASE OPERATING SHEAR RATING =							1.46		
*13		18.0	9	WORST CASE INVENTORY MOMENT RATING =							0.47		
*13		16.0	9	WORST CASE INVENTORY SHEAR RATING =							0.88		
13	0	201.5	9	3.12	N/C	INF	1.87	N/C	INF	N/C	INF		
13	1	203.4	9	3.12	N/C	7.40	1.87	N/C	4.43	N/C	6.08		
13	2	205.2	9	3.29	N/C	3.47	1.97	N/C	2.08	N/C	3.02		
13	3	207.1	9	4.77	N/C	2.60	2.85	N/C	1.56	N/C	2.34		
13	4	208.9	9	5.41	N/C	2.46	3.24	N/C	1.48	N/C	2.24		
13	5	210.8	9	3.83	N/C	2.71	2.29	N/C	1.63	N/C	2.44		
13	6	212.6	9	3.04	N/C	3.74	1.82	N/C	2.24	N/C	3.22		
13	7	214.5	9	2.52	N/C	5.39	1.51	N/C	3.23	N/C	4.45		
13	8	216.3	9	1.99	N/C	1.44	1.19	N/C	0.86	N/C	1.27		
13	9	218.2	9	1.46	N/C	1.94	0.88	N/C	1.17	N/C	1.99		
13	10	220.0	9	1.46	N/C	0.78	0.88	N/C	0.47	N/C	1.10		
*14		18.0	9	WORST CASE OPERATING MOMENT RATING =							0.78		
*14		16.0	9	WORST CASE OPERATING SHEAR RATING =							1.46		
*14		18.0	9	WORST CASE INVENTORY MOMENT RATING =							0.47		
*14		16.0	9	WORST CASE INVENTORY SHEAR RATING =							0.88		
14	0	220.0	9	3.12	N/C	INF	1.87	N/C	INF	N/C	INF		
14	1	221.9	9	3.12	N/C	7.40	1.87	N/C	4.43	N/C	6.08		
14	2	223.7	9	3.29	N/C	3.47	1.97	N/C	2.08	N/C	3.02		
14	3	225.6	9	4.77	N/C	2.60	2.85	N/C	1.56	N/C	2.34		
14	4	227.4	9	5.41	N/C	2.46	3.24	N/C	1.48	N/C	2.24		
14	5	229.3	9	3.83	N/C	2.71	2.29	N/C	1.63	N/C	2.44		
14	6	231.1	9	3.04	N/C	3.74	1.82	N/C	2.24	N/C	3.22		
14	7	233.0	9	2.52	N/C	5.39	1.51	N/C	3.23	N/C	4.45		
14	8	234.8	9	1.99	N/C	1.44	1.19	N/C	0.86	N/C	1.27		
14	9	236.7	9	1.46	N/C	1.94	0.88	N/C	1.17	N/C	1.92		
14	10	238.5	9	1.46	N/C	0.78	0.88	N/C	0.47	N/C	1.06		
*15		18.0	9	WORST CASE OPERATING MOMENT RATING =							0.76		
*15		17.0	9	WORST CASE OPERATING SHEAR RATING =							1.46		
*15		18.0	9	WORST CASE INVENTORY MOMENT RATING =							0.46		
*15		17.0	9	WORST CASE INVENTORY SHEAR RATING =							0.87		
15	0	238.5	9	3.13	N/C	INF	1.87	N/C	INF	N/C	INF		
15	1	240.4	9	3.13	N/C	7.41	1.87	N/C	4.44	N/C	6.09		
15	2	242.2	9	3.30	N/C	3.48	1.98	N/C	2.09	N/C	3.03		
15	3	244.1	9	4.79	N/C	2.62	2.87	N/C	1.57	N/C	2.35		
15	4	245.9	9	5.38	N/C	2.48	3.22	N/C	1.49	N/C	2.25		
15	5	247.8	9	3.81	N/C	2.74	2.28	N/C	1.64	N/C	2.46		
15	6	249.6	9	3.02	N/C	3.79	1.81	N/C	2.27	N/C	3.26		
15	7	251.5	9	2.51	N/C	5.48	1.51	N/C	3.28	N/C	4.52		
15	8	253.3	9	1.98	N/C	1.34	1.19	N/C	0.80	N/C	1.20		
15	9	255.2	9	1.63	N/C	1.89	0.98	N/C	1.13	N/C	1.88		
