## UPDATE

# Analysis of Liabilities <br> Of the <br> Georgia Subsequent Injury Trust Fund 

Including

# Analysis of Current Liabilities <br> Analysis of Future Liabilities, <br> Future Assessment Activity, and <br> Future Opened Claims Activity 

December 11, 2006

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# Analysis of Liabilities 

Of the
Georgia Subsequent Injury Trust Fund
Including

Analysis of Current Liabilities<br>Analysis of Future Liabilities,<br>Future Assessment Activity, and<br>Future Opened Claims Activity

## Description of the update:

This update, in accordance with the Board's direction, provides estimated future fund liabilities and assessments adjusted from the previous estimates to account for the effects of legislation passed subsequent to the previous report as well as to extend the estimates through the life of the Fund. In addition, there are two proposals presented for suggested strategies that will allow the Fund to fulfill its obligations at a time earlier than that at which all Fund anticipated reimbursements will have been fully paid.

This report fulfills all the requirements of the Actuarial Standards Board of the American Academy of Actuaries (with which the author is actively involved) and other relevant criteria promulgated by actuarial bodies governing actuarial reports. Standard actuarial techniques have been used throughout this analysis. Actuarial judgment has been applied wherever necessary to model various aspects of the Fund's claim handling processes.

This analysis is based upon claim reimbursement and financial information obtained from the Fund staff. Although the specific claim reimbursement data has not been audited, the Fund staff has provided amended data where it was found that the information was found to be inaccurate.

In estimating the Fund's claim reimbursement liabilities, reasonable procedures and standard actuarial techniques and methodologies have been applied. Projected reimbursement liabilities (reserves) are, by their very nature, subject to errors of estimation as ultimate liabilities are affected by events and conditions that have not yet occurred. It is assumed that historical loss patterns are generally good indicators of future loss payment patterns. Because of the limitation of the underlying historical data and the uncertainty of the statistical elements associated with forecasting, an actuary cannot guarantee that these estimates will prove to be adequate or not excessive.

## Contents of the update

Since the initial Analysis of Liabilities of the Georgia Subsequent Injury Trust Fund which was performed as of December 31, 2004, the Georgia statutes relating to the Fund have been revised, and these revisions have included criteria that will impact upon the Fund's future liabilities and assessments.

The process used in this analysis is similar to that which has been described in the previous report. It is suggested that the reader refer to the previous report for detailed descriptions of the techniques used. The update is designed to provide information relating to the impacts of changes that have taken place since the previous report. These changes include the following:

1) 2005 General Assembly

The Official Code of Georgia was amended by adding Chapter 34-9-368, establishing June 30, 2006 as the last date of injury eligibility for reimbursements by the Fund.

As will be described, the legislation establishing June 30, 2006 as the last date of injury eligibility had a minimal effect on the current liabilities as of $6 / 30 / 2006$, since the legislation only effects claims paid as a result of injuries that have not yet occurred as of this date. The effects of this legislation on future claims are substantial, and are estimated in this report.

The amendment to Chapter 34-9-368 had a significant effect on the liabilities remaining at 12/31/2020 from the previous calculation of the estimated liabilities as of that date. This effect is due to an earlier injury year eligibility termination date from 6/30/2008 to 6/30/2006.
2) 2006 General Assembly

An amendment was passed to OCGA 34-9-362 to establish time limits for employers or insurers to satisfactorily prove a claim once filed with the Subsequent Injury Trust Fund.

Amendments to OCGA 34-9-362 are expected to produce significant efficiencies in the future claim handling requirements and capabilities and in future claim number projection estimates produced for the Fund. The effect of this legislation on the current and future liabilities of the Fund, however, is expected to be minimal.

Exhibit 8 presents the number of new claims presented to the Fund for reimbursement by injury year. As may be discerned on Exhibit 8, there are substantial increases in the number of new claims presented for reimbursement in the past three
years that apply to injuries that occurred in all injury years, including years prior to 1980. This activity was described in the previous analysis, and is a result of substantial increased Fund claim submissions by insurance providers.

As described in the previous analysis, insurance providers, aware of the probable closure of the Fund, searched their claim files for Fund eligible claims that had not been previously submitted. It is reasonable to assume in this analysis, that those old claim files have been scoured for potential eligibility. The language of OCGA 34-9-362 will allow the Fund to eliminate from future reimbursement consideration, a large number of claims that have been held in the claim files despite no potential future payment obligations on the part of the Fund. The effects of the eligibility limiting language contained in the OCGA 34-9-362, however, are minimal on the dollars of future Fund liabilities.

Exhibit 8a indicates an estimated 12,454 new claim reimbursements that will be presented to the Fund subsequent to June 30, 2006

## 3) Data

The methods used by the Fund to extract the information needed for an actuarial analysis have been improved since the previous analysis. These improvements produced some changes in the underlying data and minimal changes in the estimated future Fund assessments and liabilities.

## Description of the analysis

Exhibit 1 presents the information received from the Fund relating to the dollars of claims paid during each fiscal year for each injury year since 1977.

Exhibits 2 thru 6 presents the methods and calculations used to produce the factors necessary to convert the paid claims to-date by injury year to ultimate paid claims by industry year similar to the work that was performed in the previous analysis. Unlike in the previous analysis, however, the current data allows for a more direct production of estimates due to more normal patterns of anticipated future claim payments. It is believed that the spike in new claim submissions is mainly over, allowing for a more direct development of claims, and a single set of estimated future liabilities and assessments.

## Current and future estimated Fund liabilities and assessments may be found on Exhibit 7, pages 1 and 2.

A description of each of the columns of data on Exhibit 7 follows:
Column 1 - Fiscal Year
Exhibit 7 provides estimates by fiscal year beginning in 2006 and ending in 2070.

Column 2 - Beginning Funds
Column 2 presents the estimate of funds available to the Fund at the beginning of the fiscal year.

Column 3 - Claims Paid
Column 3 presents the estimate of the dollars of claims paid during the fiscal year for all injury years. These estimates are derived from the actuarial loss development calculations.

Column 4 - GSITF Expenses
Column 4 presents an estimate of the expenses incurred during the fiscal year. These estimates include ongoing increases in average personnel costs coupled with regular staff reductions as the activities of the Fund decrease over time.

Column 5 - Investment Income
Column 5 presents the estimated investment income earned by the Fund during the fiscal year.

Column 6 - Assessment Received
It is assumed that $97 \%$ of the assessment made will be collected by the Fund. Although, historically, this amount has varied, the assumption that $97 \%$ of assessed funds will be collected is reasonable based on longer term Fund historical data.

Column 7 - Ending Funds
Ending funds in column 7 are calculated as:
Ending Funds $=$ beginning funds - claims paid - GSITF expenses + investment income + assessments received.

Column 8 - Next Year Assessment
Assessments are calculated as $175 \%$ of the claims paid during the fiscal year minus the funds available to the Fund at the end of the fiscal year.

## Fund Assessments are reproduced from Exhibit 7, column 8 on Table 1 which follows.

Table 1
Future Estimated Assessments

| year | Fiscal year end unfunded liability | assessment | year | year end unfunded liability | assessment |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 | \$970,528,309 | \$165,958,714 |  |  |  |
| 2007 | \$853,721,245 | \$118,720,037 | 2039 | \$94,558,102 | \$4,800,853 |
| 2008 | \$736,647,145 | \$91,439,086 | 2040 | \$88,648,220 | \$4,739,150 |
| 2009 | \$633,483,905 | \$66,683,252 | 2041 | \$82,928,980 | \$4,677,746 |
| 2010 | \$546,940,531 | \$60,621,822 | 2042 | \$77,400,382 | \$4,358,310 |
| 2011 | \$476,739,228 | \$44,704,890 | 2043 | \$72,062,424 | \$4,283,935 |
| 2012 | \$419,472,870 | \$34,844,410 | 2044 | \$66,915,108 | \$4,219,040 |
| 2013 | \$372,105,765 | \$29,905,657 | 2045 | \$61,958,434 | \$4,154,681 |
| 2014 | \$332,389,145 | \$26,446,637 | 2046 | \$57,192,400 | \$4,090,580 |
| 2015 | \$298,435,648 | \$23,893,986 | 2047 | \$52,617,008 | \$3,804,099 |
| 2016 | \$269,108,896 | \$21,417,173 | 2048 | \$48,232,258 | \$3,728,819 |
| 2017 | \$243,499,693 | \$19,432,201 | 2049 | \$44,038,148 | \$3,661,709 |
| 2018 | \$221,361,614 | \$17,280,892 | 2050 | \$40,034,680 | \$3,595,061 |
| 2019 | \$202,206,862 | \$15,115,515 | 2051 | \$36,221,853 | \$3,528,634 |
| 2020 | \$186,145,091 | \$12,841,446 | 2052 | \$32,599,668 | \$3,270,556 |
| 2021 | \$172,887,850 | \$10,028,706 | 2053 | \$29,168,124 | \$3,194,495 |
| 2022 | \$162,491,297 | \$7,787,755 | 2054 | \$25,927,221 | \$3,125,476 |
| 2023 | \$154,808,061 | \$5,500,326 | 2055 | \$22,876,960 | \$3,056,855 |
| 2024 | \$149,431,756 | \$5,793,468 | 2056 | \$20,017,340 | \$2,988,425 |
| 2025 | \$145,943,123 | \$6,925,916 | 2057 | \$17,348,361 | \$2,754,825 |
| 2026 | \$143,655,663 | \$6,095,302 | 2058 | \$14,870,024 | \$2,678,092 |
| 2027 | \$141,676,685 | \$5,610,778 | 2059 | \$12,582,328 | \$2,607,427 |
| 2028 | \$139,601,205 | \$5,716,908 | 2060 | \$10,485,273 | \$2,537,106 |
| 2029 | \$137,394,404 | \$6,042,320 | 2061 | \$8,578,860 | \$2,466,950 |
| 2030 | \$134,991,153 | \$5,998,849 | 2062 | \$6,863,088 | \$2,254,444 |
| 2031 | \$132,358,454 | \$5,601,898 | 2063 | \$5,337,957 | \$2,177,132 |
| 2032 | \$129,383,721 | \$5,529,671 | 2064 | \$4,003,468 | \$2,105,049 |
| 2033 | \$125,984,976 | \$5,470,010 | 2065 | \$2,859,620 | \$2,033,263 |
| 2034 | \$122,175,556 | \$5,411,060 | 2066 | \$1,906,413 | \$1,961,618 |
| 2035 | \$119,312,062 | \$5,352,451 | 2067 | \$1,143,848 | \$1,767,293 |
| 2036 | \$113,431,594 | \$5,294,178 | 2068 | \$571,924 | \$1,124,339 |
| 2037 | \$106,949,788 | \$4,936,503 | 2069 | \$190,641 | \$221,832 |
| 2038 | \$100,658,624 | \$4,863,178 | 2070 | \$0 | \$460,005 |

