ATTACHMENT LISTING

Docket #JACL19.02, Exhibit #5 Attendance Listing

Docket #JACL19.06, Exhibit #2 CAR 2020 Filing and AIB Analyses

JOINT ACTUARIAL COMMERCIAL LINES COMMITTEE MEETING SIGN-IN SHEET DECEMBER 18, 2019

Individual's Name

Company / Agency

| E PRINT |
|--------------------|
| Pilsaln |
| Pilgaln Hanover |
| Quin |
| Arbella |
| Deland, Gibson |
| MAPFRE |
| A C |
| CAR |
| Satery lusuance |
| CAR |
| CAR |
| CAR |
| CAR |
| |
| |
| |
| |
| · . |
| |
| |
| |
| |
| |
| |
| |

CAR 2020 Filing and AIB Analyses

Recent Filing History

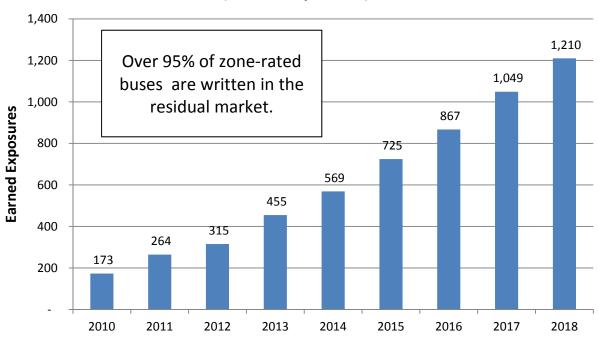
| Effective Date | Rate Change | Premium | Notes |
|----------------|-------------------------|----------------------------|--------------------------|
| 2/1/2018 | +8.6% | \$9.8M | \$3.2M from Zone-Rated |
| 3/1/2019 | +8.1% (+11.5% Filed) | \$10.8M (\$15.5M filed) | Large loss load rejected |
| 5/1/2020 | +6.3% | \$9.8M | \$6M from Zone-Rated |

2020 Filing - Highlights

- Updated BI and PDL ILFs
- Zone base rate indications
- Experience Rating Plan introduction of on-balance factor

Zone Rated-Vehicles

Residual Market Zone-Rated Buses (Earned Exposures)



Zone Rating: 4 Areas to Be Addressed

- 1) Zone base rates and rate structure
 - Base Rates: Historically, CAR revised base rates according to TTT & Bus changes (out of sync with actual zone-rated experience). 2020 filing produced indication based on zone-rated experience; filed for +26.6% to liability base rates (no change to rate structure)
 - Rating Structure: Underlying zone relativities embedded in base rates out of date. No physical damage cost increments for vehicle values > \$90K. Rate structure out of date (large grids of physical damage rates rather than base rates with relativities). Company re-programming implications...

2) Increased limits factors

- Zone-rated vehicles use ILFs for non-zone TTTs and Buses.
- Indications support higher BI ILFs for zone-rated vehicles. (Consistent with other states.) Also supports higher PDL ILFs (for Buses only).
- Virtually all zone-rated buses are written at \$5M limit.

3) Primary rating factors

 Began to address with increase to Bus factors in 2018 filing. (DOI required reduction offsets to TTT primary factors, rather than base rates – will also need to be addressed.)

| Zone-Rated | 2018 Earne | d Exposures | Zone-Rated Buses Primary Class Factor | | | | | |
|-------------|------------|-------------|---------------------------------------|---------------------------|------------|------------|--|--|
| Bus Class | Residual | Voluntary | Indicated | cated Pre-2018 2018 Filed | | 2020 Filed | | |
| | Market | Market | (AIB/ISO) | (CAR) | 2018 Fileu | ZUZU FIIEU | | |
| Airport | 0 | 3 | 1.10 | 1.00 | 1.10 | | | |
| Inter-City | 100 | 0 | 1.85 | 1.00 | 1.30 | No | | |
| Charter | 947 | 56 | 1.85 | 1.00 | 1.30 | Change | | |
| Sightseeing | 88 | 0 | 1.65 | 1.00 | 1.30 | | | |

4) Out of state garaging

- North Carolina residual market provides rates for out-of-state garaged vehicles at 42% higher than in-state.
- Will require company reporting of out-of-state garaging to implement

Experience Rating Plan

| | Average Residual |
|----------|------------------|
| Accident | Market Liability |
| Year | EMOD |
| 2014 | 0.902 |
| 2015 | 0.919 |
| 2016 | 0.910 |
| 2017 | 0.930 |
| 2018 | 0.924 |

Latest (2018) liability off-balance is \$6.7M.

