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THE EFFECT OF COMPENSATION
ON VOLUNTARY SEPARATION OF
NAVY ENLISTED PERSONNEL

By

D. K. Adie and I. A. Ghazalah

FINAL REPORT
MAY 1980

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VOLUME II

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DATA SPECIFICATIONS, SOURCES AND PROCESSING

The study defines, computes, and tries to explain the quit rate of enlisted personnel in 37 Navy ratings over the time period extending from April 1973 through September 1978 using quarterly data. Before adjustments, semi-annual and quarterly data for Navy ratings--quits, Basic Pay, and Basic Allowance for Quarters--were collected from January 1, 1973 through December 1978 for four personnel categories.¹

Personnel Category I was for those with less than 39 months service for semi-annual observations and less than 42 months service for quarterly observations.

Personnel Category II was for those with 39-48 months service for semi-annual observations and for 42-48 months service for quarterly observations.

Personnel Category III was for those with 49-143 months service.

Personnel Category IV included all personnel in Categories I, II, and III.

¹Data obtained from the Defense Manpower Data Center (Monterey, California) were on semi-annual basis for the period January 1973 through June 1975, and quarterly for the period July 1975 through December 1978. The last quarterly data series were incomplete and hence were omitted. All semi-annual data were converted to quarterly data. The conversion procedure required the loss of the first quarter of 1973. The conversion procedure is described under item "10. Time Periods" in this Appendix.

1. Navy Quit Rates

Quits² are voluntary separations from the Navy as defined under certain separation codes. (See Table A-1, Appendix A, for a list of separation codes used to define quits.) These quits were expressed as a percentage of the base population by dividing them by the average number in the population over the period. To convert these fractions of population per period into percentages of population per year, the fractions were multiplied by 100, then multiplied again by 2 for semi-annual observations, and by 4 for quarterly observations.

Quit rate data were coded as in the following array:

$$q_{ijt} \quad \text{where } i = \text{rating:} \quad i: 1, 2, \dots$$
$$j = \text{category:} \quad j: 1, 2, 3, 4$$
$$t = \text{time period:} \quad t: 1, 2, \dots$$

2. General Economic Conditions³

In the private sector, there is a close relationship between economic conditions and the quit rate for all manufacturing. Private sector workers, when they can make their decisions freely, respond to existing economic situations in their plant, industry, or occupation by quitting or not quitting. The quit rate under such circumstances may be one of

²Due to restrictions imposed by original data collection procedures, quits were attributed to the rating originally entered by enlisted personnel.

³Douglas K. Adie, An Evaluation of Postal Service Wage Rates; the American Enterprise Institute, Washington, D.C., 1977, pp. 113-114.

the best measures of workers' attitudes concerning the economy. In a tight labor market many job opportunities exist for workers, so the quit rate tends to be high. Conversely, when the labor market is slack, fewer job opportunities exist elsewhere, so workers are more concerned about job security and quit less frequently. This, of course, assumes that workers are allowed to make up their minds freely under institutional arrangements where there are few if any barriers to quitting or staying. Also, in a tight labor market, employers cannot always afford to reject the poor or doubtful applicants who subsequently quit, while in slack labor markets, they can be more selective.

The quit rate for all manufacturing scores high as an indicator of economic activity: 71 out of 100 on the scale adopted by Moore and Shiskin,⁴ compared to 62 for the unemployment rate, 74 for GNP in current dollars, and 69 for total non-agricultural employment.⁵

According to time trend studies, changes in the quit rate precede changes in aggregate economic activity during periods of expansion, but remain quite close to movements in aggregate economic activity during periods of contraction. It is more costly for an employer to maintain low quit rates during periods of general economic expansion than during periods of contraction.⁶ Moreover, because of the downward rigidity

⁴Geoffrey H. Moore and Julius Shiskin, Indicators of Business Expansions and Contractions, National Bureau of Economic Research, Columbia University Press, New York, 1967, Occasional Paper 103.

⁵See Paul A. Araknecht and John R. Early, "Quits in Manufacturing--A Study of Their Causes," Monthly Labor Review, November 1972, p. 31.

⁶Herbert S. Parnes, "The Labor Force and Labor Market," Employment Relations Research (New York: Harper and Brothers, 1960), p. 36.

in wages, an employer, by trying to maintain low quit rate during a cyclical upswing, would continue to face relatively higher wages beyond the expansion period.

The policy implications of the influence on the quit rate in an individual Navy rating of the business cycle, therefore, may be different from those of the relative military-civilian compensation.

In order to measure the effect of relative compensation on quit rates in Navy ratings, this study separates the influence of the level of general economic activity using the quit rate for all manufacturing as a business cycle indicator. The monthly quit rates for all manufacturing are listed in Table B-1. To create the observations for our time periods, we took averages of monthly observations over each of the equivalent periods.

The ratio of compensation in the Navy to a selected private sector equivalent is used to compute the influence of changes in relative compensation in quits in Navy ratings. Two measures of compensation were used for a Navy rating. The first is Basic Pay, which is an average of the compensation of all personnel in the base of the rating and category. The second is Regular Military Compensation and reenlistment bonuses, similarly calculated by rating and category.

3. Basic Pay

Basic Pay depends on pay grade and seniority. Unfortunately, pay does not rise linearly with these variables, so average on pay grades and seniority are not sufficient for calculating average basic pay

from the basic pay table. To do this, we took a weighted average. This weighted average was calculated in the following manner. First, form the following matrix of $x_{k,l}$ for a rating i , category j , and time period t , where $x_{k,l}$ is the number of personnel in category k,l .

Distribution of Personnel (From Population as Defined Above)							
Rating i , Category j , Time Period t							
Pay Grade	Seniority - Years						
	Under 2	2- Under 3	3- Under 4	4- Under 6	6- Under 8	8- Under 10	10- Under 12
E-1	$x_{1,1}$	$x_{1,2}$	$x_{1,3}$	$x_{1,4}$	$x_{1,5}$	$x_{1,6}$	$x_{1,7}$
E-2							
E-3							
E-4							
E-5							
E-6							
E-7							
E-8							
E-9	$x_{9,1}$	$x_{9,2}$	$x_{9,3}$	$x_{9,4}$	$x_{9,5}$	$x_{9,6}$	$x_{9,7}$

Now, to calculate the percentage of personnel in each "cell", take the sum of the total,

$$x = \sum_{k,l} x_{k,l} \quad \begin{array}{l} k: 1, 2, \dots, 7 \\ l: 1, 2, \dots, 9 \end{array}$$

Divide each $x_{k,l}$ by x

$$\text{i.e. } \frac{x_{k,l}}{x} = \psi_{k,l}$$

to form new matrix:

$$\psi = \begin{bmatrix} \psi_{1,1} & \dots & \psi_{1,7} \\ \cdot & & \cdot \\ \cdot & \psi_{k,1} & \cdot \\ \cdot & & \cdot \\ \psi_{9,1} & \dots & \psi_{9,7} \end{bmatrix} \quad (\text{for each } i, j, t).$$

Now, for each t , there is a pay schedule arranged by seniority and pay grade (see Table B-2), which can be put in matrix form:

$$Y = \begin{bmatrix} y_{1,1} & \dots & y_{1,7} \\ \cdot & & \cdot \\ \cdot & y_{k,1} & \cdot \\ \cdot & & \cdot \\ y_{9,1} & & y_{9,7} \end{bmatrix}$$

To get a time series of weighted average basic pay for each rating i , category j , multiply the elements from the distribution of personnel by the corresponding element in the pay schedule matrix, in effect for the same time period:

$$\sigma_{i,j,t} = \sum_{k,1} \psi_{k,1} \cdot y_{k,1} \quad \text{for each } i, j, t.$$

$\sigma_{i,j,t}$ is the weighted average basic pay for personnel in i rating, j category, and t time period.

The second compensation measure includes Basic Allowance for Quarters, Basic Allowance for Subsistence, the Federal Income Tax Advantage, and Bonus Plans for retention. The Bonus Plans over the period examined

are the Regular Reenlistment Bonus, the Variable Reenlistment Bonus, and the Selective Reenlistment Bonus. Each of these types of compensation were computed separately for each rating and personnel category. Their computations will be discussed in turn.

4. Basic Allowance for Quarters

Quarters allowances depend on the pay grade and on whether or not the enlisted member has dependents. Unfortunately, these allowances are not linearly related to either dependency or pay grades so a weighted average must be calculated with the dependency allowance schedule (Table B-3) and a distribution of personnel. The distribution was arrayed in a table as follows for a rating i , category j , and time period t .

Distribution of Personnel (From Population Defined Above)
Rating i , Category j , Time Period t

Pay Grade	Dependents	
	0	1 or more
E-1	$z_{1,1}$	$z_{2,2}$
E-2	.	.
E-3	.	.
E-4	.	.
E-5	.	.
E-6	.	.
E-7	.	.
E-8	.	.
E-9	$z_{9,1}$	$z_{9,2}$

To calculate the percentage of enlisted personnel in each cell,
take the sum of all cells:

$$z = \sum_{m,l} z_{m,l} \quad \begin{array}{l} m = 1, \dots, 9 \text{ (pay grade)} \\ l = 1, 2, \text{ (dependents index).} \end{array}$$

Divide each $z_{m,l}$ by z

$$\text{i.e. } \frac{z_{m,l}}{z} = \phi_{m,l}$$

to form a new matrix:

$$\phi = \begin{bmatrix} \phi_{1,1} & \dots & \phi_{1,2} \\ \vdots & & \vdots \\ \vdots & \phi_{m,l} & \vdots \\ \vdots & & \vdots \\ \phi_{9,1} & \dots & \phi_{9,2} \end{bmatrix} \quad \begin{array}{l} \text{(for each } i, j, \\ \text{and } t\text{).} \end{array}$$

Now, for each t , there is a Quarters Allowance schedule arrayed by
dependency category and pay grade which can be put in matrix form as
follows:

$$W = \begin{bmatrix} w_{1,1} & \dots & w_{1,2} \\ \vdots & & \vdots \\ \vdots & w_{m,l} & \vdots \\ \vdots & & \vdots \\ w_{9,1} & & w_{9,2} \end{bmatrix}$$

To get a time series of weighted average Quarters Allowance for
each rating i , category j , multiply the elements from the distribution
of personnel, , by the corresponding element in the quarters allowance
matrix, W , in effect for the same time period:

$$\text{i.e. } \alpha_{i,j,t} = \sum_{m,l} \phi_{m,l} W_{m,l} \quad \text{for each } i, j, t.$$

where $\alpha_{i,j,t}$ is the weighted average quarters allowance for personnel in i rating, j category, and t time period.

σ_{ijt} and α_{ijt} were calculated using matrices Y and W , and matrices ψ and ϕ , which were generated from personnel file data by the Defense Manpower Data Center, Monterey, California.

5. Basic Allowance for Subsistence

The Basic Allowance for Subsistence for those not eating in a mess hall is a cash payment. The monthly rate is listed in Table S-4.

6. Federal Income Tax Advantage

The Federal Income Tax Advantage is the dollar savings in taxes resulting because some of the payments received by enlisted personnel are in-kind equivalents and consequently non-taxable.

In order to determine the Federal Tax Advantage by personnel category in each of the ratings and for each of the time periods, we used the following procedure:

(a) We assumed the following average years of service for each of the four personnel categories: under 2 years for Personnel Category I; 3 under 4 years for Personnel Category II; 6 under 8 years for Personnel Category III; and 4 under 6 years for Personnel Category IV (the combination of Categories I, II, and III).

(b) Using the assumed years of service by personnel category, the Basic Pay Schedules (Tables B-2) and the average Basic Pay by rating and personnel category, we were able to calculate an average pay grade for each personnel category in each rating and time period.

(c) The calculated average pay grades were used to calculate the monthly Federal Income Tax Advantage for each personnel category in each rating for each time period using the following formula:

For each period i where $i = 1, \dots$, the monthly Federal Income Tax Advantage, MTA_i , is:

$$MTA_i = MTA_8 \times \frac{BAQ_i + BAS_i}{BAQ_8 + BAS_8}$$

where BAQ = Basic Allowance for Quarters

BAS = Basic Allowance for Subsistence

The period 8 used as the base period is October - December 1975. The following table shows the data for this base period. The generated schedule of Federal Income Tax Advantage by pay grade and time period is shown in Table B-5 in this appendix.

FEDERAL INCOME TAX ADVANTAGE,
BASIC ALLOWANCE FOR QUARTERS,
AND BASIC ALLOWANCE FOR SUBSISTENCE
OCTOBER - DECEMBER 1975

Pay Grade	Federal Income Tax Advantage	Basic Allowance for Quarters	Basic Allowance for Subsistence
	(monthly)	(monthly)	(monthly)
E-1	\$24.33	\$116.10	\$76.95
E-2	25.50	116.10	76.95
E-3	28.17	116.10	76.95
E-4	44.50	153.60	76.95
E-5	50.83	166.20	76.95
E-6	51.42	178.80	76.95
E-7	51.42	178.80	76.95
E-8	53.67	190.80	76.95
E-9	88.83	204.00	76.95

Source: Department of Defense, Military Compensation Background Papers, August 1976.

7. Reenlistment Bonuses

Over the period examined, there were three bonus programs: the Regular Reenlistment Bonus, the Variable Reenlistment Bonus, and the Selective Reenlistment Bonus. All bonus factors have been expressed in terms of the fraction of a month's pay the enlisted person in the particular rating received because of the program. The periods for which the programs were effective had some overlap. Where there was overlap, the factors were added to calculate a total monthly bonus factor. These factors were multiplied by the relevant monthly Basic Pay

to calculate the monthly dollar value of the bonus. Applicable bonuses were then added to components of the Regular Military Compensation (RMC) to calculate the second measure of military compensation by personnel category, rating, and time period. The reenlistment bonus programs apply only to personnel in Categories II and III.

(a) Regular Reenlistment Bonus

This bonus program is described in Military Compensation Background Papers⁷ (p. 114). The program terminated May 31, 1974 and so is only included in our time periods 73 A, 73 B, and 74 A. While one period 74 A extends till the end of June, the program terminated at the end of May. We have made no adjustment for this because we believe that recruits contemplating reenlistment could have reenlisted earlier and qualified under the program if they wanted to and so reenlistments would have bunched up before the termination date. The regular reenlistment bonus schedule is as follows:

- 1 month pay/year at first term reenlistment,
- 2/3 month pay/year at second term reenlistment,
- 1/3 month pay/year at third term reenlistment,
- 1/6 month pay/year beyond third term reenlistment.

Personnel in Category I have 0-4 years seniority which takes place for the most part before their first term reenlistment. Category II personnel are at their first reenlistment. They have the opportunity

⁷ Department of Defense, Military Compensation Background Papers, August, 1976.

for a bonus of one month's pay per year over the term for which they reenlist. Those in Category III (under 12 years service) are in their second term (approximately 4-8 years service and are in their first reenlistment period) are receiving one month/year pay bonus or are in their third term (approximately 8-12 years service and are in their second reenlistment period) and are receiving 2/3 month/year pay bonus. This bonus may be spread out over the period or paid at the time of reenlistment as a lump sum. We treated these bonuses as if they were spread out evenly over the reenlistment period and paid in monthly installments as a fraction of monthly Basic Pay.

For Category II, the monthly bonus factor is $1/12$ or .08333.

For Category III, we used a weighted average of $1/12$ or .08333 and $2/3$ of $1/12$ or .05554. The weights represent the approximate fraction of recruits in Category III in the first and second reenlistment periods respectively. The weights are .6 and .4 for the first and second reenlistment periods respectively. The resulting monthly bonus factor for Category III is .07222.

(b) Variable Reenlistment Bonus

The Variable Reenlistment Bonus System was an attempt to recognize the recruitment problems encountered in some ratings and counteract them with reenlistment bonuses. Table B-6 contains factors which are multiplied by the regular reenlistment bonuses to get the Variable Reenlistment Bonus factors.

This bonus is paid in addition to the Regular Reenlistment Bonus but only to first term reenlistees. The program began August 23, 1965

and terminated May 31, 1974. It ran concurrently with the Regular Reenlistment Bonus over time periods 1973 A, 1973 B, and 1974 A. Since it applied to personnel in Category II, the factors in Table B-6 were multiplied by .08333, the Regular Reenlistment monthly bonus factor for Category II, to get the monthly bonus factors under the Variable Reenlistment Bonus program in Table B-7.

Since our Category III personnel have a length of service running from approximately 4-12 years, those personnel with service between 4-8 years will be in their first reenlistment term and receiving the Variable Reenlistment Bonus. Those with service of 8-12 years will be in their second reenlistment term and will not be receiving this bonus. As for the Regular Reenlistment Bonus, we assumed that .6 of personnel in Category III have 4-8 years service and .4 of the personnel 8-12 years. Using these numbers to weight the bonuses yields the monthly bonus factor for personnel in Category III under the Variable Reenlistment Bonus program. The factors are .6 times the factors for the corresponding personnel in Category II. These factors are listed in Table B-8.

(c) Selective Reenlistment Bonus

This bonus system began in October 1973 and so was operational for one-half of the period 1973 B. Whether an enlisted person's period of enlistment expired before the system went into effect or afterwards would determine whether or not he received the bonus. Those up for reenlistment during this period would be affected in their decision whether or not to reenlist.

This bonus system was composed of factors which indicated the number of months bonus per year for the duration of the reenlistment period. Consult Table B-9 for these factors. Since Zone A applies to reenlistments falling between 21 months and 6 years, Category II personnel receive bonuses from Zone A of Table B-9. To convert these annual bonuses into monthly equivalents, they were divided by 12 and are listed in Table B-10.

Zone B of Table B-9 applies to reenlistees having between 6 and 10 years of active service. In our Category III, most personnel would have received Zone A bonuses if they were in critical skills; some, however, would have received Zone B bonuses. We assumed that on average Zone A bonuses were paid to .6 and Zone B bonuses to .4 of the personnel in Category III. To calculate Category III monthly bonus factors, we multiplied Zone A bonus factors by .6 and Zone B bonus factors by .4 and summed to calculate the weighted average bonus factor. To convert this factor into a monthly bonus factor, we multiplied it by 1/12. These factors are listed in Table B-11.

The Selective Reenlistment Bonus program begins in the middle of our time period 73 B and changes on a fiscal year basis in October, so adjustments had to be made for our time periods 1973 B and 1974 B which do not fall neatly within bonus rate periods. Table B-12 indicates how bonuses were used to calculate the factors for our time periods.

Now we have described how all bonus plans have been translated into monthly bonus factors. For each time period, personnel category,

and rating, the factors for each program were added to calculate an aggregate monthly bonus factor. These are listed in Table B-13.

8. Regular Military Compensation (RMC) and Bonuses

Now we are in a position to calculate a monthly compensation which includes Basic Pay, Basic Allowance for Quarters, Basic Allowance for Subsistence, the Federal Income Tax Adjustment, and bonuses. The bonuses which are expressed as factors are multiplied by the monthly basic pay to get the amount of monthly reenlistment bonus. The other forms of compensation are all expressed in terms of dollars per month. All these other forms expressed in dollars per month can be added to the monthly basic pay to obtain the RMC plus bonuses measure of military compensation. This was done as follows:

For each personnel category in each of the ratings, bonuses by individual reenlistment bonus program were calculated for each of the time periods as a fraction of the applicable basic pay. The fractions were then added to obtain a factor covering all applicable bonuses for each personnel category in each rating and time period. In order to arrive at the total monthly bonus figure in dollars (by personnel category in each rating and time period), the factor was multiplied by the respective basic pay figure. This monthly reenlistment bonus figure was then added in each case to the applicable basic pay along with Basic Allowance for Quarters, Basic Allowance for Subsistence, and the Federal Income Tax Adjustment.

9. Private Sector Earnings

Private sector earnings were chosen from the SIC (Standard Industrial Classification) group that would contain a sizable proportion of workers having skills similar to a particular Navy rating. The SIC earnings apply to all workers in the industry, not just those having the similar occupations. Continuous data for private sector occupations were not available. This is why industry equivalents were used.

Table A-2 (Appendix A) lists Navy ratings and the SIC group (codes and descriptions) used to calculate equivalent private sector earnings. Table B-14 lists the earnings data by SIC code for each of the time periods.

10. Time Periods

The time periods used for observations have changed in the course of this project. Navy personnel data originally sought from the Defense Manpower Data Center, Monterey, California, covered 21 observations as listed in column (1) of Table B-15. Observation 21, January - March 1979, was unavailable. Observations 5 and 7, January - March 1975 and April - June 1975, came as one observation for a half-year, January - June 1975. This left us with the 19 observations in column (2) of Table B-15. The nineteenth observation for many quit rates was incomplete and had to be dropped. So this left the first 18 observations of column (2).

Next, in order to adjust for serial correlation through a differencing technique, it was necessary that observations refer to the same

interval of time--i.e., quarterly time periods. The first six observations in column (2) are semi-annual observations. To convert these to quarterly observations, we used the following formulae where the first five semi-annual observations are $x_1 \dots x_5$ and these are converted into 9 ($y_1 \dots y_9$) quarterly observations spanning the same time period where the first quarter is dropped:

$$\begin{array}{ll} y_1 = \frac{3x_1 + x_2}{4} & y_6 = \frac{x_3 + 3x_4}{4} \\ y_2 = \frac{x_1 + 3x_2}{4} & y_7 = \frac{3x_4 + x_5}{4} \\ y_3 = \frac{3x_2 + x_3}{4} & y_8 = \frac{x_4 + 3x_3}{4} \\ y_4 = \frac{x_2 + 3x_3}{4} & y_9 = \frac{2x_5 + x_6}{3} \\ y_5 = \frac{3x_3 + x_4}{4} & \end{array}$$

The final number of observations was 22 as listed in column (3) of Table B-15. All data were converted in this manner before use in the regression analysis.

Table B-16 lists quit rates and relative compensation by personnel category in each of the 37 ratings included in the study.

TABLE B-1

ALL MANUFACTURING QUILTS*
(SEASONALLY ADJUSTED)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1969	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
1970	2.4	2.5	2.3	2.3	2.1	2.2	2.1	2.0	2.0	1.9	1.8	1.9
1971	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
1972	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.5	2.6
1973	2.8	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.9	2.9	2.7
1974	2.7	2.8	2.7	2.6	2.6	2.5	2.5	2.3	2.3	2.0	1.8	1.7
1975	1.4	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.5	1.6	1.5
1976	1.6	1.7	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7
1977	1.9	1.9	1.8	1.8	1.9	1.8	1.8	1.8	1.9	1.9	2.0	2.0
1978	2.0	2.0	2.0	2.2	2.1	2.1	2.0	1.9	2.0	2.3	2.2	2.2

*Bureau of Labor Statistics, Employment and Earnings.