## The current (as of 6/30/2006) unfunded liabilities of the Fund are estimated to be $\mathbf{\$ 9 7 0 , 5 2 8 , 3 0 9}$ (see Exhibit 7, top row, labeled 2006)

## Future assessment options

At the request of the GSITF Board, I have presented Exhibit 9 which presents two separate Future Assessments and Liabilities Proposals. These proposals, which will require statutory language changes to initiate, are presented so that the Board may be prepared to negotiate the dissolution of the Fund prior to 2070; the time when all Fund
liabilities are estimated to be satisfied under the current Georgia statutes. These proposals prepare the Fund for initiating a transfer of its future liabilities to a third party or back to the insurance providers. Such a transfer may require that the Fund have available a sum of money necessary to interest a third party in taking over the responsibilities associated with the Fund's obligations from a specific point forward. Once such a transfer takes place, virtually all Fund expenses from that date forward will be eliminated.

Each of the two proposals is designed in the same manner to allow for such a transfer at different times. These proposals contemplate increases in the assessments levied over time in order to amass enough funds to equal the unfunded liabilities of the GSTF at the time of the anticipated liability transfer plus enough in excess of the actual liabilities to cover the expenses associated with the transfer.

It is important to note that the negotiations held at the time of transfer will also consider the future value of the Fund's liabilities at the time of transfer, and this consideration may result in remaining assets in the Fund following a transfer. There has been no attempt made in this analysis to estimate the negotiated terms and conditions (i.e. anticipated discount and interest rates, commissions, future expenses, etc.) of such a transfer.

It is highly recommended that, whenever reimbursements are transmitted from the Fund to insurance providers, regardless of when those reimbursements are transmitted, that the insurance provider incurred losses be appropriately reduced for those received reimbursements. The reduction of insurer incurred losses for all Fund reimbursements received by the insurer is necessary in order that the intended recipients of the benefits of the Fund's operations are the actual recipients of those benefits.

## Proposal A -

Under Proposal A, future Fund assessments would be established at a rate equal to the current assessment rate or $\$ 25,000,000$; whichever is greater. As can be seen on Exhibit 9, under proposal $A$, at the end of fiscal year 2026, it is estimated that there would be enough funds available under this proposal to seek out an entity to take over the liabilities at that time or to negotiate Fund termination with providers at that time.

## Proposal B-

Under Proposal B, future Fund assessments would be established at a rate equal to the current assessment rate or $\$ 41,000,000$; whichever is greater. As can be seen on Exhibit 9, under proposal B, at the end of fiscal year 2020 (the year of statutory Fund termination), it is estimated that there would be enough funds available under this proposal to seek out an entity and to negotiate a portfolio transfer or to negotiate Fund termination at that time.

## EXHIBITS

Exhibit 1 - Dollars of Claims Paid by Injury Year
Exhibit 2 - Cumulative Paid
Exhibit 3 - Year-to-Year Factors
Exhibit 4 - Year-to-Year from 1986
Exhibit 5 - Historical Development
Exhibit 6 - Ultimate Paid
Exhibit 7 - Future Assessments and Liabilities
Exhibit 8 - Initial Claims by Received Date
Exhibit 8a - Number of Claims Still to be Presented
Exhibit 9 - Future Assessments \& Liabilities Alternative Proposals

Exhibit 1 - page 1
Dollars of Claims Paid by Injury Year
Source: GSITF Claim Files

| inj yr | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1977 |  |  | 14,500 | 45,075 | 71,198 | 22,180 |  |  |  |  | 96,341 | 40,565 | 88,457 | 39,012 | 35,737 |
| 1978 |  |  |  |  |  |  |  |  |  |  | 115,569 | 272,389 | 164,321 | 139,236 | 120,483 |
| 1979 | 92,114 |  | 63,710 |  |  |  |  |  | 34,773 | 11283 | 76,834 | 351,300 | 322,910 | 331,395 | 280,765 |
| 1980 |  |  |  |  | 8,333 |  |  | 8,364 |  |  |  | 339,042 | 452,800 | 201,281 | 431,938 |
| 1981 |  |  |  |  |  | 39 |  | 7,360 |  |  |  | 666,459 | 454,141 | 425,083 | 418,411 |
| 1982 |  |  |  |  |  |  | 12,864 | 11,390 | 3,632 | 3430 | 61,198 | 817,371 | 816,142 | 661,151 | 412,925 |
| 1983 |  |  |  |  |  |  |  |  | 0 |  | 7106 | 1,073,840 | 839,823 | 760,476 | 708,764 |
| 1984 |  |  |  |  |  |  |  |  | 130,683 |  |  | 1,425,110 | 1,435,768 | 1,052,140 | 874,342 |
| 1985 |  |  |  |  |  |  |  |  |  | 62940 | 51,270 | 2,669,521 | 2,516,985 | 1,436,760 | 1,495,682 |
| 1986 |  |  |  |  |  |  |  |  |  |  | 46,907 | 4,166,135 | 2,839,862 | 2,081,264 | 2,335,924 |
| 1987 |  |  |  |  |  |  |  |  |  |  | 10,000 | 6,064,836 | 4,485,652 | 4,150,767 | 3,237,181 |
| 1988 |  |  |  |  |  |  |  |  |  |  |  | 5,202,185 | 6,836,004 | 6,604,505 | 6,105,529 |
| 1989 |  |  |  |  |  |  |  |  |  |  |  | 2,611,387 | 5,540,950 | 7,118,535 | 7,196,006 |
| 1990 |  |  |  |  |  |  |  |  |  |  |  | 306,882 | 3,194,656 | 6,739,871 | 9,194,712 |
| 1991 |  |  |  |  |  |  |  |  |  |  |  |  | 207,557 | 2,849,055 | 6,506,846 |
| 1992 |  |  |  |  |  |  |  |  |  |  |  |  |  | 68,969 | 2,479,614 |
| 1993 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 67,112 |
| 1994 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1995 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1996 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1997 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2002 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2004 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Grand Total | 92,114 | 0 | 78,210 | 45,075 | 79,531 | 22,219 | 12,864 | 27,114 | 169,088 | 77653 | 465,225 | 26,007,022 | 30,196,028 | 34,659,500 | 41,901,971 |