2019 Filing Changes

- Modify liability plan parameters to raise maximum single losses to be comparable with other states' residual markets
- Begin 4-cycle phase-out of Physical Damage experience rating plan

2020 Filing Changes

- Introduce plan adjustments for off-balances (continual annual re-balancing)
- Continue physical damage plan phase-out

Zone Rating Examples

| | Example 1 Zone Rated Charter Bus (\$5M Limit) Zone 49 (NE) to Zone 26 (NY) Non Fleet | | | | | | | | | | | | | | | |
|-------|---|------------|--------------|---------|---------------|--------------|---------|--------|------------|-------------|----------|-----------|----------|----------|--------|--------|
| | | CAR Currer | nt Rates (NE | to NYC) | CA | R 2020 Filed | Rates | | (| CAR Indicat | ed Rates | | | | | |
| es | | ВІ | PDL | Total | ВІ | PDL | Total | change | ВІ | PDL | Total | change | | | | |
| Rates | Base Rate | 1,963 | 889 | | 2,483 | 1,130 | | | 2,483 | 1,130 | | | | | | |
| 2 | Primary Factor | 1.30 | 1.30 | | 1.30 | 1.30 | | | 1.85 | 1.85 | | | | | | |
| CAR | ILF | 3.860 | 1.792 | | 4.440 | 1.825 | | | 8.950 | 2.430 | | | | | | |
| | Basic Limits Premium | 2,552 | 1,156 | 3,708 | 3,228 | 1,469 | 4,697 | 26.7% | 4,594 | 2,090 | 6,684 | 80.3% | | | | |
| | Total Limits Premium | 9,850 | 2,071 | 11,921 | 14,333 | 2,681 | 17,014 | 42.7% | 41,116 | 5,080 | 46,195 | 287.5% | | | | |
| | | AIPSO | NY (NYC to | NE) | North Carol | ina (NE to E | astern) | | AIPSO CT (| NE-NYC) | | AIPSO NJ | (NYC-NE) | AIPSC | RI (NE | -NYC) |
| Rates | | ВІ | PDL | Total | ВІ | PDL | Total | | Liab | Total | | Liab | Total | Li | ab | Total |
| 8 | Base Rate | 5,409 | 1,238 | | 1,834 | 1,931 | | | 3,769 | | - | 7,671 | <u> </u> | 3,51 | 0 | |
| ate | Primary Factor | 1.85 | 1.85 | | 1.85 | 1.85 | | | 1.85 | | | 1.85 | | 1. | 35 | |
| State | ILF | 4.50 | 4.50 | | 11.87 | 1.49 | | | 3.08 | | _ | 3.76 | | 3. |)4 | |
| e | Basic Limits Premium | 10,007 | 2,290 | 12,297 | 3,393 | 3,572 | 6,965 | | 6,973 | 6,973 | | 14,191 | 14,191 | 6,49 | 4 | 6,494 |
| Other | Total Limits Premium | 45,030 | 10,306 | 55,336 | 40,274 | 5,323 | 45,597 | | 21,476 | 21,476 | | 53,359 | 53,359 | 19,74 | 0 | 19,740 |
| | | 25/50/10 | | | 30/60/25 Gara | ged out of s | state) | | \$75K CSL | | | \$35K CSL | | \$75K CS | - | |

