**Purpose of the Group Capital Calculation (GCC) in Holding Company Analysis**

The following information is intended to provide background and context of the issues/considerations for analysts when utilizing the NAIC Group Capital Calculation (GCC) for an insurance holding company (hereafter referred to as “group”) completing the GCC where required.

**Background Information**

Beginning in 2008, the NAIC [Solvency Modernization Initiative](http://www.naic.org/index_smi.htm) (SMI) began to consider whether there were any lessons learned from the financial crisis that would cause the solvency framework to be modified. The NAIC determined that changes should be made to the group supervision framework in the area of group supervision, starting with the new annual requirement for the Lead State of each group operating in the U.S. to complete a written holding company analysis. Since that time, other changes to state laws have been made to further enhance group supervision (e.g. Form F, ORSA, and Corporate Governance reporting). All of these new tools are inputs into the previously mentioned holding company analysis, which is now summarized into a consistent tool used by all states in what is known as the Group Profile Summary (GPS).

**Benefits of the GCC & Methods for Achieving**

The Group Capital Calculation Instructions describes the background, intent, and calculation for the GCC in detail. As stated in the Group Capital Calculation Instructions, the GCC and related reporting provides more transparency of an insurance group’s structure and related risks to insurance regulators and makes those risks more identifiable and more easily quantified. In this regard, the tool is intended to assist regulators in holistically understanding the financial condition of non-insurance entities, how capital is distributed across an entire group, and whether and to what degree insurance companies’ capital may be put at risk from the operations of non-insurance entities, potentially undermining the insurance company’s financial condition and/or placing upward pressure on premiums to the detriment of insurance policyholders.

The manner in which the GCC achieves some of these benefits varies. For example, with regard to understanding how capital is distributed across an entire group can be seen in two ways, both by viewing the Tab titled “Input 4-Analytics” as follows: 1) the display of the “Ratio of Actual to Required Capital”; 2) display of “Required Capital” in a separate column. The degree of subsidization can also be seen in the “Input 4-Analytics” tab, with the display of the columns as follows: 1) Capital Contributions Received/(Paid); 2) Net Income. While certainly one year of information can show this exists, most of this benefit will not be seen until after further years of the GCC are reported within the template. Once five years of data are displayed in this “Input 4-Analytics” tab, it will allow the analyst to better understand the financial condition of the group as a whole as well as the non-insurance entities. Of course, such conclusions can only be made once the analyst can both see such data as well as understand from the group what is occurring that is leading to such figures.

This calculation provides an additional early warning signal to regulators so they can begin working with a company to resolve any concerns in a manner that will ensure that policyholders will be protected. This early warning signal can be seen with the trending of the financial information in the “Input 4-Analytics” tab as well as through the application of sensitivity analysis in the Input 5 Tab and inclusion of other relevant information in the Input 6 Tab . However, the analyst should also understand that other “qualitative tools” such as the Form F, are capable of also providing early warning signals if properly reported by the group. In addition, since most holding company systems may have a larger percentage of their operations in the insurance businesses, the insurance trends for the U.S. insurers in the group should already be known and made available to the lead-state by the legal entity regulator. However, in the context of added policyholder protection, this largely comes into play with respect to the added quantitative data on non-insurers.

The GCC is an additional reporting requirement but with important confidentiality protections built into the legal authority to require such reporting. State insurance regulators already have broad authority to take action when an insurer is financially distressed, and the GCC is designed to provide regulators with further insights to allow them to make informed decisions on both the need for action, and the type of action to take. While the new information from the GCC may offer new insights, its equally important to understand that it will be up to the analyst to work with the insurance group to actually understand what is leading to the figures reported in the GCC, and from that perspective, especially in the early years of the GCC, it will require learning by both the analyst and the group to really be able to utilize the GCC in a manner as suggested in these introductory paragraphs.

**Other Considerations When Considering Such Benefits**

Recent events and economic conditions (i.e., pandemic, recession, etc.) can create stresses on a group, reinforcing the value of the quantitative data included in the GCC. Some stresses are similar to those experienced during the financial crisis and others are more unique. However, because the GCC is based upon a methodology that gets its inputs from individual legal entities, the capital calculated for each legal entity certainly can only capture the allowed capital resources of the legal entities in the group. While such an aggregation-based methodology is an appropriate group-level capital measure, until experience is gained with the GCC, it is not known as to how the GCC will behave in response to business cycles and various risk events, given in part because it only recognizes limited diversification benefits among entities in the group except for the diversification embedded in existing entity specific regulatory capital requirements. And while the GCC is not meant to be used in a way that compares groups to each other, it’s also true that its unknown how it will behave across groups, peers and even sectors. This is true both because of its limited diversification benefit, the differences between group types (mutual v. stock holding company), grouping of entities, and scope of entities included in the calculation. But also because application of jurisdictional accounting principles and use of scalars could have an impact on this as well via the foreign insurer profile of the group. The quantitative data collected in the GCC will evolve as state insurance regulators and insurance groups increase their understanding of the impact on available capital and calculated capital.