15	10	257.0	9	1.46	N/C	0.76	0.87	N/C	0.46	N/C	1.09		
*16		18.0	9	WORST CASE OPERATING MOMENT RATING =							0.79		
*16		15.5	9	WORST CASE OPERATING SHEAR RATING =							1.81		
*16		18.0	9	WORST CASE INVENTORY MOMENT RATING =							0.48		
*16		15.5	9	WORST CASE INVENTORY SHEAR RATING =							1.08		
16	0	257.0	9	3.17	N/C	INF	1.90	N/C	INF	N/C	INF		

16	1	258.9	9	3.17	N/C	7.46	1.90	N/C	4.47	N/C	6.13
16	2	260.7	9	3.34	N/C	3.53	2.00	N/C	2.11	N/C	3.06
16	3	262.6	9	4.90	N/C	2.67	2.93	N/C	1.60	N/C	2.39
16	4	264.4	9	5.27	N/C	2.55	3.16	N/C	1.53	N/C	2.30
16	5	266.3	9	3.74	N/C	2.86	2.24	N/C	1.71	N/C	2.54
16	6	268.1	9	2.97	N/C	4.02	1.78	N/C	2.41	N/C	3.44
16	7	270.0	9	2.47	N/C	5.95	1.48	N/C	3.57	N/C	4.88
16	8	271.8	9	1.95	N/C	0.98	1.17	N/C	0.59	N/C	0.97
16	9	273.7	9	1.81	N/C	1.87	1.08	N/C	1.12	N/C	1.87
16	10	275.5	9	1.81	N/C	0.79	1.08	N/C	0.48	N/C	1.07

*17 18.0 9 WORST CASE OPERATING MOMENT RATING = 0.79
 *17 15.5 9 WORST CASE OPERATING SHEAR RATING = 1.85
 *17 18.0 9 WORST CASE INVENTORY MOMENT RATING = 0.48
 *17 15.5 9 WORST CASE INVENTORY SHEAR RATING = 1.11

17	0	275.5	9	3.17	N/C	INF	1.90	N/C	INF	N/C	INF
17	1	277.4	9	3.17	N/C	7.46	1.90	N/C	4.47	N/C	6.13
17	2	279.2	9	3.34	N/C	3.53	2.00	N/C	2.11	N/C	3.06
17	3	281.1	9	4.90	N/C	2.67	2.93	N/C	1.60	N/C	2.39
17	4	282.9	9	5.27	N/C	2.55	3.16	N/C	1.53	N/C	2.30
17	5	284.8	9	3.74	N/C	2.86	2.24	N/C	1.71	N/C	2.54
17	6	286.6	9	2.97	N/C	4.02	1.78	N/C	2.41	N/C	3.44
17	7	288.5	9	2.47	N/C	6.04	1.48	N/C	3.62	N/C	4.94
17	8	290.3	9	2.00	N/C	0.98	1.20	N/C	0.59	N/C	0.97
17	9	292.2	9	1.85	N/C	1.87	1.11	N/C	1.12	N/C	1.87
17	10	294.0	9	1.85	N/C	0.79	1.11	N/C	0.48	N/C	1.07

*18 0.0 9 WORST CASE OPERATING MOMENT RATING = 0.71
 *18 0.0 9 WORST CASE OPERATING SHEAR RATING = 1.77
 *18 0.0 9 WORST CASE INVENTORY MOMENT RATING = 0.43
 *18 0.0 9 WORST CASE INVENTORY SHEAR RATING = 1.06

18	0	294.0	9	1.77	N/C	0.71	1.06	N/C	0.43	N/C	1.02
18	1	295.9	9	1.77	N/C	1.29	1.06	N/C	0.78	N/C	1.44
18	2	297.8	9	1.83	N/C	4.06	1.09	N/C	2.44	N/C	3.51
18	3	299.7	9	2.21	N/C	7.37	1.32	N/C	4.41	N/C	5.49
18	4	301.6	9	2.76	N/C	3.97	1.65	N/C	2.38	N/C	3.39
18	5	303.5	9	3.34	N/C	3.02	2.00	N/C	1.81	N/C	2.68
18	6	305.4	9	4.53	N/C	2.50	2.72	N/C	1.50	N/C	2.28
18	7	307.3	9	5.01	N/C	2.50	3.00	N/C	1.50	N/C	2.27
18	8	309.2	9	3.59	N/C	3.10	2.15	N/C	1.86	N/C	2.73
18	9	311.1	9	3.14	N/C	5.55	1.88	N/C	3.33	N/C	4.65