| | Example 2 TTT - Extra Heavy Truck (\$1M Limit) \$1M Limit Zone 49 (NE) to Zone 26 (NY) Non Fleet | | | | | | | | | | | | | | | |
|--------|--|----------|-------------|--------|---------------|---------------|---------|--------|------------|------------|----------|-----------|----------|-----|-------------|---------|
| | | CAR | Current Rat | es | CA | R 2020 File | d Rates | | | AR Indicat | ed Rates | | | | | |
| Rates | | ВІ | PDL | Total | ВІ | PDL | Total | change | ВІ | PDL | Total | change | | | | |
| Re | Base Rate | 1,963 | 889 | - | 2,483 | 1,130 | | | 2,483 | 1,130 | | | | | | |
| CAR | Primary Factor | 0.96 | 0.96 | | 0.96 | 0.96 | | | 0.96 | 0.96 | | | | | | |
| Ú | ILF | 3.130 | 2.090 | | 3.600 | 2.201 | | | 5.650 | 2.200 | | | | | | |
| | Basic Limits Premium | 1,884 | 853 | 2,738 | 2,384 | 1,085 | 3,469 | 26.7% | 2,384 | 1,085 | 3,469 | 26.7% | | | | |
| | Total Limits Premium | 5,898 | 1,784 | 7,682 | 8,582 | 2,387 | 10,969 | 42.8% | 13,469 | 2,386 | 15,855 | 106.4% | | | | |
| Se | | AIPSO | NY (NYC to | NE) | North Caro | lina (NE to E | astern) | | AIPSO CT (| NE-NYC) | [| AIPSO NJ | (NYC-NE) | | AIPSO RI (N | IE-NYC) |
| tates | | ВІ | PDL | Total | BI | PDL | Total | | Liab | Total | | Liab | Total | | Liab | Total |
| e ~ | Base Rate | 5,409 | 1,238 | - | 1,834 | 1,931 | | | 3,769 | | - | 8,007 | | | 3,510 | |
| State | Primary Factor | 1.1 | 1.1 | | 1.1 | 1.1 | | | 1.15 | | | 1.45 | | | 1.45 | |
| S | ILF | 2.86 | 2.86 | | 5.61 | 1.33 | | | 2.05 | | | 2.46 | | | 2.02 | |
| hel | Basic Limits Premium | 5,950 | 1,362 | 7,312 | 2,017 | 2,124 | 4,142 | | 4,334 | 4,334 | - | 11,610 | 11,610 | | 5,090 | 5,090 |
| Other | Total Limits Premium | 17,017 | 3,895 | 20,911 | 11,318 | 2,825 | 14,143 | | 8,885 | 8,885 | | 28,561 | 28,561 | | 10,281 | 10,281 |
| | | 25/50/10 | | | 30/60/25 Gara | aged out of | state) | | \$75K CSL | | | \$35K CSL | | \$7 | 5K CSL | |

Automobile Insurers Bureau of Massachusetts

2020 CAR Filing and AIB Analyses (Valuation)

| Acti | vity | Impact | Notes |
|---|--|--|---|
| | New ILFs and Zone Base Rates | +\$9.8M | |
| 2020 Rate Filing | Experience Rating | +\$6.7M | Continually bring plan on-balance. |
| | Base Rates | +\$6M (included in +\$9.8M of 2020 filing above) | Filed in for 2020 |
| AIB Review: Zone-Rated Buses and TTTs | Zone Rated ILFs | +\$29M | Large increases to \$1M and \$5M BI limits (smaller increases to Bus PDL limits). |
| | Rating Factors | Revenue Neutral | Increase rates for certain bus classes; offset in base rates. |
| | Out-of-State Rate Differential | Revenue Neutral | Raises rates for vehicles garaged out- of-state; offset instate rates. |
| PPT Non-Fleet Imbalance | Estimated contribution to 2018 deficit | -\$14.6M | |

CAR DOCKET #JACL19.06

COMMERCIAL ULTIMATE POLICY YEAR DEFICIT PROJECTIONS BASED ON DATA REPORTED THROUGH QUARTER ENDING SEPTEMBER 2019 (000's OMITTED)

EXHIBIT #: 14

DOCKET #: LR 19.07 JACLES-1006#2
PAGE 6 OF 6

PAGE: 1 of 2

SUMMARY EXHIBIT

| | Policy | Policy Year 2017 | | Year 2018 | Policy Year 2019 | | |
|--------------------------|----------|------------------|----------|-----------|------------------|--------|--|
| | Dollars | % Prem | Dollars | % Prem | Dollars | % Prem | |
| | | | | | | | |
| | | | | | | | |
| Premium | 182,600 | 100.0% | 195,900 | 100.0% | 207,900 | 100.0% | |
| Losses Incurred and ALAE | 163,610 | 89.6% | 192,374 | 98.2% | 203,534 | 97.9% | |
| Underwriting Expenses | 45,705 | 25.0% | 45,841 | 23.4% | 45,530 | 21.9% | |
| Underwriting Result | (26,715) | -14.6% | (42,315) | -21.6% | (41,164) | -19.8% | |