**BASIC PAY SCHEDULES
BY PAY GRADE AND YEARS OF SERVICE
JANUARY 1973 - March 1979**

[illegible]

Period 2
(July - December 1973)

Pay Grade	Seniority														
	Under 2	under 3	3 under 4	4 under 6	6 under 8	8 under 10	10 under 12	12 under 14	14 under 16	16 under 18	18 under 20	20 under 22	22 under 26	26 under 30	Over 30
1-1	316.55	316.55	316.65	316.65	316.65	316.65	316.65	316.65	316.65	316.65	316.65	316.65	316.65	316.65	316.65
1-2	352.80	352.80	352.80	352.80	352.80	352.80	352.80	352.80	352.80	352.80	352.80	352.80	352.80	352.80	352.80
1-3	366.75	366.85	402.30	416.05	419.55	428.95	428.05	411.05	418.25	418.05	418.05	418.05	418.05	418.05	418.05
1-4	381.30	401.60	425.85	459.50	475.65	477.45	477.45	477.45	477.45	477.45	477.45	477.45	477.45	477.45	477.45
1-5	396.45	431.75	452.40	472.20	485.10	523.50	544.35	564.15	574.95	574.95	574.95	574.95	574.95	574.95	574.95
1-6	451.50	492.60	513.60	534.15	551.35	574.95	595.65	626.55	646.35	677.25	677.25	677.25	677.25	677.25	677.25
1-7	522.90	564.15	585.15	605.55	626.55	646.35	666.75	687.75	718.95	739.05	769.60	821.40	923.70	951.70	
1-8						718.95	769.80	790.20	810.60	831.90	871.75	923.70	1026.75	1026.75	
1-9												1047.75	1149.45	1149.45	

BASIC PAY SCHEDULE

Period 3

(January - June 1974)

Pay Grade	Seniority															
	Under 2	2 under 3	3 under 4	4 under 6	6 under 8	8 under 10	10 under 12	12 under 14	14 under 16	16 under 18	18 under 20	20 under 22	22 under 26	26 under 30	Over 30	
E-1	326.10	326.10	326.10	326.10	326.10	326.10	326.10	326.10	326.10	326.10	326.10	326.10	326.10	326.10	326.10	
E-2	363.30	363.30	363.30	363.30	363.30	363.30	363.30	363.30	363.30	363.30	363.30	363.30	363.30	363.30	363.30	
E-3	377.70	398.40	414.30	430.50	430.50	430.50	430.50	430.50	430.50	430.50	430.50	430.50	430.50	430.50	430.50	
E-4	392.70	414.60	438.60	473.10	491.70	491.70	491.70	491.70	491.70	491.70	491.70	491.70	491.70	491.70	491.70	
E-5	408.30	444.60	465.90	496.30	518.10	539.10	560.70	581.10	592.20	592.20	592.20	592.20	592.20	592.20	592.20	
E-6	465.00	507.30	528.30	550.20	571.20	592.20	613.50	645.30	665.70	686.70	697.50	697.50	697.50	697.50	697.50	
E-7	538.50	581.10	602.70	623.70	645.30	665.70	686.70	708.30	740.40	761.10	782.40	792.90	846.00	951.30	1057.50	
E-8						771.30	792.80	813.20	833.20	856.80	877.20	898.80	951.30	1057.50	1183.80	
E-9							919.20	940.20	961.30	983.70	1005.30	1025.10	1079.10	1183.80		

BASIC PAY SCHEDULE

Period 4

(July - December 1974)

Pay Grade	Seniority															
	Under 2	2 under 3	3 under 4	4 under 6	6 under 8	8 under 10	10 under 12	12 under 14	14 under 16	16 under 18	18 under 20	20 under 22	22 under 26	26 under 30	Over 30	
E-1	355.10	355.10	355.10	355.10	355.10	355.10	355.10	355.10	355.10	355.10	355.10	355.10	355.10	355.10	355.10	
E-2	373.35	373.35	373.35	373.35	373.35	373.35	373.35	373.35	373.35	373.35	373.35	373.35	373.35	373.35	373.35	
E-3	388.05	409.35	425.70	442.35	442.35	442.35	442.35	442.35	442.35	442.35	442.35	442.35	442.35	442.35	442.35	
E-4	403.50	426.00	450.75	486.15	505.20	505.20	505.20	505.20	505.20	505.20	505.20	505.20	505.20	505.20	505.20	
E-5	419.35	459.90	478.80	499.65	532.35	553.95	576.15	597.15	608.55	608.55	608.55	608.55	608.55	608.55	608.55	
E-6	477.90	521.25	542.85	565.35	586.95	608.55	630.45	663.15	684.00	705.60	716.70	716.70	716.70	716.70	716.70	
E-7	553.35	597.15	619.35	640.95	663.15	684.00	705.60	727.30	760.30	782.10	804.00	814.80	809.40	977.55	977.55	
E-8						792.60	814.80	836.40	858.30	880.50	901.35	923.55	977.55	1086.75	1086.75	
E-9							944.55	966.15	988.05	1010.85	1033.05	1053.45	1108.95	1216.50	1216.50	

BASIC PAY SCHEDULE

Period 5, 6, 7
(January - March 1975, April - June 1975, July - September 1975)

Pay Grade	Seniority																	
	Under 2	2 under 3	3 under 4	4 under 6	6 under 8	8 under 10	10 under 12	12 under 14	14 under 16	16 under 18	18 under 20	20 under 22	22 under 26	26 under 30	Over 30			
E-1	344.10	344.10	344.10	344.10	344.10	344.10	344.10	344.10	344.10	344.10	344.10	344.10	344.10	344.10	344.10			
E-2	383.40	383.40	383.40	383.40	383.40	383.40	383.40	383.40	383.40	383.40	383.40	383.40	383.40	383.40	383.40			
E-3	420.30	420.30	437.10	454.20	454.20	454.20	454.20	454.20	454.20	454.20	454.20	454.20	454.20	454.20	454.20			
E-4	414.30	437.40	462.90	499.20	518.70	518.70	518.70	518.70	518.70	518.70	518.70	518.70	518.70	518.70	518.70			
E-5	430.80	459.20	491.70	513.00	546.60	568.80	591.60	613.20	624.90	624.90	624.90	624.90	624.90	624.90	624.90			
E-6	490.30	535.20	557.40	580.50	602.70	624.90	647.40	661.00	702.30	724.50	735.90	735.90	735.90	735.90	735.90			
E-7	568.20	613.20	636.00	658.20	681.00	702.30	724.50	747.50	781.20	803.10	825.60	836.70	892.80	1003.80	1003.80			
E-8						813.90	836.70	858.90	881.40	904.20	925.50	946.30	1003.80	1116.00	1116.00			
E-9							969.90	992.10	1014.60	1038.00	1060.80	1081.30	1138.80	1249.20	1249.20			

(October - December 1975, January - March 1976, April - June 1976, July - September 1976)

Pay Grade	Seniority														
	Under 22	22 under 3	3 under 4	4 under 6	6 under 8	8 under 10	10 under 12	12 under 14	14 under 16	16 under 18	18 under 20	20 under 22	22 under 26	26 under 30	Over 30
E-1	361.20	361.20	361.20	361.20	361.20	361.20	361.20	361.20	361.20	361.20	361.20	361.20	361.20	361.20	361.20
E-2	402.60	402.60	402.60	402.60	402.60	402.60	402.60	402.60	402.60	402.60	402.60	402.60	402.60	402.60	402.60
E-3	448.20	441.30	459.00	477.00	477.00	477.00	477.00	477.00	477.00	477.00	477.00	477.00	477.00	477.00	477.00
E-4	475.00	459.50	486.00	524.10	514.50	544.50	544.50	544.50	544.50	544.50	544.50	544.50	544.50	544.50	544.50
E-5	452.40	492.60	516.30	535.80	573.90	597.30	621.30	645.80	656.10	656.10	656.10	656.10	656.10	656.10	656.10
E-6	515.40	561.90	585.30	609.60	632.70	656.10	679.80	715.20	731.50	740.80	742.80	742.80	742.80	742.80	742.80
E-7	550.70	643.80	667.80	691.20	715.20	737.40	760.80	784.80	820.20	845.30	867.80	879.40	937.50	1053.90	1053.90
E-8						854.70	875.40	911.7	925.00	949.70	971.70	1035.70	1053.90	1171.80	1171.80
E-9						1016.50	1041.00	1065.50	1089.00	1113.80	1135.80	1195.80	1311.60	1311.60	1311.60

BASIC PAY SCHEDULE

Periods 12, 13, 14, 15

(October - December 1976, January - March 1977, April - June 1977, July - September 1977)

Pay Grade	Seniority															
	Under 2	2 under 3	3 under 4	4 under 6	6 under 8	8 under 10	10 under 12	12 under 14	14 under 16	16 under 18	18 under 20	20 under 22	22 under 26	26 under 30	Over 30	
E-1	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	574.40
E-2	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50	417.50
E-3	433.20	437.20	475.50	494.40	494.40	494.90	494.40	494.40	494.40	494.40	494.40	494.40	494.40	494.40	494.40	494.40
E-4	450.60	475.80	503.70	543.00	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30
E-5	468.90	510.30	534.90	558.30	594.60	618.20	643.80	667.20	679.80	679.80	679.80	679.80	679.80	679.80	679.80	679.80
E-6	534.00	592.30	606.60	631.80	655.50	679.80	704.40	741.00	764.10	788.40	800.70	800.70	800.70	800.70	800.70	800.70
E-7	618.30	667.20	692.10	716.10	741.00	764.10	788.40	813.30	849.90	875.90	898.50	910.20	971.40	1092.00	1092.00	1092.00
E-8						885.00	910.20	934.50	959.10	984.00	1006.80	1031.70	1092.00	1214.10	1214.10	1214.10
E-9							1055.40	1079.10	1104.60	1129.50	1154.10	1176.80	1239.00	1359.00	1359.00	1359.00

BASIC PAY SCHEDULE

Periods 16, 17, 18, 19

(October - December 1977, January - March 1978, April - June 1978, July - September 1978)

Pay Grade	Seniority																	
	Under 2	2 under 3	3 under 4	4 under 6	6 under 8	8 under 10	10 under 12	12 under 14	14 under 16	16 under 18	18 under 20	20 under 22	22 under 26	26 under 30	Over 30			
E-1	397.50	397.50	397.50	397.50	397.50	397.50	397.50	397.50	397.50	397.50	397.50	397.50	397.50	397.50	397.50			
E-2	443.10	443.10	443.10	443.10	443.10	443.10	443.10	443.10	443.10	443.10	443.10	443.10	443.10	443.10	443.10			
E-3	488.20	488.20	504.90	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00			
E-4	478.50	505.20	534.90	576.60	599.40	599.40	599.40	599.40	599.40	599.40	599.40	599.40	599.40	599.40	599.40			
E-5	489.90	541.80	568.20	592.80	631.50	657.30	683.70	708.60	721.80	721.80	721.80	721.80	721.80	721.80	721.80			
E-6	567.00	618.30	644.10	671.10	696.00	721.60	748.20	786.90	811.50	837.70	859.20	859.20	859.20	859.20	859.20			
E-7	656.70	708.60	735.00	760.50	786.90	811.50	837.30	863.70	902.70	928.20	954.30	956.60	1031.70	1159.80	1159.80			
E-8						940.50	966.60	992.40	1018.50	1044.90	1069.20	1069.20	1159.80	1289.40	1289.40			
E-9							1120.80	1146.50	1172.40	1199.40	1225.80	1249.80	1315.80	1443.30	1443.30			

BASIC PAY SCHEDULE

Period 20, 21

(October - December 1978, January - March 1979)

Pay Grade	Seniority																
	Under 2	2 under 3	3 under 4	4 under 6	6 under 8	8 under 10	10 under 12	12 under 14	14 under 16	16 under 18	18 under 20	20 under 22	22 under 26	26 under 30	Over 30		
E-1	419.00	419.00	419.00	419.00	419.00	419.00	419.00	419.00	419.00	419.00	419.00	419.00	419.00	419.00	419.00		
E-2	467.00	467.00	467.00	467.00	467.00	467.00	467.00	467.00	467.00	467.00	467.00	467.00	467.00	467.00	467.00		
E-3	512.00	512.00	533.00	554.00	554.00	554.00	554.00	554.00	554.00	554.00	554.00	554.00	554.00	554.00	554.00		
E-4	565.00	565.00	564.00	608.00	632.00	632.00	632.00	632.00	632.00	632.00	632.00	632.00	632.00	632.00	632.00		
E-5			599.00	636.00	666.00	694.00	721.00	748.00	761.00	761.00	761.00	761.00	761.00	761.00	761.00		
E-6			680.00	708.00	734.00	761.00	789.00	830.00	856.00	884.00	897.00	897.00	897.00	897.00	897.00		
E-7			776.00	802.00	830.00	856.00	884.00	911.00	952.00	979.00	1007.00	1020.00	1088.00	1224.00	1224.00		
E-8						892.00	1020.00	1077.00	1075.00	1105.00	1128.00	1156.00	1224.00	1360.00	1360.00		
E-9							1182.00	1209.00	1237.00	1265.00	1293.00	1319.00	1388.00	1523.00	1523.00		

TABLE B-3
 BASIC ALLOWANCE FOR QUARTERS
 BY PAY GRADE AND DEPENDENCY
 JANUARY 1973 - March 1979

Pay Grade	Number of Dependents	
	0	1 or more
E-1	60.00	105.00
E-2	63.90	105.00
E-3	72.30	105.00
E-4	81.60	121.50
E-5	92.70	138.60
E-6	95.70	150.00
E-7	104.70	161.40
E-8	122.10	172.20
E-9	130.80	184.20

BASIC ALLOWANCE FOR QUARTERS
PERIOD 4
(July - December 1974)

Pay Grade	Number of Dependents	
	0	1 or more
E-1	61.65	107.85
E-2	65.70	107.85
E-3	74.25	107.85
E-4	83.85	124.80
E-5	95.25	142.50
E-6	98.40	154.20
E-7	107.55	165.90
E-8	125.40	177.00
E-9	134.40	189.90

BASIC ALLOWANCE FOR QUARTERS
PERIODS 5, 6, 7
(January - March 1975, April - June 1975,
July - September 1975)

Pay Grade	Number of Dependents	
	0	1 or more
E-1	63.30	110.70
E-2	67.50	110.70
E-3	76.20	110.70
E-4	86.10	128.10
E-5	97.80	146.40
E-6	101.10	158.40
E-7	110.40	170.40
E-8	128.70	181.80
E-9	138.00	194.40

BASIC ALLOWANCE FOR QUARTERS

PERIODS 8, 9, 10, 11

(October - December 1975, January - March 1976,
April - June 1976, July - September 1976)

Pay Grade	Number of Dependents	
	0	1 or more
E-1	66.69	116.10
E-2	70.80	116.10
E-3	80.10	116.10
E-4	90.30	134.40
E-5	102.60	153.60
E-6	106.20	166.20
E-7	115.80	178.80
E-8	135.00	190.80
E-9	144.90	204.00

BASIC ALLOWANCE FOR QUARTERS

PERIODS 12, 13, 14, 15

(October - December 1976, January - March 1977,
April - June 1977, July - September 1977)

Pay Grade	Number of Dependents	
	0	1 or more
E-1	73.80	128.40
E-2	78.30	128.40
E-3	88.50	128.40
E-4	99.30	147.90
E-5	112.50	168.30
E-6	117.00	183.00
E-7	128.40	198.30
E-8	150.30	212.40
E-9	162.60	228.60

BASIC ALLOWANCE FOR QUARTERS
PERIODS 16, 17, 18, 19
(October - December 1977, January - March 1977,
April - June 1978, July - September 1978)

Pay Grade	Number of Dependents	
	0	1 or more
E-1	81.90	142.50
E-2	86.70	142.50
E-3	98.10	142.50
E-4	109.80	163.50
E-5	124.20	185.70
E-6	129.30	202.20
E-7	142.50	219.90
E-8	167.40	236.40
E-9	181.80	255.60

BASIC ALLOWANCE FOR QUARTERS
PERIODS 20, 21
(October - December 1978, January - March 1979)

Pay Grade	Number of Dependents	
	0	1 or more
E-1	86.00	150.00
E-2	92.00	150.00
E-3	103.00	150.00
E-4	116.00	173.00
E-5	131.00	196.00
E-6	150.00	213.00
E-7	177.00	232.00
E-8	192.00	249.00
E-9		270.00

TABLE B-4

BASIC ALLOWANCE FOR SUBSISTENCE*

Time Period	Monthly Rate
January - June 1973	\$50.19
July - December 1973	50.19
January - June 1974	69.35
July - December 1974	71.33
January - June 1975	73.30
July - September 1975	73.30
October - December 1976	76.95
January - March 1976	76.95
April - June 1976	76.95
July - September 1976	76.95
October - December 1976	80.60
January - March 1977	80.60
April - June 1977	80.60
July - September 1977	80.60
October - December 1977	90.03
January - March 1978	90.03
April - June 1978	90.03
July - September 1978	90.03

*Source, Military Compensation Background Papers: Compensation Elements and Related Manpower Cost Items, Their Purpose and Legislative Background, August 1976. Department of Defense, Third Quadrennial Review of Military Compensation, Office of the Secretary of Defense, p. 30, and subsequent Tables of Enlisted Personnel Pay Rates.

**FEDERAL INCOME TAX ADVANTAGE
BY PAY GRADE AND TIME PERIOD**

[illegible]

TABLE B-6
VARIABLE REENLISTMENT BONUS FACTORS BY RATING*
(66/1/1 to 74/5/31)

Rating	Beginning Dates										
	65/1/1	66/4/20	67/11/3	68/7/1	69/1/1	69/7/1	70/7/1	71/7/1	72/7/1	72/11/1 73A	73/7/1 73B, 74A
ABE	0	0	0	0	0	0	0	0	3	3	3
ABF	0	0	0	0	0	0	0	0	0	0	1
AC	0	0	0	1	1	3	4	4	4	4	4
ADJ	0	0	0	0	0	0	0	0	0	0	1
AE	0	2	2	3	3	3	3	3	3	3	3
AG	0	1	1	1	1	1	2	2	2	2	3
AME	0	1	1	1	1	1	2	2	2	2	3
AMN	0	1	1	1	1	1	2	2	2	2	0
AMS	0	1	1	1	1	1	2	2	2	2	4
AO	0	2	2	3	3	3	3	3	3	3	0
AP	3	4	4	4	4	4	4	4	4	4	2
AS	0	0	0	0	0	0	0	0	0	0	4
AT	2	3	3	4	4	4	4	4	4	4	2
AW	0	0	0	0	0	0	0	0	0	0	3
AX	3	4	4	4	4	4	4	4	4	4	4
BM	0	0	0	0	0	0	0	0	0	0	2
BT	2	3	3	4	4	4	4	4	4	4	1
BU	0	2	2	2	2	2	2	2	2	2	4
CE	0	2	2	2	2	2	2	2	2	2	3
CM	0	2	2	2	2	2	2	2	2	2	3
CS	0	1	1	1	1	1	1	1	1	1	0
CT	3	4	4	4	4	4	4	4	4	4	0
CTA	3	4	4	4	4	4	4	4	4	4	0
CTI	3	4	4	4	4	4	4	4	4	4	2
CTM	3	4	4	4	4	4	4	4	4	4	2
CTO	3	4	4	4	4	4	4	4	4	4	0
CTR	3	4	4	4	4	4	4	4	4	4	4
CTT	3	4	4	4	4	4	4	4	4	4	0
											2

Rating	Beginning Dates										
	65/1/1	66/4/20	67/11/3	68/7/1	69/1/1	69/7/1	70/7/1	71/7/1	72/7/1	72/11/1 73A	73/7/1 73B, 74A
DC	0	2	2	4	4	4	4	4	0	0	0
DK	0	0	0	2	2	2	2	2	0	0	0
DM	0	0	0	0	0	0	0	0	0	0	0
DP	2	3	3	4	4	4	4	3	0	0	2
DS	3	3	3	4	4	4	4	4	3	2	2
DT	0	0	0	0	0	0	0	0	4	2	2
EA	1	2	2	2	2	2	2	0	0	0	1
EO	0	2	2	2	2	2	2	0	0	0	4
ET	3	4	4	4	4	4	4	4	0	0	0
EM	1	3	3	4	4	4	4	4	4	2	2
EN	1	3	3	4	4	4	4	4	4	4	3
EW	0	0	0	0	0	0	0	0	4	4	3
FTB	3	3	3	4	4	4	4	4	4	4	4
FTG	3	3	3	4	4	4	4	4	4	2	2
FTM	3	3	3	4	4	4	4	4	4	4	3
GMM	0	2	2	3	3	3	3	4	4	2	2
GMM	0	0	0	0	0	0	0	0	0	0	0
GMT	1	2	2	3	3	3	3	3	3	2	1
JM	0	0	0	0	0	0	0	4	4	4	4
8404			2	2	0	0	0	2	2	2	1
8405			2	2							
8406			2	2	2	2	2				
8409			2	2	2	2	2				
8412											
8413			2	2			2				
8414											
8416							2				
8417			2	2			2				
841X				2		2	2				

Rating	Beginning Dates										73/7/1 73B,74A
	65/1/1	66/5/20	67/11/3	68/7/1	69/1/1	69/7/1	70/7/1	71/7/1	72/7/1	72/11/1 73A	
8432			2	2	2	2					
8483	1	1	1	2							
8484			2	2							
8488				2							
8489			2	2							
8492			2	2	2	2	2				
8493			2	2	2	2	2				
8498			2	2	2						
HT	0	0	0	0	0	0	0	4	4	4	4
IC	2	3	3	4	4	4	4	4	4	4	4
JO	0	0	0	0	0	0	0	0	0	0	3
JM	0	0	0	2	2	2	2	4	4	4	4
LN	0	0	0	0	0	0	0	0	0	0	1
ML											2
MM	1	3	3	4	4	4	4	4	4	4	4
MN	0	0	0	0	0	0	0	0	3	3	3
MR	0	2	2	3	3	3	3	3	3	3	3
MT	1	2	2	2	0	0	0	4	4	2	0
MU	0	0	0	0	0	0	0	0	2	2	2
OM	1	2	2	3	3	3	3	3	3	3	3
OT	0	0	0	0	0	0	9/1/70	4	4	4	4
PH	0	0	0	0	0	0	0	3	3	3	3
PM	0	1	1	1	1	1	3	3	3	3	3
PN	0	0	0	0	0	0	0	0	0	0	1
PT	4	4	4	4	4	4	4	4	4	4	4
QM	1	3	3	4	4	4	3	3	3	3	3
RD/OS	3	3	3	4	4	4	4	4	4	4	4
RM	2	3	3	4	4	4	4	4	4	4	4
SF	0	2	2	4	4	4	4	4	4	4	0
SK	0	1	1	1	1	1	1	0	0	0	0

Beginning Dates

Rating 65/1/1 66/5/20 67/11/3 68/7/1 69/1/1 69/7/1 70/7/1 71/7/1 72/7/1 72/11/1 73/7/1
73A 73B,74A

SM	1	2	2	3	3	3	3	3	3	3	3	3
ST	4	4	4	4	4	4	4	4	4	4	4	4
TD	0	0	0	0	0	0	0	0	0	0	0	0
TM	1	2	2	3	3	3	3	3	3	3	3	3
SW	0	2	2	2	2	2	2	2	2	2	2	2
UT	0	2	2	2	2	2	2	2	2	2	2	2
YN	0	0	0	0	0	0	0	0	0	0	0	0

NUCLEAR NEC'S

11/1/72 7/1/73

NEC's												
3351												
3353												
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*BUPERS INST, 1133.18 E CHI, 31 July 1972

TABLE B-7
VARIABLE RE-ENLISTMENT PLAN:
PERSONNEL CATEGORY II

	Time Period		
	1	2	3
AB	0.097	0.128	0.128
AC	0.333	0.333	0.333
AD	0.000	0.031	0.031
AE	0.250	0.250	0.250
AG	0.167	0.250	0.250
AK	0.000	0.000	0.000
AM	0.167	0.118	0.118
AO	0.167	0.167	0.167
AQ	0.333	0.333	0.333
AT	0.250	0.250	0.250
AW	0.333	0.333	0.333
BM	0.000	0.083	0.083
BT	0.333	0.333	0.333
BU	0.000	0.250	0.250
DP	0.167	0.167	0.167
DS	0.167	0.167	0.167
DT	0.000	0.083	0.083
EM	0.333	0.250	0.250
EN	0.333	0.250	0.250
EO	0.000	0.000	0.000
ET	0.167	0.167	0.167
FT	0.247	0.207	0.207
GM	0.152	0.129	0.129
HM	0.167	0.083	0.083
HT	0.333	0.333	0.333
IC	0.333	0.333	0.333
LN	0.000	0.083	0.083

	Time Period		
	1	2	3
MM	0.333	0.333	0.333
MR	0.250	0.250	0.250
MS	0.000	0.000	0.000
OS	0.000	0.000	0.000
PH	0.250	0.250	0.250
PN	0.000	0.083	0.083
PR	0.000	0.000	0.000
QM	0.250	0.250	0.250
RM	0.333	0.333	0.333
SH	0.000	0.000	0.000
SK	0.000	0.000	0.000
SM	0.250	0.250	0.250
ST	0.333	0.333	0.333
TM	0.333	0.333	0.333
YN	0.000	0.083	0.083

TABLE B-8
VARIABLE RE-ENLISTMENT PLAN:
PERSONNEL CATEGORY III

	Time Period		
	1	2	3
AB	0.058	0.077	0.077
AC	0.200	0.200	0.200
AD	0.000	0.019	0.019
AE	0.150	0.150	0.150
AG	0.100	0.150	0.150
AK	0.000	0.000	0.000
AM	0.100	0.071	0.071
AO	0.100	0.100	0.100
AQ	0.200	0.200	0.200
AT	0.150	0.150	0.150
AW	0.200	0.200	0.200
BM	0.000	0.050	0.050
BT	0.200	0.200	0.200
BU	0.000	0.150	0.150
DP	0.100	0.100	0.100
DS	0.100	0.100	0.100
DT	0.000	0.050	0.050
EM	0.200	0.150	0.150
EN	0.200	0.150	0.150
EO	0.000	0.000	0.000
ET	0.100	0.100	0.100
FT	0.148	0.124	0.124
GM	0.091	0.077	0.077
HM	0.100	0.050	0.050
HT	0.200	0.200	0.200
IC	0.200	0.200	0.200
LN	0.000	0.050	0.050

	Time Period		
	1	2	3
MM	0.200	0.200	0.200
MR	0.150	0.150	0.150
MS	0.000	0.000	0.000
OS	0.000	0.000	0.000
PH	0.150	0.150	0.150
PN	0.000	0.050	0.050
PR	0.000	0.000	0.000
QM	0.150	0.150	0.150
RM	0.200	0.200	0.200
SH	0.000	0.000	0.000
SK	0.000	0.000	0.000
SM	0.150	0.150	0.150
ST	0.200	0.200	0.200
TM	0.200	0.200	0.200
YN	0.000	0.050	0.050