18	10	313.0	9	3.14	N/C	22.47	1.88	N/C	13.46	N/C	17.88

* 1 0.0 10 WORST CASE OPERATING MOMENT RATING = 7.48
 * 1 2.0 10 WORST CASE OPERATING SHEAR RATING = 14.22
 * 1 0.0 10 WORST CASE INVENTORY MOMENT RATING = 4.48
 * 1 2.0 10 WORST CASE INVENTORY SHEAR RATING = 8.52

1	0	0.0	10	INF	N/C	7.48	INF	N/C	4.48	N/C	5.94
1	1	0.4	10	INF	N/C	7.48	INF	N/C	4.48	N/C	5.94
1	2	0.8	10	INF	N/C	7.48	INF	N/C	4.48	N/C	5.94
1	3	1.2	10	INF	N/C	63.20	INF	N/C	37.86	N/C	49.95
1	4	1.6	10	INF	N/C	26.62	INF	N/C	15.95	N/C	21.10
1	5	2.0	10	14.22	N/C	21.62	8.52	N/C	12.95	N/C	17.15
1	6	2.4	10	14.22	N/C	21.62	8.52	N/C	12.95	N/C	17.15
1	7	2.8	10	28.52	N/C	26.62	17.09	N/C	15.95	N/C	21.10
1	8	3.2	10	INF	N/C	63.20	INF	N/C	37.86	N/C	49.90
1	9	3.6	10	INF	N/C	36.71	INF	N/C	21.99	N/C	29.02
1	10	4.0	10	INF	N/C	36.71	INF	N/C	21.99	N/C	29.02

* 2 0.0 10 WORST CASE OPERATING MOMENT RATING = 2.65
 * 2 0.0 10 WORST CASE OPERATING SHEAR RATING = 2.83
 * 2 0.0 10 WORST CASE INVENTORY MOMENT RATING = 1.59
 * 2 0.0 10 WORST CASE INVENTORY SHEAR RATING = 1.69

2	0	4.0	10	2.83	N/C	2.65	1.69	N/C	1.59	N/C	2.44
2	1	5.3	10	2.83	N/C	3.46	1.69	N/C	2.07	N/C	3.06
2	2	6.5	10	2.83	N/C	9.99	1.69	N/C	5.99	N/C	8.08
2	3	7.8	10	2.95	N/C	8.06	1.77	N/C	4.83	N/C	6.46
2	4	9.0	10	3.67	N/C	8.34	2.20	N/C	5.00	N/C	6.77
2	5	10.3	10	4.38	N/C	6.51	2.63	N/C	3.90	N/C	5.36
2	6	11.5	10	6.18	N/C	5.50	3.70	N/C	3.29	N/C	4.56
2	7	12.8	10	6.49	N/C	5.56	3.89	N/C	3.33	N/C	4.61
2	8	14.0	10	5.24	N/C	6.92	3.14	N/C	4.15	N/C	5.67
2	9	15.3	10	5.24	N/C	10.22	3.14	N/C	6.12	N/C	8.24
2	10	16.5	10	5.24	N/C	INF	3.14	N/C	INF	N/C	INF

* 3 0.0 10 WORST CASE OPERATING MOMENT RATING = 0.91
 * 3 0.0 10 WORST CASE OPERATING SHEAR RATING = 1.74
 * 3 0.0 10 WORST CASE INVENTORY MOMENT RATING = 0.55
 * 3 0.0 10 WORST CASE INVENTORY SHEAR RATING = 1.04

3	0	16.5	10	1.74	N/C	0.91	1.04	N/C	0.55	N/C	1.31
3	1	18.4	10	1.74	N/C	1.69	1.04	N/C	1.01	N/C	1.89
3	2	20.2	10	2.26	N/C	6.25	1.35	N/C	3.75	N/C	5.24
3	3	22.1	10	2.74	N/C	7.78	1.64	N/C	4.66	N/C	6.31
3	4	23.9	10	3.23	N/C	4.99	1.93	N/C	2.99	N/C	4.24
3	5	25.8	10	4.17	N/C	3.48	2.50	N/C	2.09	N/C	3.09
3	6	27.6	10	5.72	N/C	3.00	3.43	N/C	1.80	N/C	2.72
3	7	29.5	10	5.93	N/C	3.03	3.55	N/C	1.81	N/C	2.74
3	8	31.3	10	4.20	N/C	3.73	2.52	N/C	2.23	N/C	3.28
3	9	33.2	10	3.68	N/C	6.65	2.21	N/C	3.99	N/C	5.56
3	10	35.0	10	3.68	N/C	INF	2.21	N/C	INF	N/C	INF