The following guidance on the GCC is intended to be utilized in a manner that allows the GCC to enhance group-wide financial analysis and to be used as an additional input into the GPS. The GCC provides the quantification of risk within the group and when combined with the information from the ORSA on the amount of capital needed to run the company’s current business model, puts the regulator in a much better position to understand the available capital and calculated capital within a group, as well as the financial condition of the group. Both are complimentary tools to each other, with the ORSA providing management’s internal approach to capital management, and beneficial in understanding the economics of the group, the GCC provides a standard model that can better enable the analyst to understand where the entire group stands with respect to existing legal entity requirements as well as broad measures of risk for non-insurers.

**Utilization of the Group Capital Calculation in the Lead State’s Responsibilities**

The lead state is responsible for completing the holding company analysis and documenting a summary of that analysis in the GPS. The depth and frequency of the holding company analysis will depend on the characteristics (i.e., sophistication, complexity, financial strength) of the insurance holding company (group) system (or parts thereof), and the existing or potential issues and problems found during review of the insurance holding company filings.

It can be summarized that the analysis of the GCC will be used in a similar fashion under this guidance since it provides the depth of the review in the “five-step process” will vary by group and situations where for example in some groups, very little if any work (inquiries of the group) will be done after the first step due to a generally strong GCC figure and generally positive trends of the ratio over time, while in other groups, the analyst may need to proceed through each of the five steps. Exactly how the analyst proceeds through the guidance will be dictated by a multitude of factors and requires judgement.

**GCC Construction That Also Impact its Utilization and Review**

Some decision points may be addressed prior to the submission of a GCC template. These include: the scope of application (e.g. whether segments of the holding company system should be excluded for financial conglomerates); whether a limited filing will be allowed (as permitted in Model Law #440 and Model Regulation #450); and whether subgroup reporting (as defined in the GCC instructions) of a foreign insurance group will be required. In general, the analytics provided by the GCC will be similar for all entities included in the template. See the end of this section (Primer on the Group Capital Calculation Formula) to better understand these points.

These facts are also a consideration in determining the depth of the analysis of the GCC and subsequent correspondence with the group. Refer to chapter VI.B. Roles and Responsibilities of Group-wide Supervisor/Lead State for details on responsibilities for completing the GPS.

The utilization of the GCC can be summarized as an additional input into the GPS. More specifically, once the analyst completes their review of the GCC, the overall ratio, the trend of the ratio, a summary should be incorporated into the GPS to help support the assessment of strategic risk.

**Documentation of Review of the GCC in the Group Profile Summary (GPS)**

The purpose of procedures is to document the GCC into the GPS. The following provides an example of a GCC Summary that represents the minimum expected input of the GCC into the GPS, with additional information also reported within the Strategic branded risk classification. The other purpose of this section is to determine if more follow-up should be performed and, if so, to assess the results of that additional review. The following is intended to assist in understanding summary documentation of the GCC to be included in the GPS.

**Group Capital Calculation (GCC) Summary**

Summarize your assessment of the GCC both quantitatively and qualitatively, including any such items as may not be applicable to a branded risk category. For example, it may be appropriate to indicate “*The review of the group’s GCC indicated the scope of the application is consistent with the lead state’s determination*” and if possible to summarize succinctly, the general scope of the GCC. For example, “*the GCC includes all U.S. and Bermuda operations, but excludes ABC non-insurance operations in South American countries”*. It may also be appropriate to identify key drivers of risks for the group within the GCC that are discussed later in the branded risk categories, as those risks may be related to and supplement existing risk assessments derived from holding company analysis or they may be new risks that warrant further review. “*The group’s GCC of 201% in the current year was impacted by a decline in Total Available Capital of $X which is related to group’s non-insurance operations in Bermuda and as well as the negative impact of market risks in the U.S. insurance legal entity ratio components, which based on further analysis has resulted from the recent financial market volatility*”.

**Branded Risk Assessment**

**Strategic:** *The group’s Group Capital Calculation is assessed as low and stable, and is a positive consideration in the overall assessment of strategic risk.  The GCC has generally been strong and consistent over the past five years as illustrated in the following table. Additionally, refer to the GCC Summary for further details.*

 ***CY PY PY1 PY2 PY3***

 ***GCC Ratio*** *201% 207% 163% 202% 197%*

GCC Summary and Strategic Branded Risk Documentation:

The above information documented in a summary section of the GPS and into the Strategic branded risk is expected to be the primary type of information that is always documented into the GPS since the GCC does provide a capital measurement of the group and consistent with the branded risk categories, should be reported in the strategic risk section. Similar to how RBC for individual insurance company is helpful in allowing the analyst to better evaluate other potential issues given capital represents a relative measure of cushion for adverse risks, the GCC and inclusion herein helps regulators to understand the same relative to a group. While the GCC is not a capital requirement, with specified ladders of intervention, each of the insurance legal entity figures are relative to individual company requirements, and therefore the GCC can provide a relative measure of strength against such minimum capital levels of the insurers.