Exhibit 1- page 2
Dollars of Claims Paid by Injury Year
Source: GSITF Claim Files

| inj yr | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1977 | 54,494 | 25,996 | 21,978 | 16,354 | 13,622 | 10,326 | 15,030 | 9,142 | 7,309 | 3,555 |  |  | 12,959 |
| 1978 | 148,718 | 117,310 | 170,314 | 85,281 | 61,202 | 52,690 | 107,811 | 130,264 | 55,075 | 74,381 | 29,894 | 35,144 | 81,865 |
| 1979 | 303,174 | 144,943 | 203,517 | 248,457 | 161,804 | 144,913 | 132,783 | 76,657 | 387,009 | 207,021 | 186,239 | 283,382 | 81,574 |
| 1980 | 310,674 | 273,932 | 206,343 | 272,565 | 159,667 | 217,780 | 121,546 | 145,624 | 177,785 | 114,985 | 95,697 | 116,413 | 51,898 |
| 1981 | 375,383 | 352,804 | 334,899 | 179,616 | 345,369 | 237,054 | 174,836 | 207,044 | 285,983 | 148,330 | 142,947 | 139,840 | 97,700 |
| 1982 | 461,474 | 553,814 | 317,712 | 278,584 | 272,042 | 304,347 | 255,914 | 184,112 | 229,259 | 195,947 | 266,252 | 194,211 | 308,480 |
| 1983 | 749,924 | 968,673 | 496,986 | 478,141 | 679,115 | 343,542 | 258,392 | 290,611 | 372,007 | 345,881 | 305,585 | 179,957 | 133,929 |
| 1984 | 541,221 | 701,533 | 610,329 | 565,346 | 629,894 | 343,906 | 360,151 | 268,200 | 338,519 | 138,999 | 179,523 | 199,827 | 155,743 |
| 1985 | 1,310,050 | 659,788 | 1,344,487 | 1,015,659 | 773,316 | 812,599 | 971,548 | 660,992 | 834,150 | 586,133 | 607,502 | 589,619 | 655,618 |
| 1986 | 1,816,691 | 1,603,600 | 1,187,349 | 1,437,168 | 1,121,967 | 495,474 | 794,124 | 799,920 | 717,509 | 715,427 | 593,468 | 373,929 | 306,798 |
| 1987 | 2,827,496 | 2,660,387 | 2,091,900 | 1,355,713 | 1,255,311 | 1,080,784 | 840,498 | 703,121 | 783,554 | 1,019,643 | 740,528 | 626,591 | 465,546 |
| 1988 | 6,263,822 | 4,813,456 | 3,889,313 | 3,439,660 | 2,551,927 | 1,997,040 | 1,593,779 | 1,324,136 | 2,063,367 | 1,046,689 | 830,868 | 763,409 | 580,826 |
| 1989 | 6,496,457 | 6,737,110 | 4,727,805 | 3,947,799 | 2,731,856 | 2,065,596 | 1,236,137 | 1,227,774 | 1,522,714 | 1,363,392 | 1,012,664 | 1,263,879 | 986,631 |
| 1990 | 9,608,715 | 9,471,777 | 6,747,233 | 4,694,025 | 3,339,057 | 2,812,516 | 2,549,703 | 2,025,425 | 2,193,033 | 1,445,006 | 1,300,622 | 1,635,456 | 1,525,281 |
| 1991 | 10,762,611 | 12,375,409 | 12,295,163 | 7,287,131 | 6,828,386 | 4,570,898 | 4,439,567 | 2,159,109 | 2,865,096 | 2,331,864 | 2,192,725 | 1,922,324 | 1,467,577 |
| 1992 | 5,673,012 | 10,306,977 | 10,750,785 | 9,817,934 | 6,339,887 | 5,856,692 | 3,165,721 | 2,766,176 | 3,901,278 | 2,812,444 | 2,755,554 | 1,273,367 | 2,922,946 |
| 1993 | 1,649,225 | 5,792,615 | 10,177,689 | 10,787,565 | 8,344,937 | 6,799,948 | 4,228,633 | 3,249,819 | 3,279,234 | 2,576,505 | 2,389,285 | 1,057,091 | 1,787,821 |
| 1994 | 152,157 | 1,686,540 | 7,140,153 | 10,278,047 | 9,875,979 | 9,210,972 | 6,394,641 | 4,294,270 | 4,071,241 | 2,862,925 | 1,690,396 | 1,772,803 | 2,185,856 |
| 1995 |  | 30,599 | 1,961,555 | 5,889,039 | 10,027,163 | 12,711,221 | 10,679,898 | 6,293,800 | 5,905,361 | 4,185,140 | 3,249,565 | 3,050,228 | 2,278,987 |
| 1996 |  |  | 13,576 | 1,521,899 | 6,690,788 | 13,365,595 | 10,836,312 | 8,675,320 | 7,046,555 | 5,314,842 | 5,358,669 | 5,544,817 | 3,124,241 |
| 1997 |  |  |  | 68,200 | 1,670,624 | 10,257,709 | 12,911,768 | 12,924,782 | 11,925,280 | 8,241,564 | 8,134,053 | 6,339,787 | 6,613,396 |
| 1998 |  |  |  |  | 17,756 | 2,114,847 | 8,171,351 | 11,607,664 | 15,353,230 | 11,791,489 | 9,380,208 | 8,995,016 | 7,615,775 |
| 1999 |  |  |  |  |  | 52,018 | 1,835,253 | 7,491,264 | 13,437,193 | 14,935,144 | 15,536,402 | 14,574,663 | 11,404,010 |
| 2000 |  |  |  |  |  |  | 12,685 | 2,298,318 | 8,526,564 | 14,297,023 | 19,011,605 | 14,146,632 | 15,182,998 |
| 2001 |  |  |  |  |  |  |  | 62,912 | 1,890,410 | 9,273,370 | 16,165,957 | 21,275,450 | 19,311,942 |
| 2002 |  |  |  |  |  |  |  |  | 29,858 | 2,476,882 | 7,936,349 | 19,372,467 | 22,593,356 |
| 2003 |  |  |  |  |  |  |  |  |  | 28,642 | 1,188,819 | 8,342,372 | 19,858,571 |
| 2004 |  |  |  |  |  |  |  |  |  |  | 29,045 | 1,112,460 | 8,853,683 |
| 2005 |  |  |  |  |  |  |  |  |  |  |  |  | 1,036,040 |
| $\begin{aligned} & \text { Grand } \\ & \text { Total } \\ & \hline \end{aligned}$ | 49,505,298 | 59,277,263 | 64,689,086 | 63,664,183 | 63,891,669 | 75,858,467 | 72,088,081 | 69,876,456 | 88,198,573 | 88,533,223 | 101,310,421 | 115,181,134 | 131,682,047 |