* 4	0.0	10	WORST CASE OPERATING	MOMENT RATING =	0.91				
* 4	0.0	10	WORST CASE OPERATING	SHEAR RATING =	1.74				
* 4	0.0	10	WORST CASE INVENTORY	MOMENT RATING =	0.55				
* 4	0.0	10	WORST CASE INVENTORY	SHEAR RATING =	1.04				
4 0	35.0	10	1.74	N/C	0.91	1.04	N/C	0.55	N/C 1.31
4 1	36.8	10	1.74	N/C	1.69	1.04	N/C	1.01	N/C 1.89
4 2	38.7	10	2.26	N/C	6.25	1.35	N/C	3.75	N/C 5.24
4 3	40.5	10	2.74	N/C	7.78	1.64	N/C	4.66	N/C 6.31
4 4	42.4	10	3.23	N/C	4.99	1.93	N/C	2.99	N/C 4.24
4 5	44.2	10	4.17	N/C	3.48	2.50	N/C	2.09	N/C 3.09
4 6	46.1	10	5.72	N/C	3.00	3.43	N/C	1.80	N/C 2.72
4 7	47.9	10	5.93	N/C	3.03	3.55	N/C	1.81	N/C 2.74
4 8	49.8	10	4.20	N/C	3.73	2.52	N/C	2.23	N/C 3.28
4 9	51.6	10	3.68	N/C	6.65	2.21	N/C	3.99	N/C 5.56
4 10	53.5	10	3.68	N/C	26.34	2.21	N/C	15.78	N/C 20.96
* 5	0.0	10	WORST CASE OPERATING	MOMENT RATING =	0.94				
* 5	0.0	10	WORST CASE OPERATING	SHEAR RATING =	1.78				
* 5	0.0	10	WORST CASE INVENTORY	MOMENT RATING =	0.56				
* 5	0.0	10	WORST CASE INVENTORY	SHEAR RATING =	1.07				
5 0	53.5	10	1.78	N/C	0.94	1.07	N/C	0.56	N/C 1.33
5 1	55.3	10	1.78	N/C	1.74	1.07	N/C	1.04	N/C 1.93
5 2	57.2	10	2.28	N/C	6.51	1.37	N/C	3.90	N/C 5.44
5 3	59.0	10	2.75	N/C	7.65	1.65	N/C	4.59	N/C 6.22
5 4	60.9	10	3.24	N/C	4.92	1.94	N/C	2.95	N/C 4.19
5 5	62.7	10	4.19	N/C	3.44	2.51	N/C	2.06	N/C 3.07
5 6	64.6	10	5.75	N/C	2.98	3.45	N/C	1.78	N/C 2.70
5 7	66.4	10	5.90	N/C	3.01	3.53	N/C	1.80	N/C 2.73
5 8	68.3	10	4.18	N/C	3.72	2.51	N/C	2.23	N/C 3.27
5 9	70.1	10	3.67	N/C	6.64	2.20	N/C	3.98	N/C 5.55
5 10	72.0	10	3.67	N/C	26.31	2.20	N/C	15.76	N/C 20.94
* 6	0.0	10	WORST CASE OPERATING	MOMENT RATING =	0.96				
* 6	0.0	10	WORST CASE OPERATING	SHEAR RATING =	2.16				
* 6	0.0	10	WORST CASE INVENTORY	MOMENT RATING =	0.57				
* 6	0.0	10	WORST CASE INVENTORY	SHEAR RATING =	1.30				
6 0	72.0	10	2.16	N/C	0.96	1.30	N/C	0.57	N/C 1.28
6 1	73.8	10	2.16	N/C	1.70	1.30	N/C	1.02	N/C 1.83
6 2	75.7	10	2.23	N/C	5.39	1.33	N/C	3.23	N/C 4.59
6 3	77.5	10	2.70	N/C	8.52	1.62	N/C	5.10	N/C 6.86
6 4	79.4	10	3.17	N/C	5.33	1.90	N/C	3.19	N/C 4.50
6 5	81.2	10	4.09	N/C	3.64	2.45	N/C	2.18	N/C 3.22
6 6	83.1	10	5.61	N/C	3.10	3.36	N/C	1.86	N/C 2.79
6 7	84.9	10	6.06	N/C	3.10	3.63	N/C	1.86	N/C 2.79
6 8	86.8	10	4.26	N/C	3.78	2.55	N/C	2.27	N/C 3.32
6 9	88.6	10	3.73	N/C	6.70	2.23	N/C	4.02	N/C 5.59
6 10	90.5	10	3.73	N/C	26.44	2.23	N/C	15.84	N/C 21.03
* 7	0.0	10	WORST CASE OPERATING	MOMENT RATING =	0.87				