TABLE B-9

SELECTIVE REENLISTMENT BONUS FACTORS
HISTORY OF ELIGIBLE RATINGS/NECs AND AWARD LEVELS

Rating	FY74 Oct.73- Sept.74		FY75 Oct.74- Sept.75		FY76I Oct.75- Mar.76		FY76M Apr.76- Jun.76		FY76 Jul.76- Sept.76		FY77I Oct.76- Mar.77		FY77M Apr.77- Sept.77		FY78I Oct.77- Mar.78		FY78M Apr.78- Sept.78		FY79 Oct.78- Mar.79	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
ABE	4	0	4	0	3	0	0	0	2	0	2	0	4	2	4	2	4	2	2	1
ABF	2	0	3	0	2	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0
ABH	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AC	5	0	3	0	2	0	2	0	2	0	2	0	3	1	4	3	4	3	5	4
ADJ	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ADR	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AE	4	0	4	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
AG	4	0	3	0	3	0	3	0	3	1	3	1	3	1	2	1	2	1	1	1
AME	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
AMH	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMS	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AO	3	0	3	0	3	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0
AQ	5	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
AS	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASE	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASH	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASM	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT	4	0	4	0	3	0	2	0	2	0	2	0	3	0	4	0	4	0	3	0
AW	5	0	5	1	5	1	5	1	3	0	3	0	3	0	2	0	3	1	4	1
AX	3	0	3	1	3	2	3	2	4	2	4	2	4	2	3	1	3	1	1	1

[illegible]

Rating	FY74		FY75		FY76I		FY76M		FY76		FY77I		FY77M		FY78I		FY78M		FY79	
	Oct.73-	Sept.74	Oct.74-	Sept.75	Oct.75-	Mar.76	Apr.76-	Jun.76	Jul.76-	Sept.76	Oct.76-	Mar.77	Apr.77-	Sept.77	Oct.77-	Mar.78	Apr.78-	Sept.78	Oct.78-	Mar.79
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
ET(SS)	0	0	0	0	0	0	2	1	4	2	4	2	4	2	5	2	5	2	5	4
ET(SW)	0	0	0	0	0	0	6	4	6	4	6	4	6	4	5	4	5	4	5	5
EW	5	0	4	0	5	1	5	1	5	2	5	2	5	2	4	2	4	2	5	2
FTB	3	0	0	0	0	0	6	0	6	1	6	1	6	3	6	3	6	4	5	5
FTG	4	0	3	0	2	0	3	0	4	0	4	0	4	1	4	2	4	2	2	1
FTM	3	0	3	0	3	1	5	2	5	3	5	3	6	4	6	4	6	4	6	5
GMM	0	0	3	0	3	0	2	0	3	0	3	0	3	0	2	0	2	0	0	0
GMT	2	0	2	1	2	1	5	1	5	2	5	2	6	3	6	3	6	3	4	4
GS	5	0	5	0	5	0	5	0	5	1	5	1	5	2	6	2	6	2	4	2
	0	0	5	1	0	0	0	0	0	0	-	-	-	-	-	-	-	-	3	4
HM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT	5	0	5	1	5	1	4	1	4	1	4	1	4	1	3	1	3	1	2	1
IC	5	0	5	1	4	2	3	2	3	0	3	0	4	1	2	1	2	1	2	1
IM	5	0	5	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
JO	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LN	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
ML	3	0	3	0	3	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0
MM	5	0	5	1	5	2	4	2	4	2	4	2	5	3	5	3	5	3	4	2
MN	4	0	4	0	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MR	4	0	4	1	2	0	3	0	3	0	3	0	3	0	2	0	0	0	0	0
MS	0	0	0	0	0	0	0	0	2	0	2	0	2	0	3	0	3	0	2	0
MT	0	0	0	0	0	0	6	4	6	4	6	4	6	4	6	6	6	6	5	6
MU	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
QM	4	0	4	0	4	0	3	0	3	0	3	0	2	0	2	0	2	0	0	0
OS	5	0	5	1	5	2	5	2	5	0	5	0	4	1	4	1	4	1	2	1

[illegible]

Rating	FY74		FY75		FY76I		FY76M		FY76Q		FY77I		FY77M		FY78I		FY78M		FY79	
	Oct.73-	Sept.74	Oct.74-	Sept.75	Oct.75-	Mar.76	Apr.76-	Jun.76	Jul.76-	Sept.76	Oct.76-	Mar.77	Apr.77-	Sept.77	Oct.77-	Mar.78	Apr.78-	Sept.78	Oct.78-	Mar.79
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
<u>NECs</u>																				
NUCPWR	6	0	6	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5311	0	0	0	0	0	0	0	0	2	0	2	0	2	0	3	1	3	1	3	6
5321	0	0	0	0	0	0	0	0	2	0	2	0	2	0	3	1	3	1	3	6
5322	0	0	0	0	0	0	0	0	2	0	2	0	2	0	3	1	3	1	3	6
5327	0	0	0	0	0	0	0	0	2	0	2	0	2	0	3	1	3	1	3	6
5332	0	0	0	0	0	0	0	0	2	0	2	0	2	0	4	0	4	0	4	0
5333	0	0	0	0	0	0	0	0	2	0	2	0	2	0	4	0	4	0	4	0
5342	0	0	0	0	0	0	0	0	2	0	2	0	2	0	3	1	4	2	4	2
HM-8402	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	0	2	2	3
HM-8493*	0	0	0	0	0	0	0	0	2	0	2	0	2	0	3	1	4	2	3	3
5343	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	3	3	3	3

*Component NEC of NEC 5342

[illegible]

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SECRETARY OF THE ARMY

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A	0.097	0.116	0.136	0.157	0.177	0.197	0.216	0.235	0.254	0.273	0.292	0.311	0.330	0.349	0.368	0.387	0.406	0.425	0.444
B	0.125	0.245	0.365	0.485	0.605	0.725	0.845	0.965	1.085	1.205	1.325	1.445	1.565	1.685	1.805	1.925	2.045	2.165	2.285
C	0.019	0.038	0.057	0.076	0.095	0.114	0.133	0.152	0.171	0.190	0.209	0.228	0.247	0.266	0.285	0.304	0.323	0.342	0.361
D	0.103	0.203	0.303	0.403	0.503	0.603	0.703	0.803	0.903	1.003	1.103	1.203	1.303	1.403	1.503	1.603	1.703	1.803	1.903
E	0.120	0.200	0.275	0.350	0.425	0.500	0.575	0.650	0.725	0.800	0.875	0.950	1.025	1.100	1.175	1.250	1.325	1.400	1.475
F	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090
G	0.075	0.125	0.175	0.225	0.275	0.325	0.375	0.425	0.475	0.525	0.575	0.625	0.675	0.725	0.775	0.825	0.875	0.925	0.975
H	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.625	1.750	1.875	2.000	2.125	2.250	2.375
I	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900	1.000	1.100	1.200	1.300	1.400	1.500	1.600	1.700	1.800	1.900
J	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
K	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
L	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
M	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
N	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
O	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
P	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
Q	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
R	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
S	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
T	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
U	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
V	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
W	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
X	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
Y	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425
Z	0.075	0.150	0.225	0.300	0.375	0.450	0.525	0.600	0.675	0.750	0.825	0.900	0.975	1.050	1.125	1.200	1.275	1.350	1.425

[illegible]

TABLE B-12
BONUS PERIODS
(SELECTIVE REENLISTMENT BONUS PROGRAM)

Bonus	Bonus Period
73 B	.5 FY 74
74 A	FY 74
74 B	.5 FY 74 + .5 FY 75
75 I	FY 75
II	FY 75
III	FY 75
IV	FY 76 I
76 I	FY 76 I
II	FY 76 M
III	FY 76 TO
IV	FY 77 I
77 I	FY 77 I
II	FY 77 M
III	FY 77 M
IV	FY 77 M
78 I	FY 78 I
II	FY 78 M
III	FY 78 M
IV	FY 79
79 I	FY 79

TABLE B-13
AGGREGATE MONTHLY BONUS FACTORS
BY RATING AND TIME PERIOD
PERSONNEL CATEGORIES II AND III

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																													
1	0.140	0.139	0.138	0.137	0.136	0.135	0.134	0.133	0.132	0.131	0.130	0.129	0.128	0.127	0.126	0.125	0.124	0.123	0.122	0.121	0.120	0.119	0.118	0.117	0.116	0.115	0.114	0.113	0.112	0.111	0.110	0.109	0.108	0.107	0.106	0.105	0.104	0.103	0.102	0.101	0.100	0.099	0.098	0.097	0.096	0.095	0.094	0.093	0.092	0.091	0.090	0.089	0.088	0.087	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044	0.043	0.042	0.041	0.040	0.039	0.038	0.037	0.036	0.035	0.034	0.033	0.032	0.031	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.022	0.021	0.020	0.019	0.018	0.017	0.016	0.015	0.014	0.013	0.012	0.011	0.010	0.009	0.008	0.007	0.006	0.005	0.004	0.003	0.002	0.001	0.000	-0.001	-0.002	-0.003	-0.004	-0.005	-0.006	-0.007	-0.008	-0.009	-0.010	-0.011	-0.012	-0.013	-0.014	-0.015	-0.016	-0.017	-0.018	-0.019	-0.020	-0.021	-0.022	-0.023	-0.024	-0.025	-0.026	-0.027	-0.028	-0.029	-0.030	-0.031	-0.032	-0.033	-0.034	-0.035	-0.036	-0.037	-0.038	-0.039	-0.040	-0.041	-0.042	-0.043	-0.044	-0.045	-0.046	-0.047	-0.048	-0.049	-0.050	-0.051	-0.052	-0.053	-0.054	-0.055	-0.056	-0.057	-0.058	-0.059	-0.060	-0.061	-0.062	-0.063	-0.064	-0.065	-0.066	-0.067	-0.068	-0.069	-0.070	-0.071	-0.072	-0.073	-0.074	-0.075	-0.076	-0.077	-0.078	-0.079	-0.080	-0.081	-0.082	-0.083	-0.084	-0.085	-0.086	-0.087	-0.088	-0.089	-0.090	-0.091	-0.092	-0.093	-0.094	-0.095	-0.096	-0.097	-0.098	-0.099	-0.100

[illegible]

AGGREGATE OF HOMES PLANS : CATEGORY III

[illegible]

[illegible]

PRIVATE SECTOR EARNING
BY SIC (STANDARD INDUSTRIAL CLASSIFICATION)
CODE AND TIME PERIOD

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
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series	9622	9623	9624	9625	9626	9627	9628	9629	9630	9631	9632	9633	9634	9635	9636	9637	9638	9639	9640
1	770.22	950.03	915.11	635.95	555.51	512.95	630.91	475.31	495.10	590.30	650.48	690.73							
2	772.01	972.26	965.7	655.63	910.70	875.71	671.20	503.73	593.00	673.70	746.07								
3	762.00	910.1	905.	655.21	905.60	875.67	672.00	500.7	593.71	673.00	746.00								
4	959.60	909.34	900.00	603.00	655.67	905.00	715.50	410.00	495.0	590.00	650.52	690.54							
5	916.00	905.00	875.37	600.00	875.0	875.00	715.00	410.00	495.0	590.00	650.52	690.54							
6	916.01	905.01	875.38	600.01	875.01	875.01	715.01	410.01	495.01	590.01	650.53	690.55							
7	905.00	905.00	905.00	605.00	875.00	875.00	715.00	410.00	495.00	590.00	650.50	690.50							
8	950.00	910.00	905.00	605.00	875.00	875.00	715.00	410.00	495.00	590.00	650.50	690.50							
9	961.00	972.00	965.00	615.00	875.00	875.00	715.00	410.00	495.00	590.00	650.50	690.50							
10	936.00	937.00	930.00	615.00	875.00	875.00	715.00	410.00	495.00	590.00	650.50	690.50							
11	916.00	905.00	875.00	605.00	875.00	875.00	715.00	410.00	495.00	590.00	650.50	690.50							
12	927.07	905.07	875.07	615.07	875.07	875.07	715.07	410.07	495.07	590.07	650.57	690.57							
13	911.12	901.12	871.12	611.12	871.12	871.12	711.12	411.12	491.12	591.12	651.12	691.12							
14	912.05	902.05	872.05	612.05	872.05	872.05	712.05	412.05	492.05	592.05	652.05	692.05							
15	909.00	900.00	870.00	610.00	870.00	870.00	710.00	410.00	490.00	590.00	650.00	690.00							
16	910.00	900.00	870.00	610.00	870.00	870.00	710.00	410.00	490.00	590.00	650.00	690.00							
17	910.75	900.75	870.75	610.75	870.75	870.75	710.75	410.75	490.75	590.75	650.75	690.75							
18	910.00	900.00	870.00	610.00	870.00	870.00	710.00	410.00	490.00	590.00	650.00	690.00							
19	910.00	900.00	870.00	610.00	870.00	870.00	710.00	410.00	490.00	590.00	650.00	690.00							
20	917.00	907.00	877.00	617.00	877.00	877.00	717.00	417.00	497.00	597.00	657.00	697.00							
21	922.00	912.00	882.00	622.00	882.00	882.00	722.00	422.00	502.00	602.00	662.00	702.00							

TABLE B-15
TIME PERIODS FOR OBSERVATIONS

(1)	(2)	(3)
1. Jan. - June 1973	1. Jan. - June 1973	1. Mar. - June 1973
2. July - Dec. 1973	2. July - Dec. 1973	2. July - Sept. 1973
3. Jan. - June 1974	3. Jan. - June 1974	3. Oct. - Dec. 1973
4. July - Dec. 1974	4. July - Dec. 1974	4. Jan. - Mar. 1974
5. Jan. - Mar. 1975	5. Jan. - June 1975	5. Apr. - June 1974
6. Apr. - June 1975	6. July - Sept. 1975	6. July - Sept. 1974
7. July - Sept. 1975	7. Oct. - Dec. 1975	7. Oct. - Dec. 1974
8. Oct. - Dec. 1975	8. Jan. - Mar. 1976	8. Jan. - Mar. 1975
9. Jan. - Mar. 1976	9. Apr. - June 1976	9. Apr. - June 1975
10. Apr. - June 1976	10. July - Sept. 1976	10. July - Sept. 1975
11. July - Sept. 1976	11. Oct. - Dec. 1976	11. Oct. - Dec. 1975
12. Oct. - Dec. 1976	12. Jan. - Mar. 1977	12. Jan. - Mar. 1976
13. Jan. - Mar. 1977	13. Apr. - June 1977	13. Apr. - June 1976
14. Apr. - June 1977	14. July - Sept. 1977	14. July - Sept. 1976
15. July - Sept. 1977	15. Oct. - Dec. 1977	15. Oct. - Dec. 1976
16. Oct. - Dec. 1977	16. Jan. - Mar. 1978	16. Jan. - Mar. 1977
17. Jan. - Mar. 1978	17. Apr. - June 1978	17. Apr. - June 1977
18. Apr. - June 1978	18. July - Sept. 1978	18. July - Sept. 1977
19. July - Sept. 1978	19. Oct. - Dec. 1978	19. Oct. - Dec. 1977
20. Oct. - Dec. 1978		20. Jan. - Mar. 1978
21. Jan. - Mar. 1979		21. Apr. - June 1978
		22. July - Sept. 1978

TABLE B-16

QUIT RATES AND RELATIVE COMPENSATION
BY PERSONNEL CATEGORY IN NAVY RATINGS

Explanations

I, II, III, IV:	Personnel Categories: I: Under 42 months of service II: 42-48 months of service III: 49-143 months of service IV: Up to 143 months of service (All personnel included in I, II, and III)
Time:	1, 2, . . . , 22 Consecutive Quarters: 2nd Quarter of 1973 (Time 1) through 3rd Quarter of 1979 (Time 22)
Q:	Quit Rate: Percent quits per year (See Table A-1, Appendix A, for separation codes included)
W_b/W_p :	Relative Military-Civilian Compensation where W_b = mean Basic Pay for the Personnel Category in the Navy Rating and W_p = private sector earnings in the SIC code equivalent to the Navy rating (See Table A-2, Appendix A, for a list of SIC codes and descriptions used for each rating)
W_r/W_p :	Relative Military-Civilian Compensation where W_r = mean Regular Military Compensation and Bonuses for the Personnel Category in the Navy Rating and W_p = same as in W_b/W_p

RATING: AB

TIME	I				II				III				IV				I				II				III				IV			
	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p
1	5.95	0.43	115.04	0.49	13.20	0.50	31.13	0.48	8.45	0.61	115.04	0.80	13.20	0.93	31.13	0.72	8.45	0.58	115.04	0.80	13.20	0.93	31.13	0.72	8.45	0.58	115.04	0.80	13.20	0.93	31.13	0.72
2	6.20	0.41	114.89	0.47	12.31	0.57	29.03	0.46	5.80	0.58	114.89	0.80	12.31	0.90	29.03	0.70	5.80	0.55	114.89	0.80	12.31	0.90	29.03	0.70	5.80	0.55	114.89	0.80	12.31	0.90	29.03	0.70
3	5.51	0.41	100.40	0.48	10.59	0.56	26.12	0.46	5.09	0.58	100.40	0.80	10.59	0.92	26.12	0.71	5.09	0.51	100.40	0.80	10.59	0.92	26.12	0.71	5.09	0.51	100.40	0.80	10.59	0.92	26.12	0.71
4	7.24	0.42	100.75	0.48	8.04	0.57	22.82	0.47	7.24	0.61	100.75	0.80	8.04	0.93	22.82	0.72	7.24	0.51	100.75	0.80	8.04	0.93	22.82	0.72	7.24	0.51	100.75	0.80	8.04	0.93	22.82	0.72
5	10.27	0.40	111.04	0.46	7.22	0.54	27.40	0.44	10.27	0.61	111.04	0.80	7.22	0.90	27.40	0.71	10.27	0.51	111.04	0.80	7.22	0.90	27.40	0.71	10.27	0.51	111.04	0.80	7.22	0.90	27.40	0.71
6	14.34	0.40	106.40	0.46	8.14	0.54	27.40	0.44	13.34	0.61	106.40	0.80	8.14	0.90	27.40	0.71	13.34	0.51	106.40	0.80	8.14	0.90	27.40	0.71	13.34	0.51	106.40	0.80	8.14	0.90	27.40	0.71
7	21.77	0.41	106.81	0.46	8.88	0.54	29.01	0.44	17.37	0.61	106.81	0.80	8.88	0.90	29.01	0.71	17.37	0.51	106.81	0.80	8.88	0.90	29.01	0.71	17.37	0.51	106.81	0.80	8.88	0.90	29.01	0.71
8	32.59	0.41	100.89	0.47	9.43	0.55	31.77	0.45	23.97	0.60	100.89	0.80	9.43	0.90	31.77	0.71	23.97	0.51	100.89	0.80	9.43	0.90	31.77	0.71	23.97	0.51	100.89	0.80	9.43	0.90	31.77	0.71
9	23.37	0.41	148.65	0.47	8.70	0.50	41.34	0.45	22.57	0.56	148.65	0.80	8.70	0.85	41.34	0.70	22.57	0.51	148.65	0.80	8.70	0.85	41.34	0.70	22.57	0.51	148.65	0.80	8.70	0.85	41.34	0.70
10	16.50	0.43	141.94	0.47	6.01	0.51	30.50	0.44	12.57	0.56	141.94	0.80	6.01	0.80	30.50	0.67	12.57	0.51	141.94	0.80	6.01	0.80	30.50	0.67	12.57	0.51	141.94	0.80	6.01	0.80	30.50	0.67
11	17.07	0.43	146.00	0.45	11.13	0.51	22.12	0.47	16.50	0.56	146.00	0.80	11.13	0.71	22.12	0.67	16.50	0.51	146.00	0.80	11.13	0.71	22.12	0.67	16.50	0.51	146.00	0.80	11.13	0.71	22.12	0.67
12	23.37	0.43	146.00	0.45	13.36	0.51	34.09	0.47	23.87	0.57	146.00	0.80	13.36	0.71	34.09	0.67	23.87	0.51	146.00	0.80	13.36	0.71	34.09	0.67	23.87	0.51	146.00	0.80	13.36	0.71	34.09	0.67
13	17.07	0.43	121.42	0.45	8.60	0.51	20.93	0.43	17.03	0.57	121.42	0.80	8.60	0.71	20.93	0.67	17.03	0.51	121.42	0.80	8.60	0.71	20.93	0.67	17.03	0.51	121.42	0.80	8.60	0.71	20.93	0.67
14	13.49	0.43	121.42	0.45	8.60	0.51	19.04	0.44	13.49	0.58	121.42	0.80	8.60	0.71	19.04	0.67	13.49	0.51	121.42	0.80	8.60	0.71	19.04	0.67	13.49	0.51	121.42	0.80	8.60	0.71	19.04	0.67
15	23.75	0.43	147.90	0.47	7.38	0.50	30.09	0.44	13.49	0.58	147.90	0.80	7.38	0.71	30.09	0.67	13.49	0.51	147.90	0.80	7.38	0.71	30.09	0.67	13.49	0.51	147.90	0.80	7.38	0.71	30.09	0.67
16	10.92	0.41	175.91	0.47	6.70	0.54	14.89	0.46	10.92	0.61	175.91	0.80	6.70	0.71	14.89	0.67	10.92	0.51	175.91	0.80	6.70	0.71	14.89	0.67	10.92	0.51	175.91	0.80	6.70	0.71	14.89	0.67
17	3.65	0.41	120.60	0.47	10.61	0.54	17.16	0.46	3.65	0.65	120.60	0.80	10.61	0.71	17.16	0.67	3.65	0.51	120.60	0.80	10.61	0.71	17.16	0.67	3.65	0.51	120.60	0.80	10.61	0.71	17.16	0.67
18	3.82	0.39	101.16	0.43	17.16	0.51	20.92	0.43	3.82	0.57	101.16	0.80	17.16	0.71	20.92	0.67	3.82	0.51	101.16	0.80	17.16	0.71	20.92	0.67	3.82	0.51	101.16	0.80	17.16	0.71	20.92	0.67
19	7.46	0.35	110.17	0.40	10.69	0.47	20.92	0.39	7.46	0.52	110.17	0.80	10.69	0.71	20.92	0.67	7.46	0.51	110.17	0.80	10.69	0.71	20.92	0.67	7.46	0.51	110.17	0.80	10.69	0.71	20.92	0.67

RATING: AD

	I		II		III		IV		I		II		III		IV	
	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p
1	8.23	0.46	102.32	0.53	7.83	0.64	23.33	0.52	8.23	0.69	102.32	0.80	7.83	0.99	23.33	0.77
2	5.80	0.46	106.61	0.53	7.50	0.63	22.61	0.52	5.80	0.65	106.61	0.81	7.50	0.94	22.61	0.77
3	5.11	0.46	103.32	0.53	7.04	0.63	21.27	0.52	5.11	0.65	103.32	0.83	7.04	0.96	21.27	0.77
4	6.16	0.46	93.64	0.53	6.44	0.63	19.27	0.52	6.16	0.67	93.64	0.85	6.44	0.99	19.27	0.79
5	7.16	0.46	80.59	0.53	6.32	0.62	17.50	0.52	7.16	0.68	80.59	0.85	6.32	0.99	17.50	0.80
6	9.52	0.46	73.24	0.52	6.74	0.61	16.20	0.52	9.52	0.67	73.24	0.84	6.74	0.98	16.20	0.79
7	12.93	0.44	98.89	0.51	6.53	0.60	18.35	0.51	12.93	0.66	98.89	0.83	6.53	0.99	18.35	0.79
8	18.28	0.42	155.08	0.49	6.46	0.58	24.07	0.49	18.28	0.62	155.08	0.81	6.43	0.92	24.07	0.77
9	8.26	0.42	111.91	0.49	5.19	0.56	21.47	0.49	8.26	0.62	111.91	0.79	5.19	0.85	21.47	0.72
10	9.70	0.42	131.18	0.49	9.31	0.56	15.92	0.49	9.70	0.62	131.18	0.75	9.31	0.85	15.92	0.71
11	9.82	0.42	106.66	0.48	7.27	0.55	15.92	0.48	9.82	0.61	106.66	0.77	7.27	0.85	15.92	0.72
12	5.46	0.41	88.66	0.47	6.84	0.54	11.58	0.47	5.46	0.61	88.66	0.77	6.84	0.85	11.58	0.71
13	7.23	0.40	90.43	0.45	4.34	0.54	14.40	0.46	7.23	0.59	90.43	0.72	4.34	0.84	14.40	0.70
14	11.87	0.40	154.27	0.45	4.34	0.54	14.40	0.46	11.87	0.59	154.27	0.71	4.34	0.83	14.40	0.69
15	6.60	0.40	101.87	0.45	9.12	0.53	16.39	0.46	6.60	0.59	101.87	0.72	9.12	0.82	16.39	0.69
16	3.16	0.40	128.24	0.45	9.55	0.53	15.45	0.46	3.16	0.59	128.24	0.72	9.55	0.83	15.45	0.70
17	2.97	0.39	130.27	0.45	10.10	0.53	13.61	0.45	2.97	0.56	130.27	0.70	10.10	0.84	13.61	0.69
18	5.18	0.38	109.45	0.44	9.16	0.51	15.62	0.44	5.18	0.57	109.45	0.69	9.16	0.83	15.62	0.67