Other Branded Risk Documentation:

To the extent the ratio was trending negatively, or available capital was decreasing, the analyst may choose to include more information in the strategic section of the GPS that summarizes any key drivers of such if they did not fall into one of the branded risk categories. Those drivers of the change would likely be documented in other specific branded risk categories, for example Pricing/Underwriting if driven by weak insurance underwriting, or Reserving if the drivers were reserve deficiencies, etc. References to other branded risk categories may also be appropriate. However, practically speaking, this may not always occur or be possible for the analyst to pinpoint given the multitude of risks within any insurers regulatory capital requirement formulas. This guidance is simply meant to suggest that if the GCC does in fact appear to show particular trends that are noteworthy on specific risks such as the underwriting branded risk, further documentation into that (applicable) branded risk may be appropriate.

A determination for when documentation of risks from the GCC into other branded risk categories may be appropriate is driven by both the question of whether any of the thresholds in Procedures 1a-1e were met, and the information obtained from the rest of the GCC information as described in Procedures 2-4. The GCC Summary is intended to be high-level, therefore other more detailed observations from reviewing the GCC should generally not be documented into the GPS unless they are specifically insightful, add to a high-level understanding of the group’s financial condition, as shown in the example above, or are specific to a branded risk category as stated.

Other Considerations:

In addition to the broad guidance provided herein on the documentation of the GCC into the GPS, the analyst should also understand the following more general points that could impact the GCC result for a particular group, judgement is required when considering these points:

* If the group has a significant amount of business in legal entities that are domiciled in jurisdictions whose capital regime is based on market-based valuations, the GCC will inherently be more volatile (as compared to a pure U.S.-based group for which RBC and statutory valuations are the norm).
* Similarly, a group may have legal entities that are solely based in jurisdictions that utilize a standard model for capital requirements or have entities in jurisdictions where the use of internal models has been approved. All else being equal, the manner in which capital measures quantify requirements and behave over time will differ to some extent between the two. Also, a change from a standard method to one based on internal models for a key subsidiary will likely produce a noticeable change in the GCC that is not reflective of changes in the entity’s underlying business.
* The GCC provides a means for analysts to identify non-insurance operations outside of the insurance group and to determine the extent of risk they may pose to the insures within the group. However, in doing so, analysts should understand that findings from review of Forms B, D and F might be equally valuable in these situations.
* When evaluating capital requirements for non-insurer financial entities that are not subject to regulatory capital requirements, consideration should be given to the appropriateness of the GCC’s capital charge for a specific entity’s financial operations (e.g. an entity conducting large volume or size of complex transactions but with little net revenue or equity).
* When evaluating capital requirements for non-insurer / non-financial entities consideration should be given to the appropriateness of the level of risk assigned to specific entities.

Detailed Observation Documentation:

More detailed observations shall be documented separately from the GPS and in a form not dictated by the NAIC. As in all holding company analysis, the level of documentation is determined by the state insurance department and is dependent on the characteristics and complexity of the group and its risks. These detailed observations generally need to only note observations that are indicative of drivers of trends and/or actions being taken by the group to mitigate risks. In some cases, these points can be easily summarized into the GPS, in other cases they are too detailed and should be documented instead within the separate document not dictated in form by the NAIC. The analysts are not expected, nor should they spend time documenting subtle changes within either the GCC or individual company movements that either do not create a trend at the group level or identify a growing weakness in the group. However, judgment is required to make this determination. For example, a 10% decrease in an RBC ratio of one of the smaller insurers within the group generally would not be documented, although a 10% decrease in an RBC ratio in one of the larger insurers in the group that causes, or jointly with other insurers, causes a 10% decrease in the GCC should be noted. However, it should be understood also that this 10% threshold is not intended to be a used as a “bright-line”, and in fact it’s possible the 10% is not necessarily indicative of any negative trends at all. This could be the case when for example there was a change in the regulatory capital requirement. Therefore, again, judgement is required in making these determinations and this, as well as other thresholds used in this guidance are not meant to be bright-lines. As the GCC is used more, both by the individual analyst, as well as all of the states, using judgement around these threshold are expected to become easier.