* 7	0.0	10	WORST CASE OPERATING	SHEAR RATING =	1.77				
* 7	0.0	10	WORST CASE INVENTORY	MOMENT RATING =	0.52				
* 7	0.0	10	WORST CASE INVENTORY	SHEAR RATING =	1.06				
7 0	90.5	10	1.77	N/C	0.87	1.06	N/C	0.52	N/C 1.26
7 1	92.3	10	1.77	N/C	1.60	1.06	N/C	0.96	N/C 1.82
7 2	94.2	10	2.27	N/C	5.82	1.36	N/C	3.49	N/C 4.91
7 3	96.0	10	2.73	N/C	7.98	1.64	N/C	4.78	N/C 6.46
7 4	97.9	10	3.21	N/C	5.12	1.92	N/C	3.07	N/C 4.34
7 5	99.7	10	3.81	N/C	2.81	2.28	N/C	1.69	N/C 2.58
7 6	101.6	10	5.68	N/C	3.03	3.41	N/C	1.82	N/C 2.75
7 7	103.4	10	5.96	N/C	3.03	3.57	N/C	1.82	N/C 2.75
7 8	105.3	10	4.21	N/C	3.73	2.52	N/C	2.24	N/C 3.29
7 9	107.1	10	3.68	N/C	6.65	2.21	N/C	3.99	N/C 5.56
7 10	109.0	10	3.68	N/C	26.36	2.21	N/C	15.79	N/C 20.97
* 8	0.0	10	WORST CASE OPERATING	MOMENT RATING =	0.96				
* 8	0.0	10	WORST CASE OPERATING	SHEAR RATING =	2.16				
* 8	0.0	10	WORST CASE INVENTORY	MOMENT RATING =	0.57				
* 8	0.0	10	WORST CASE INVENTORY	SHEAR RATING =	1.30				
8 0	109.0	10	2.16	N/C	0.96	1.30	N/C	0.57	N/C 1.28
8 1	110.8	10	2.16	N/C	1.70	1.30	N/C	1.02	N/C 1.83
8 2	112.7	10	2.23	N/C	5.39	1.33	N/C	3.23	N/C 4.59
8 3	114.5	10	2.70	N/C	8.52	1.62	N/C	5.10	N/C 6.86
8 4	116.4	10	3.17	N/C	5.33	1.90	N/C	3.19	N/C 4.50
8 5	118.2	10	4.09	N/C	3.64	2.45	N/C	2.18	N/C 3.22
8 6	120.1	10	5.61	N/C	3.10	3.36	N/C	1.86	N/C 2.79
8 7	121.9	10	6.06	N/C	3.10	3.63	N/C	1.86	N/C 2.79
8 8	123.8	10	4.26	N/C	3.78	2.55	N/C	2.27	N/C 3.32
8 9	125.6	10	3.73	N/C	6.70	2.23	N/C	4.02	N/C 5.59
8 10	127.5	10	3.73	N/C	26.44	2.23	N/C	15.84	N/C 21.03
* 9	0.0	10	WORST CASE OPERATING	MOMENT RATING =	1.86				
* 9	0.0	10	WORST CASE OPERATING	SHEAR RATING =	2.59				
* 9	0.0	10	WORST CASE INVENTORY	MOMENT RATING =	1.12				
* 9	0.0	10	WORST CASE INVENTORY	SHEAR RATING =	1.55				
9 0	127.5	10	2.59	N/C	1.86	1.55	N/C	1.12	N/C 1.93
9 1	129.4	10	2.59	N/C	3.13	1.55	N/C	1.88	N/C 2.89
9 2	131.2	10	2.69	N/C	9.96	1.61	N/C	5.97	N/C 7.67
9 3	133.1	10	3.49	N/C	8.04	2.09	N/C	4.82	N/C 6.53
9 4	134.9	10	4.42	N/C	5.78	2.65	N/C	3.46	N/C 4.82

9	5	136.8	10	6.51	N/C	4.91	3.90	N/C	2.94	N/C	4.16		
9	6	138.6	10	4.83	N/C	5.45	2.89	N/C	3.27	N/C	4.57		
9	7	140.5	10	3.76	N/C	7.01	2.25	N/C	4.20	N/C	5.75		
9	8	142.3	10	2.86	N/C	4.17	1.71	N/C	2.50	N/C	3.20		
9	9	144.2	10	2.59	N/C	4.18	1.55	N/C	2.50	N/C	3.69		
9	10	146.0	10	2.59	N/C	1.86	1.55	N/C	1.12	N/C	1.93		