Exhibit 2- page 1
cumulative paid
Source: GSITF Claim Files


Exhibit 2- page 2
cumulative paid
Source: GSITF Claim Files

|  | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1977 | 507,559 | 533,555 | 555,533 | 571,887 | 585,509 | 595,835 | 610,865 | 620,007 | 627,316 | 630,871 | 630,871 | 630,871 | 643,830 |
| 1978 | 960,716 | 1,078,026 | 1,248,340 | 1,333,621 | 1,394,823 | 1,447,513 | 1,555,324 | 1,685,588 | 1,740,663 | 1,815,044 | 1,844,938 | 1,880,082 | 1,961,947 |
| 1979 | 1,868,258 | 2,013,201 | 2,216,718 | 2,465,175 | 2,626,979 | 2,771,892 | 2,904,675 | 2,981,332 | 3,368,341 | 3,575,362 | 3,761,601 | 4,044,983 | 4,126,557 |
| 1980 | 1,752,432 | 2,026,364 | 2,232,707 | 2,505,272 | 2,664,939 | 2,882,719 | 3,004,265 | 3,149,889 | 3,327,674 | 3,442,659 | 3,538,356 | 3,654,769 | 3,706,667 |
| 1981 | 2,346,876 | 2,699,680 | 3,034,579 | 3,214,195 | 3,559,564 | 3,796,618 | 3,971,454 | 4,178,498 | 4,464,481 | 4,612,811 | 4,755,758 | 4,895,598 | 4,993,298 |
| 1982 | 3,261,577 | 3,815,391 | 4,133,103 | 4,411,687 | 4,683,729 | 4,988,076 | 5,243,990 | 5,428,102 | 5,657,361 | 5,853,308 | 6,119,560 | 6,313,771 | 6,622,251 |
| 1983 | 4,139,933 | 5,108,606 | 5,605,592 | 6,083,733 | 6,762,848 | 7,106,390 | 7,364,782 | 7,655,393 | 8,027,400 | 8,373,281 | 8,678,866 | 8,858,823 | 8,992,752 |
| 1984 | 5,459,264 | 6,160,797 | 6,771,126 | 7,336,472 | 7,966,366 | 8,310,272 | 8,670,423 | 8,938,623 | 9,277,142 | 9,416,141 | 9,595,664 | 9,795,491 | 9,951,234 |
| 1985 | 9,543,208 | 10,202,996 | 11,547,483 | 12,563,142 | 13,336,458 | 14,149,057 | 15,120,605 | 15,781,597 | 16,615,747 | 17,201,880 | 17,809,382 | 18,399,001 | 19,054,619 |
| 1986 | 13,286,783 | 14,890,383 | 16,077,732 | 17,514,900 | 18,636,867 | 19,132,341 | 19,926,465 | 20,726,385 | 21,443,894 | 22,159,321 | 22,752,789 | 23,126,718 | 23,433,516 |
| 1987 | 20,775,932 | 23,436,319 | 25,528,219 | 26,883,932 | 28,139,243 | 29,220,027 | 30,060,525 | 30,763,646 | 31,547,200 | 32,566,843 | 33,307,371 | 33,933,962 | 34,399,508 |
| 1988 | 31,012,045 | 35,825,501 | 39,714,814 | 43,154,474 | 45,706,401 | 47,703,441 | 49,297,220 | 50,621,356 | 52,684,723 | 53,731,412 | 54,562,280 | 55,325,689 | 55,906,515 |
| 1989 | 28,963,335 | 35,700,445 | 40,428,250 | 44,376,049 | 47,107,905 | 49,173,501 | 50,409,638 | 51,637,412 | 53,160,126 | 54,523,518 | 55,536,182 | 56,800,061 | 57,786,692 |
| 1990 | 29,044,836 | 38,516,613 | 45,263,846 | 49,957,871 | 53,296,928 | 56,109,444 | 58,659,147 | 60,684,572 | 62,877,605 | 64,322,611 | 65,623,233 | 67,258,689 | 68,783,970 |
| 1991 | 20,326,069 | 32,701,478 | 44,996,641 | 52,283,772 | 59,112,158 | 63,683,056 | 68,122,623 | 70,281,732 | 73,146,828 | 75,478,692 | 77,671,417 | 79,593,741 | 81,061,318 |
| 1992 | 8,221,595 | 18,528,572 | 29,279,357 | 39,097,291 | 45,437,178 | 51,293,870 | 54,459,591 | 57,225,767 | 61,127,045 | 63,939,489 | 66,695,043 | 67,968,410 | 70,891,356 |
| 1993 | 1,716,337 | 7,508,952 | 17,686,641 | 28,474,206 | 36,819,143 | 43,619,091 | 47,847,724 | 51,097,543 | 54,376,777 | 56,953,282 | 59,342,567 | 60,399,658 | 62,187,479 |
| 1994 | 152,157 | 1,838,697 | 8,978,850 | 19,256,897 | 29,132,876 | 38,343,848 | 44,738,489 | 49,032,759 | 53,104,000 | 55,966,925 | 57,657,321 | 59,430,124 | 61,615,980 |
| 1995 |  | 30,599 | 1,992,154 | 7,881,193 | 17,908,356 | 30,619,577 | 41,299,475 | 47,593,275 | 53,498,636 | 57,683,776 | 60,933,341 | 63,983,569 | 66,262,556 |
| 1996 |  |  | 13,576 | 1,535,475 | 8,226,263 | 21,591,858 | 32,428,170 | 41,103,490 | 48,150,045 | 53,464,887 | 58,823,556 | 64,368,373 | 67,492,614 |
| 1997 |  |  |  | 68,200 | 1,738,824 | 11,996,533 | 24,908,301 | 37,833,083 | 49,758,363 | 57,999,927 | 66,133,980 | 72,473,767 | 79,087,163 |
| 1998 |  |  |  |  | 17,756 | 2,132,603 | 10,303,954 | 21,911,618 | 37,264,848 | 49,056,337 | 58,436,545 | 67,431,561 | 75,047,336 |
| 1999 |  |  |  |  |  | 52,018 | 1,887,271 | 9,378,535 | 22,815,728 | 37,750,872 | 53,287,274 | 67,861,937 | 79,265,947 |
| 2000 |  |  |  |  |  |  | 12,685 | 2,311,003 | 10,837,567 | 25,134,590 | 44,146,195 | 58,292,827 | 73,475,825 |
| 2001 |  |  |  |  |  |  |  | 62,912 | 1,953,322 | 11,226,692 | 27,392,649 | 48,668,099 | 67,980,041 |
| 2002 |  |  |  |  |  |  |  |  | 29,858 | 2,506,740 | 10,443,089 | 29,815,556 | 52,408,912 |
| 2003 |  |  |  |  |  |  |  |  |  | 28,642 | 1,217,461 | 9,559,833 | 29,418,404 |
| 2004 |  |  |  |  |  |  |  |  |  |  | 29,045 | 1,141,505 | 9,995,188 |
| 2005 |  |  |  |  |  |  |  |  |  |  |  |  | 1,036,040 |

Exhibit 3 - page 1
year to year factors


Exhibit 3 - page 2
year to year factors

| Injury Year | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1977 | 1.120 | 1.051 | 1.041 | 1.029 | 1.024 | 1.018 | 1.025 | 1.015 | 1.012 | 1.006 | 1.000 | 1.000 | 1.021 |
| 1978 | 1.183 | 1.122 | 1.158 | 1.068 | 1.046 | 1.038 | 1.074 | 1.084 | 1.033 | 1.043 | 1.016 | 1.019 | 1.044 |
| 1979 | 1.194 | 1.078 | 1.101 | 1.112 | 1.066 | 1.055 | 1.048 | 1.026 | 1.130 | 1.061 | 1.052 | 1.075 | 1.020 |
| 1980 | 1.215 | 1.156 | 1.102 | 1.122 | 1.064 | 1.082 | 1.042 | 1.048 | 1.056 | 1.035 | 1.028 | 1.033 | 1.014 |
| 1981 | 1.190 | 1.150 | 1.124 | 1.059 | 1.107 | 1.067 | 1.046 | 1.052 | 1.068 | 1.033 | 1.031 | 1.029 | 1.020 |
| 1982 | 1.165 | 1.170 | 1.083 | 1.067 | 1.062 | 1.065 | 1.051 | 1.035 | 1.042 | 1.035 | 1.045 | 1.032 | 1.049 |
| 1983 | 1.221 | 1.234 | 1.097 | 1.085 | 1.112 | 1.051 | 1.036 | 1.039 | 1.049 | 1.043 | 1.036 | 1.021 | 1.015 |
| 1984 | 1.110 | 1.129 | 1.099 | 1.083 | 1.086 | 1.043 | 1.043 | 1.031 | 1.038 | 1.015 | 1.019 | 1.021 | 1.016 |
| 1985 | 1.159 | 1.069 | 1.132 | 1.088 | 1.062 | 1.061 | 1.069 | 1.044 | 1.053 | 1.035 | 1.035 | 1.033 | 1.036 |
| 1986 | 1.158 | 1.121 | 1.080 | 1.089 | 1.064 | 1.027 | 1.042 | 1.040 | 1.035 | 1.033 | 1.027 | 1.016 | 1.013 |
| 1987 | 1.158 | 1.128 | 1.089 | 1.053 | 1.047 | 1.038 | 1.029 | 1.023 | 1.025 | 1.032 | 1.023 | 1.019 | 1.014 |
| 1988 | 1.253 | 1.155 | 1.109 | 1.087 | 1.059 | 1.044 | 1.033 | 1.027 | 1.041 | 1.020 | 1.015 | 1.014 | 1.010 |
| 1989 | 1.289 | 1.233 | 1.132 | 1.098 | 1.062 | 1.044 | 1.025 | 1.024 | 1.029 | 1.026 | 1.019 | 1.023 | 1.017 |
| 1990 | 1.494 | 1.326 | 1.175 | 1.104 | 1.067 | 1.053 | 1.045 | 1.035 | 1.036 | 1.023 | 1.020 | 1.025 | 1.023 |
| 1991 | 2.125 | 1.609 | 1.376 | 1.162 | 1.131 | 1.077 | 1.070 | 1.032 | 1.041 | 1.032 | 1.029 | 1.025 | 1.018 |
| 1992 | 3.226 | 2.254 | 1.580 | 1.335 | 1.162 | 1.129 | 1.062 | 1.051 | 1.068 | 1.046 | 1.043 | 1.019 | 1.043 |
| 1993 | 25.574 | 4.375 | 2.355 | 1.610 | 1.293 | 1.185 | 1.097 | 1.068 | 1.064 | 1.047 | 1.042 | 1.018 | 1.030 |
| 1994 |  | 12.084 | 4.883 | 2.145 | 1.513 | 1.316 | 1.167 | 1.096 | 1.083 | 1.054 | 1.030 | 1.031 | 1.037 |
| 1995 |  |  | 65.105 | 3.956 | 2.272 | 1.710 | 1.349 | 1.152 | 1.124 | 1.078 | 1.056 | 1.050 | 1.036 |
| 1996 |  |  |  | 113.102 | 5.357 | 2.625 | 1.502 | 1.268 | 1.171 | 1.110 | 1.100 | 1.094 | 1.049 |
| 1997 |  |  |  |  | 25.496 | 6.899 | 2.076 | 1.519 | 1.315 | 1.166 | 1.140 | 1.096 | 1.091 |
| 1998 |  |  |  |  |  | 120.106 | 4.832 | 2.127 | 1.701 | 1.316 | 1.191 | 1.154 | 1.113 |
| 1999 |  |  |  |  |  |  | 36.281 | 4.969 | 2.433 | 1.655 | 1.412 | 1.274 | 1.168 |
| 2000 |  |  |  |  |  |  |  | 182.184 | 4.690 | 2.319 | 1.756 | 1.320 | 1.260 |
| 2001 |  |  |  |  |  |  |  |  | 31.048 | 5.747 | 2.440 | 1.777 | 1.397 |
| 2002 |  |  |  |  |  |  |  |  |  | 83.955 | 4.166 | 2.855 | 1.758 |
| 2003 |  |  |  |  |  |  |  |  |  |  | 42.506 | 7.852 | 3.077 |
| 2004 |  |  |  |  |  |  |  |  |  |  |  | 39.301 | 8.756 |
| 2005 |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Exhibit 4