TIME	RATING: AE															
	I				II				III				IV			
	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P
1	6.24	0.47	101.66	0.53	7.41	0.63	30.90	0.53	6.24	0.68	101.66	0.95	7.41	1.05	30.90	0.85
2	5.85	0.46	109.75	0.53	8.92	0.62	32.26	0.53	5.85	0.66	109.75	0.95	8.92	1.07	32.26	0.87
3	6.29	0.46	105.67	0.53	9.21	0.62	32.10	0.53	6.29	0.66	106.67	1.04	9.21	1.10	32.10	0.89
4	7.56	0.46	92.42	0.53	8.30	0.62	28.10	0.53	7.56	0.67	92.42	1.11	8.30	1.14	28.10	0.91
5	7.44	0.46	83.13	0.54	7.70	0.62	18.76	0.53	7.44	0.68	83.13	1.11	7.70	1.14	18.76	0.90
6	5.92	0.46	78.81	0.54	7.39	0.61	15.13	0.52	5.92	0.68	78.81	1.04	7.39	1.09	15.13	0.87
7	5.54	0.46	73.12	0.53	7.01	0.61	13.14	0.51	5.54	0.67	73.12	1.00	7.01	1.05	13.14	0.84
8	6.30	0.45	66.05	0.52	6.87	0.59	12.79	0.50	6.30	0.66	66.05	0.95	6.87	1.03	12.79	0.82
9	9.51	0.44	83.10	0.51	6.87	0.58	15.41	0.48	9.51	0.64	83.10	0.95	6.87	1.00	15.41	0.80
10	15.17	0.43	24.27	0.49	7.20	0.56	22.20	0.48	15.17	0.62	24.27	0.93	7.20	0.97	22.20	0.76
11	8.67	0.43	104.45	0.50	7.20	0.56	16.33	0.48	8.67	0.63	104.45	0.85	7.20	0.91	16.33	0.75
12	5.68	0.43	97.46	0.50	7.09	0.56	11.60	0.48	5.68	0.63	97.46	0.85	7.09	0.91	11.60	0.74
13	6.82	0.43	72.11	0.50	8.39	0.57	14.90	0.49	6.82	0.63	72.11	0.86	8.39	0.91	14.90	0.76
14	9.84	0.42	142.49	0.49	6.49	0.56	24.89	0.48	9.84	0.64	142.49	0.84	6.49	0.84	24.89	0.75
15	6.64	0.42	116.15	0.49	9.11	0.56	16.26	0.48	6.64	0.61	116.15	0.76	9.11	0.85	16.26	0.72
16	4.96	0.41	123.30	0.48	6.47	0.55	13.65	0.47	4.96	0.60	123.30	0.72	6.47	0.84	13.65	0.71
17	4.25	0.41	93.30	0.46	9.86	0.54	13.99	0.46	4.25	0.60	93.30	0.72	9.86	0.84	13.99	0.70
18	5.47	0.41	164.21	0.46	13.32	0.53	24.06	0.46	5.47	0.61	164.21	0.73	13.32	0.83	24.06	0.72
19	2.59	0.41	118.60	0.46	10.38	0.54	16.33	0.47	2.59	0.61	118.60	0.73	10.38	0.85	16.33	0.72
20	4.59	0.40	118.60	0.46	14.50	0.54	16.77	0.47	4.59	0.61	118.60	0.72	14.50	0.85	16.77	0.71
21	4.59	0.40	80.51	0.46	12.37	0.53	15.37	0.46	4.59	0.61	80.51	0.72	12.37	0.83	15.37	0.71
22	9.15	0.39	111.23	0.44	15.24	0.52	20.92	0.45	9.15	0.58	111.23	0.70	15.24	0.81	20.92	0.69

TIME	RATING: AG															
	I				II				III				IV			
	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P	Q	w _B /w _P
1	8.81	0.62	87.61	0.71	11.64	0.85	19.67	0.70	8.81	0.88	87.61	1.24	11.64	1.38	19.67	1.06
2	6.72	0.62	92.80	0.72	9.62	0.85	18.78	0.70	6.72	0.88	92.80	1.33	9.62	1.44	18.78	1.09
3	7.67	0.63	92.72	0.72	7.82	0.85	19.67	0.70	7.67	0.89	92.72	1.41	7.82	1.44	19.67	1.12
4	11.67	0.63	96.36	0.72	6.25	0.85	22.34	0.71	11.67	0.90	96.36	1.49	6.25	1.50	22.34	1.15
5	8.36	0.61	105.31	0.71	7.54	0.84	20.37	0.69	8.36	0.89	105.31	1.34	7.54	1.54	20.37	1.15
6	7.78	0.60	105.15	0.70	7.32	0.82	20.14	0.68	7.78	0.88	105.15	1.37	7.32	1.54	20.14	1.09
7	10.15	0.60	100.07	0.70	5.50	0.81	20.55	0.67	10.15	0.88	100.07	1.24	5.50	1.53	20.55	1.05
8	11.20	0.59	117.65	0.69	4.96	0.80	21.40	0.67	11.20	0.87	117.65	1.22	4.96	1.54	21.40	1.05
9	10.93	0.59	157.89	0.69	5.71	0.79	22.69	0.65	10.93	0.85	157.89	1.20	5.71	1.54	22.69	1.00
10	11.61	0.60	110.49	0.68	10.19	0.78	19.26	0.65	11.61	0.85	110.49	1.21	10.19	1.51	19.26	1.00
11	11.36	0.59	111.30	0.67	4.51	0.77	18.66	0.65	11.36	0.85	111.30	1.20	4.51	1.29	18.66	1.00
12	10.63	0.59	146.56	0.66	8.57	0.75	23.47	0.63	10.63	0.85	146.56	1.19	8.57	1.28	23.47	0.99
13	8.71	0.57	132.17	0.63	9.45	0.75	19.54	0.63	8.71	0.82	132.17	1.17	9.45	1.28	19.54	0.99
14	9.07	0.56	142.95	0.63	12.09	0.75	24.95	0.63	9.07	0.81	142.95	1.16	12.09	1.29	24.95	0.98
15	10.60	0.55	98.50	0.63	19.16	0.73	19.62	0.62	10.60	0.81	98.50	1.13	19.16	1.25	19.62	0.98
16	8.91	0.54	142.02	0.62	19.16	0.73	19.62	0.62	8.91	0.81	142.02	1.11	19.16	1.25	19.62	0.98
17	4.45	0.54	132.11	0.63	19.16	0.73	19.62	0.62	4.45	0.81	132.11	1.11	19.16	1.25	19.62	0.98
18	3.17	0.55	132.11	0.63	19.16	0.73	19.62	0.62	3.17	0.81	132.11	1.11	19.16	1.25	19.62	0.98
19	3.73	0.55	132.11	0.63	19.16	0.73	19.62	0.62	3.73	0.81	132.11	1.11	19.16	1.25	19.62	0.98
20	5.53	0.54	132.11	0.62	19.16	0.73	19.62	0.62	5.53	0.80	132.11	1.10	19.16	1.25	19.62	0.98
21	5.53	0.54	132.11	0.62	19.16	0.73	19.62	0.62	5.53	0.80	132.11	1.10	19.16	1.25	19.62	0.98
22	8.53	0.52	118.64	0.61	12.32	0.70	20.73	0.59	8.53	0.77	118.64	1.04	12.32	1.17	20.73	0.93

RATING: AK

TIME	I				II				III				IV				I				II				III				IV			
	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p
1	8.50	1.00	70.27	1.15	7.09	1.33	13.07	1.15	8.50	1.33	90.62	1.73	7.09	1.33	90.62	1.73	7.09	1.33	90.62	1.73	7.09	1.33	90.62	1.73	7.09	1.33	90.62	1.73	7.09	1.33	90.62	1.73
2	8.97	1.01	90.87	1.14	6.37	1.32	18.60	1.14	8.97	1.32	96.97	1.71	6.37	1.32	96.97	1.71	6.37	1.32	96.97	1.71	6.37	1.32	96.97	1.71	6.37	1.32	96.97	1.71	6.37	1.32	96.97	1.71
3	10.05	1.01	97.88	1.14	5.95	1.32	18.79	1.14	10.05	1.32	97.88	1.71	5.95	1.32	97.88	1.71	5.95	1.32	97.88	1.71	5.95	1.32	97.88	1.71	5.95	1.32	97.88	1.71	5.95	1.32	97.88	1.71
4	11.74	1.01	97.86	1.14	5.95	1.32	18.79	1.14	11.74	1.32	97.86	1.71	5.95	1.32	97.86	1.71	5.95	1.32	97.86	1.71	5.95	1.32	97.86	1.71	5.95	1.32	97.86	1.71	5.95	1.32	97.86	1.71
5	12.74	1.01	90.57	1.14	5.74	1.32	19.36	1.14	12.74	1.32	90.57	1.71	5.74	1.32	90.57	1.71	5.74	1.32	90.57	1.71	5.74	1.32	90.57	1.71	5.74	1.32	90.57	1.71	5.74	1.32	90.57	1.71
6	13.05	1.00	80.44	1.13	5.07	1.30	20.90	1.13	13.05	1.30	80.44	1.69	5.07	1.30	80.44	1.69	5.07	1.30	80.44	1.69	5.07	1.30	80.44	1.69	5.07	1.30	80.44	1.69	5.07	1.30	80.44	1.69
7	14.65	1.00	90.80	1.13	4.21	1.30	20.90	1.13	14.65	1.30	90.80	1.69	4.21	1.30	90.80	1.69	4.21	1.30	90.80	1.69	4.21	1.30	90.80	1.69	4.21	1.30	90.80	1.69	4.21	1.30	90.80	1.69
8	17.57	1.00	67.6	1.12	4.35	1.30	20.89	1.12	17.57	1.30	67.6	1.68	4.35	1.30	67.6	1.68	4.35	1.30	67.6	1.68	4.35	1.30	67.6	1.68	4.35	1.30	67.6	1.68	4.35	1.30	67.6	1.68
9	23.02	0.99	42.6	1.12	5.17	1.30	24.92	1.12	23.02	1.30	42.6	1.68	5.17	1.30	42.6	1.68	5.17	1.30	42.6	1.68	5.17	1.30	42.6	1.68	5.17	1.30	42.6	1.68	5.17	1.30	42.6	1.68
10	31.03	0.99	125.09	1.09	7.77	1.26	33.36	1.09	31.03	1.26	125.09	1.65	7.77	1.26	125.09	1.65	7.77	1.26	125.09	1.65	7.77	1.26	125.09	1.65	7.77	1.26	125.09	1.65	7.77	1.26	125.09	1.65
11	31.03	1.01	93.28	1.15	6.49	1.32	27.09	1.15	31.03	1.32	93.28	1.73	6.49	1.32	93.28	1.73	6.49	1.32	93.28	1.73	6.49	1.32	93.28	1.73	6.49	1.32	93.28	1.73	6.49	1.32	93.28	1.73
12	13.75	1.01	81.95	1.15	6.49	1.32	17.49	1.15	13.75	1.32	81.95	1.73	6.49	1.32	81.95	1.73	6.49	1.32	81.95	1.73	6.49	1.32	81.95	1.73	6.49	1.32	81.95	1.73	6.49	1.32	81.95	1.73
13	15.09	0.99	67.97	1.11	5.78	1.31	17.49	1.11	15.09	1.31	67.97	1.69	5.78	1.31	67.97	1.69	5.78	1.31	67.97	1.69	5.78	1.31	67.97	1.69	5.78	1.31	67.97	1.69	5.78	1.31	67.97	1.69
14	26.64	0.99	89.93	1.10	6.04	1.29	23.91	1.10	26.64	1.29	89.93	1.68	6.04	1.29	89.93	1.68	6.04	1.29	89.93	1.68	6.04	1.29	89.93	1.68	6.04	1.29	89.93	1.68	6.04	1.29	89.93	1.68
15	13.24	1.00	91.83	1.12	6.04	1.29	17.52	1.12	13.24	1.29	91.83	1.73	6.04	1.29	91.83	1.73	6.04	1.29	91.83	1.73	6.04	1.29	91.83	1.73	6.04	1.29	91.83	1.73	6.04	1.29	91.83	1.73
16	9.61	0.99	88.27	1.09	5.42	1.26	14.40	1.09	9.61	1.26	88.27	1.68	5.42	1.26	88.27	1.68	5.42	1.26	88.27	1.68	5.42	1.26	88.27	1.68	5.42	1.26	88.27	1.68	5.42	1.26	88.27	1.68
17	26.10	0.95	84.84	1.07	5.42	1.26	14.40	1.07	26.10	1.26	84.84	1.68	5.42	1.26	84.84	1.68	5.42	1.26	84.84	1.68	5.42	1.26	84.84	1.68	5.42	1.26	84.84	1.68	5.42	1.26	84.84	1.68
18	13.49	0.93	110.89	1.07	6.25	1.30	15.89	1.07	13.49	1.30	110.89	1.73	6.25	1.30	110.89	1.73	6.25	1.30	110.89	1.73	6.25	1.30	110.89	1.73	6.25	1.30	110.89	1.73	6.25	1.30	110.89	1.73
19	7.93	0.95	84.51	1.11	9.55	1.28	14.54	1.11	7.93	1.28	84.51	1.73	9.55	1.28	84.51	1.73	9.55	1.28	84.51	1.73	9.55	1.28	84.51	1.73	9.55	1.28	84.51	1.73	9.55	1.28	84.51	1.73
20	7.93	1.07	11.33	1.07	11.33	1.25	15.57	1.07	7.93	1.25	11.33	1.73	11.33	1.25	11.33	1.73	11.33	1.25	11.33	1.73	11.33	1.25	11.33	1.73	11.33	1.25	11.33	1.73	11.33	1.25	11.33	1.73
21	7.93	0.90	84.65	1.06	9.32	1.22	14.37	1.06	7.93	1.22	84.65	1.68	9.32	1.22	84.65	1.68	9.32	1.22	84.65	1.68	9.32	1.22	84.65	1.68	9.32	1.22	84.65	1.68	9.32	1.22	84.65	1.68
22	7.93	0.90	84.65	1.06	9.32	1.22	14.37	1.06	7.93	1.22	84.65	1.68	9.32	1.22	84.65	1.68	9.32	1.22	84.65	1.68	9.32	1.22	84.65	1.68	9.32	1.22	84.65	1.68	9.32	1.22	84.65	1.68

RATING : AM

TIME	I		II		III		IV		I		II		III		IV	
	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p	Q	w _b /w _p
1	5.88	0.46	100.83	0.51	8.38	0.62	21.69	0.52	5.88	0.66	100.83	0.89	8.38	1.00	21.68	0.78
2	4.51	0.46	106.36	0.51	7.50	0.62	20.81	0.52	4.51	0.66	106.36	0.88	7.50	0.98	20.81	0.78
3	4.60	0.46	101.76	0.51	6.97	0.62	19.80	0.52	4.60	0.66	101.76	0.89	6.97	0.99	19.80	0.78
4	6.14	0.46	87.03	0.53	5.78	0.62	18.63	0.52	6.14	0.67	87.03	0.91	5.78	1.01	18.63	0.81
5	7.17	0.46	84.32	0.53	6.16	0.62	19.78	0.52	7.17	0.67	84.32	0.91	6.16	1.01	19.78	0.81
6	7.69	0.46	83.61	0.53	7.06	0.61	23.25	0.52	7.69	0.68	83.61	0.89	7.06	0.99	23.25	0.80
7	8.29	0.46	90.57	0.52	7.98	0.61	23.22	0.51	8.29	0.67	90.57	0.89	7.98	0.99	23.22	0.80
8	8.96	0.45	75.15	0.51	6.83	0.59	19.72	0.50	8.96	0.65	75.15	0.87	6.83	0.98	19.72	0.79
9	12.75	0.43	92.36	0.50	6.00	0.57	21.58	0.49	12.75	0.63	92.36	0.85	6.00	0.94	21.58	0.76
10	19.64	0.42	142.36	0.49	5.51	0.56	20.42	0.47	19.64	0.62	142.36	0.83	5.51	0.90	20.42	0.73
11	13.08	0.43	116.20	0.49	5.71	0.56	20.42	0.48	13.08	0.62	116.20	0.83	5.71	0.86	20.42	0.72
12	10.56	0.42	70.16	0.49	5.59	0.56	15.55	0.48	10.56	0.62	70.16	0.77	5.59	0.86	15.55	0.71
13	12.55	0.42	70.16	0.49	7.34	0.57	15.55	0.48	12.55	0.62	70.16	0.77	7.34	0.87	15.55	0.72
14	8.74	0.41	132.31	0.48	6.91	0.55	22.46	0.47	8.74	0.61	132.31	0.75	6.91	0.85	22.46	0.70
15	8.74	0.41	132.31	0.48	6.91	0.55	22.46	0.47	8.74	0.61	132.31	0.75	6.91	0.85	22.46	0.70
16	7.00	0.41	91.37	0.47	6.24	0.54	11.64	0.46	7.00	0.60	91.37	0.72	6.24	0.84	11.64	0.70
17	8.69	0.40	90.32	0.46	10.27	0.54	14.16	0.45	8.69	0.59	90.32	0.72	10.27	0.84	14.16	0.69
18	11.09	0.40	136.33	0.46	10.27	0.53	19.62	0.45	11.09	0.60	136.33	0.72	10.27	0.82	19.62	0.68
19	17.93	0.40	183.41	0.46	9.06	0.54	13.08	0.46	17.93	0.60	183.41	0.72	9.06	0.82	13.08	0.68
20	3.59	0.40	116.46	0.45	11.94	0.53	15.22	0.45	3.59	0.60	116.46	0.72	11.94	0.84	15.22	0.70
21	3.11	0.39	88.60	0.45	11.33	0.53	13.22	0.45	3.11	0.59	88.60	0.71	11.33	0.84	13.22	0.68
22	5.63	0.36	88.46	0.44	11.92	0.51	14.88	0.45	5.63	0.57	88.46	0.69	11.92	0.80	14.88	0.66

AO

RATING:

TIME	I				II				III				IV			
	Q		w _B /w _p		Q		w _B /w _p		Q		w _B /w _p		Q		w _B /w _p	
	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p
1	6.02	0.68	115.95	0.79	9.86	0.93	33.70	0.78	9.86	0.97	115.95	1.33	9.86	1.50	33.70	1.22
2	5.30	0.68	111.76	0.79	10.91	0.94	32.18	0.81	10.91	0.97	111.76	1.40	10.91	1.54	32.18	1.25
3	5.44	0.69	110.01	0.81	10.72	0.95	28.96	0.82	10.72	0.98	110.01	1.48	10.72	1.60	28.96	1.29
4	6.42	0.70	110.71	0.82	9.29	0.96	24.03	0.82	9.29	1.02	110.71	1.58	9.29	1.68	24.03	1.33
5	7.00	0.70	103.12	0.83	8.71	0.96	19.87	0.81	8.71	0.99	103.12	1.56	8.71	1.67	19.87	1.31
6	7.17	0.68	87.23	0.79	8.00	0.92	15.87	0.78	8.00	0.97	87.23	1.44	8.00	1.56	15.87	1.23
7	7.99	0.67	75.51	0.77	7.40	0.90	14.27	0.76	7.40	0.97	75.51	1.37	7.40	1.51	14.27	1.19
8	9.46	0.66	67.96	0.76	5.50	0.88	14.80	0.74	5.50	0.97	67.96	1.35	5.50	1.48	14.80	1.19
9	13.59	0.63	53.13	0.76	5.72	0.89	19.65	0.74	5.72	0.92	53.13	1.32	5.72	1.48	19.65	1.17
10	20.39	0.64	41.40	0.74	7.33	0.86	28.65	0.71	7.33	0.94	41.40	1.24	7.33	1.41	28.65	1.11
11	24.15	0.64	37.64	0.75	7.37	0.86	15.93	0.72	7.37	0.94	37.64	1.24	7.37	1.41	15.93	1.11
12	28.39	0.65	32.16	0.75	6.83	0.87	12.74	0.73	6.83	0.93	32.16	1.24	6.83	1.45	12.74	1.12
13	32.39	0.64	28.21	0.74	7.76	0.87	14.22	0.73	7.76	0.93	28.21	1.26	7.76	1.41	14.22	1.12
14	36.61	0.62	138.21	0.74	5.73	0.85	23.93	0.72	5.73	0.92	138.21	1.26	5.73	1.36	23.93	1.09
15	40.33	0.61	105.53	0.74	7.36	0.85	15.49	0.72	7.36	0.92	105.53	1.30	7.36	1.40	15.49	1.11
16	44.37	0.61	88.35	0.72	9.87	0.84	12.17	0.74	9.87	0.90	88.35	1.23	9.87	1.45	12.17	1.15
17	48.37	0.61	88.35	0.72	11.07	0.84	14.20	0.67	11.07	0.90	88.35	1.23	11.07	1.37	14.20	1.09
18	52.37	0.59	108.02	0.68	10.49	0.80	20.47	0.67	10.49	0.88	108.02	1.19	10.49	1.32	20.47	1.05
19	56.96	0.59	108.02	0.68	10.49	0.80	12.01	0.67	10.49	0.88	108.02	1.19	10.49	1.32	12.01	1.05
20	61.18	0.56	118.56	0.67	7.90	0.82	13.71	0.69	7.90	0.90	118.56	1.11	7.90	1.24	13.71	1.01
21	65.32	0.59	119.41	0.68	12.91	0.80	15.75	0.67	12.91	0.88	119.41	1.07	12.91	1.25	15.75	1.01
22	69.49	0.56	111.92	0.65	11.95	0.77	15.75	0.64	11.95	0.84	111.92	1.03	11.95	1.20	15.75	0.97

RATING : AO

TIME	I				II				III				IV			
	Q		w _B /w _p		Q		w _B /w _p		Q		w _B /w _p		Q		w _B /w _p	
	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p	Q	w _B /w _p
1	2.02	0.35	78.73	0.38	8.02	0.46	22.02	0.39	8.02	0.50	78.73	0.72	8.02	0.60	22.02	0.64
2	1.94	0.34	63.57	0.39	8.21	0.46	18.87	0.39	8.21	0.49	63.57	0.76	8.21	0.62	18.87	0.66
3	2.31	0.34	46.02	0.39	6.56	0.45	15.86	0.39	6.56	0.50	46.02	0.81	6.56	0.65	15.86	0.69
4	4.15	0.34	41.10	0.39	5.91	0.45	12.98	0.40	5.91	0.50	41.10	0.85	5.91	0.67	12.98	0.72
5	5.30	0.35	31.26	0.40	6.26	0.45	11.02	0.40	6.26	0.51	31.26	0.79	6.26	0.68	11.02	0.69
6	6.03	0.35	32.14	0.40	6.70	0.46	9.99	0.42	6.70	0.52	32.14	0.76	6.70	0.68	9.99	0.68
7	4.76	0.36	41.58	0.40	7.23	0.46	10.02	0.42	7.23	0.52	41.58	0.76	7.23	0.68	10.02	0.68
8	5.56	0.36	50.74	0.40	9.79	0.46	11.60	0.41	9.79	0.52	50.74	0.73	9.79	0.68	11.60	0.68
9	3.64	0.34	59.31	0.39	13.77	0.45	14.40	0.40	13.77	0.52	59.31	0.73	13.77	0.65	14.40	0.65
10	3.66	0.35	50.74	0.41	13.61	0.45	12.99	0.41	13.61	0.52	50.74	0.73	13.61	0.65	12.99	0.65
11	3.03	0.33	65.95	0.40	15.93	0.43	13.99	0.39	15.93	0.51	65.95	0.69	15.93	0.64	13.99	0.64
12	6.31	0.34	76.84	0.38	15.25	0.43	17.73	0.40	15.25	0.49	76.84	0.59	15.25	0.59	17.73	0.59
13	4.54	0.34	45.01	0.38	16.75	0.44	17.73	0.40	16.75	0.50	45.01	0.59	16.75	0.59	17.73	0.59
14	3.18	0.34	39.99	0.37	19.48	0.44	13.67	0.41	19.48	0.50	39.99	0.58	19.48	0.62	13.67	0.62
15	2.60	0.33	57.87	0.36	22.23	0.43	12.07	0.40	22.23	0.50	57.87	0.58	22.23	0.61	12.07	0.61
16	2.72	0.34	67.87	0.38	22.23	0.43	18.17	0.41	22.23	0.51	67.87	0.57	22.23	0.59	18.17	0.59
17	7.30	0.36	79.43	0.40	22.71	0.47	18.17	0.41	22.71	0.51	79.43	0.60	22.71	0.62	18.17	0.62
18	2.71	0.34	79.43	0.40	22.71	0.47	17.53	0.43	22.71	0.50	79.43	0.58	22.71	0.61	17.53	0.61
19	3.85	0.37	47.24	0.35	27.17	0.44	24.18	0.43	27.17	0.50	47.24	0.54	27.17	0.66	24.18	0.66
20	11.19	0.31	47.24	0.35	27.17	0.44	24.18	0.43	27.17	0.50	47.24	0.54	27.17	0.66	24.18	0.66
21	11.19	0.31	47.24	0.35	27.17	0.44	24.18	0.43	27.17	0.50	47.24	0.54	27.17	0.66	24.18	0.66
22	11.19	0.31	47.24	0.35	27.17	0.44	24.18	0.43	27.17	0.50	47.24	0.54	27.17	0.66	24.18	0.66