## Specific Procedures for Completing Analysis of the GCC

It should be understood that if the analyst determines after completing any of the above procedures (steps), that no further work is deemed necessary to fully document the material risks of the group observable from the GCC (as well as the required information to be included in all GPS from the GCC), this should be documented by the analyst in any workpapers deemed appropriate by the state and the general reasons therefore. In making this determination, it should be reiterated these procedures are not intended to be used in a checklist manner and judgement based upon existing information on the group obtained from the Form F, ORSA, or any other source is certainly part of that judgement decision.

***Procedures Step 1a-1e***

The purpose of procedures 1a-1e is to assess the GCC level and to identify the drivers of any changes in the GCC, in order to summarize and to document that overall assessment in the GPS and its strategic risk category, which is the minimum expected input of the GCC into the GPS. However, the analyst should understand that in the early years of the GCC, limited amount of prior year(s) comparative data will be available, therefore requiring more judgement in determining where further analysis is warranted. Such judgement may need to be based upon various factors, including but not limited to other known information regarding the applicable group obtained from other sources (e.g. ORSA, Form F, Form B, etc).

Procedure 1 is also intended to help the analyst determine if more follow-up analysis work should be performed. However, if the answer to any of the questions in 1a-1e is “yes”, the analyst should proceed with step 2, evaluating decreases in total available capital and/or step 3, evaluating increases in leverage to determine the cause(s) of the negative trends. In the example provided above, the ratio is above 150%, which suggests further review may not be necessary. In addition, the trends are positive with no decreases in the base ratio and the only year below the 150% benchmark being in PY1 where presumably the analyst may have performed some level of inquiry to the holding company to understand the driver of the drop. Even then the drop was below the Handbook’s predefined threshold of 10% and may not have been necessary.

***Procedures Step 2a-2m***

Unlike step 1, the intent of the step 2 (and 3) is to determine the actual source of the negative issues and where to document them in the GPS. Procedure 2a is specifically focused on identifying the category of legal entities (and subsequently the individual legal entities) that might be driving the issues by looking at the ratio of actual- to-required capital for the legal entity insurers over the available years reported. The following sample of a table from the GCC calculation completed by the group from the data in Schedule 1 can be helpful in determining the source of the issues.

|  |  |
| --- | --- |
| **Insurance Capital Table** | **Ratio of Actual to Required Capital** |
| **Template Groupings** | **2024** | **2023** | **2022** | **2021** | **2020** |
| [1] | [2] | [3] | [4] | [5] |
| **RBC Filing U.S. Insurer (P&C)** | [1] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Life)** | [2] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Health)** | [3] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Captive)** | [4] | XXXX | XXXX | XXXX |   |   |
| **Non-RBC filing US. Insurer**  | [5] | XXXX | XXXX | XXXX |   |   |
| **Canada - Life** | [6] | XXXX | XXXX | XXXX |   |   |
| **Canadian - P&C** | [7] | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Other** | [8] | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Commercial Insurers** | [9] | XXXX | XXXX | XXXX |   |   |
| **Japan - Life** | [10] | XXXX | XXXX | XXXX |   |   |
| **Japan - Non-Life** | [11] | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Life** | [12] | XXXX | XXXX | XXXX |   |   |
| **Solvency II -- Composite** | [13] | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Non-Life** | [14] | XXXX | XXXX | XXXX |   |   |
| **Australia - All** | [15] | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Life** | [16] | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Non-Life** | [17] | XXXX | XXXX | XXXX |   |   |

Procedure 2b recognizes that the GCC does allow some debt to be included in capital up to a predetermined limit and can drive the overall GCC ratio. The following sample table taken from the GCC calculation using the data in Schedule 1 can be helpful in making this determination. Cases where debt is issued to address risk driven reductions in the GCC ratio, may not offset those reductions. This data metric may not be available in the case of a “limited filing”.

|  |  |
| --- | --- |
| **Debt/Equity Table**  | **Debt/Equity ($)** |
| **Template Groupings** |  | **2024** | **2023** | **2022** | **2021** | **2020** |
| [1] | [2] | [3] | [4] | [5] |
| **Total** | [8] | XXXX | XXXX | XXXX | 0 | 0 |

Procedure 2c recognizes that profitability is generally one of the biggest drivers of changes in capital and utilizing the following table from the GCC can assist in identifying if there are entities reporting net losses that may be driving the decreases in capital. The following table taken from the GCC using the data in Schedule 1 can be helpful in determining the source of the issues.