year to year from 1986

|  | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 86 |  | 1.00 | 1.00 | 1.00 | 89.82 | 1.67 | 1.30 | 1.26 | 1.16 | 1.12 | 1.08 | 1.09 | 1.06 | 1.03 | 1.04 | 1.04 | 1.03 | 1.03 | 1.03 | 1.02 | 1.01 |
| 87 |  |  | 1.00 | 1.00 | 607.48 | 1.74 | 1.39 | 1.22 | 1.16 | 1.13 | 1.09 | 1.05 | 1.05 | 1.04 | 1.03 | 1.02 | 1.03 | 1.03 | 1.02 | 1.02 | 1.01 |
| 88 |  |  |  | 1.00 | 1.00 | 2.31 | 1.55 | 1.33 | 1.25 | 1.16 | 1.11 | 1.09 | 1.06 | 1.04 | 1.03 | 1.03 | 1.04 | 1.02 | 1.02 | 1.01 | 1.01 |
| 89 |  |  |  |  | 0.00 | 3.12 | 1.87 | 1.47 | 1.29 | 1.23 | 1.13 | 1.10 | 1.06 | 1.04 | 1.03 | 1.02 | 1.03 | 1.03 | 1.02 | 1.02 | 1.02 |
| 90 |  |  |  |  |  | 11.41 | 2.92 | 1.90 | 1.49 | 1.33 | 1.18 | 1.10 | 1.07 | 1.05 | 1.05 | 1.03 | 1.04 | 1.02 | 1.02 | 1.02 | 1.02 |
| 91 |  |  |  |  |  |  | 14.73 | 3.13 | 2.13 | 1.61 | 1.38 | 1.16 | 1.13 | 1.08 | 1.07 | 1.03 | 1.04 | 1.03 | 1.03 | 1.02 | 1.02 |
| 92 |  |  |  |  |  |  |  | 36.95 | 3.23 | 2.25 | 1.58 | 1.34 | 1.16 | 1.13 | 1.06 | 1.05 | 1.07 | 1.05 | 1.04 | 1.02 | 1.04 |
| 93 |  |  |  |  |  |  |  |  | 25.57 | 4.37 | 2.36 | 1.61 | 1.29 | 1.18 | 1.10 | 1.07 | 1.06 | 1.05 | 1.04 | 1.02 | 1.03 |
| 94 |  |  |  |  |  |  |  |  |  | 12.08 | 4.88 | 2.14 | 1.51 | 1.32 | 1.17 | 1.10 | 1.08 | 1.05 | 1.03 | 1.03 | 1.04 |
| 95 |  |  |  |  |  |  |  |  |  |  | 65.11 | 3.96 | 2.27 | 1.71 | 1.35 | 1.15 | 1.12 | 1.08 | 1.06 | 1.05 | 1.04 |
| 96 |  |  |  |  |  |  |  |  |  |  |  | 113.10 | 5.36 | 2.62 | 1.50 | 1.27 | 1.17 | 1.11 | 1.10 | 1.09 | 1.05 |
| 97 |  |  |  |  |  |  |  |  |  |  |  |  | 25.50 | 6.90 | 2.08 | 1.52 | 1.32 | 1.17 | 1.14 | 1.10 | 1.09 |
| 98 |  |  |  |  |  |  |  |  |  |  |  |  |  | 120.11 | 4.83 | 2.13 | 1.70 | 1.32 | 1.19 | 1.15 | 1.11 |
| 99 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 36.28 | 4.97 | 2.43 | 1.65 | 1.41 | 1.27 | 1.17 |
| 00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 182.18 | 4.69 | 2.32 | 1.76 | 1.32 | 1.26 |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 31.05 | 5.75 | 2.44 | 1.78 | 1.40 |
| 02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 83.96 | 4.17 | 2.86 | 1.76 |
| 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 42.51 | 7.85 | 3.08 |
| 04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 39.30 | 8.76 |
| 05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Exhibit 5 - historical

## development

| dev | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1986 | 1.00 | 1.00 | 0.00 | 89.82 | 1.67 | 1.30 | 1.26 | 1.16 | 1.12 | 1.08 | 1.09 | 1.06 | 1.03 | 1.04 | 1.04 | 1.03 | 1.03 | 1.03 | 1.02 | 1.01 |
| 1987 | 1.00 | 1.00 | 607.48 | 1.74 | 1.39 | 1.22 | 1.16 | 1.13 | 1.09 | 1.05 | 1.05 | 1.04 | 1.03 | 1.02 | 1.03 | 1.03 | 1.02 | 1.02 | 1.01 |  |
| 1988 | 1.00 | 1.00 | 2.31 | 1.55 | 1.33 | 1.25 | 1.16 | 1.11 | 1.09 | 1.06 | 1.04 | 1.03 | 1.03 | 1.04 | 1.02 | 1.02 | 1.01 | 1.01 |  |  |
| 1989 | 0.00 | 3.12 | 1.87 | 1.47 | 1.29 | 1.23 | 1.13 | 1.10 | 1.06 | 1.04 | 1.03 | 1.02 | 1.03 | 1.03 | 1.02 | 1.02 | 1.02 |  |  |  |
| 1990 | 11.41 | 2.92 | 1.90 | 1.49 | 1.33 | 1.18 | 1.10 | 1.07 | 1.05 | 1.05 | 1.03 | 1.04 | 1.02 | 1.02 | 1.02 | 1.02 |  |  |  |  |
| 1991 | 14.73 | 3.13 | 2.13 | 1.61 | 1.38 | 1.16 | 1.13 | 1.08 | 1.07 | 1.03 | 1.04 | 1.03 | 1.03 | 1.02 | 1.02 |  |  |  |  |  |
| 1992 | 36.95 | 3.23 | 2.25 | 1.58 | 1.34 | 1.16 | 1.13 | 1.06 | 1.05 | 1.07 | 1.05 | 1.04 | 1.02 | 1.04 |  |  |  |  |  |  |
| 1993 | 25.57 | 4.37 | 2.36 | 1.61 | 1.29 | 1.18 | 1.10 | 1.07 | 1.06 | 1.05 | 1.04 | 1.02 | 1.03 |  |  |  |  |  |  |  |
| 1994 | 12.08 | 4.88 | 2.14 | 1.51 | 1.32 | 1.17 | 1.10 | 1.08 | 1.05 | 1.03 | 1.03 | 1.04 |  |  |  |  |  |  |  |  |
| 1995 | 65.11 | 3.96 | 2.27 | 1.71 | 1.35 | 1.15 | 1.12 | 1.08 | 1.06 | 1.05 | 1.04 |  |  |  |  |  |  |  |  |  |
| 1996 | 113.10 | 5.36 | 2.62 | 1.50 | 1.27 | 1.17 | 1.11 | 1.10 | 1.09 | 1.05 |  |  |  |  |  |  |  |  |  |  |
| 1997 | 25.50 | 6.90 | 2.08 | 1.52 | 1.32 | 1.17 | 1.14 | 1.10 | 1.09 |  |  |  |  |  |  |  |  |  |  |  |
| 1998 | 120.11 | 4.83 | 2.13 | 1.70 | 1.32 | 1.19 | 1.15 | 1.11 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1999 | 36.28 | 4.97 | 2.43 | 1.65 | 1.41 | 1.27 | 1.17 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 | 182.18 | 4.69 | 2.32 | 1.76 | 1.32 | 1.26 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2001 | 31.05 | 5.75 | 2.44 | 1.78 | 1.40 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2002 | 83.96 | 4.17 | 2.86 | 1.76 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2003 | 42.51 | 7.85 | 3.08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2004 | 39.30 | 8.76 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ave 10 | 73.91 | 5.72 | 2.44 | 1.65 | 1.33 | 1.19 | 1.13 | 1.08 | 1.07 | 1.05 | 1.04 | 1.04 | 1.03 | 1.03 | 1.02 | 1.03 | 1.02 | 1.02 | 1.02 | 1.01 |
| ave 5 med | 75.80 | 6.24 | 2.62 | 1.73 | 1.35 | 1.21 | 1.14 | 1.09 | 1.07 | 1.05 | 1.04 | 1.03 | 1.03 | 1.03 | 1.02 | 1.03 | 1.02 | 1.02 | 1.02 | 1.01 |
| 10 | 53.81 | 5.16 | 2.38 | 1.68 | 1.32 | 1.17 | 1.13 | 1.08 | 1.06 | 1.05 | 1.04 | 1.04 | 1.03 | 1.03 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.01 |
| med 5 | 42.51 | 5.75 | 2.44 | 1.76 | 1.32 | 1.19 | 1.14 | 1.10 | 1.06 | 1.05 | 1.04 | 1.04 | 1.03 | 1.03 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.01 |
| 5 hi lo | 55.25 | 6.10 | 2.58 | 1.74 | 1.34 | 1.21 | 1.14 | 1.09 | 1.07 | 1.05 | 1.04 | 1.03 | 1.03 | 1.03 | 1.02 | 1.03 | 1.02 | 1.02 | 1.02 | 1.01 |
| all ave | 60.25 | 5.79 | 2.49 | 1.71 | 1.33 | 1.19 | 1.13 | 1.09 | 1.07 | 1.05 | 1.04 | 1.04 | 1.03 | 1.03 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.01 |
| select | 55.25 | 6.00 | 2.50 | 1.73 | 1.34 | 1.20 | 1.14 | 1.09 | 1.07 | 1.05 | 1.04 | 1.03 | 1.03 | 1.03 | 1.02 | 1.03 | 1.02 | 1.02 | 1.02 | 1.01 |
| cumul. | 4051 | 73.32 | 12.22 | 4.89 | 2.83 | 2.11 | 1.76 | 1.55 | 1.42 | 1.34 | 1.27 | 1.22 | 1.18 | 1.15 | 1.12 | 1.10 | 1.07 | 1.05 | 1.03 | 1.01 |