TIME	RATING: AT											
	I			II			III			IV		
	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p
1	5.12	0.50	101.61	0.56	8.04	0.67	29.20	0.57	5.32	0.72	103.61	1.01
2	5.51	0.51	94.70	0.57	8.29	0.67	27.15	0.58	5.13	0.72	95.70	1.01
3	5.55	0.51	84.32	0.58	8.16	0.68	27.15	0.59	5.55	0.76	89.12	1.01
4	6.08	0.52	69.45	0.60	7.21	0.70	18.55	0.61	6.55	0.76	69.45	1.01
5	6.33	0.52	58.76	0.59	6.69	0.66	14.84	0.60	6.98	0.76	58.76	1.01
6	7.23	0.53	47.85	0.57	6.74	0.65	12.50	0.57	7.23	0.73	47.85	1.01
7	8.13	0.53	45.54	0.57	7.12	0.65	11.50	0.56	7.23	0.73	45.54	1.01
8	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
9	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
10	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
11	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
12	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
13	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
14	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
15	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
16	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
17	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
18	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
19	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
20	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
21	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01
22	9.22	0.53	39.61	0.57	9.15	0.65	13.29	0.57	8.85	0.73	42.86	1.01

RATING : AW

TIME	RATING : AW											
	I			II			III			IV		
	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p
1	11.19	0.55	96.52	0.63	7.84	0.77	24.88	0.65	11.19	0.79	90.52	1.20
2	8.12	0.54	102.37	0.63	10.02	0.75	22.96	0.64	8.12	0.77	102.37	1.20
3	4.80	0.54	86.14	0.63	7.25	0.75	15.48	0.63	4.80	0.77	86.14	1.20
4	5.75	0.53	83.86	0.62	7.35	0.74	14.49	0.61	5.75	0.77	83.86	1.20
5	8.94	0.52	82.61	0.62	7.62	0.73	15.03	0.60	8.94	0.76	82.61	1.20
6	9.22	0.52	76.43	0.61	7.17	0.72	14.28	0.59	9.22	0.75	76.43	1.20
7	8.46	0.52	76.43	0.61	7.17	0.72	14.28	0.59	8.46	0.75	76.43	1.20
8	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
9	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
10	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
11	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
12	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
13	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
14	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
15	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
16	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
17	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
18	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
19	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
20	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
21	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20
22	4.45	0.51	54.39	0.60	5.01	0.69	9.04	0.58	4.45	0.74	54.39	1.20

time	RATING: AC							
	I		II		III		IV	
	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p
1	5.46	0.41	91.66	0.70	11.51	0.82	18.62	0.68
2	4.39	0.61	65.35	0.71	12.03	0.81	19.56	0.68
3	4.92	0.61	98.08	0.71	13.02	0.81	20.00	0.68
4	7.17	0.61	89.83	0.71	14.51	0.80	19.99	0.68
5	8.62	0.61	84.56	0.70	13.73	0.80	20.20	0.68
6	7.75	0.61	82.27	0.70	9.17	0.79	20.57	0.69
7	9.63	0.60	81.09	0.70	7.75	0.79	21.10	0.68
8	9.67	0.61	81.00	0.69	8.92	0.79	20.85	0.69
9	8.45	0.60	97.35	0.69	9.13	0.78	19.83	0.67
10	7.19	0.60	130.14	0.68	5.40	0.77	18.67	0.66
11	13.47	0.60	85.86	0.69	5.76	0.77	14.89	0.66
12	9.13	0.57	129.62	0.67	5.76	0.76	16.30	0.66
13	10.92	0.57	76.37	0.67	10.85	0.75	25.33	0.65
14	14.64	0.57	166.83	0.65	14.68	0.75	19.82	0.65
15	11.94	0.57	106.84	0.65	11.54	0.75	18.18	0.65
16	9.96	0.57	99.52	0.65	11.55	0.75	18.18	0.65
17	11.43	0.57	136.52	0.65	12.82	0.75	21.60	0.65
18	7.14	0.56	150.09	0.64	15.09	0.74	24.41	0.65
19	8.20	0.57	139.73	0.64	23.56	0.75	23.84	0.65
20	4.27	0.57	171.14	0.64	17.85	0.75	21.24	0.65
21	4.27	0.55	171.14	0.64	17.85	0.75	21.24	0.65
22	12.55	0.55	51.76	0.62	18.79	0.72	18.79	0.62

time	RATING: BW							
	I		II		III		IV	
	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p	Q	w_b/w_p
1	25.10	0.47	118.44	0.47	10.49	0.68	45.09	0.83
2	26.43	0.46	107.43	0.47	9.53	0.66	38.70	0.88
3	23.71	0.47	95.88	0.47	8.77	0.66	32.77	0.88
4	16.90	0.47	92.16	0.50	8.20	0.69	27.32	0.92
5	22.09	0.46	92.29	0.50	7.99	0.69	26.53	0.87
6	24.92	0.46	97.71	0.50	8.01	0.69	26.53	0.87
7	36.91	0.47	75.41	0.50	8.02	0.68	27.37	0.85
8	63.20	0.47	102.78	0.50	8.02	0.68	28.37	0.87
9	107.71	0.43	109.81	0.44	7.91	0.65	40.17	0.86
10	37.71	0.48	86.23	0.41	7.91	0.65	40.17	0.86
11	27.08	0.48	86.23	0.41	6.99	0.65	33.73	0.83
12	44.91	0.46	72.42	0.49	6.99	0.65	33.73	0.83
13	63.78	0.45	59.45	0.48	5.95	0.67	22.47	0.80
14	23.12	0.46	71.81	0.50	5.95	0.67	22.47	0.80
15	27.24	0.46	31.33	0.50	6.93	0.67	27.10	0.78
16	30.74	0.44	54.88	0.47	7.44	0.68	12.92	0.86
17	59.03	0.42	77.55	0.46	7.77	0.68	12.92	0.86
18	50.73	0.42	77.55	0.46	10.51	0.67	17.85	0.86
19	12.85	0.45	101.23	0.47	9.32	0.67	32.32	0.78
20	9.99	0.42	86.02	0.45	9.41	0.67	26.43	0.80
21	27.70	0.41	115.65	0.44	8.21	0.61	18.15	0.75
22					11.44	0.61	29.30	0.74

RATING: BT

TIME	I				II				III				IV			
	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P
1	13.75	0.44	118.52	0.51	12.00	0.61	27.38	0.49	13.75	0.62	118.52	0.96	12.00	1.05	27.38	0.76
2	14.66	0.44	118.20	0.51	11.57	0.60	26.49	0.49	14.66	0.61	118.20	1.01	11.57	1.07	26.49	0.76
3	14.34	0.43	108.47	0.51	11.12	0.60	24.75	0.48	14.34	0.61	108.47	1.06	11.12	1.11	24.75	0.78
4	12.79	0.43	90.20	0.51	10.67	0.60	22.18	0.48	12.79	0.62	90.20	1.17	10.67	1.16	22.18	0.80
5	12.29	0.43	87.27	0.50	10.92	0.61	22.61	0.48	12.29	0.63	87.27	1.01	10.92	1.11	22.61	0.83
6	12.83	0.43	99.27	0.51	11.48	0.61	26.05	0.48	12.83	0.62	99.27	1.01	11.48	1.11	26.05	0.78
7	11.66	0.43	86.97	0.50	11.09	0.60	26.09	0.47	11.66	0.62	86.97	0.97	11.09	1.08	26.09	0.76
8	14.75	0.42	96.62	0.50	10.35	0.60	27.74	0.47	14.75	0.62	96.62	0.97	10.35	1.07	27.74	0.75
9	17.50	0.42	107.32	0.49	9.35	0.59	25.10	0.46	17.50	0.61	107.32	0.96	9.35	1.06	25.10	0.73
10	17.41	0.41	177.34	0.48	8.68	0.57	33.19	0.46	17.41	0.60	177.34	0.94	8.68	1.03	33.19	0.71
11	17.04	0.42	122.33	0.49	6.10	0.58	24.10	0.45	17.04	0.61	122.33	0.94	6.10	1.06	24.10	0.72
12	17.71	0.41	151.94	0.48	6.10	0.58	23.38	0.45	17.71	0.60	151.94	0.93	6.10	1.03	23.38	0.71
13	17.18	0.40	110.84	0.48	11.77	0.55	22.99	0.44	17.18	0.58	110.84	0.91	11.77	1.01	22.99	0.70
14	10.76	0.39	164.99	0.47	11.77	0.54	30.70	0.43	10.76	0.57	164.99	0.91	11.77	0.99	30.70	0.68
15	17.44	0.39	113.13	0.48	9.40	0.54	20.56	0.44	17.44	0.58	113.13	0.95	9.40	1.08	20.56	0.71
16	17.42	0.39	116.36	0.47	8.61	0.54	18.34	0.43	17.42	0.57	116.36	0.92	8.61	1.08	18.34	0.71
17	17.62	0.38	165.53	0.45	10.27	0.52	26.69	0.43	17.62	0.56	165.53	0.91	10.27	1.05	26.69	0.73
18	18.21	0.39	125.11	0.44	8.64	0.53	17.57	0.43	18.21	0.59	125.11	0.92	8.64	1.08	17.57	0.72
19	4.82	0.38	124.45	0.43	12.25	0.52	17.51	0.42	4.82	0.57	124.45	0.90	12.25	1.06	17.51	0.71
20	4.50	0.38	122.17	0.42	13.14	0.52	18.08	0.42	4.50	0.56	122.17	0.90	13.14	1.06	18.08	0.70
21	5.58	0.37	146.12	0.43	10.83	0.51	15.92	0.41	5.58	0.55	146.12	0.84	10.83	1.03	15.92	0.69

RATING: OS

TIME	I				II				III				IV			
	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P	Q	w_B/w_P
1	1.46	0.50	2.97	0.57	22.00	0.65	14.85	0.62	1.46	0.72	22.00	0.97	22.00	1.05	14.85	0.95
2	1.41	0.50	4.17	0.57	22.49	0.66	14.56	0.61	1.41	0.71	22.49	1.01	22.49	1.01	14.56	0.97
3	3.67	0.50	5.36	0.57	25.41	0.66	19.42	0.60	3.67	0.71	25.41	1.05	25.41	1.11	19.42	0.99
4	3.15	0.50	4.01	0.56	23.90	0.66	16.18	0.60	3.15	0.74	23.90	1.09	23.90	1.15	16.18	1.01
5	3.35	0.50	4.13	0.56	23.10	0.67	15.61	0.60	3.35	0.74	23.10	1.08	23.10	1.14	15.61	0.96
6	3.35	0.50	4.13	0.56	23.10	0.67	15.61	0.60	3.35	0.74	23.10	1.08	23.10	1.09	15.61	0.94
7	4.79	0.50	9.00	0.57	21.14	0.68	13.55	0.60	4.79	0.74	21.14	0.98	21.14	1.10	13.55	0.94
8	4.79	0.50	9.00	0.57	22.04	0.67	14.68	0.59	4.79	0.74	22.04	0.97	22.04	1.10	14.68	0.90
9	4.79	0.50	9.00	0.57	25.89	0.67	11.80	0.58	4.79	0.73	25.89	0.98	25.89	1.08	14.68	0.90
10	4.41	0.50	9.52	0.57	20.07	0.66	11.80	0.58	4.41	0.73	20.07	1.06	20.07	1.06	11.80	0.90
11	1.87	0.72	10.61	0.83	22.99	0.91	11.65	0.80	1.87	1.07	22.99	1.42	22.99	1.54	11.65	1.29
12	5.75	0.70	6.19	0.79	25.68	0.90	13.10	0.80	5.75	1.03	25.68	1.44	25.68	1.59	13.10	1.29
13	7.09	0.70	18.70	0.79	15.03	0.88	11.32	0.78	7.09	1.03	15.03	1.42	15.03	1.59	15.03	1.27
14	6.45	0.68	1.00	0.68	11.50	0.87	6.45	0.77	6.45	1.00	11.50	1.36	11.50	1.57	11.32	1.27
15	6.51	0.67	2.70	0.75	14.39	0.87	14.39	0.77	6.51	1.00	14.39	1.42	14.39	1.56	14.39	1.26
16	6.51	0.67	4.12	0.75	19.46	0.87	19.46	0.77	6.51	1.00	19.46	1.39	19.46	1.59	19.46	1.28
17	6.51	0.67	5.79	0.75	15.48	0.85	15.48	0.75	6.51	1.00	15.48	1.39	15.48	1.59	15.48	1.28
18	6.45	0.67	1.00	0.67	27.84	0.85	15.48	0.75	6.45	1.00	27.84	1.39	27.84	1.59	15.48	1.28
19	6.45	0.67	5.79	0.75	21.64	0.85	16.55	0.76	6.45	1.01	21.64	1.39	21.64	1.59	16.55	1.28
20	2.55	0.56	6.15	0.62	24.50	0.70	12.87	0.63	2.55	0.85	24.50	1.29	24.50	1.43	12.87	1.15
21	1.78	0.56	3.06	0.61	20.10	0.68	12.40	0.62	1.78	0.84	20.10	1.27	20.10	1.43	12.40	1.15
22	1.40	0.55	3.06	0.61	20.10	0.68	12.40	0.62	1.40	0.84	20.10	1.27	20.10	1.43	12.40	1.15

RATING: BU

TIME	I		II		III		IV		I		II		III		IV	
	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P
1	24.01	0.35	71.20	0.46	7.60	0.54	21.69	0.43	24.01	0.53	71.20	0.74	7.60	0.84	21.69	0.63
2	20.02	0.37	69.10	0.45	5.57	0.53	18.04	0.43	20.02	0.52	69.10	0.81	5.57	0.89	18.04	0.65
3	15.49	0.37	74.09	0.44	4.68	0.53	16.03	0.43	15.49	0.53	74.09	0.87	4.68	0.94	16.03	0.67
4	10.42	0.37	86.14	0.43	4.91	0.54	15.64	0.43	10.42	0.54	86.18	0.90	4.91	0.98	15.64	0.69
5	9.30	0.37	88.73	0.43	5.09	0.54	16.07	0.43	9.30	0.54	88.73	0.84	5.09	0.93	16.07	0.68
6	12.14	0.37	81.72	0.44	5.21	0.53	17.32	0.43	12.14	0.55	76.73	0.84	5.21	0.92	17.32	0.68
7	13.62	0.37	76.73	0.44	5.58	0.54	18.40	0.44	13.62	0.55	73.76	0.84	5.58	0.92	18.40	0.69
8	16.77	0.39	73.76	0.45	6.21	0.54	19.30	0.44	16.77	0.56	70.58	0.84	6.21	0.92	19.30	0.69
9	18.49	0.39	90.58	0.45	6.54	0.54	21.09	0.44	18.49	0.57	90.58	0.84	6.54	0.92	21.09	0.68
10	19.77	0.39	127.17	0.46	6.70	0.54	23.76	0.44	19.77	0.57	109.09	0.84	6.70	0.91	23.76	0.66
11	14.47	0.38	109.09	0.46	8.59	0.52	17.84	0.44	14.47	0.57	109.09	0.84	8.59	0.91	17.84	0.65
12	12.02	0.38	110.46	0.46	8.55	0.52	14.96	0.44	12.02	0.55	110.46	0.84	8.55	0.91	14.96	0.65
13	17.20	0.38	117.57	0.46	9.50	0.52	14.96	0.44	17.20	0.55	117.57	0.84	9.50	0.91	14.96	0.65
14	15.80	0.38	127.44	0.46	12.10	0.51	21.58	0.43	15.80	0.56	127.44	0.84	12.10	0.91	21.58	0.63
15	10.72	0.38	131.41	0.46	12.10	0.51	20.03	0.43	10.72	0.56	131.41	0.84	12.10	0.91	20.03	0.63
16	9.14	0.38	131.41	0.46	12.10	0.51	20.03	0.43	9.14	0.56	131.41	0.84	12.10	0.91	20.03	0.63
17	8.15	0.38	131.41	0.46	12.10	0.51	20.03	0.43	8.15	0.56	131.41	0.84	12.10	0.91	20.03	0.63
18	6.89	0.37	137.50	0.47	14.06	0.52	22.04	0.43	6.89	0.57	137.50	0.84	14.06	0.91	22.04	0.65
19	4.54	0.38	137.50	0.47	14.06	0.52	22.04	0.43	4.54	0.57	137.50	0.84	14.06	0.91	22.04	0.65
20	2.34	0.39	137.50	0.47	14.06	0.52	22.04	0.43	2.34	0.60	137.50	0.84	14.06	0.91	22.04	0.65
21	6.55	0.37	140.96	0.47	17.93	0.50	14.88	0.44	6.55	0.55	140.96	0.84	17.93	0.91	14.88	0.68
22	1.24	0.35	140.96	0.47	17.93	0.50	22.60	0.44	1.24	0.55	140.96	0.84	17.93	0.91	22.60	0.68

RATING: DP

TIME	I		II		III		IV		I		II		III		IV	
	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P
1	12.67	0.52	95.83	0.60	10.05	0.72	21.07	0.60	12.67	0.74	95.83	1.03	10.05	1.17	21.07	0.91
2	13.42	0.52	97.65	0.60	13.05	0.72	21.07	0.60	13.42	0.74	97.65	1.03	13.05	1.17	21.07	0.91
3	12.59	0.52	96.36	0.61	12.59	0.72	20.07	0.60	12.59	0.75	96.36	1.07	12.59	1.21	20.07	0.93
4	10.13	0.53	92.00	0.61	8.72	0.72	18.09	0.60	10.13	0.77	92.00	1.12	8.72	1.21	18.09	0.93
5	9.68	0.52	93.43	0.61	8.04	0.72	17.48	0.60	9.68	0.77	93.43	1.16	8.04	1.25	17.48	0.95
6	11.35	0.52	97.14	0.60	7.60	0.70	18.24	0.59	11.35	0.76	97.14	1.01	7.60	1.13	18.24	0.91
7	8.85	0.52	92.09	0.57	7.60	0.70	17.97	0.58	8.85	0.75	92.09	1.01	7.60	1.13	17.97	0.89
8	11.40	0.51	124.96	0.57	7.60	0.69	22.41	0.57	11.40	0.74	124.96	0.93	7.60	1.07	22.41	0.86
9	6.14	0.49	124.96	0.56	9.69	0.66	21.73	0.55	6.14	0.72	124.96	0.86	9.69	1.03	21.73	0.82
10	8.21	0.49	141.17	0.56	11.23	0.65	20.80	0.55	8.21	0.71	141.17	0.85	11.23	0.99	20.80	0.82
11	7.12	0.49	141.17	0.56	10.13	0.65	20.80	0.55	7.12	0.71	141.17	0.85	10.13	0.99	20.80	0.82
12	10.76	0.49	159.39	0.57	13.44	0.64	27.89	0.54	10.76	0.70	159.39	0.87	13.44	0.99	27.89	0.80
13	8.70	0.49	159.39	0.57	13.44	0.64	27.89	0.54	8.70	0.71	159.39	0.87	13.44	0.99	27.89	0.80
14	9.09	0.51	126.79	0.59	15.23	0.67	25.14	0.58	9.09	0.74	126.79	0.90	15.23	1.03	25.14	0.87
15	9.50	0.51	126.79	0.59	15.23	0.67	25.14	0.58	9.50	0.74	126.79	0.90	15.23	1.03	25.14	0.87
16	7.02	0.50	133.66	0.58	19.28	0.67	28.92	0.61	7.02	0.73	133.66	0.90	19.28	1.03	28.92	0.86
17	8.22	0.52	133.66	0.58	20.27	0.67	28.92	0.61	8.22	0.74	133.66	0.90	20.27	1.03	28.92	0.87
18	4.22	0.52	162.16	0.61	13.41	0.70	19.74	0.60	4.22	0.74	162.16	0.93	13.41	1.11	19.74	0.93
19	4.40	0.52	162.16	0.61	13.41	0.70	19.74	0.60	4.40	0.74	162.16	0.93	13.41	1.11	19.74	0.93
20	6.92	0.53	194.73	0.61	17.74	0.72	19.10	0.61	6.92	0.79	194.73	0.93	17.74	1.12	19.10	0.92

RATING: DT

TIME	I				II				III				IV			
	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p
1	16.21	0.92	87.67	0.99	15.18	1.16	30.56	1.01	16.71	1.32	87.67	1.54	15.18	1.77	30.56	1.51
2	16.46	0.92	92.14	0.99	20.35	1.15	34.41	1.02	16.86	1.32	92.14	1.69	20.35	1.81	34.41	1.54
3	16.50	0.92	85.00	0.99	12.55	1.15	29.74	1.02	15.90	1.35	83.60	1.69	19.50	1.85	34.13	1.54
4	14.75	0.91	77.43	0.99	9.68	1.13	27.10	1.01	14.75	1.35	70.70	1.75	12.60	1.89	28.74	1.64
5	13.13	0.89	77.43	0.98	10.71	1.11	26.20	0.99	13.13	1.28	77.43	1.66	10.71	1.88	27.10	1.63
6	11.25	0.86	70.26	0.95	10.11	1.09	24.24	0.97	12.03	1.27	74.61	1.60	10.11	1.77	26.10	1.56
7	10.56	0.85	97.77	0.93	6.25	1.06	21.23	0.95	11.45	1.27	70.26	1.55	7.87	1.74	21.23	1.47
8	9.37	0.84	157.14	0.92	5.26	1.03	25.41	0.92	10.56	1.24	97.77	1.52	6.25	1.70	21.62	1.44
9	12.47	0.90	100.00	0.94	10.14	1.03	23.21	0.97	12.47	1.31	100.00	1.50	10.14	1.65	25.41	1.42
10	8.47	0.87	112.28	0.92	11.32	1.01	20.04	0.94	9.40	1.26	112.28	1.42	11.32	1.58	23.21	1.45
11	7.74	0.85	112.28	0.90	11.76	1.01	20.04	0.93	8.47	1.23	112.28	1.38	11.76	1.55	23.03	1.41
12	5.28	0.83	173.77	0.89	14.28	1.02	48.50	0.95	7.74	1.21	173.77	1.34	14.28	1.52	48.50	1.39
13	12.63	0.82	147.86	0.87	12.44	0.98	50.00	0.95	12.63	1.20	147.86	1.33	12.44	1.52	50.00	1.45
14	9.17	0.80	136.64	0.85	9.05	0.97	40.95	0.90	9.17	1.17	136.64	1.30	9.05	1.49	40.95	1.37
15	12.30	0.80	168.28	0.82	23.40	0.93	49.18	0.86	12.30	1.13	168.28	1.27	23.40	1.44	49.18	1.31
16	10.37	0.77	168.28	0.87	13.45	0.93	34.63	0.91	10.37	1.20	168.28	1.35	13.45	1.53	34.63	1.40
17	5.94	0.76	98.28	0.84	13.92	0.93	29.77	0.89	5.94	1.16	98.28	1.26	13.92	1.47	29.77	1.36
18	1.14	0.76	100.59	0.81	12.66	0.92	21.71	0.86	1.14	1.14	100.59	1.26	12.66	1.47	21.71	1.33
19	8.77	0.76	100.59	0.81	12.66	0.92	21.71	0.86	8.77	1.14	100.59	1.26	12.66	1.47	21.71	1.33

RATING: EM

TIME	I				II				III				IV			
	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p	Q	W_b/W_p
1	13.67	0.94	73.53	0.98	17.29	0.45	24.37	0.39	13.67	0.48	73.53	0.71	17.29	0.76	24.37	0.61
2	12.84	0.94	69.74	0.98	18.53	0.44	23.77	0.38	12.84	0.48	69.74	0.73	18.53	0.77	23.77	0.61
3	13.81	0.93	63.08	0.98	17.96	0.44	22.90	0.38	13.81	0.48	63.08	0.75	17.96	0.75	22.90	0.62
4	12.51	0.94	62.08	0.98	16.17	0.44	21.77	0.38	12.51	0.49	62.08	0.79	16.17	0.79	21.77	0.64
5	14.99	0.94	65.04	0.99	15.94	0.45	20.60	0.39	14.99	0.50	65.04	0.75	15.94	0.80	20.60	0.63
6	9.92	0.95	62.41	0.99	17.27	0.45	19.76	0.39	9.92	0.51	62.41	0.75	17.27	0.80	19.76	0.63
7	15.32	0.95	54.86	0.99	16.08	0.46	19.26	0.40	15.32	0.51	54.86	0.75	16.08	0.82	19.26	0.63
8	17.05	0.95	80.43	0.99	14.79	0.47	20.21	0.39	17.05	0.51	80.43	0.75	14.79	0.81	20.21	0.63
9	15.10	0.94	80.43	0.99	15.07	0.46	21.45	0.39	15.10	0.50	80.43	0.75	15.07	0.79	21.45	0.61
10	11.98	0.93	66.48	0.99	17.72	0.45	22.96	0.39	11.98	0.50	66.48	0.75	17.72	0.79	22.96	0.61
11	10.67	0.93	76.21	0.99	16.23	0.46	17.80	0.39	10.67	0.50	76.21	0.74	16.23	0.79	17.80	0.61
12	10.84	0.93	83.55	0.99	15.81	0.43	15.70	0.39	10.84	0.49	83.55	0.68	15.81	0.75	15.70	0.62
13	9.26	0.93	85.17	0.99	13.38	0.44	16.27	0.37	9.26	0.49	85.17	0.68	13.38	0.75	16.27	0.59
14	9.62	0.93	73.95	0.99	14.99	0.45	16.38	0.38	9.62	0.49	73.95	0.69	14.99	0.75	16.38	0.60
15	8.40	0.93	76.02	0.99	13.72	0.45	15.08	0.38	8.40	0.50	76.02	0.69	13.72	0.78	15.08	0.61
16	8.36	0.93	61.54	0.99	12.83	0.45	15.69	0.38	8.36	0.48	61.54	0.69	12.83	0.77	15.69	0.60
17	10.55	0.93	90.35	0.99	17.22	0.45	21.04	0.38	10.55	0.48	90.35	0.67	17.22	0.76	21.04	0.60
18	10.15	0.93	90.35	0.99	17.22	0.45	21.04	0.38	10.15	0.48	90.35	0.67	17.22	0.76	21.04	0.60
19	2.92	0.93	56.96	0.99	14.46	0.45	13.05	0.38	2.92	0.54	56.96	0.65	14.46	0.80	13.05	0.65
20	3.65	0.93	56.96	0.99	14.46	0.45	13.05	0.38	3.65	0.54	56.96	0.65	14.46	0.80	13.05	0.65
21	5.55	0.93	56.96	0.99	14.46	0.45	13.05	0.38	5.55	0.47	56.96	0.65	14.46	0.74	13.05	0.60
22	5.55	0.93	56.96	0.99	22.27	0.41	16.00	0.35	5.55	0.47	56.96	0.62	22.27	0.70	16.00	0.56