|  |  |  |
| --- | --- | --- |
| **Income & Leverage Table**  | **Net Income ($)** | **Return on Capital** |
| **Template Groupings** |  | **2024** | **2023** | **2022** | **2021** | **2020** | **2024** | **2023** | **2022** | **2021** | **2020** |
| [1] | [2] | [3] | [4] | [5] | [1] | [2] | [3] | [4] | [5] |
| **US Ins** | [1] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Non-US Ins** | [2] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Non-Financial Entities** | [3] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Bank** | [4] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Asset Manager** | [5] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Other Financial w/Capital Requirement** | [6] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Financial Entities w/o Capital Requirements** | [7] |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | [8] | XXXX | XXXX | XXXX | 0 | 0 | XXXX | XXXX | XXXX |   |   |

If the source of the issues is the insurers, the following sample from a table from the GCC using the data in Schedule 1 can be helpful in determining the source of the issues among the insurers.

|  |  |  |
| --- | --- | --- |
| **Core Insurance Table 1** | **Net Income ($)** | **Return on Capital** |
| **Template Groupings** | **2024** | **2023** | **2022** | **2021** | **2020** | **2024** | **2023** | **2022** | **2021** | **2020** |
| [1] | [2] | [3] | [4] | [5] | [1] | [2] | [3] | [4] | [5] |
| **RBC Filing U.S. Insurer (P&C)** | [1] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Life)** | [2] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Health)** | [3] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Captive)** | [4] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Non-RBC filing US. Insurer**  | [5] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Canada - Life** | [6] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Canadian - P&C** | [7] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Other** | [8] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Commercial Insurers** | [9] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Japan - Life** | [10] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Japan - Non-Life** | [11] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Life** | [12] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Solvency II -- Composite** | [13] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Non-Life** | [14] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Australia - All** | [15] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Life** | [16] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Non-Life** | [17] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |

Procedure 2d is focused on requesting more specific information from the legal entity regulator or the group to better identify the source of the issue(s). Procedures 2e-2l simply contemplates that if the source of the issues can be identified into one of the branded risk categories, to document as such in the detailed workpapers and into that the appropriate category of the GPS. However, it’s recognized that the source of issues may be in multiple branded risk categories, in which case documentation of each of the sources into the detailed workpapers is still appropriate. However, documentation into one of the single branded risk classifications of the GPS is only appropriate if that risk category is a material driver of the negative trends. Procedure 2m is intended to identify if the source of the issues is related to non-insurance operations. The GCC is intended to provide for more consistent analysis of risks to the insurer that may originate from non-insurance entities within the holding company system.

***Procedures Step 3a-3f***

Procedure 3a is specifically focused on identifying the category of legal entities (and subsequently the individual legal entities) that might be driving the issues by looking at the leverage ratios. The following sample of a table from the GCC calculation using the data in Schedule 1 can be helpful in determining the source of the issues.

|  |  |  |
| --- | --- | --- |
| **Insurance Leverage Table** | **Net Premium Written ($)** | **Liabilities ($)/Capital & Surplus** |
| **Template Groupings** | **2024** | **2023** | **2022** | **2021** | **2020** | **2024** | **2023** | **2022** | **2021** | **2020** |
| [1] | [2] | [3] | [4] | [5] | [1] | [2] | [3] | [4] | [5] |
| **RBC Filing U.S. Insurer (P&C)** | [1] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Life)** | [2] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Health)** | [3] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Captive)** | [4] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Non-RBC filing US. Insurer**  | [5] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Canada - Life** | [6] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Canadian - P&C** | [7] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Other** | [8] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Commercial Insurers** | [9] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Japan - Life** | [10] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Japan - Non-Life** | [11] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Life** | [12] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Solvency II -- Composite** | [13] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Non-Life** | [14] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Australia - All** | [15] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Life** | [16] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Non-Life** | [17] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Hong Kong - Life** | [18] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Hong Kong - Non-Life** | [19] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Singapore - All** | [20] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Chinese Taipei - All** | [21] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **South Africa - Life** | [22] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **South Africa - Composite** | [23] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **South Africa - Non-Life** | [24] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Mexico** | [25] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **China** | [26] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **South Korea** | [27] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Malaysia** | [28] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Chile** | [29] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Brazil** | [30] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **India** | [31] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **Other Regime** | [32] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |
| **TOTAL** | [33] | XXXX | XXXX | XXXX |   |   | XXXX | XXXX | XXXX |   |   |

Procedure 3b is more forward looking by suggesting the analyst look at the same leverage ratios used in 3a to determine if the trends might continue and lead to further decreases in the GCC ratio. Procedure 3c simply requests the analyst use the leverage information to target questions to the group to better identify the drivers. Procedure 3d-3f are all questions designed to help the analyst consider whether the changes in leverage will lead to greater underwriting risk, reserving risk, or market and credit risk. Procedures 3d-3f provide general inquiries for additional information for the analysis, however, these inquiries may also appropriately provide a basis for the analyst to enter conversations with the group on the same topics to understand how the group views these topics and how the group is managing and monitoring these risks. For groups filing an ORSA, see also documentation within the ORSA report for additional information on the identified risks and the group’s monitoring of risks, as well as consistency of the discussion with management and managements observations in the ORSA Summary report.