*10		0.0	10	WORST CASE OPERATING MOMENT RATING =							1.86		
*10		0.0	10	WORST CASE OPERATING SHEAR RATING =							2.59		
*10		0.0	10	WORST CASE INVENTORY MOMENT RATING =							1.12		
*10		0.0	10	WORST CASE INVENTORY SHEAR RATING =							1.55		
10	0	146.0	10	2.59	N/C	1.86	1.55	N/C	1.12	N/C	1.93		
10	1	147.9	10	2.59	N/C	3.13	1.55	N/C	1.88	N/C	2.89		
10	2	149.7	10	2.69	N/C	9.96	1.61	N/C	5.97	N/C	7.67		
10	3	151.6	10	3.49	N/C	8.04	2.09	N/C	4.82	N/C	6.53		
10	4	153.4	10	4.42	N/C	5.78	2.65	N/C	3.46	N/C	4.82		
10	5	155.3	10	6.51	N/C	4.91	3.90	N/C	2.94	N/C	4.16		
10	6	157.1	10	4.83	N/C	5.45	2.89	N/C	3.27	N/C	4.57		
10	7	159.0	10	3.76	N/C	7.01	2.25	N/C	4.20	N/C	5.75		
10	8	160.8	10	2.86	N/C	4.17	1.71	N/C	2.50	N/C	3.20		
10	9	162.7	10	2.59	N/C	4.18	1.55	N/C	2.50	N/C	3.69		
10	10	164.5	10	2.59	N/C	1.86	1.55	N/C	1.12	N/C	1.93		
*11		18.0	10	WORST CASE OPERATING MOMENT RATING =							0.96		
*11		15.5	10	WORST CASE OPERATING SHEAR RATING =							2.16		
*11		18.0	10	WORST CASE INVENTORY MOMENT RATING =							0.57		
*11		15.5	10	WORST CASE INVENTORY SHEAR RATING =							1.30		
11	0	164.5	10	3.73	N/C	INF	2.23	N/C	INF	N/C	INF		
11	1	166.4	10	3.73	N/C	8.88	2.23	N/C	5.32	N/C	7.29		
11	2	168.2	10	3.93	N/C	4.21	2.35	N/C	2.52	N/C	3.65		
11	3	170.1	10	5.52	N/C	3.21	3.31	N/C	1.92	N/C	2.87		
11	4	171.9	10	6.15	N/C	3.04	3.68	N/C	1.82	N/C	2.75		
11	5	173.8	10	4.40	N/C	3.43	2.64	N/C	2.05	N/C	3.05		
11	6	175.6	10	3.37	N/C	4.76	2.02	N/C	2.85	N/C	4.07		
11	7	177.5	10	2.84	N/C	7.12	1.70	N/C	4.27	N/C	5.83		
11	8	179.3	10	2.33	N/C	1.18	1.40	N/C	0.71	N/C	1.17		
11	9	181.2	10	2.16	N/C	2.25	1.30	N/C	1.35	N/C	2.24		
11	10	183.0	10	2.16	N/C	0.96	1.30	N/C	0.57	N/C	1.28		
*12		18.0	10	WORST CASE OPERATING MOMENT RATING =							0.96		
*12		15.5	10	WORST CASE OPERATING SHEAR RATING =							2.16		
*12		18.0	10	WORST CASE INVENTORY MOMENT RATING =							0.57		
*12		15.5	10	WORST CASE INVENTORY SHEAR RATING =							1.30		
12	0	183.0	10	3.73	N/C	INF	2.23	N/C	INF	N/C	INF		
12	1	184.9	10	3.73	N/C	8.88	2.23	N/C	5.32	N/C	7.29		
12	2	186.7	10	3.93	N/C	4.21	2.35	N/C	2.52	N/C	3.65		
12	3	188.6	10	5.52	N/C	3.21	3.31	N/C	1.92	N/C	2.87		
12	4	190.4	10	6.15	N/C	3.04	3.68	N/C	1.82	N/C	2.75		
12	5	192.3	10	4.40	N/C	3.43	2.64	N/C	2.05	N/C	3.05		
12	6	194.1	10	3.37	N/C	4.76	2.02	N/C	2.85	N/C	4.07		
12	7	196.0	10	2.84	N/C	7.12	1.70	N/C	4.27	N/C	5.83		