RATING: EN

	I				II				III				IV			
	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P
1	15.70	0.39	108.57	0.46	11.75	0.54	28.67	0.46	15.70	0.56	108.57	0.45	11.75	0.92	28.67	0.73
2	16.91	0.41	113.66	0.47	10.91	0.55	28.86	0.47	16.91	0.57	112.66	0.49	10.91	0.96	28.86	0.79
3	14.85	0.42	109.78	0.48	10.01	0.57	26.09	0.49	14.85	0.59	108.78	0.49	10.01	1.01	26.09	0.79
4	7.45	0.42	89.36	0.49	9.12	0.58	17.55	0.50	7.45	0.61	89.36	1.02	9.12	1.07	17.55	0.83
5	4.68	0.41	83.00	0.48	8.41	0.57	17.70	0.49	4.68	0.62	83.00	1.01	8.41	1.07	17.70	0.82
6	10.10	0.41	72.47	0.48	9.11	0.56	18.11	0.47	10.10	0.60	72.47	0.91	9.11	0.99	18.11	0.77
7	11.71	0.42	77.47	0.48	8.15	0.58	19.11	0.49	11.71	0.61	77.47	0.86	8.15	0.96	19.11	0.75
8	17.46	0.41	113.10	0.49	8.24	0.57	25.07	0.47	17.46	0.60	113.10	0.85	8.24	0.96	25.07	0.73
9	28.54	0.39	105.73	0.45	8.14	0.54	37.21	0.44	28.54	0.57	182.73	0.81	8.14	0.89	37.21	0.69
10	14.77	0.37	114.28	0.43	7.43	0.51	24.87	0.43	14.77	0.55	182.80	0.68	7.43	0.78	24.87	0.63
11	11.31	0.37	114.28	0.43	6.90	0.51	16.39	0.42	11.31	0.54	114.28	0.66	6.90	0.77	16.39	0.62
12	13.45	0.36	108.85	0.42	6.73	0.49	21.03	0.41	13.45	0.52	108.85	0.71	6.73	0.79	21.03	0.62
13	18.18	0.36	108.85	0.42	6.73	0.49	27.74	0.40	18.18	0.52	108.85	0.71	6.73	0.81	27.74	0.62
14	13.08	0.35	107.49	0.41	7.14	0.49	16.17	0.41	13.08	0.51	107.49	0.69	7.14	0.82	16.17	0.62
15	8.09	0.35	112.60	0.40	9.10	0.48	16.72	0.40	8.09	0.51	112.60	0.67	9.10	0.80	16.72	0.62
16	10.90	0.33	116.93	0.37	12.73	0.46	21.34	0.37	10.90	0.49	116.93	0.64	12.73	0.75	21.34	0.57
17	18.50	0.33	116.93	0.37	11.73	0.45	30.40	0.38	18.50	0.49	116.93	0.64	11.73	0.77	30.40	0.59
18	6.14	0.33	126.72	0.38	10.18	0.45	19.98	0.40	6.14	0.53	126.72	0.63	10.18	0.72	19.98	0.61
19	3.57	0.31	109.88	0.40	11.24	0.46	16.33	0.40	3.57	0.49	109.88	0.60	11.24	0.73	16.33	0.58
20	8.75	0.31	102.71	0.38	10.75	0.46	16.07	0.38	8.75	0.49	102.71	0.60	10.75	0.73	16.07	0.58
21	2.75	0.29	100.76	0.39	11.11	0.34	19.67	0.28	2.75	0.37	100.76	0.45	11.11	0.54	19.67	0.43

RATING: EO

	I				II				III				IV			
	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P	Q	W _D /W _P
1	24.68	0.42	92.02	0.50	8.51	0.60	21.09	0.51	24.68	0.60	92.02	0.75	8.51	0.90	21.09	0.74
2	24.31	0.41	71.98	0.47	7.95	0.58	19.73	0.49	25.31	0.57	71.98	0.71	7.95	0.86	19.73	0.71
3	21.64	0.40	72.80	0.47	6.96	0.56	17.89	0.49	21.64	0.57	72.80	0.70	6.96	0.86	17.89	0.70
4	13.65	0.41	85.09	0.48	5.13	0.60	15.51	0.50	13.65	0.60	85.09	0.72	5.13	0.90	15.51	0.73
5	11.97	0.41	95.37	0.47	5.29	0.59	16.51	0.49	11.97	0.60	95.37	0.72	5.29	0.90	16.51	0.73
6	16.70	0.39	101.63	0.45	6.27	0.57	23.23	0.46	16.70	0.57	101.63	0.70	6.27	0.87	23.23	0.69
7	22.05	0.39	124.30	0.46	6.42	0.57	23.23	0.46	22.05	0.57	124.30	0.72	6.42	0.87	23.23	0.69
8	28.95	0.41	67.37	0.48	5.75	0.59	21.90	0.48	28.95	0.60	67.37	0.77	5.75	0.90	21.90	0.72
9	12.89	0.38	130.12	0.47	7.11	0.58	18.30	0.43	12.89	0.59	130.12	0.77	7.11	0.90	18.30	0.71
10	11.89	0.41	179.01	0.47	16.51	0.56	18.30	0.46	11.89	0.59	179.01	0.72	16.51	0.83	18.30	0.64
11	15.09	0.40	112.71	0.50	8.6	0.60	14.64	0.49	15.09	0.62	112.71	0.76	8.6	0.90	14.64	0.68
12	16.09	0.38	141.07	0.45	11.90	0.58	21.64	0.43	16.09	0.62	141.07	0.69	11.90	0.81	21.64	0.63
13	18.57	0.39	135.17	0.45	14.73	0.58	25.86	0.43	18.57	0.62	135.17	0.68	14.73	0.81	25.86	0.63
14	18.89	0.43	119.12	0.50	14.35	0.58	24.87	0.44	18.89	0.63	119.12	0.69	14.35	0.91	24.87	0.62
15	15.33	0.39	118.88	0.45	13.66	0.58	22.34	0.44	15.33	0.63	118.88	0.70	13.66	0.91	22.34	0.65
16	3.16	0.37	178.88	0.44	16.35	0.52	24.70	0.44	3.16	0.55	178.88	0.68	16.35	0.81	24.70	0.63
17	4.37	0.44	120.93	0.47	14.67	0.56	16.73	0.46	4.37	0.61	120.93	0.73	14.67	0.88	16.73	0.69
18	20.08	0.44	154.28	0.50	11.23	0.60	33.70	0.49	20.08	0.65	154.28	0.78	11.23	0.94	33.70	0.74
19	41.55	0.39	113.95	0.44	15.45	0.53	42.15	0.43	41.55	0.58	113.95	0.69	15.45	0.82	42.15	0.65
20	27.96	0.35	173.73	0.41	14.06	0.48	43.73	0.39	27.96	0.52	173.73	0.63	14.06	0.75	43.73	0.59

RATING: ET

TIME	I				II				III				IV				I				II				III				IV			
	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$
1	10.40	0.61	127.51	0.69	17.17	0.85	42.34	0.68	18.40	0.86	127.21	1.08	12.27	1.29	42.34	0.99	10.40	0.61	127.51	0.69	17.17	0.85	42.34	0.68	18.40	0.86	127.21	1.08	12.27	1.29	42.34	0.99
2	16.71	0.60	170.92	0.71	11.11	0.84	39.51	0.67	16.71	0.85	124.97	1.15	11.30	1.32	30.77	1.08	16.71	0.60	170.92	0.71	11.11	0.84	39.51	0.67	16.71	0.85	124.97	1.15	11.30	1.32	30.77	1.08
3	15.12	0.60	170.44	0.70	8.55	0.84	29.56	0.67	15.12	0.85	127.44	1.20	10.06	1.38	34.51	1.06	15.12	0.60	170.44	0.70	8.55	0.84	29.56	0.67	15.12	0.85	127.44	1.20	10.06	1.38	34.51	1.06
4	14.22	0.60	107.74	0.69	7.84	0.84	27.57	0.66	14.22	0.87	107.74	1.30	8.55	1.44	29.56	1.06	14.22	0.60	107.74	0.69	7.84	0.84	27.57	0.66	14.22	0.87	107.74	1.30	8.55	1.44	29.56	1.06
5	13.74	0.59	111.95	0.69	9.05	0.83	26.54	0.66	13.74	0.86	111.95	1.34	7.88	1.47	27.57	1.05	13.74	0.59	111.95	0.69	9.05	0.83	26.54	0.66	13.74	0.86	111.95	1.34	7.88	1.47	27.57	1.05
6	13.74	0.59	111.95	0.69	9.05	0.83	26.54	0.66	13.74	0.86	111.95	1.34	7.88	1.47	27.57	1.05	13.74	0.59	111.95	0.69	9.05	0.83	26.54	0.66	13.74	0.86	111.95	1.34	7.88	1.47	27.57	1.05
7	16.51	0.54	109.27	0.69	9.05	0.83	26.54	0.66	16.51	0.86	109.27	1.34	8.22	1.47	29.30	1.06	16.51	0.54	109.27	0.69	9.05	0.83	26.54	0.66	16.51	0.86	109.27	1.34	8.22	1.47	29.30	1.06
8	21.09	0.59	127.49	0.69	9.05	0.83	26.54	0.66	21.09	0.86	127.49	1.34	8.22	1.47	29.30	1.06	21.09	0.59	127.49	0.69	9.05	0.83	26.54	0.66	21.09	0.86	127.49	1.34	8.22	1.47	29.30	1.06
9	16.40	0.58	127.49	0.69	9.05	0.83	26.54	0.66	16.40	0.86	127.49	1.34	8.22	1.47	29.30	1.06	16.40	0.58	127.49	0.69	9.05	0.83	26.54	0.66	16.40	0.86	127.49	1.34	8.22	1.47	29.30	1.06
10	11.25	0.57	111.99	0.66	9.05	0.83	26.54	0.66	11.25	0.86	111.99	1.34	8.22	1.47	29.30	1.06	11.25	0.57	111.99	0.66	9.05	0.83	26.54	0.66	11.25	0.86	111.99	1.34	8.22	1.47	29.30	1.06
11	11.25	0.57	111.99	0.66	9.05	0.83	26.54	0.66	11.25	0.86	111.99	1.34	8.22	1.47	29.30	1.06	11.25	0.57	111.99	0.66	9.05	0.83	26.54	0.66	11.25	0.86	111.99	1.34	8.22	1.47	29.30	1.06
12	12.07	0.56	127.07	0.66	10.78	0.77	26.87	0.62	12.07	0.81	127.07	1.29	10.04	1.41	26.87	0.98	12.07	0.56	127.07	0.66	10.78	0.77	26.87	0.62	12.07	0.81	127.07	1.29	10.04	1.41	26.87	0.98
13	11.92	0.55	137.14	0.65	9.71	0.76	22.11	0.61	11.92	0.81	137.14	1.26	10.71	1.35	26.87	0.98	11.92	0.55	137.14	0.65	9.71	0.76	22.11	0.61	11.92	0.81	137.14	1.26	10.71	1.35	26.87	0.98
14	14.97	0.55	137.14	0.65	9.71	0.76	22.11	0.61	14.97	0.81	137.14	1.26	10.71	1.35	26.87	0.98	14.97	0.55	137.14	0.65	9.71	0.76	22.11	0.61	14.97	0.81	137.14	1.26	10.71	1.35	26.87	0.98
15	10.72	0.54	121.53	0.63	13.47	0.75	20.54	0.60	10.72	0.80	121.53	1.19	10.31	1.32	25.59	0.96	10.72	0.54	121.53	0.63	13.47	0.75	20.54	0.60	10.72	0.80	121.53	1.19	10.31	1.32	25.59	0.96
16	10.67	0.54	121.53	0.63	13.47	0.75	20.54	0.60	10.67	0.80	121.53	1.19	10.31	1.32	25.59	0.96	10.67	0.54	121.53	0.63	13.47	0.75	20.54	0.60	10.67	0.80	121.53	1.19	10.31	1.32	25.59	0.96
17	13.06	0.55	125.49	0.61	9.16	0.74	17.04	0.60	13.06	0.79	125.49	1.19	9.36	1.30	14.72	0.94	13.06	0.55	125.49	0.61	9.16	0.74	17.04	0.60	13.06	0.79	125.49	1.19	9.36	1.30	14.72	0.94
18	4.44	0.55	125.49	0.61	9.16	0.74	17.04	0.60	4.44	0.82	125.49	1.20	10.45	1.33	12.04	0.95	4.44	0.55	125.49	0.61	9.16	0.74	17.04	0.60	4.44	0.82	125.49	1.20	10.45	1.33	12.04	0.95
19	4.11	0.54	117.84	0.63	15.57	0.73	13.13	0.60	4.11	0.80	117.84	1.14	15.57	1.30	13.13	0.95	4.11	0.54	117.84	0.63	15.57	0.73	13.13	0.60	4.11	0.80	117.84	1.14	15.57	1.30	13.13	0.95
20	4.87	0.52	99.97	0.60	11.45	0.71	16.66	0.58	4.87	0.78	99.97	1.14	11.65	1.26	16.66	0.93	4.87	0.52	99.97	0.60	11.45	0.71	16.66	0.58	4.87	0.78	99.97	1.14	11.65	1.26	16.66	0.93

RATING: FT

TIME	I				II				III				IV				I				II				III				IV			
	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$	Q	$\frac{w_b}{w_p}$
1	9.64	0.61	85.93	0.70	7.05	0.82	19.15	0.69	9.64	0.87	85.93	1.24	7.95	1.37	19.15	1.08	9.64	0.61	85.93	0.70	7.05	0.82	19.15	0.69	9.64	0.87	85.93	1.24	7.95	1.37	19.15	1.08
2	9.74	0.61	87.68	0.70	13.21	0.81	19.83	0.69	9.74	0.86	87.68	1.31	10.54	1.39	19.83	1.08	9.74	0.61	87.68	0.70	13.21	0.81	19.83	0.69	9.74	0.86	87.68	1.31	10.54	1.39	19.83	1.08
3	10.00	0.61	87.68	0.70	13.21	0.81	19.83	0.69	10.00	0.86	87.68	1.31	10.54	1.39	19.83	1.08	10.00	0.61	87.68	0.70	13.21	0.81	19.83	0.69	10.00	0.86	87.68	1.31	10.54	1.39	19.83	1.08
4	10.33	0.61	80.30	0.69	6.28	0.81	17.52	0.68	10.33	0.87	80.30	1.40	6.28	1.40	17.52	1.11	10.33	0.61	80.30	0.69	6.28	0.81	17.52	0.68	10.33	0.87	80.30	1.40	6.28	1.40	17.52	1.11
5	10.59	0.60	84.95	0.69	8.21	0.80	19.12	0.67	10.59	0.86	84.95	1.25	8.21	1.40	17.52	1.11	10.59	0.60	84.95	0.69	8.21	0.80	19.12	0.67	10.59	0.86	84.95	1.25	8.21	1.40	17.52	1.11
6	13.09	0.59	85.23	0.69	8.21	0.79	19.70	0.67	13.09	0.86	85.23	1.25	8.21	1.40	17.52	1.11	13.09	0.59	85.23	0.69	8.21	0.79	19.70	0.67	13.09	0.86	85.23	1.25	8.21	1.40	17.52	1.11
7	17.50	0.60	113.69	0.69	8.21	0.79	21.97	0.67	17.50	0.87	113.69	1.08	8.21	1.40	17.52	1.11	17.50	0.60	113.69	0.69	8.21	0.79	21.97	0.67	17.50	0.87	113.69	1.08	8.21	1.40	17.52	1.11
8	20.05	0.59	145.62	0.67	11.11	0.79	21.97	0.67	20.05	0.87	145.62	1.08	11.11	1.40	17.52	1.11	20.05	0.59	145.62	0.67	11.11	0.79	21.97	0.67	20.05	0.87	145.62	1.08	11.11	1.40	17.52	1.11
9	10.47	0.60	106.47	0.69	2.70	0.74	15.94	0.66	10.47	0.86	106.47	1.04	2.70	1.17	15.94	0.98	10.47	0.60	106.47	0.69	2.70	0.74	15.94	0.66	10.47	0.86	106.47	1.04	2.70	1.17	15.94	0.98
10	15.06	0.59	138.58	0.67	8.36	0.76	22.44	0.67	15.06	0.86	138.58	1.02	8.36	1.17	15.94	0.98	15.06	0.59	138.58	0.67	8.36	0.76	22.44	0.67	15.06	0.86	138.58	1.02	8.36	1.17	15.94	0.98
11	16.15	0.59	144.21	0.67	10.01	0.75	22.44	0.67	16.15	0.86	144.21	1.02	10.01	1.17	15.94	0.98	16.15	0.59	144.21	0.67	10.01	0.75	22.44	0.67	16.15	0.86	144.21	1.02	10.01	1.17	15.94	0.98
12	16.39	0.57	151.00	0.65	12.50	0.75	24.29	0.65	16.39	0.85	151.00	1.01	12.50	1.14	24.29	0.96	16.39	0.57	151.00	0.65	12.50	0.75	24.29	0.65	16.39	0.85	151.00	1.01	12.50	1.14	24.29	0.96
13	16.39	0.57	151.00	0.65	11.32	0.75	24.75	0.65	16.39	0.83	156.41	0.99	11.32	1.14	24.75	0.97	16.39	0.57	151.00	0.65	11.32	0.75	24.75	0.65	16.39	0.83	156.41	0.99	11.32	1.14	24.75	0.97
14	16.39	0.55	138.46	0.63	9.98	0.75	30.74	0.65	16.39	0.83	135.60	0.99	9.98	1.14	30.74	0.97	16.39	0.55	138.46	0.63	9.98	0.75	30.74	0.65	16.39	0.83	135.60	0.99	9.98	1.14	30.74	0.97
15	12.33	0.55	105.28	0.64	17.22	0.71	17.27	0.63	12.33	0.80	120.26	0.97	17.22	1.12	17.27	0.95	12.33	0.55	105.28	0.64	17.22	0.71	17.27	0.63	12.33	0.80	120.26	0.97	17.22	1.12	17.27	0.95
16	6.89	0.54	107.17	0.63	15.44	0.74	24.69	0.64	6.89	0.80	103.14	0.99	15.44	1.12	24.69	0.95	6.89	0.54	107.17	0.63	15.44	0.74	24.69	0.64	6.89	0.80	103.14	0.99	15.44	1.12	24.69	0.95
17	10.61	0.54	187.17	0.65	11.51	0.73	13.36	0.64	10.61	0.80	182.17	1.00	11.51	1.15	13.36	0.97	10.61	0.54	187.17	0.65	11.51	0.73	13.36	0.64	10.61	0.80	182.17	1.00	11.51	1.15	13.36	0.97
18	6.81	0.53	155.99	0.63	19.19	0.73	22.64	0.64	6.81	0.78	135.99	0.98	19.19	1.12	22.64	0.97	6.81	0.53	155.99	0.63	19.19	0.73	22.64	0.64	6.81	0.78	135.99	0.98	19.19	1.12	22.64	0.97
19	6.42	0.51	161.19	0.62	12.19	0.70	19.73	0.60	6.42	0.78	161.19	0.98	12.19	1.09	19.73	0.93	6.42	0.51	161.19	0.62	12.19	0.70	19.73	0.60	6.42	0.78	161.19	0.98	12.19	1.09	19.73	0.93

RATING: GM

TIME	I				II				III				IV			
	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$
1	15.31	0.72	98.09	0.83	10.34	1.00	23.61	0.81	15.31	1.02	98.09	1.30	10.34	1.52	23.61	1.18
2	15.06	0.72	95.82	0.84	10.33	1.00	22.51	0.81	15.06	1.02	95.82	1.30	10.33	1.52	22.51	1.20
3	14.44	0.71	93.75	0.84	9.80	1.00	21.63	0.81	14.44	1.03	93.75	1.37	9.80	1.61	21.63	1.21
4	13.43	0.71	91.28	0.83	8.75	1.00	20.96	0.80	13.43	1.04	91.28	1.46	8.75	1.64	20.96	1.23
5	12.59	0.71	87.28	0.83	8.36	0.99	20.06	0.80	12.59	1.04	87.28	1.47	8.36	1.64	20.06	1.23
6	11.90	0.71	83.55	0.83	7.77	0.99	18.96	0.79	11.90	1.04	83.55	1.45	7.77	1.64	18.96	1.23
7	11.40	0.71	80.20	0.82	7.28	0.97	18.05	0.79	11.40	1.04	80.20	1.41	7.28	1.58	18.05	1.23
8	10.73	0.71	76.54	0.82	6.78	0.95	20.64	0.78	10.73	1.03	76.54	1.40	6.78	1.55	20.64	1.20
9	10.21	0.71	72.35	0.82	6.28	0.95	19.38	0.78	10.21	1.03	72.35	1.40	6.28	1.55	19.38	1.19
10	9.54	0.71	68.75	0.81	5.78	0.95	15.28	0.77	9.54	1.03	68.75	1.39	5.78	1.54	15.28	1.17
11	8.87	0.70	64.47	0.81	5.28	0.94	19.43	0.77	8.87	1.02	64.47	1.35	5.28	1.44	19.43	1.16
12	8.21	0.69	60.36	0.81	4.78	0.93	29.27	0.75	8.21	1.01	60.36	1.25	4.78	1.42	29.27	1.23
13	7.54	0.71	56.25	0.81	4.28	0.93	28.02	0.75	7.54	1.01	56.25	1.25	4.28	1.42	28.02	1.23
14	6.87	0.70	52.14	0.81	3.78	0.94	27.08	0.75	6.87	1.01	52.14	1.25	3.78	1.45	27.08	1.21
15	6.21	0.70	48.03	0.81	3.28	0.93	26.14	0.75	6.21	1.02	48.03	1.25	3.28	1.43	26.14	1.22
16	5.54	0.70	43.92	0.81	2.78	0.96	26.22	0.74	5.54	1.02	43.92	1.32	2.78	1.50	26.22	1.22
17	4.87	0.69	39.81	0.81	2.28	0.95	16.78	0.74	4.87	1.00	39.81	1.32	2.28	1.43	16.78	1.20
18	4.21	0.69	35.70	0.81	1.78	0.95	16.03	0.74	4.21	1.00	35.70	1.32	1.78	1.43	16.03	1.24
19	3.54	0.68	31.59	0.81	1.28	0.92	15.03	0.74	3.54	1.02	31.59	1.24	1.28	1.42	15.03	1.22
20	2.87	0.68	27.48	0.80	0.78	0.92	14.81	0.73	2.87	1.02	27.48	1.26	0.78	1.43	14.81	1.22
21	2.21	0.68	23.37	0.80	0.28	0.92	14.81	0.73	2.21	1.02	23.37	1.26	0.28	1.43	14.81	1.22
22	1.54	0.68	19.26	0.80	0.28	0.92	14.81	0.73	1.54	1.02	19.26	1.26	0.28	1.43	14.81	1.22