**Procedures Step 4a-4b**. Procedure 4a is intended to help the lead state understand the historical capital allocation patterns or the likely future needed capital allocation patterns by simply documenting in the detail analysis workpapers. This includes, for example, noting that there is consistency in the entities generating net income and distributing it further through the group, and in some cases may require distribution through other insurers, which in the US often requires approval if considered extraordinary. Procedure 4a is intended to utilize that knowledge, along with other planned actions of the group, to understand whether problems with repaying debt or other obligations in the group could occur. The intent is to be in a better position for discussions with the group on where capital may come from to support future expected activity or future unexpected material events. The following sample of tables from the GCC calculation using data in Schedule 1 can be helpful in determining the source of the issues.

|  |  |
| --- | --- |
| **Insurance Capital Table** | **Capital Contributions $ Received/(Paid)** |
| **Template Groupings** | **2024** | **2023** | **2022** | **2021** | **2020** |
| [1] | [2] | [3] | [4] | [5] |
| **RBC Filing U.S. Insurer (P&C)** | [1] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Life)** | [2] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Health)** | [3] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Captive)** | [4] | XXXX | XXXX | XXXX |   |   |
| **Non-RBC filing US. Insurer**  | [5] | XXXX | XXXX | XXXX |   |   |
| **Canada - Life** | [6] | XXXX | XXXX | XXXX |   |   |
| **Canadian - P&C** | [7] | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Other** | [8] | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Commercial Insurers** | [9] | XXXX | XXXX | XXXX |   |   |
| **Japan - Life** | [10] | XXXX | XXXX | XXXX |   |   |
| **Japan - Non-Life** | [11] | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Life** | [12] | XXXX | XXXX | XXXX |   |   |
| **Solvency II -- Composite** | [13] | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Non-Life** | [14] | XXXX | XXXX | XXXX |   |   |
| **Australia - All** | [15] | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Life** | [16] | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Non-Life** | [17] | XXXX | XXXX | XXXX |   |   |

|  |  |
| --- | --- |
| **Insurance Capital Table** | **Intragroup Dividends $ Received/(Paid)** |
| **Template Groupings** | **2024** | **2023** | **2022** | **2021** | **2020** |
| [1] | [2] | [3] | [4] | [5] |
| **RBC Filing U.S. Insurer (P&C)** | [1] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Life)** | [2] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Health)** | [3] | XXXX | XXXX | XXXX |   |   |
| **RBC Filing U.S. Insurer (Captive)** | [4] | XXXX | XXXX | XXXX |   |   |
| **Non-RBC filing US. Insurer**  | [5] | XXXX | XXXX | XXXX |   |   |
| **Canada - Life** | [6] | XXXX | XXXX | XXXX |   |   |
| **Canadian - P&C** | [7] | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Other** | [8] | XXXX | XXXX | XXXX |   |   |
| **Bermuda - Commercial Insurers** | [9] | XXXX | XXXX | XXXX |   |   |
| **Japan - Life** | [10] | XXXX | XXXX | XXXX |   |   |
| **Japan - Non-Life** | [11] | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Life** | [12] | XXXX | XXXX | XXXX |   |   |
| **Solvency II -- Composite** | [13] | XXXX | XXXX | XXXX |   |   |
| **Solvency II - Non-Life** | [14] | XXXX | XXXX | XXXX |   |   |
| **Australia - All** | [15] | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Life** | [16] | XXXX | XXXX | XXXX |   |   |
| **Switzerland - Non-Life** | [17] | XXXX | XXXX | XXXX |   |   |

**Procedures Step 5a-5h**. Procedures 5a-5h are designed for those rare situations where the group has a need to reduce risk given the alternative of raising capital may be unlikely (see appendix for further discussion on that topic). In performing this procedure, it should be understood that procedure 2 (Evaluating Decreases in Total Capital) and Procedure 3 (Evaluating Increases in Operating Leverage) have already been considered, and therefore it has been concluded that either capital is decreasing or operating leverage is increasing. As such, after considering information that may already be available to the regulator on the business plan, Procedure 5b is largely focused on better understanding directly from the group the drivers of the apparent negative trends. It should be understood that some of these trends may have already been known, through for example the ORSA, and discussions by the lead state regarding such takeaways from such ORSA discussions. In fact, if already known, the key takeaways may already be documented in the GPS and therefore the remaining procedures in this section may be irrelevant and could be skipped if recently already considered and evaluated. In addition, to be sure, such trends from Procedure 2 and 3 may not suggest anything more needs to be done, in fact that is why the first procedure is focused on an existing business plan since its possible these trends may have been expected. In fact, Procedure 5a is based upon the belief that reducing risk by the group may have already been incorporated into the group’s latest business plan, which may have already been obtained from the Annual Form F Filing.