Exhibit 6 - Ultimate paid

| injury year | $\begin{gathered} \text { paid } \\ \text { at } 6 / 30 / 2006 \end{gathered}$ | development to 2070 | ultimate |
| :---: | :---: | :---: | :---: |
| 1977 | \$643,830 | 1.001 | \$644,474 |
| 1978 | \$1,961,947 | 1.005 | \$1,971,765 |
| 1979 | \$4,126,557 | 1.008 | \$4,160,892 |
| 1980 | \$3,706,667 | 1.012 | \$3,749,842 |
| 1981 | \$4,993,298 | 1.015 | \$5,068,130 |
| 1982 | \$6,622,251 | 1.019 | \$6,750,413 |
| 1983 | \$8,992,752 | 1.024 | \$9,206,219 |
| 1984 | \$9,951,234 | 1.028 | \$10,231,263 |
| 1985 | \$19,054,619 | 1.033 | \$19,675,045 |
| 1986 | \$23,433,516 | 1.037 | \$24,300,524 |
| 1987 | \$34,399,508 | 1.048 | \$36,048,459 |
| 1988 | \$55,906,515 | 1.067 | \$59,665,957 |
| 1989 | \$57,786,692 | 1.091 | \$63,040,123 |
| 1990 | \$68,783,970 | 1.116 | \$76,794,591 |
| 1991 | \$81,061,318 | 1.149 | \$93,153,871 |
| 1992 | \$70,891,356 | 1.177 | \$83,461,925 |
| 1993 | \$62,187,479 | 1.215 | \$75,586,503 |
| 1994 | \$61,615,980 | 1.253 | \$77,180,807 |
| 1995 | \$66,262,556 | 1.301 | \$86,184,071 |
| 1996 | \$67,492,614 | 1.356 | \$91,547,717 |
| 1997 | \$79,087,163 | 1.427 | \$112,865,829 |
| 1998 | \$75,047,336 | 1.527 | \$114,631,123 |
| 1999 | \$79,265,947 | 1.670 | \$132,407,087 |
| 2000 | \$73,475,825 | 1.902 | \$139,764,129 |
| 2001 | \$67,980,041 | 2.290 | \$155,684,269 |
| 2002 | \$52,408,912 | 3.079 | \$161,363,039 |
| 2003 | \$29,418,404 | 5.329 | \$156,760,969 |
| 2004 | \$9,995,188 | 13.366 | \$133,592,052 |
| 2005 | \$1,750,000* | 80.458 | \$140,802,305 |
| 2006 | \$15,000* | 4460.344 | \$66,905,155 |
| *adjusted |  |  |  |

## Exhibit 7 - page 1

Future Assessments and Liabilities

| cal | funds at |
| :--- | :--- |
| year | beginning <br> of year |
|  |  |

GSITF investment

| assessment | funds at |
| ---: | :--- |
| received | year end |


| assessment | unfunded |
| :--- | :--- |
| for | liabilities |
| next year | at $6 / 30$ |
|  | fiscal yr end |


| 2006 | \$64,022,264 | \$127,963,301 | \$2,393,827 | \$1,258,706 | \$123,053,221 | \$57,977,063 | \$165,958,714 | \$970,528,309 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2007 | \$57,977,063 | \$122,451,942 | \$2,429,734 | \$1,495,521 | \$160,979,953 | \$95,570,861 | \$118,720,037 | \$853,721,245 |
| 2008 | \$95,570,861 | \$109,544,688 | \$2,466,180 | \$1,545,690 | \$115,158,435 | \$100,264,118 | \$91,439,086 | \$736,647,145 |
| 2009 | \$100,264,118 | \$92,582,272 | \$2,503,173 | \$1,461,137 | \$88,695,914 | \$95,335,724 | \$66,683,252 | \$633,483,905 |
| 2010 | \$95,335,724 | \$79,747,918 | \$2,540,720 | \$1,207,195 | \$64,682,754 | \$78,937,034 | \$60,621,822 | \$546,940,531 |
| 2011 | \$78,937,034 | \$65,891,544 | \$2,320,948 | \$1,077,601 | \$58,803,168 | \$70,605,311 | \$44,704,890 | \$476,739,228 |
| 2012 | \$70,605,311 | \$53,584,218 | \$2,355,762 | \$898,896 | \$43,363,743 | \$58,927,971 | \$34,844,410 | \$419,472,870 |
| 2013 | \$58,927,971 | \$43,985,292 | \$2,391,099 | \$717,947 | \$33,799,077 | \$47,068,604 | \$29,905,657 | \$372,105,765 |
| 2014 | \$47,068,604 | \$36,607,821 | \$2,426,965 | \$574,746 | \$29,008,487 | \$37,617,051 | \$26,446,637 | \$332,389,145 |
| 2015 | \$37,617,051 | \$30,969,075 | \$2,463,370 | \$464,052 | \$25,653,238 | \$30,301,896 | \$23,893,986 | \$298,435,648 |
| 2016 | \$30,301,896 | \$26,601,435 | \$2,125,272 | \$382,982 | \$23,177,166 | \$25,135,337 | \$21,417,173 | \$269,108,896 |
| 2017 | \$25,135,337 | \$23,093,702 | \$2,157,151 | \$322,636 | \$20,774,658 | \$20,981,778 | \$19,432,201 | \$243,499,693 |
| 2018 | \$20,981,778 | \$20,071,763 | \$2,189,509 | \$274,953 | \$18,849,235 | \$17,844,694 | \$17,280,892 | \$221,361,614 |
| 2019 | \$17,844,694 | \$17,358,474 | \$2,222,351 | \$235,480 | \$16,762,465 | \$15,261,814 | \$15,115,515 | \$202,206,862 |
| 2020 | \$15,261,814 | \$14,804,146 | \$2,255,687 | \$201,779 | \$14,662,050 | \$13,065,810 | \$12,841,446 | \$186,145,091 |
| 2021 | \$13,065,810 | \$12,324,980 | \$1,831,617 | \$174,593 | \$12,456,202 | \$11,540,008 | \$10,028,706 | \$172,887,850 |
| 2022 | \$11,540,008 | \$9,943,463 | \$1,859,092 | \$148,008 | \$9,727,845 | \$9,613,306 | \$7,787,755 | \$162,491,297 |
| 2023 | \$9,613,306 | \$7,600,292 | \$1,886,978 | \$120,026 | \$7,554,122 | \$7,800,185 | \$5,500,326 | \$154,808,061 |
| 2024 | \$7,800,185 | \$6,215,398 | \$1,915,283 | \$78,660 | \$5,335,316 | \$5,083,479 | \$5,793,468 | \$149,431,756 |
| 2025 | \$5,083,479 | \$5,726,832 | \$1,944,012 | \$63,742 | \$5,619,664 | \$3,096,040 | \$6,925,916 | \$145,943,123 |
| 2026 | \$3,096,040 | \$5,238,266 | \$1,578,538 | \$74,289 | \$6,718,139 | \$3,071,664 | \$6,095,302 | \$143,655,663 |
| 2027 | \$3,071,664 | \$4,749,700 | \$1,602,216 | \$69,006 | \$5,912,443 | \$2,701,197 | \$5,610,778 | \$141,676,685 |
| 2028 | \$2,701,197 | \$4,465,718 | \$1,626,249 | \$46,413 | \$5,442,455 | \$2,098,098 | \$5,716,908 | \$139,601,205 |
| 2029 | \$2,098,098 | \$4,386,319 | \$1,650,643 | \$27,202 | \$5,545,400 | \$1,633,739 | \$6,042,320 | \$137,394,404 |
| 2030 | \$1,633,739 | \$4,306,920 | \$1,675,402 | \$25,796 | \$5,861,050 | \$1,538,262 | \$5,998,849 | \$134,991,153 |
| 2031 | \$1,538,262 | \$4,227,522 | \$1,360,427 | \$27,069 | \$5,818,883 | \$1,796,265 | \$5,601,898 | \$132,358,454 |
| 2032 | \$1,796,265 | \$4,148,123 | \$1,380,833 | \$28,394 | \$5,433,841 | \$1,729,544 | \$5,529,671 | \$129,383,721 |
| 2033 | \$1,729,544 | \$4,068,724 | \$1,401,546 | \$27,202 | \$5,363,781 | \$1,650,258 | \$5,470,010 | \$125,984,976 |
| 2034 | \$1,650,258 | \$3,989,326 | \$1,422,569 | \$25,987 | \$5,305,910 | \$1,570,260 | \$5,411,060 | \$122,175,556 |
| 2035 | \$1,570,260 | \$3,909,927 | \$1,443,907 | \$24,767 | \$5,248,728 | \$1,489,921 | \$5,352,451 | \$119,312,062 |
| 2036 | \$1,489,921 | \$3,830,528 | \$1,465,566 | \$23,542 | \$5,191,878 | \$1,409,247 | \$5,294,178 | \$113,431,594 |
| 2037 | \$1,409,247 | \$3,751,129 | \$1,190,040 | \$24,544 | \$5,135,352 | \$1,627,974 | \$4,936,503 | \$106,949,788 |
| 2038 | \$1,627,974 | \$3,671,731 | \$1,207,890 | \$25,591 | \$4,788,408 | \$1,562,351 | \$4,863,178 | \$100,658,624 |
| 2039 | \$1,562,351 | \$3,592,332 | \$1,226,009 | \$24,436 | \$4,717,282 | \$1,485,729 | \$4,800,853 | \$94,558,102 |
| 2040 | \$1,485,729 | \$3,512,933 | \$1,244,399 | \$23,260 | \$4,656,827 | \$1,408,483 | \$4,739,150 | \$88,648,220 |