RATING: HM

TIME	I				II				III				IV			
	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$	Q	$\frac{W_P}{W_P}$
1	6.06	0.50	101.79	0.66	10.47	0.79	23.67	0.66	6.06	0.83	108.78	1.00	10.47	1.18	23.67	0.95
2	6.34	0.50	117.47	0.65	8.26	0.78	24.52	0.65	6.34	0.82	117.47	1.00	8.26	1.16	24.52	0.94
3	6.72	0.50	133.15	0.65	7.51	0.78	23.47	0.65	6.72	0.84	133.15	1.01	7.51	1.16	23.47	0.96
4	7.10	0.50	148.83	0.65	6.76	0.77	21.53	0.65	7.10	0.84	148.83	1.03	6.76	1.18	21.53	0.96
5	7.48	0.50	164.51	0.64	6.01	0.77	19.58	0.64	7.48	0.83	164.51	1.03	6.01	1.18	19.58	0.95
6	7.86	0.50	180.19	0.63	5.26	0.76	17.64	0.63	7.86	0.82	180.19	1.06	5.26	1.20	17.64	0.95
7	8.24	0.50	195.87	0.63	4.51	0.75	15.69	0.63	8.24	0.81	195.87	1.06	4.51	1.20	15.69	0.96
8	8.62	0.50	211.55	0.61	3.76	0.73	13.75	0.61	8.62	0.81	211.55	1.06	3.76	1.20	13.75	0.94
9	8.99	0.50	227.23	0.61	3.01	0.73	11.81	0.61	8.99	0.80	227.23	1.09	3.01	1.19	11.81	0.94
10	9.37	0.50	242.91	0.60	2.26	0.71	9.87	0.60	9.37	0.79	242.91	1.11	2.26	1.19	9.87	0.93
11	9.75	0.50	258.59	0.60	1.51	0.70	7.93	0.60	9.75	0.78	258.59	1.11	1.51	1.20	7.93	0.93
12	10.13	0.50	274.27	0.59	0.76	0.69	5.99	0.59	10.13	0.77	274.27	1.09	0.76	1.20	5.99	0.93
13	10.51	0.50	289.95	0.59	0.01	0.68	4.05	0.59	10.51	0.77	289.95	1.05	0.01	1.16	4.05	0.90
14	10.89	0.50	305.63	0.58	0.26	0.66	2.11	0.58	10.89	0.74	305.63	1.04	0.26	1.14	2.11	0.90
15	11.27	0.50	321.31	0.57	0.51	0.65	0.17	0.57	11.27	0.74	321.31	1.03	0.51	1.13	0.17	0.90
16	11.65	0.50	336.99	0.57	0.76	0.64	0.42	0.57	11.65	0.73	336.99	1.03	0.76	1.13	0.42	0.92
17	12.03	0.50	352.67	0.56	1.01	0.63	0.67	0.56	12.03	0.72	352.67	1.03	1.01	1.11	0.67	0.92
18	12.41	0.50	368.35	0.56	1.26	0.62	0.92	0.56	12.41	0.72	368.35	1.03	1.26	1.09	0.92	0.89
19	12.79	0.50	384.03	0.55	1.51	0.61	1.17	0.55	12.79	0.72	384.03	1.03	1.51	1.09	1.17	0.87
20	13.17	0.50	399.71	0.55	1.76	0.60	1.42	0.55	13.17	0.72	399.71	1.03	1.76	1.09	1.42	0.87
21	13.55	0.50	415.39	0.55	2.01	0.59	1.67	0.55	13.55	0.72	415.39	1.03	2.01	1.09	1.67	0.87
22	13.93	0.50	431.07	0.55	2.26	0.58	1.92	0.55	13.93	0.72	431.07	1.03	2.26	1.09	1.92	0.87

RATING: HT

IV	III		II		I	
	$\frac{Q}{W_I/W_P}$	$\frac{Q}{W_I/W_P}$	$\frac{Q}{W_I/W_P}$	$\frac{Q}{W_I/W_P}$	$\frac{Q}{W_I/W_P}$	$\frac{Q}{W_I/W_P}$
1	32.23	9.74	118.92	0.61	17.94	0.49
2	32.50	10.32	119.31	0.60	20.21	0.48
3	30.85	9.27	115.32	0.60	19.89	0.45
4	27.26	8.61	106.97	0.63	16.96	0.49
5	25.67	5.61	104.38	0.63	15.57	0.49
6	26.96	5.61	107.57	0.62	15.72	0.49
7	27.27	6.47	100.15	0.62	17.54	0.49
8	26.93	6.67	82.14	0.64	21.16	0.50
9	31.55	7.07	104.23	0.63	24.50	0.47
10	30.63	7.07	166.43	0.60	27.61	0.47
11	27.51	7.31	135.16	0.63	27.61	0.49
12	19.47	6.95	135.00	0.63	27.61	0.49
13	23.68	10.57	96.11	0.60	13.71	0.49
14	28.49	6.67	141.33	0.60	19.84	0.47
15	26.49	6.47	110.40	0.62	17.31	0.49
16	16.54	4.72	116.59	0.63	17.93	0.49
17	22.83	11.97	109.83	0.60	17.09	0.47
18	28.51	13.42	160.65	0.59	20.29	0.45
19	28.51	10.29	110.89	0.61	13.76	0.47
20	18.71	8.81	100.41	0.62	5.20	0.49
21	13.67	6.66	94.70	0.59	4.77	0.49
22	13.67	11.21	132.92	0.57	0.95	0.45
23	24.23	11.09	132.92	0.57	0.95	0.45

REPORTING : 10

Irr.	I		II		III		IV		I		II		III		IV	
	Q	w_T/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_T/w_P	Q	w_T/w_P	Q	w_T/w_P	Q	w_T/w_P
1	16.15	0.61	106.17	0.64	10.97	0.04	33.94	0.64	16.18	0.87	106.17	1.30	10.97	1.45	33.94	1.09
2	16.70	0.61	112.94	0.69	13.77	0.83	37.97	0.68	16.70	0.86	112.94	1.37	13.77	1.48	37.97	1.12
3	17.47	0.61	110.00	0.69	10.50	0.83	37.20	0.69	17.47	0.86	110.00	1.45	10.50	1.53	37.20	1.16
4	18.42	0.61	97.57	0.69	10.17	0.83	31.43	0.69	18.42	0.80	97.57	1.54	10.17	1.59	31.43	1.19
5	17.47	0.60	91.31	0.69	9.60	0.81	27.77	0.68	17.47	0.80	91.31	1.50	9.60	1.56	27.77	1.16
6	14.31	0.60	91.29	0.69	9.60	0.81	25.62	0.68	14.31	0.87	91.29	1.33	9.60	1.43	25.62	1.11
7	15.85	0.59	87.60	0.69	8.40	0.80	25.02	0.68	15.85	0.86	87.60	1.23	8.40	1.36	25.02	1.07
8	22.00	0.59	80.24	0.69	7.07	0.80	25.90	0.68	22.00	0.86	80.24	1.19	7.07	1.33	25.90	1.06
9	21.16	0.59	94.80	0.68	7.05	0.79	29.14	0.67	21.16	0.85	94.80	1.16	7.05	1.31	29.14	1.04
10	13.05	0.58	43.27	0.67	8.61	0.78	23.58	0.66	13.05	0.84	43.27	1.15	8.61	1.28	23.58	1.02
11	11.04	0.58	113.57	0.69	8.61	0.78	19.12	0.5	11.04	0.83	113.57	1.16	8.61	1.26	19.12	1.02
12	14.02	0.56	106.70	0.67	9.17	0.76	19.19	0.5	14.02	0.83	106.70	1.11	9.17	1.22	18.12	0.98
13	16.40	0.56	87.40	0.66	9.74	0.75	19.19	0.5	16.40	0.82	87.40	1.11	9.74	1.22	19.19	0.98
14	16.36	0.55	127.09	0.65	10.93	0.73	22.79	0.61	16.36	0.81	127.09	1.11	10.93	1.20	22.79	0.96
15	15.34	0.55	106.17	0.65	9.51	0.73	18.52	0.61	15.34	0.81	106.17	1.11	9.51	1.21	18.52	0.96
16	15.36	0.55	40.64	0.64	9.12	0.74	17.06	0.63	15.35	0.81	40.64	1.08	9.12	1.21	17.06	0.97
17	15.36	0.55	91.24	0.63	9.45	0.71	19.50	0.62	15.36	0.80	91.24	0.97	9.45	1.13	19.50	0.97
18	14.00	0.54	143.66	0.63	15.37	0.72	24.24	0.61	14.00	0.80	143.66	0.97	15.37	1.13	24.24	0.93
19	14.51	0.53	95.73	0.63	15.47	0.73	15.50	0.61	14.51	0.81	95.73	0.98	15.47	1.13	15.50	0.93
20	4.60	0.53	95.73	0.63	16.23	0.73	14.70	0.62	4.60	0.82	95.73	0.98	16.23	1.14	14.70	0.93
21	5.32	0.52	85.12	0.61	12.67	0.72	13.64	0.58	5.32	0.80	85.12	0.96	12.67	1.12	13.64	0.91
22	6.76	0.52	95.53	0.60	13.79	0.72	15.97	0.58	6.76	0.79	95.53	0.96	13.79	1.08	15.97	0.89

RATING: MM

	I		II		III		IV		I		II		III		IV	
	Q	W _r /W _p	Q	W _r /W _p	Q	W _r /W _p	Q	W _r /W _p	Q	W _r /W _p	Q	W _r /W _p	Q	W _r /W _p	Q	W _r /W _p
1	24.24	1.03	118.48	1.14	1.36	44.59	1.18	24.24	1.47	110.48	1.71	92.30	2.02	44.59	1.73	1.73
2	23.73	1.03	116.71	1.14	1.34	38.79	1.18	23.73	1.45	116.31	1.72	92.40	2.00	38.79	1.73	1.74
3	23.07	1.03	115.82	1.14	1.34	35.19	1.19	23.07	1.45	111.02	1.73	89.97	1.99	33.19	1.74	1.76
4	22.00	1.03	108.91	1.14	1.34	27.47	1.19	17.00	1.43	103.71	1.74	77.94	1.97	27.77	1.76	1.77
5	19.96	1.03	102.71	1.14	1.34	22.44	1.19	14.06	1.40	98.94	1.80	66.67	2.06	26.04	1.75	1.77
6	18.90	1.03	98.94	1.14	1.34	19.36	1.19	16.28	1.40	98.09	1.89	60.67	2.06	30.36	1.77	1.77
7	17.72	1.03	92.05	1.14	1.32	14.43	1.14	30.82	1.47	89.85	1.89	50.77	2.12	30.32	1.77	1.77
8	16.57	1.00	73.42	1.14	1.30	10.12	1.12	39.40	1.37	73.42	1.89	46.39	2.10	35.39	1.74	1.74
9	15.27	0.98	68.13	1.14	1.29	6.77	1.08	46.77	1.37	68.13	1.89	38.47	2.03	46.77	1.67	1.67
10	13.91	0.98	55.12	1.14	1.25	4.67	1.08	53.11	1.37	55.12	1.77	36.63	2.00	42.12	1.69	1.69
11	12.49	0.99	48.62	1.14	1.24	3.15	1.16	44.00	1.34	48.62	1.75	34.17	1.98	38.12	1.64	1.64
12	11.14	0.99	41.05	1.14	1.21	2.03	1.11	37.39	1.33	41.05	1.74	31.17	1.95	34.07	1.62	1.62
13	10.25	0.96	31.54	1.14	1.20	1.47	1.08	29.85	1.35	31.15	1.69	28.35	1.90	31.07	1.62	1.62
14	9.25	0.96	24.53	1.14	1.20	1.02	1.12	26.05	1.36	30.09	1.74	25.12	2.00	28.07	1.62	1.62
15	8.25	0.96	18.53	1.14	1.20	0.71	1.08	22.00	1.37	28.53	1.70	22.29	1.94	24.54	1.62	1.62
16	7.25	0.93	9.53	1.14	1.20	0.49	1.04	19.00	1.36	28.00	1.65	19.40	1.88	22.31	1.67	1.67
17	6.25	0.92	6.53	1.14	1.20	0.31	1.04	16.00	1.36	28.00	1.65	16.62	2.03	17.50	1.67	1.67
18	5.25	0.92	4.53	1.14	1.20	0.21	1.04	13.00	1.36	28.00	1.65	13.50	2.01	17.50	1.67	1.67
19	4.25	0.90	2.53	1.14	1.20	0.15	1.07	9.00	1.33	28.33	1.74	9.00	2.01	17.50	1.67	1.67
20	3.25	0.90	1.53	1.14	1.20	0.10	1.07	7.00	1.33	28.33	1.66	7.00	1.95	17.50	1.67	1.67
21	2.25	0.90	0.53	1.14	1.20	0.07	1.07	5.00	1.34	28.33	1.66	5.00	1.91	17.50	1.67	1.67
22	1.25	0.90	0.53	1.14	1.20	0.03	1.07	7.12	1.34	10.53	1.63	7.07	1.91	17.50	1.67	1.67

PLAYING : MR

Time	I				II				III				IV				Rating	
	Q	$\frac{W}{I} \frac{P}{W}$	Q	$\frac{W}{I} \frac{P}{W}$	Q	$\frac{W}{I} \frac{P}{W}$	Q	$\frac{W}{I} \frac{P}{W}$	Q	$\frac{W}{I} \frac{P}{W}$	Q	$\frac{W}{I} \frac{P}{W}$	Q	$\frac{W}{I} \frac{P}{W}$				
1	29.23	0.59	111.33	0.67	0.13	0.80	14.50	0.69	20.23	0.94	111.33	1.01	8.13	1.19	34.50	1.00	IV	1.00
2	29.54	0.59	112.19	0.69	0.15	0.79	21.36	0.69	29.04	0.93	112.19	1.01	8.15	1.18	31.36	1.00		1.00
3	29.91	0.59	107.06	0.69	7.64	0.79	20.72	0.69	20.93	0.93	107.06	1.02	7.64	1.18	26.72	1.01		1.01
4	13.91	0.59	94.02	0.67	6.39	0.79	20.49	0.69	13.77	0.94	94.02	1.04	6.39	1.20	20.59	1.01		1.01
5	10.74	0.59	94.02	0.67	6.39	0.79	16.26	0.67	10.56	0.94	94.02	1.06	6.39	1.21	18.77	1.01		1.01
6	11.56	0.59	91.43	0.66	6.74	0.77	18.06	0.66	11.38	0.94	91.43	1.08	6.74	1.22	18.06	1.01		1.01
7	12.39	0.57	73.41	0.65	6.42	0.77	17.17	0.66	12.21	0.93	73.41	1.10	6.42	1.24	17.17	1.01		1.01
8	13.25	0.57	96.71	0.65	5.62	0.76	21.26	0.65	13.04	0.93	96.71	1.10	5.62	1.24	21.26	0.98		0.98
9	17.65	0.57	109.63	0.64	4.35	0.75	17.50	0.64	17.46	0.92	109.63	1.09	4.35	1.21	17.50	0.97		0.97
10	29.44	0.58	80.54	0.66	4.39	0.76	15.47	0.66	29.27	0.94	80.54	1.01	4.39	1.16	15.47	0.97		0.97
11	13.27	0.57	78.68	0.66	5.77	0.76	15.47	0.66	13.10	0.93	78.68	0.99	5.77	1.13	13.27	0.97		0.97
12	10.74	0.56	78.68	0.63	6.51	0.75	16.54	0.63	10.56	0.92	78.68	0.97	6.51	1.11	10.47	0.91		0.91
13	12.54	0.54	75.10	0.63	5.85	0.75	17.47	0.63	12.36	0.91	75.10	0.99	5.85	1.13	12.54	0.97		0.97
14	14.96	0.54	83.70	0.64	5.05	0.75	15.47	0.64	14.78	0.91	83.70	1.00	5.05	1.13	15.47	0.95		0.95
15	12.70	0.53	83.70	0.64	5.61	0.74	15.47	0.64	12.52	0.91	83.70	0.99	5.61	1.13	15.47	0.95		0.95
16	14.44	0.53	69.21	0.63	5.21	0.72	16.97	0.62	14.24	0.91	69.21	0.96	5.21	1.10	16.47	0.92		0.92
17	14.44	0.53	110.60	0.62	5.21	0.72	21.26	0.62	14.24	0.91	110.60	0.96	5.21	1.10	21.26	0.92		0.92
18	10.12	0.53	80.68	0.63	4.35	0.73	14.26	0.63	10.12	0.91	80.68	0.99	4.35	1.12	14.26	0.94		0.94
19	11.49	0.53	80.68	0.62	4.35	0.73	13.74	0.62	11.30	0.91	80.68	0.97	4.35	1.12	13.74	0.94		0.94
20	5.30	0.54	90.70	0.62	4.04	0.72	13.74	0.62	5.10	0.91	90.70	0.94	4.04	1.09	10.39	0.91		0.91
21	4.07	0.52	67.63	0.60	3.14	0.70	10.39	0.60	4.07	0.91	67.63	0.91	3.14	1.05	14.31	0.88		0.88
22	7.97	0.50	67.63	0.58	2.60	0.67	14.31											

RATING: OS

TIME	I		II		III		IV		I		II		III		IV	
	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$
1	8.48	0.50	19.97	0.56	20.21	0.65	17.00	0.58	8.48	0.72	28.97	0.95	20.21	1.04	17.00	0.90
2	7.34	0.51	27.07	0.56	23.78	0.65	18.39	0.59	7.34	0.72	27.07	0.99	23.78	1.07	18.39	0.93
3	7.23	0.51	24.17	0.56	25.41	0.66	18.15	0.60	7.23	0.74	24.17	1.05	25.41	1.12	18.15	0.97
4	9.62	0.53	20.17	0.56	25.10	0.66	19.28	0.62	9.62	0.77	20.17	1.13	25.10	1.18	19.28	1.03
5	7.65	0.52	16.43	0.56	25.76	0.67	19.34	0.61	7.65	0.77	16.43	1.01	25.76	1.17	19.34	1.02
6	5.59	0.49	12.39	0.55	26.83	0.67	19.08	0.59	5.59	0.73	12.39	0.96	26.83	1.08	19.08	0.95
7	11.29	0.49	11.62	0.56	24.07	0.67	19.60	0.59	11.29	0.73	11.62	0.95	24.07	1.06	19.60	0.92
8	11.29	0.48	14.01	0.56	24.78	0.67	19.73	0.58	11.29	0.72	14.01	0.95	24.78	1.04	19.73	0.91
9	5.59	0.47	19.54	0.54	23.51	0.67	19.44	0.56	5.59	0.70	19.54	0.93	23.51	1.00	19.44	0.87
10	6.03	0.47	13.22	0.55	23.11	0.67	15.43	0.55	6.03	0.69	13.22	0.84	23.11	0.93	15.43	0.83
11	7.34	0.45	11.29	0.54	25.77	0.67	16.32	0.52	7.34	0.66	11.29	0.89	25.77	0.95	16.32	0.81
12	6.11	0.44	14.10	0.51	27.77	0.67	17.95	0.51	6.11	0.65	14.10	0.91	27.77	0.96	17.95	0.82
13	6.91	0.45	25.75	0.51	23.26	0.58	15.55	0.51	6.91	0.65	25.75	0.92	23.26	0.98	15.55	0.82
14	5.28	0.43	27.18	0.52	21.63	0.58	14.18	0.52	5.28	0.67	27.18	0.93	21.63	1.00	14.18	0.83
15	6.19	0.43	27.26	0.56	24.39	0.56	15.69	0.49	6.19	0.63	27.26	0.87	24.39	0.94	15.69	0.78
16	6.19	0.45	40.66	0.46	30.24	0.51	18.65	0.44	6.19	0.58	40.66	0.81	30.24	0.86	18.65	0.71
17	5.07	0.41	32.66	0.46	24.72	0.53	14.72	0.46	5.07	0.61	32.66	0.88	24.72	0.93	14.72	0.75
18	2.42	0.43	16.27	0.40	28.38	0.53	14.87	0.51	2.42	0.58	16.27	0.96	28.38	1.01	14.87	0.83
19	2.76	0.43	17.35	0.40	15.15	0.52	12.97	0.49	2.76	0.65	17.35	0.97	15.15	1.01	12.97	0.81
20	3.78	0.40	17.35	0.45	11.95	0.52	15.70	0.45	3.78	0.69	17.35	0.99	11.95	0.93	15.70	0.75

RATING: CM

TIME	I		II		III		IV		I		II		III		IV	
	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$	Q	$\frac{W}{W_p}$
1	12.51	0.58	46.88	0.71	20.67	0.66	21.35	0.58	12.51	0.72	46.88	1.00	20.67	1.09	21.35	0.92
2	11.46	0.59	50.34	0.72	23.20	0.66	23.76	0.59	11.46	0.74	50.34	1.05	23.20	1.12	23.76	0.95
3	10.61	0.61	54.15	0.74	24.50	0.69	23.81	0.61	10.61	0.77	54.15	1.11	24.50	1.17	23.81	1.00
4	9.97	0.62	58.30	0.77	25.30	0.69	24.53	0.62	9.97	0.77	58.30	1.19	25.30	1.25	24.53	1.06
5	9.00	0.62	63.39	0.77	25.74	0.66	25.88	0.58	9.00	0.77	63.39	1.17	25.74	1.23	25.88	1.07
6	7.72	0.58	64.66	0.73	26.34	0.66	25.36	0.58	7.72	0.73	64.66	1.05	26.34	1.10	25.36	0.93
7	14.69	0.58	49.13	0.72	24.92	0.67	23.69	0.58	14.69	0.73	49.13	1.00	24.92	1.09	23.69	0.94
8	14.18	0.55	54.71	0.72	24.92	0.67	23.91	0.58	14.18	0.72	54.71	0.98	24.92	1.10	23.91	0.92
9	4.63	0.55	62.08	0.69	20.20	0.64	14.98	0.55	4.63	0.69	62.08	0.93	20.20	1.06	14.98	0.87
10	4.41	0.54	63.71	0.62	17.23	0.62	12.65	0.53	4.41	0.68	63.71	0.94	17.23	1.04	12.65	0.85
11	7.26	0.53	82.46	0.59	19.88	0.61	16.53	0.52	7.26	0.66	82.46	1.00	19.88	1.06	16.53	0.83
12	6.23	0.52	36.36	0.62	23.07	0.61	13.80	0.50	6.23	0.66	36.36	1.01	23.07	1.06	13.80	0.81
13	6.23	0.52	36.36	0.62	22.23	0.61	11.64	0.51	6.23	0.67	36.36	1.01	22.23	1.11	11.64	0.82
14	6.23	0.52	27.35	0.58	19.38	0.62	12.30	0.48	6.23	0.63	27.35	0.96	19.38	1.07	12.30	0.79
15	5.69	0.49	27.35	0.58	20.44	0.58	12.92	0.44	5.69	0.63	27.35	0.89	20.44	0.98	12.92	0.75
16	3.79	0.45	28.69	0.54	20.76	0.54	10.70	0.45	3.79	0.61	28.69	1.01	20.76	1.03	10.70	0.84
17	3.11	0.45	45.81	0.50	21.54	0.60	11.97	0.50	3.11	0.67	45.81	0.96	21.54	1.13	11.97	0.81
18	2.87	0.43	35.31	0.48	16.60	0.57	10.59	0.48	2.87	0.65	35.31	0.89	16.60	1.08	10.59	0.75
19	5.62	0.44	51.07	0.44	18.91	0.52	15.78	0.44	5.62	0.69	51.07	0.93	18.91	1.00	15.78	0.73

TIME	I			II			III			IV			I			II			III			IV		
	Q	$\bar{w}/w_p$	$\bar{d}/w_p$	Q	$\bar{w}/w_p$	$\bar{d}/w_p$	Q	$\bar{w}/w_p$	$\bar{d}/w_p$	Q	$\bar{w}/w_p$	$\bar{d}/w_p$	Q	$\bar{w}/w_p$	$\bar{d}/w_p$	Q	$\bar{w}/w_p$	$\bar{d}/w_p$	Q	$\bar{w}/w_p$	$\bar{d}/w_p$	Q	$\bar{w}/w_p$	$\bar{d}/w_p$
1	14.79	0.50	0.56	11.71	0.56	0.66	39.35	0.57	0.50	14.78	0.71	0.78	11.39	0.93	0.93	11.71	1.05	1.05	36.35	1.05	1.05	36.35	1.05	1.05
2	17.55	0.52	0.58	12.55	0.58	0.68	35.35	0.59	0.50	17.58	0.74	0.81	12.28	0.96	0.96	12.54	1.07	1.07	35.35	1.07	1.07	35.35	1.07	1.07
3	16.75	0.53	0.59	13.55	0.59	0.69	31.75	0.60	0.50	16.75	0.76	0.82	10.46	1.01	1.01	13.54	1.11	1.11	31.75	1.11	1.11	31.75	1.11	1.11
4	12.26	0.52	0.58	10.46	0.58	0.67	21.60	0.61	0.50	12.26	0.75	0.80	8.19	1.00	1.00	10.22	1.17	1.17	21.60	1.17	1.17	21.60	1.17	1.17
5	10.04	0.50	0.56	9.48	0.56	0.64	14.45	0.59	0.50	10.04	0.75	0.81	7.45	1.01	1.01	9.41	1.11	1.11	14.45	1.11	1.11	14.45	1.11	1.11
6	12.86	0.50	0.56	10.46	0.56	0.66	23.07	0.59	0.50	12.86	0.72	0.79	6.64	0.98	0.98	10.46	1.09	1.09	23.07	1.09	1.09	23.07	1.09	1.09
7	19.51	0.50	0.56	13.55	0.56	0.66	18.56	0.59	0.50	19.51	0.73	0.80	7.75	1.01	1.01	13.54	1.12	1.12	18.56	1.12	1.12	18.56	1.12	1.12
8	27.71	0.47	0.54	18.00	0.54	0.63	46.43	0.58	0.50	27.71	0.72	0.80	10.43	0.97	0.97	18.00	1.11	1.11	46.43	1.11	1.11	46.43	1.11	1.11
9	40.44	0.47	0.54	21.91	0.53	0.63	31.56	0.58	0.50	40.44	0.68	0.76	8.00	0.97	0.97	21.91	1.07	1.07	31.56	1.07	1.07	31.56	1.07	1.07
10	18.05	0.46	0.53	13.01	0.53	0.62	16.77	0.55	0.50	18.05	0.67	0.75	6.00	0.98	0.98	13.01	1.06	1.06	16.77	1.06	1.06	16.77	1.06	1.06
11	19.35	0.46	0.53	13.01	0.53	0.62	16.77	0.55	0.50	19.35	0.67	0.75	6.00	0.98	0.98	13.01	1.06	1.06	16.77	1.06	1.06	16.77	1.06	1.06
12	16.82	0.44	0.51	11.97	0.50	0.59	20.39	0.52	0.50	16.82	0.64	0.72	5.26	0.96	0.96	11.97	1.03	1.03	20.39	1.03	1.03	20.39	1.03	1.03
13	13.41	0.43	0.49	9.48	0.49	0.57	12.67	0.50	0.50	13.41	0.62	0.69	4.34	0.96	0.96	9.48	1.03	1.03	12.67	1.03	1.03	12.67	1.03	1.03
14	16.62	0.44	0.51	11.97	0.50	0.59	20.39	0.52	0.50	16.62	0.64	0.72	5.26	0.96	0.96	11.97	1.03	1.03	20.39	1.03	1.03	20.39	1.03	1.03
15	19.78	0.44	0.51	11.97	0.50	0.59	12.67	0.50	0.50	19.78	0.63	0.71	4.29	0.97	0.97	9.48	1.06	1.06	12.67	1.06	1.06	12.67	1.06	1.06
16	10.14	0.43	0.48	8.74	0.48	0.56	12.03	0.51	0.51	10.14	0.63	0.69	3.63	0.98	0.98									