Procedure 5b on the other hand contemplates that the manner to address any negative trends may not have already been incorporated into the latest business plan and simply contemplates the analyst speaks with the group to understand how the group intends to address the issue. The existence of this procedure is not meant to suggest action must be taken by any regulator, rather to understand what the group is already doing to address the issue. To be sure, some of what the group is already doing may already be known by the lead state, either through the ORSA, the Form F, or a periodic meeting with the group that some states conduct annually with all groups. Rather, the procedure provides an opportunity for the analyst to make sure they understand the drivers and what if anything the group is doing to address. To be clear, increases in operating leverage are often planned, and often come with them expected future actions by the group, such as capital injections or future transactions that may reduce risk. Therefore, these discussions would allow these actions to be completely documented and understood. Meanwhile, decreases in capital sometimes are not expected, and may not result in immediate action if any, but it’s possible that it may lead to the group to take future actions, or contemplate future possible actions. Therefore, these discussions would allow these potential actions to be completely documented and understood.

Procedure 5c contemplates assessing if the group has the ability and resources to either reduce its risks or to raise additional capital. See the section below for further Considerations of the Group’s Capacity to Raise Capital. This procedure is not intended to suggest the analyst has the capacity to make this determination on their own, but rather to question the reasonableness of the possibility. Procedure 5d contemplates that the group may believe no action is necessary because it believes current capital is adequate to meet its business plan and is more likely to be the case when the company experienced a one-time reduction of capital as opposed to a growth in leverage that may continue. Procedure 5c is for the rare situation where the legal entity insurers have been strained enough or face impending pressure contemplated within NAIC Model 385–*Model Regulation to Define Standards and Commissioner's Authority for Companies Deemed to be in Hazardous Financial Condition* that would suggest one or more of the insurers may be in a hazardous financial condition. Procedure 5f is designed to suggest the analyst bring the collective supervisors of the legal entity insurers together for a supervisory college to fully understand what is occurring and the group’s plans for addressing the issues it is facing. Procedure E6 is an extension of Procedure E5 as it contemplates the regulators discussing whether they believe the proposed actions from the group are adequate. This action could represent something either informally done before an insurer is in a regulatory action level, or formally once an insurer is in a regulatory action level. Procedure E7 is similar to the other actions contemplated within a supervisory college or, for example, to address a troubled insurance company under Accreditation requirements regarding communication with other states.

## Additional Procedures – Business Plans

While there is a multitude of possibilities and this guidance is not intended to address all of those, the following provides some summary of related issues that may be helpful to the analyst (See also section 6 to consider the structure of the group and capital infusion issues).

|  |
| --- |
| **Group’s Business Plan:**Planning Process:* Group system’s overall planning process (e.g., who is involved, how frequently it occurs, etc.) and how the overall initiatives are determined
* Understand the group’s estimate of the impact of the proposed actions on financial results
* Review the plan’s assumptions for reasonableness. Consider the likelihood of variations in the assumptions and the resulting impact on the future financial results
	+ Consider subcategories of changes including:
		- Overall potential changes in investment strategy
		- Overall potential changes in underwriting strategy or existing concentrations
		- Overall impact on financing matters (e.g. debt, requirements, etc.)
		- Overall impact on derivatives to mitigate economic conditions
		- Overall changes in governance or risk management procedures
		- Increased ceded reinsurance transactions (common approach to reducing risk/increasing surplus):
			* Details regarding the revised strategy
			* Specifics on types of coverage such as assumption reinsurance, loss portfolio transfers
			* Transfer of risk considerations
 |
| Variances to Projections:* Consider the group’s history of explanations regarding variances in projected financial results and the insurer’s actual results. If analysts determine the goals of the business plan are not attainable and/or projections are unreasonable, a revised business plan may be requested;
* Identify any internal or external problems not considered in the plan that may affect future financial results. Examples of such problems include the following: 1) the existence of competitors to limit future sales levels; 2) recent state legislation restricting the company’s product designs; or 3) the loss of key marketing personnel.
 |
| Evaluating a Business Plan:Analysts should consider further detail where necessary in evaluating the proposed revised business plan but also monitor, on a periodic basis, the insurer’s progress in achieving the initiatives included in the group’s plan. The goal of any plan is the improvement of the underlying causes that led to the issues and an improvement in subsequent GCC base ratio results. Detail considerations for improving the plan may include the following (where considered inadequate):* Trending comparative measures of targeted risk exposures including (where applicable):
	+ Asset mix by detailed types
	+ Credit risk by detailed types
	+ Business writings/ratios by detailed product
* Impacts on financing items:
	+ Projected cash flow movements for ongoing principal and interest payments on debt
	+ Impact on debt interest coverage ratio, other debt covenants, rating agency ratings
	+ Discussion of impact on parental guarantees and/or capital maintenance agreements
	+ Expected source and form of liquidity should guarantees be called upon
* Impact of reasonable possible stress scenarios
* How the legal entities capital will be maintained at required levels
 |
| Consultation with Other Regulators* Consult with members of the supervisory college (if applicable) or other domestic states for input in evaluating the revised business plan
 |