Exhibit 7 - page 2
Future Assessments and Liabilities

| cal <br> year | funds at beginning of year | claims <br> paid <br> in year | GSITF <br> expenses | investment income | assessment received | funds at year end | assessment <br> for <br> next year | unfunded <br> liabilities <br> at 6/30 <br> fiscal yr end |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2041 | \$1,408,483 | \$3,433,535 | \$1,263,065 | \$22,080 | \$4,596,976 | \$1,330,940 | \$4,677,746 | \$82,928,980 |
| 2042 | \$1,330,940 | \$3,354,136 | \$1,025,608 | \$22,819 | \$4,537,414 | \$1,511,428 | \$4,358,310 | \$77,400,382 |
| 2043 | \$1,511,428 | \$3,274,737 | \$1,040,993 | \$23,597 | \$4,227,561 | \$1,446,855 | \$4,283,935 | \$72,062,424 |
| 2044 | \$1,446,855 | \$3,195,339 | \$1,056,608 | \$22,477 | \$4,155,417 | \$1,372,803 | \$4,219,040 | \$66,915,108 |
| 2045 | \$1,372,803 | \$3,115,940 | \$1,072,457 | \$21,339 | \$4,092,469 | \$1,298,214 | \$4,154,681 | \$61,958,434 |
| 2046 | \$1,298,214 | \$3,036,541 | \$1,088,543 | \$20,198 | \$4,030,041 | \$1,223,368 | \$4,090,580 | \$57,192,400 |
| 2047 | \$1,223,368 | \$2,957,143 | \$883,897 | \$20,710 | \$3,967,862 | \$1,370,900 | \$3,804,099 | \$52,617,008 |
| 2048 | \$1,370,900 | \$2,877,744 | \$897,156 | \$21,256 | \$3,689,976 | \$1,307,233 | \$3,728,819 | \$48,232,258 |
| 2049 | \$1,307,233 | \$2,798,345 | \$910,613 | \$20,167 | \$3,616,954 | \$1,235,396 | \$3,661,709 | \$44,038,148 |
| 2050 | \$1,235,396 | \$2,718,947 | \$924,272 | \$19,062 | \$3,551,857 | \$1,163,096 | \$3,595,061 | \$40,034,680 |
| 2051 | \$1,163,096 | \$2,639,548 | \$938,136 | \$17,954 | \$3,487,209 | \$1,090,575 | \$3,528,634 | \$36,221,853 |
| 2052 | \$1,090,575 | \$2,560,149 | \$761,767 | \$18,271 | \$3,422,775 | \$1,209,705 | \$3,270,556 | \$32,599,668 |
| 2053 | \$1,209,705 | \$2,480,751 | \$773,193 | \$18,617 | \$3,172,439 | \$1,146,818 | \$3,194,495 | \$29,168,124 |
| 2054 | \$1,146,818 | \$2,401,352 | \$784,791 | \$17,554 | \$3,098,660 | \$1,076,890 | \$3,125,476 | \$25,927,221 |
| 2055 | \$1,076,890 | \$2,321,953 | \$796,563 | \$16,478 | \$3,031,712 | \$1,006,563 | \$3,056,855 | \$22,876,960 |
| 2056 | \$1,006,563 | \$2,242,555 | \$808,511 | \$15,398 | \$2,965,149 | \$936,045 | \$2,988,425 | \$20,017,340 |
| 2057 | \$936,045 | \$2,163,156 | \$656,511 | \$15,548 | \$2,898,773 | \$1,030,698 | \$2,754,825 | \$17,348,361 |
| 2058 | \$1,030,698 | \$2,083,757 | \$666,359 | \$15,722 | \$2,672,180 | \$968,483 | \$2,678,092 | \$14,870,024 |
| 2059 | \$968,483 | \$2,004,359 | \$676,354 | \$14,681 | \$2,597,749 | \$900,200 | \$2,607,427 | \$12,582,328 |
| 2060 | \$900,200 | \$1,924,960 | \$686,500 | \$13,629 | \$2,529,204 | \$831,574 | \$2,537,106 | \$10,485,273 |
| 2061 | \$831,574 | \$1,845,561 | \$696,797 | \$12,574 | \$2,460,993 | \$762,782 | \$2,466,950 | \$8,578,860 |
| 2062 | \$762,782 | \$1,766,162 | \$565,799 | \$12,578 | \$2,392,941 | \$836,340 | \$2,254,444 | \$6,863,088 |
| 2063 | \$836,340 | \$1,686,764 | \$574,286 | \$12,604 | \$2,186,811 | \$774,705 | \$2,177,132 | \$5,337,957 |
| 2064 | \$774,705 | \$1,607,365 | \$582,901 | \$11,583 | \$2,111,818 | \$707,840 | \$2,105,049 | \$4,003,468 |
| 2065 | \$707,840 | \$1,527,966 | \$591,644 | \$10,552 | \$2,041,898 | \$640,679 | \$2,033,263 | \$2,859,620 |
| 2066 | \$640,679 | \$1,448,568 | \$600,519 | \$9,519 | \$1,972,265 | \$573,375 | \$1,961,618 | \$1,906,413 |
| 2067 | \$573,375 | \$1,369,169 | \$487,621 | \$9,398 | \$1,902,770 | \$628,752 | \$1,767,293 | \$1,143,848 |
| 2068 | \$628,752 | \$1,085,379 | \$494,936 | \$12,361 | \$1,714,275 | \$775,074 | \$1,124,339 | \$571,924 |
| 2069 | \$775,074 | \$580,926 | \$502,360 | \$12,390 | \$1,090,609 | \$794,788 | \$221,832 | \$190,641 |
| 2070 | \$794,788 | \$350,923 | \$509,895 | \$4,963 | \$215,177 | \$154,110 | \$460,005 | \$0 |