TIME.	I			II			III			RATING : PR IV			I			II			III			IV		
	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p	Q	w_T/w_p		
1	14.97	0.93	86.14	1.00	33.79	1.03	1.33	86.14	1.33	14.97	1.03	1.33	86.14	1.68	1.68	13.64	1.68	33.79	1.68	1.68	13.64	1.68		
2	16.80	0.93	90.16	1.00	37.15	1.04	1.33	90.16	1.33	16.80	1.04	1.33	90.16	1.67	1.67	16.66	1.67	37.15	1.67	1.85	16.66	1.85		
3	16.78	0.93	86.68	1.00	35.62	1.04	1.33	86.68	1.33	16.78	1.04	1.33	86.68	1.70	1.70	16.16	1.70	35.62	1.86	1.86	16.16	1.86		
4	14.94	0.92	76.07	1.00	29.19	1.05	1.36	76.07	1.36	14.94	1.05	1.36	76.07	1.74	1.74	13.32	1.74	29.19	1.90	1.90	13.32	1.90		
5	13.59	0.92	73.07	0.99	25.85	1.04	1.36	73.07	1.36	13.59	1.04	1.36	73.07	1.76	1.76	12.41	1.76	25.85	1.88	1.88	12.41	1.88		
6	12.72	0.90	77.82	0.97	25.59	1.02	1.33	77.82	1.33	12.72	1.02	1.33	77.82	1.63	1.63	12.31	1.63	25.59	1.73	1.73	12.31	1.73		
7	12.68	0.90	75.55	0.97	24.11	1.00	1.30	75.55	1.30	12.68	1.00	1.30	75.55	1.55	1.55	12.45	1.55	24.11	1.73	1.73	12.45	1.73		
8	13.48	0.86	66.26	0.96	21.40	0.99	1.29	66.26	1.29	13.48	0.99	1.29	66.26	1.49	1.49	9.81	1.49	21.40	1.69	1.69	9.81	1.69		
9	12.77	0.86	84.80	0.94	21.29	0.97	1.27	84.80	1.27	12.77	0.97	1.27	84.80	1.45	1.45	9.51	1.45	21.29	1.65	1.65	9.51	1.65		
10	15.58	0.84	121.17	0.93	25.29	0.95	1.24	121.17	1.24	15.58	0.95	1.24	121.17	1.51	1.51	7.10	1.51	25.29	1.61	1.61	7.10	1.61		
11	7.68	0.85	88.69	0.93	15.24	0.95	1.30	88.69	1.30	7.68	0.95	1.30	88.69	1.44	1.44	10.20	1.44	15.24	1.67	1.67	10.20	1.67		
12	12.55	0.83	118.03	0.90	27.15	0.93	1.21	118.03	1.21	12.55	0.93	1.21	118.03	1.39	1.39	12.80	1.39	27.15	1.57	1.57	12.80	1.57		
13	14.22	0.81	150.05	0.89	33.70	0.92	1.19	150.05	1.19	14.22	0.92	1.19	150.05	1.54	1.54	12.60	1.54	33.70	1.61	1.61	12.60	1.61		
14	9.22	0.83	117.63	0.90	26.23	0.96	1.23	26.23	1.23	9.22	0.96	1.23	26.23	1.35	1.35	12.33	1.35	26.23	1.56	1.56	12.33	1.56		
15	8.59	0.81	116.43	0.87	25.81	0.92	1.19	116.43	1.19	8.59	0.92	1.19	116.43	1.31	1.31	12.33	1.31	25.81	1.52	1.52	12.33	1.52		
16	8.15	0.78	104.12	0.82	26.22	0.90	1.12	104.12	1.12	8.15	0.90	1.12	104.12	1.28	1.28	14.95	1.28	26.22	1.48	1.48	14.95	1.48		
17	5.04	0.75	140.72	0.86	28.29	0.96	1.00	140.72	1.00	5.04	0.96	1.00	140.72	1.35	1.35	13.87	1.35	28.29	1.56	1.56	13.87	1.56		
18	3.99	0.77	105.81	0.86	20.91	0.91	1.15	105.81	1.15	3.99	0.91	1.15	105.81	1.27	1.27	12.02	1.27	20.91	1.40	1.40	12.02	1.40		
19	3.49	0.77	121.09	0.82	20.55	0.88	1.07	121.09	1.07	3.49	0.88	1.07	121.09	1.29	1.29	12.02	1.29	20.55	1.50	1.50	12.02	1.50		
20	4.57	0.77	75.73	0.81	18.22	0.95	0.95	75.73	0.95	4.57	0.95	0.95	75.73	1.27	1.27	15.56	1.27	18.22	1.47	1.47	15.56	1.47		
21	4.20	0.75	84.15	0.81	20.45	0.86	0.95	84.15	0.95	4.20	0.86	0.95	84.15	1.27	1.27	15.56	1.27	20.45	1.47	1.47	15.56	1.47		
22	4.20	0.75	84.15	0.81	20.45	0.86	0.95	84.15	0.95	4.20	0.86	0.95	84.15	1.27	1.27	15.56	1.27	20.45	1.47	1.47	15.56	1.47		

RATING: QM

TIME	I		II		III		IV		I		II		III		IV	
	Q	W_D/W_P	Q	W_D/W_P	Q	W_D/W_P	Q	W_D/W_P	Q	W_T/W_P	Q	W_T/W_P	Q	W_T/W_P	Q	W_T/W_P
1	117.83	0.42	20.66	0.36	9.39	0.51	32.74	0.41	20.66	0.52	110.81	0.79	9.39	0.89	32.74	0.65
2	112.39	0.42	22.20	0.36	9.67	0.50	32.89	0.41	21.10	0.50	112.86	0.82	9.67	0.89	32.89	0.65
3	110.39	0.41	21.26	0.35	9.12	0.50	30.57	0.40	21.26	0.51	110.39	0.87	9.12	0.91	30.57	0.66
4	103.34	0.41	17.85	0.35	7.76	0.50	25.78	0.40	17.85	0.51	103.38	0.92	7.76	0.95	25.78	0.67
5	91.09	0.41	15.55	0.35	7.11	0.50	22.22	0.40	15.55	0.51	91.04	0.91	7.11	0.95	22.22	0.67
6	73.33	0.42	14.34	0.36	7.17	0.51	19.89	0.40	14.34	0.52	73.32	0.82	7.17	0.92	19.89	0.65
7	70.11	0.42	12.67	0.36	7.09	0.51	23.77	0.41	12.67	0.53	70.09	0.83	7.09	0.92	23.77	0.66
8	99.68	0.42	19.24	0.37	7.55	0.50	29.71	0.41	19.37	0.52	99.64	0.81	7.55	0.89	29.71	0.64
9	161.07	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	162.01	0.84	7.48	0.89	23.03	0.66
10	113.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	113.44	0.84	7.48	0.89	23.03	0.66
11	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
12	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
13	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
14	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
15	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
16	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
17	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
18	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
19	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
20	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
21	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66
22	115.47	0.43	12.67	0.37	7.48	0.50	23.03	0.41	12.67	0.52	115.44	0.84	7.48	0.89	23.03	0.66

RATING: RM

TIME	I		II		III		IV		I		II		III		IV	
	Q	W_D/W_P	Q	W_D/W_P	Q	W_D/W_P	Q	W_D/W_P	Q	W_T/W_P	Q	W_T/W_P	Q	W_T/W_P	Q	W_T/W_P
1	13.14	0.50	91.31	0.56	19.49	0.67	27.54	0.56	13.14	0.71	91.81	1.06	19.49	1.15	27.54	0.90
2	12.13	0.50	80.51	0.57	19.32	0.68	24.97	0.57	12.13	0.71	80.51	1.14	19.32	1.20	24.97	0.92
3	10.89	0.51	72.29	0.58	18.83	0.69	22.78	0.58	10.89	0.73	72.29	1.22	18.83	1.27	22.78	0.97
4	9.40	0.52	67.14	0.59	18.00	0.70	20.96	0.59	9.40	0.76	67.14	1.32	18.00	1.35	20.96	1.02
5	8.47	0.52	64.99	0.60	16.81	0.69	19.75	0.60	8.47	0.75	64.99	1.30	16.81	1.36	19.75	1.01
6	8.12	0.49	65.82	0.60	15.26	0.65	19.14	0.58	8.12	0.72	65.82	1.15	15.26	1.22	19.14	0.93
7	10.74	0.49	65.82	0.60	13.85	0.65	20.19	0.55	10.74	0.71	65.82	1.08	13.85	1.17	20.19	0.90
8	16.32	0.49	65.82	0.60	12.58	0.65	22.89	0.56	16.32	0.71	65.82	1.10	12.58	1.19	22.89	0.92
9	19.97	0.49	87.34	0.65	15.10	0.65	27.65	0.55	19.97	0.71	87.34	1.09	15.10	1.13	27.65	0.91
10	21.62	0.47	135.64	0.63	21.46	0.63	34.47	0.53	21.62	0.69	135.64	1.05	21.46	1.13	34.47	0.87
11	12.86	0.47	105.56	0.62	16.61	0.62	23.49	0.53	12.86	0.68	105.56	1.01	16.61	1.10	23.49	0.86
12	9.93	0.47	91.05	0.61	15.17	0.61	19.30	0.53	9.93	0.68	91.05	1.01	15.17	1.09	19.30	0.85
13	7.61	0.44	82.85	0.60	13.70	0.60	17.70	0.51	7.61	0.66	82.85	0.93	13.70	1.04	17.70	0.82
14	8.61	0.44	82.85	0.60	13.70	0.60	17.70	0.51	8.61	0.66	82.85	0.93	13.70	1.04	17.70	0.82
15	8.25	0.44	82.85	0.60	13.70	0.60	17.70	0.51	8.25	0.66	82.85	0.93	13.70	1.04	17.70	0.82
16	7.61	0.42	105.28	0.59	13.02	0.59	17.97	0.50	7.61	0.66	105.28	0.92	13.02	1.00	17.97	0.78
17	7.61	0.42	105.28	0.59	13.02	0.59	17.97	0.50	7.61	0.66	105.28	0.92	13.02	1.00	17.97	0.78
18	12.08	0.39	133.65	0.52	11.27	0.52	18.34	0.48	12.08	0.63	133.65	0.84	11.27	0.92	18.34	0.72
19	7.46	0.40	106.81	0.52	14.43	0.52	17.70	0.46	7.46	0.61	106.81	0.80	14.43	0.91	17.70	0.73
20	3.37	0.45	87.56	0.50	18.32	0.50	15.97	0.51	3.37	0.67	87.56	0.88	18.32	1.01	15.97	0.80
21	4.55	0.43	87.56	0.50	18.32	0.50	15.97	0.51	4.55	0.67	87.56	0.88	18.32	1.01	15.97	0.80
22	5.26	0.39	95.75	0.44	19.38	0.44	19.80	0.44	5.26	0.59	95.75	0.77	19.38	0.96	19.80	0.71

trial	RATING: SH				I				II				III				IV				I				II				III				IV			
	Q		w_I/w_p		Q		w_I/w_p		Q		w_I/w_p		Q		w_I/w_p		Q		w_I/w_p		Q		w_I/w_p		Q		w_I/w_p		Q		w_I/w_p		Q		w_I/w_p	
	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p	w_I	w_p		
1	9.62	0.37	80.95	0.42	18.93	0.50	21.03	0.42	9.62	0.54	80.95	0.80	18.93	0.87	21.03	0.66																				
2	9.41	0.37	76.51	0.42	19.98	0.49	21.02	0.41	9.41	0.53	76.51	0.83	19.98	0.88	21.02	0.66																				
3	9.96	0.37	69.34	0.41	19.43	0.49	20.08	0.41	8.86	0.52	68.34	0.87	19.43	0.91	20.08	0.68																				
4	7.99	0.37	56.39	0.41	17.57	0.49	18.21	0.41	7.99	0.53	56.39	0.92	17.57	0.95	18.21	0.71																				
5	7.62	0.37	50.34	0.41	17.51	0.50	17.68	0.41	7.62	0.54	50.34	0.91	17.51	0.95	17.68	0.71																				
6	7.75	0.37	50.34	0.42	18.31	0.50	18.31	0.42	7.75	0.54	50.34	0.86	18.31	0.91	18.31	0.69																				
7	9.59	0.37	51.13	0.42	18.05	0.51	18.12	0.42	8.50	0.54	51.13	0.83	18.05	0.91	18.12	0.69																				
8	9.87	0.37	57.80	0.43	18.05	0.51	18.12	0.42	8.87	0.55	52.80	0.84	18.05	0.91	18.12	0.70																				
9	12.65	0.37	66.36	0.43	12.65	0.50	19.68	0.42	12.65	0.55	66.36	0.83	12.65	0.90	19.68	0.69																				
10	16.83	0.36	91.63	0.42	13.48	0.49	22.33	0.41	16.83	0.55	91.63	0.82	13.48	0.91	22.33	0.77																				
11	17.44	0.36	97.99	0.44	13.41	0.50	16.65	0.42	16.44	0.55	97.99	0.85	13.41	0.91	16.65	0.69																				
12	17.44	0.36	97.99	0.42	15.30	0.50	14.15	0.42	19.52	0.55	49.22	0.85	15.30	0.91	14.15	0.59																				
13	11.86	0.36	39.32	0.42	15.64	0.48	16.05	0.41	11.86	0.53	39.32	0.79	15.64	0.86	16.05	0.59																				
14	14.02	0.36	52.47	0.42	20.97	0.47	20.68	0.40	14.02	0.52	52.47	0.78	20.97	0.85	20.68	0.57																				
15	17.18	0.36	49.99	0.42	17.25	0.48	17.27	0.41	12.38	0.53	49.99	0.80	17.25	0.88	17.27	0.57																				
16	10.50	0.40	58.75	0.47	16.40	0.54	15.60	0.46	10.50	0.54	58.75	0.88	16.40	0.99	15.60	0.57																				
17	10.50	0.35	60.67	0.41	13.70	0.48	15.66	0.46	10.50	0.52	60.67	0.81	13.70	0.90	15.66	0.57																				
18	15.37	0.35	90.97	0.40	18.50	0.47	22.61	0.40	15.37	0.51	90.97	0.79	18.50	0.88	22.61	0.57																				
19	7.99	0.37	65.76	0.42	17.10	0.49	15.41	0.42	7.99	0.55	65.76	0.83	17.10	0.94	15.41	0.72																				
20	4.96	0.37	84.16	0.42	1.43	0.50	13.50	0.43	4.96	0.56	84.16	0.83	1.43	0.96	13.50	0.68																				
21	4.91	0.36	59.23	0.41	1.75	0.49	14.32	0.41	4.91	0.53	59.23	0.81	1.75	0.91	14.32	0.68																				
22	6.08	0.34	58.43	0.39	20.78	0.46	19.35	0.39	6.08	0.51	58.43	0.78	20.78	0.88	19.35	0.68																				

TIME	RATING : SK									
	I		II		III		IV		V	
	Q	W_T/W_P	Q	W_T/W_P	Q	W_T/W_P	Q	W_T/W_P	Q	W_T/W_P
1	12.35	0.45	117.10	0.51	8.08	0.60	28.90	0.49	12.85	0.64
2	11.51	0.45	117.46	0.52	7.24	0.61	27.69	0.50	13.51	0.64
3	11.40	0.45	111.73	0.52	7.44	0.61	25.45	0.50	11.49	0.65
4	6.80	0.45	99.93	0.51	8.69	0.60	22.18	0.50	6.80	0.65
5	4.92	0.45	97.91	0.51	8.28	0.61	21.21	0.50	4.92	0.66
6	5.85	0.45	105.67	0.52	6.21	0.61	22.56	0.50	5.85	0.66
7	7.27	0.46	100.65	0.53	7.79	0.62	22.49	0.51	7.26	0.67
8	9.15	0.47	82.93	0.54	6.00	0.64	21.00	0.53	9.15	0.68
9	15.40	0.48	111.41	0.54	6.00	0.65	26.89	0.53	15.40	0.70
10	26.27	0.48	186.36	0.55	2.78	0.65	26.89	0.53	26.27	0.70
11	13.12	0.48	139.04	0.55	3.12	0.65	22.96	0.54	13.12	0.70
12	4.43	0.47	103.86	0.53	2.96	0.62	18.14	0.52	8.40	0.68
13	7.42	0.46	110.59	0.53	8.60	0.61	15.53	0.52	7.42	0.68
14	10.87	0.45	145.13	0.52	6.38	0.60	13.38	0.51	10.87	0.66
15	7.22	0.44	81.21	0.51	9.13	0.59	14.71	0.50	7.22	0.65
16	5.37	0.43	100.99	0.50	7.31	0.58	14.02	0.49	5.37	0.64
17	4.39	0.42	127.01	0.49	10.37	0.57	18.16	0.48	4.39	0.62
18	14.06	0.42	161.25	0.48	12.76	0.57	25.87	0.47	14.06	0.62
19	5.73	0.42	121.21	0.47	11.84	0.56	16.93	0.47	5.73	0.62
20	4.27	0.42	98.42	0.47	11.48	0.56	14.98	0.46	4.27	0.62
21	4.83	0.41	86.53	0.47	15.27	0.56	17.21	0.46	4.83	0.61
22	4.84	0.40	100.78	0.46	14.79	0.55	18.81	0.46	4.84	0.60

RATING: SM

TIME	I				II				III				IV				I				II				III				IV			
	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P	Q	w_D/w_P
1	27.09	0.41	124.82	0.50	12.28	0.60	43.24	0.49	27.02	0.61	124.82	0.89	12.28	0.99	43.24	0.76	12.28	0.99	43.24	0.76	12.28	0.99	43.24	0.76	12.28	0.99	43.24	0.76	12.28	0.99	43.24	0.76
2	28.99	0.42	126.25	0.49	11.75	0.59	41.83	0.44	26.98	0.59	126.25	0.92	11.75	1.00	41.83	0.76	11.75	1.00	41.83	0.76	11.75	1.00	41.83	0.76	11.75	1.00	41.83	0.76	11.75	1.00	41.83	0.76
3	29.99	0.43	115.57	0.49	10.95	0.58	38.83	0.44	27.08	0.58	115.57	0.92	10.95	1.03	38.83	0.80	10.95	1.03	38.83	0.80	10.95	1.03	38.83	0.80	10.95	1.03	38.83	0.80	10.95	1.03	38.83	0.80
4	24.15	0.43	110.52	0.49	9.80	0.59	34.24	0.49	27.19	0.60	110.52	0.92	9.80	1.08	34.24	0.81	9.80	1.08	34.24	0.81	9.80	1.08	34.24	0.81	9.80	1.08	34.24	0.81	9.80	1.08	34.24	0.81
5	25.41	0.43	111.02	0.49	9.78	0.59	32.66	0.49	29.17	0.62	111.02	0.91	9.78	1.08	32.66	0.81	9.78	1.08	32.66	0.81	9.78	1.08	32.66	0.81	9.78	1.08	32.66	0.81	9.78	1.08	32.66	0.81
6	29.37	0.43	100.59	0.49	10.47	0.58	34.08	0.48	33.00	0.63	100.59	0.94	10.47	1.03	34.08	0.77	10.47	1.03	34.08	0.77	10.47	1.03	34.08	0.77	10.47	1.03	34.08	0.77	10.47	1.03	34.08	0.77
7	32.00	0.43	104.22	0.50	8.55	0.59	37.03	0.49	35.97	0.61	104.22	0.93	8.55	1.04	37.03	0.78	8.55	1.04	37.03	0.78	8.55	1.04	37.03	0.78	8.55	1.04	37.03	0.78	8.55	1.04	37.03	0.78
8	32.40	0.43	135.82	0.50	8.55	0.57	41.27	0.47	38.17	0.62	135.82	0.89	8.55	1.04	41.27	0.77	8.55	1.04	41.27	0.77	8.55	1.04	41.27	0.77	8.55	1.04	41.27	0.77	8.55	1.04	41.27	0.77
9	26.17	0.43	136.82	0.50	6.60	0.57	41.27	0.47	38.17	0.62	136.82	0.89	6.60	1.00	41.27	0.77	6.60	1.00	41.27	0.77	6.60	1.00	41.27	0.77	6.60	1.00	41.27	0.77	6.60	1.00	41.27	0.77
10	12.50	0.41	136.82	0.50	3.90	0.57	41.27	0.47	38.17	0.62	136.82	0.89	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77
11	12.50	0.41	136.82	0.50	3.90	0.57	41.27	0.47	38.17	0.62	136.82	0.89	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77
12	12.50	0.41	136.82	0.50	3.90	0.57	41.27	0.47	38.17	0.62	136.82	0.89	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77
13	12.50	0.41	136.82	0.50	3.90	0.57	41.27	0.47	38.17	0.62	136.82	0.89	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77	3.90	1.00	41.27	0.77
14	20.47	0.41	105.55	0.49	10.95	0.56	22.33	0.46	20.17	0.59	105.55	0.94	10.95	1.04	22.33	0.76	10.95	1.04	22.33	0.76	10.95	1.04	22.33	0.76	10.95	1.04	22.33	0.76	10.95	1.04	22.33	0.76
15	21.34	0.41	86.95	0.49	11.74	0.56	21.34	0.47	18.89	0.62	86.95	0.96	11.74	1.04	21.34	0.76	11.74	1.04	21.34	0.76	11.74	1.04	21.34	0.76	11.74	1.04	21.34	0.76	11.74	1.04	21.34	0.76
16	18.77	0.40	77.24	0.47	13.48	0.55	21.35	0.47	18.77	0.58	77.24	0.96	13.48	1.03	21.35	0.76	13.48	1.03	21.35	0.76	13.48	1.03	21.35	0.76	13.48	1.03	21.35	0.76	13.48	1.03	21.35	0.76
17	20.42	0.40	124.76	0.46	11.70	0.53	25.57	0.45	20.62	0.57	124.76	0.92	11.70	1.03	25.57	0.73	11.70	1.03	25.57	0.73	11.70	1.03	25.57	0.73	11.70	1.03	25.57	0.73	11.70	1.03	25.57	0.73
18	14.13	0.40	100.70	0.46	8.84	0.54	15.64	0.45	14.74	0.60	100.70	0.92	8.84	1.01	15.64	0.71	8.84	1.01	15.64	0.71	8.84	1.01	15.64	0.71	8.84	1.01	15.64	0.71	8.84	1.01	15.64	0.71
19	14.27	0.40	116.21	0.47	9.37	0.55	13.18	0.45	5.37	0.57	116.21	0.93	9.37	1.06	13.18	0.74	9.37	1.06	13.18	0.74	9.37	1.06	13.18	0.74	9.37	1.06	13.18	0.74	9.37	1.06	13.18	0.74
20	5.37	0.38	83.23	0.45	14.19	0.52	13.69	0.43	5.37	0.57	83.23	0.89	14.19	1.00	13.69	0.70	14.19	1.00	13.69	0.70	14.19	1.00	13.69	0.70	14.19	1.00	13.69	0.70	14.19	1.00	13.69	0.70
21	7.60	0.37	87.50	0.44	12.40	0.51	15.43	0.41	7.60	0.55	87.50	0.87	12.40	0.98	15.43	0.68	12.40	0.98	15.43	0.68	12.40	0.98	15.43	0.68	12.40	0.98	15.43	0.68	12.40	0.98	15.43	0.68

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