12	8	197.8	10	2.33	N/C	1.18	1.40	N/C	0.71	N/C	1.17		
12	9	199.7	10	2.16	N/C	2.25	1.30	N/C	1.35	N/C	2.24		
12	10	201.5	10	2.16	N/C	0.96	1.30	N/C	0.57	N/C	1.28		
*13		18.0	10	WORST CASE OPERATING MOMENT RATING =							0.94		
*13		16.0	10	WORST CASE OPERATING SHEAR RATING =							1.74		
*13		18.0	10	WORST CASE INVENTORY MOMENT RATING =							0.56		
*13		16.0	10	WORST CASE INVENTORY SHEAR RATING =							1.05		
13	0	201.5	10	3.67	N/C	INF	2.20	N/C	INF	N/C	INF		
13	1	203.4	10	3.67	N/C	8.81	2.20	N/C	5.28	N/C	7.24		
13	2	205.2	10	3.86	N/C	4.14	2.31	N/C	2.48	N/C	3.60		
13	3	207.1	10	5.39	N/C	3.12	3.23	N/C	1.87	N/C	2.81		
13	4	208.9	10	6.30	N/C	2.94	3.78	N/C	1.76	N/C	2.67		
13	5	210.8	10	4.50	N/C	3.26	2.70	N/C	1.95	N/C	2.92		
13	6	212.6	10	3.44	N/C	4.42	2.06	N/C	2.65	N/C	3.81		
13	7	214.5	10	2.90	N/C	6.46	1.74	N/C	3.87	N/C	5.34		
13	8	216.3	10	2.37	N/C	1.74	1.42	N/C	1.04	N/C	1.53		
13	9	218.2	10	1.74	N/C	2.33	1.05	N/C	1.40	N/C	2.39		
13	10	220.0	10	1.74	N/C	0.94	1.05	N/C	0.56	N/C	1.33		
*14		18.0	10	WORST CASE OPERATING MOMENT RATING =							0.94		
*14		16.0	10	WORST CASE OPERATING SHEAR RATING =							1.74		
*14		18.0	10	WORST CASE INVENTORY MOMENT RATING =							0.56		
*14		16.0	10	WORST CASE INVENTORY SHEAR RATING =							1.05		
14	0	220.0	10	3.67	N/C	INF	2.20	N/C	INF	N/C	INF		
14	1	221.9	10	3.67	N/C	8.81	2.20	N/C	5.28	N/C	7.24		
14	2	223.7	10	3.86	N/C	4.14	2.31	N/C	2.48	N/C	3.60		
14	3	225.6	10	5.39	N/C	3.12	3.23	N/C	1.87	N/C	2.81		
14	4	227.4	10	6.30	N/C	2.94	3.78	N/C	1.76	N/C	2.67		
14	5	229.3	10	4.50	N/C	3.26	2.70	N/C	1.95	N/C	2.92		
14	6	231.1	10	3.44	N/C	4.42	2.06	N/C	2.65	N/C	3.81		
14	7	233.0	10	2.90	N/C	6.46	1.74	N/C	3.87	N/C	5.34		
14	8	234.8	10	2.37	N/C	1.74	1.42	N/C	1.04	N/C	1.53		
14	9	236.7	10	1.74	N/C	2.33	1.05	N/C	1.40	N/C	2.31		
14	10	238.5	10	1.74	N/C	0.94	1.05	N/C	0.56	N/C	1.28		
*15		18.0	10	WORST CASE OPERATING MOMENT RATING =							0.91		
*15		17.0	10	WORST CASE OPERATING SHEAR RATING =							1.74		
*15		18.0	10	WORST CASE INVENTORY MOMENT RATING =							0.55		

*15	17.0	10	WORST CASE INVENTORY SHEAR RATING =				1.04		
15 0	238.5	10	3.68	N/C	INF	2.20	N/C	INF	
15 1	240.4	10	3.68	N/C	8.82	2.20	N/C	5.29	
15 2	242.2	10	3.88	N/C	4.16	2.32	N/C	2.49	
15 3	244.1	10	5.41	N/C	3.14	3.24	N/C	1.88	
15 4	245.9	10	6.27	N/C	2.96	3.76	N/C	1.77	
15 5	247.8	10	4.48	N/C	3.29	2.69	N/C	1.97	