| EXHIBIT 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Initial Claims by Received Date |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| inj yr | 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 |
| 1971 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 | 1 |  |
| 1972 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  | 1 |
| 1973 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  |
| 1974 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  | 2 |  |  |  |  |  |  | 1 |  | 4 |  |  |
| 1975 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 1 | 1 |
| 1976 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  | 2 |
| 1977 | 2 | 55 | 33 | 8 | 5 | 2 | 3 |  |  | 2 | 1 |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |
| 1978 |  | 71 | 165 | 46 | 12 | 5 | 2 | 1 | 1 | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  | 3 |  | 2 |
| 1979 |  | 1 | 101 | 218 | 74 | 15 | 5 | 5 | 1 |  | 1 |  |  |  |  |  |  | 1 |  |  | 1 |  |  |  | 1 | 3 |  | 5 | 1 | 2 |
| 1980 |  |  |  | 125 | 264 | 84 | 15 | 5 | 2 | 2 | 2 |  |  | 2 |  |  |  |  |  |  |  |  |  |  | 1 |  | 1 | 5 | 1 |  |
| 1981 |  |  |  |  | 163 | 297 | 80 | 20 | 5 | 3 | 3 | 2 | 1 |  | 2 | 1 | 1 | 1 |  |  |  |  |  | 1 |  |  | 1 | 2 | 2 |  |
| 1982 |  |  |  |  |  | 203 | 321 | 89 | 16 | 3 | 2 |  |  | 2 | 2 | 2 |  | 2 | 1 | 1 | 1 |  |  |  |  |  |  | 5 | 1 | 1 |
| 1983 |  |  |  |  |  |  | 186 | 306 | 95 | 17 | 6 | 4 | 1 |  | 1 | 2 | 3 | 3 |  | 2 | 1 |  |  |  |  | 1 |  | 1 | 1 | 1 |
| 1984 |  |  |  |  |  |  |  | 204 | 355 | 99 | 15 | 8 | 8 | 4 | 1 | 3 | 1 | 4 | 2 |  | 3 |  | 1 |  |  |  | 1 | 3 | 2 | 1 |
| 1985 |  |  |  |  |  |  |  |  | 224 | 419 | 122 | 24 | 13 | 9 | 3 | 1 | 1 | 3 | 2 |  | 1 |  |  |  | 1 | 2 | 1 | 10 | 4 | 2 |
| 1986 |  |  |  |  |  |  |  |  |  | 323 | 429 | 132 | 32 | 8 | 11 | 14 | 5 | 5 | 3 | 1 | 1 |  |  |  | 2 |  |  | 9 | 3 | 5 |
| 1987 |  |  |  |  |  |  |  |  |  | 2 | 348 | 526 | 186 | 37 | 19 | 11 | 8 | 5 | 5 | 5 |  | 3 | 1 | 1 | 3 | 1 | 2 | 15 | 1 | 3 |
| 1988 |  |  |  |  |  |  |  |  |  |  |  | 440 | 806 | 232 | 63 | 33 | 17 | 10 | 4 | 9 | 2 | 6 | 1 | 1 | 3 | 2 | 1 | 9 | 3 | 8 |
| 1989 |  |  |  |  |  |  |  |  |  |  |  |  | 651 | 926 | 342 | 83 | 18 | 21 | 13 | 13 | 2 | 4 | 2 | 1 | 2 | 5 | 1 | 18 | 5 | 6 |
| 1990 |  |  |  |  |  |  |  |  |  |  |  |  |  | 891 | 1,333 | 356 | 88 | 38 | 20 | 15 | 7 | 9 | 1 | 5 | 4 | 3 | 1 | 15 | 3 | 8 |
| 1991 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1,171 | 1,509 | 354 | 101 | 49 | 36 | 10 | 4 | 3 | 5 | 2 | 4 | 3 | 22 | 1 | 9 |
| 1992 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1,440 | 1,540 | 374 | 134 | 66 | 24 | 16 | 8 | 9 | 5 | 2 | 5 | 20 |  | 15 |
| 1993 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1,836 | 1,945 | 482 | 131 | 28 | 24 | 11 | 14 | 8 | 5 | 3 | 18 | 3 | 5 |
| 1994 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2,249 | 2,252 | 492 | 129 | 26 | 27 | 21 | 17 | 21 | 9 | 14 | 5 | 13 |
| 1995 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2,748 | 2,242 | 447 | 85 | 54 | 24 | 19 | 14 | 15 | 26 | 8 | 7 |
| 1996 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3,174 | 2,182 | 434 | 110 | 47 | 32 | 33 | 15 | 19 | 12 | 14 |
| 1997 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3,285 | 2,311 | 460 | 127 | 85 | 54 | 42 | 47 | 9 | 14 |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3,948 | 2,600 | 503 | 193 | 94 | 51 | 57 | 21 | 19 |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4,254 | 2,888 | 742 | 209 | 138 | 83 | 30 | 19 |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4,550 | 3,477 | 813 | 295 | 160 | 66 | 47 |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5,171 | 4,010 | 961 | 319 | 106 | 41 |
| 2002 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6,256 | 4,699 | 1,110 | 215 | 82 |
| 2003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9,319 | 5,377 | 860 | 220 |
| 2004 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10,959 | 5,294 | 861 |
| 2005 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10,138 | 5,904 |
| 2006 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6,949 |

Exhibit 8a - Number of Claims Still to be Presented

| calendar <br> year | number <br> at $6 / 06$ | development <br> factor | ultimate number | still to come |
| :---: | :---: | :---: | :---: | :---: |
| 1977 | 116 | 1.000 | 116 | 0 |
| 1978 | 311 | 1.003 | 312 | 1 |
| 1979 | 435 | 1.006 | 438 | 3 |
| 1980 | 509 | 1.011 | 515 | 6 |
| 1981 | 585 | 1.012 | 592 | 7 |
| 1982 | 652 | 1.013 | 660 | 8 |
| 1983 | 631 | 1.016 | 641 | 10 |
| 1984 | 715 | 1.018 | 728 | 13 |
| 1985 | 842 | 1.019 | 858 | 16 |
| 1986 | 983 | 1.021 | 1,003 | 20 |
| 1987 | 1,182 | 1.024 | 1,210 | 28 |
| 1988 | 1,650 | 1.027 | 1,695 | 45 |
| 1989 | 2,113 | 1.029 | 2,175 | 62 |
| 1990 | 2,797 | 1.029 | 2,878 | 81 |
| 1991 | 3,283 | 1.028 | 3,376 | 93 |
| 1992 | 3,658 | 1.027 | 3,758 | 100 |
| 1993 | 4,513 | 1.026 | 4,631 | 118 |
| 1994 | 5,275 | 1.024 | 5,403 | 128 |
| 1995 | 5,689 | 1.023 | 5,819 | 130 |
| 1996 | 6,073 | 1.021 | 6,200 | 127 |
| 1997 | 6,434 | 1.019 | 6,558 | 124 |
| 1998 | 7,488 | 1.018 | 7,625 | 137 |
| 1999 | 8,363 | 1.018 | 8,514 | 151 |
| 2000 | 9,408 | 1.018 | 9,573 | 165 |
| 2001 | 10,608 | 1.020 | 10,823 | 215 |
| 2002 | 12,362 | 1.025 | 12,669 | 307 |
| 2003 | 15,776 | 1.035 | 16,335 | 559 |
| 2004 | 17,114 | 1.058 | 18,107 | 993 |
| 2005 | 16,045 | 1.160 | 18,617 | 2,572 |
| 2006 | 6,951 | 1.897 | 13,186 | 6,235 |
|  | 152,561 |  | 165,015 | 12,454 |

## Exhibit 9

Future Assessments and Liabilities Alternative Proposals

| calendar year | unfunded liabilities at yr end | assessment received proposal A | additional funds received | assessment received proposal B | additional funds received |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 | 912,124,777 | 123,053,221 | 0 | 123,053,221 | 0 |
| 2007 | 795,184,195 | 160,979,953 | 0 | 160,979,953 | 0 |
| 2008 | 685,065,525 | 115,158,435 | 0 | 115,158,435 | 0 |
| 2009 | 590,212,218 | 88,695,914 | 0 | 88,695,914 | 0 |
| 2010 | 511,839,879 | 64,682,754 | 0 | 64,682,754 | 0 |
| 2011 | 448,106,049 | 58,803,168 | 0 | 58,803,168 | 0 |
| 2012 | 395,789,317 | 43,363,743 | 0 | 43,363,743 | 0 |
| 2013 | 352,247,455 | 33,799,077 | 0 | 41,000,000 | 7,254,930 |
| 2014 | 315,412,396 | 29,008,487 | 0 | 41,000,000 | 19,880,499 |
| 2015 | 283,772,272 | 25,653,238 | 0 | 41,000,000 | 36,833,399 |
| 2016 | 256,304,294 | 25,000,000 | 1,836,505 | 41,000,000 | 57,552,409 |
| 2017 | 232,430,654 | 25,000,000 | 6,121,084 | 41,000,000 | 82,245,872 |
| 2018 | 211,784,238 | 25,000,000 | 12,409,796 | 41,000,000 | 110,731,208 |
| 2019 | 194,175,976 | 25,000,000 | 20,895,260 | 41,000,000 | 143,455,365 |
| 2020 | 179,516,470 | 25,000,000 | 31,624,174 | 41,000,000 | 180,750,002 |
| 2021 | 167,689,574 | 25,000,000 | 44,736,412 |  |  |
| 2022 | 158,649,679 | 25,000,000 | 60,794,154 |  |  |
| 2023 | 152,119,908 | 25,000,000 | 79,282,788 |  |  |
| 2024 | 147,687,439 | 25,000,000 | 100,284,200 |  |  |
| 2025 | 144,799,393 | 25,000,000 | 121,314,152 |  |  |
| 2026 | 142,666,174 | 25,000,000 | 141,552,839 |  |  |

Note: when the additional funds under the alternative proposal equal the unfunded liabilities under the current assessment procedure, assessments will no longer be needed.

## CHARTS

Chart 1 - Cumulative Paid / Cumulative Ultimate
Chart 2 - Unfunded Liabilities

2,200,000,000


1,000,000,000
2006
2016
2026
2036
2046
2056
2066