15 6	249.6	10	3.43	N/C	4.48	2.05	N/C	2.68	
15 7	251.5	10	2.89	N/C	6.56	1.73	N/C	3.93	
15 8	253.3	10	2.36	N/C	1.61	1.41	N/C	0.96	
15 9	255.2	10	1.95	N/C	2.27	1.17	N/C	1.36	
15 10	257.0	10	1.74	N/C	0.91	1.04	N/C	0.55	
*16	18.0	10	WORST CASE OPERATING MOMENT RATING =				0.96		
*16	15.5	10	WORST CASE OPERATING SHEAR RATING =				2.16		
*16	18.0	10	WORST CASE INVENTORY MOMENT RATING =				0.57		
*16	15.5	10	WORST CASE INVENTORY SHEAR RATING =				1.30		
16 0	257.0	10	3.73	N/C	INF	2.23	N/C	INF	
16 1	258.9	10	3.73	N/C	8.88	2.23	N/C	5.32	
16 2	260.7	10	3.93	N/C	4.21	2.35	N/C	2.52	
16 3	262.6	10	5.52	N/C	3.21	3.31	N/C	1.92	
16 4	264.4	10	6.15	N/C	3.04	3.68	N/C	1.82	
16 5	266.3	10	4.40	N/C	3.43	2.64	N/C	2.05	
16 6	268.1	10	3.37	N/C	4.76	2.02	N/C	2.85	
16 7	270.0	10	2.84	N/C	7.12	1.70	N/C	4.27	
16 8	271.8	10	2.33	N/C	1.18	1.40	N/C	0.71	
16 9	273.7	10	2.16	N/C	2.25	1.30	N/C	1.35	
16 10	275.5	10	2.16	N/C	0.96	1.30	N/C	0.57	
*17	18.0	10	WORST CASE OPERATING MOMENT RATING =				0.96		
*17	15.5	10	WORST CASE OPERATING SHEAR RATING =				2.16		
*17	18.0	10	WORST CASE INVENTORY MOMENT RATING =				0.57		
*17	15.5	10	WORST CASE INVENTORY SHEAR RATING =				1.30		
17 0	275.5	10	3.73	N/C	INF	2.23	N/C	INF	
17 1	277.4	10	3.73	N/C	8.88	2.23	N/C	5.32	
17 2	279.2	10	3.93	N/C	4.21	2.35	N/C	2.52	
17 3	281.1	10	5.52	N/C	3.21	3.31	N/C	1.92	
17 4	282.9	10	6.15	N/C	3.04	3.68	N/C	1.82	
17 5	284.8	10	4.40	N/C	3.43	2.64	N/C	2.05	
17 6	286.6	10	3.37	N/C	4.76	2.02	N/C	2.85	
17 7	288.5	10	2.84	N/C	7.12	1.70	N/C	4.27	
17 8	290.3	10	2.33	N/C	1.18	1.40	N/C	0.71	
17 9	292.2	10	2.16	N/C	2.25	1.30	N/C	1.35	
17 10	294.0	10	2.16	N/C	0.96	1.30	N/C	0.57	
*18	0.0	10	WORST CASE OPERATING MOMENT RATING =				0.86		
*18	0.0	10	WORST CASE OPERATING SHEAR RATING =				2.16		
*18	0.0	10	WORST CASE INVENTORY MOMENT RATING =				0.51		
*18	0.0	10	WORST CASE INVENTORY SHEAR RATING =				1.29		
18 0	294.0	10	2.16	N/C	0.86	1.29	N/C	0.51	
18 1	295.9	10	2.16	N/C	1.56	1.29	N/C	0.93	
18 2	297.8	10	2.22	N/C	4.89	1.33	N/C	2.93	
18 3	299.7	10	2.63	N/C	8.69	1.58	N/C	5.21	
18 4	301.6	10	3.27	N/C	4.77	1.96	N/C	2.86	
18 5	303.5	10	3.94	N/C	3.63	2.36	N/C	2.17	
18 6	305.4	10	5.31	N/C	3.00	3.18	N/C	1.80	
18 7	307.3	10	5.85	N/C	3.01	3.50	N/C	1.80	
18 8	309.2	10	4.42	N/C	3.70	2.65	N/C	2.22	
18 9	311.1	10	3.87	N/C	6.72	2.32	N/C	4.03	
18 10	313.0	10	3.87	N/C	27.55	2.32	N/C	16.51	