## Considerations of Group’s Capacity to Raise Capital

The following is designed simply as a reminder of considerations the lead-state would contemplate when discussing the group system response to the issues identified in this section. More specifically, in most situations a group will first consider ways to reduce risk but in limited situations they may consider trying to raise additional capital. While this is typically not an option for a group that is currently not performing as it anticipated, in some situations alternative sources of capital can be raised if the holders of the new capital are given rights that are attractive to the holder. In addition, in some cases the group may have the ability to issue other forms of capital (e.g., debt), which can be used to inject into the insurance subsidiaires. While these facts are not unique to the utilization of the group capital calculation, they are worth a reminder along with relevant other related details.

**New Equity Considerations**

**Public Holding Company**

While no two groups are the same, issuing public stock may be limited for the reasons previously identified. In addition, regulators are reminded that a public holding company may be obligated to pay dividends in order to maintain expectations of their shareholders, making the reduction of risk a more viable action under the circumstances.

**Private Holding Company**

While no two groups are alike, a private company has some of the same characteristics as a public company in terms of owners’ expectations, but usually such expectations differ from a public company and it may be more feasible for a private company given their access to specific individuals that may have a higher interest in higher capital rights.

**Mutual Insurance Company**

A mutual insurer is limited in terms of its access to capital because it cannot issue new stock.

**Mutual Holding Company**

Because mutual holding companies have characteristics of both public companies and mutual companies, there are implications of how such a structure affects its operations.

**Non-profit Health Company**

Insurers that are non-profits are generally charitable organizations and it is not uncommon that some types of insurers, particularly those that provide health insurance, to have some history as a non-profit. It may be helpful to understand these types of dynamics when considering a group structure.

**Fraternal Associations**

Regulators often find similarities between a fraternal benefit society and a mutual insurer because both can be limited in terms of their ability to raise additional funds.

**Reciprocal Exchanges**

Regulators often find similarities between reciprocal exchanges and fraternal benefit societies and mutual insurers because they can be limited in terms of their ability to raise additional funds. Although this is a general consideration for the regulator when evaluating the group system, there is generally much more that must be understood before coming to this conclusion because in some cases, the reciprocal may be able to assess policies that can serve a similar purpose as raising capital.

**New Debt Considerations**

Through discussions with the group, understand the potential impact of any new debt on the group system, including specifically the extent of future additional reliance on the insurance operations and whether those insurers have the capacity for such. Consider also an updated review on the following:

* Total debt service requirements.
* Revenue streams expected to be utilized to service the debt.
* Any new guarantees for the benefit of affiliates.
* Any new pledge assets for the benefit of affiliates.
* Any new contingent liabilities on behalf of its affiliates

## International Holding Company Considerations

**International Holding Company Structure**

This section is applicable only to those international groups that are required to complete the GCC, which may be relatively small considering many international holding companies have a non-US groupwide supervisor and are exempt from the GCC. Those foreign groups that are required to complete the GCC will generally file a “subgroup” GCC that included entities that are part of the group’s U.S. operations In those situations, the analysts should understand the structure to determine if it has any impact on this analysis. For example, a German-based holding company may have advisory boards established to communicate with U.S. regulators. Analysts should direct any regulatory concerns to the appropriate organization contact to ensure a prompt reply or resolution if the insurance regulator is not responding.

**Capital / Operational Commitment to U.S. Operations**

Some foreign holding companies may consider their U.S. enterprises non-core and consequently show weaker commitment to their ongoing business operations or financial support. In recent years, after sustaining continued losses from U.S. subsidiaries, several prominent foreign holding companies decided to cease their U.S. operations and liquidate their assets. Analysts should be aware of a holding company’s stated commitment to ensure the continued stability of U.S. operations. This commitment may include a written or verbal parental guarantee.

## Primer on the Group Capital Calculation Formula

The National Association of Insurance Commissioners (NAIC) began development of the Group Capital Calculation (GCC) in late 2015 following extensive deliberation on potential measurement models and methodologies. The GCC uses a bottom-up aggregation approach, accounting for all available capital/financial resources, and the required regulatory capital based on the measurement of assets and liabilities of the various corporate entities, including insurers, financial and non-financial businesses.

**The GCC Aggregation Methodology**

As illustrated in the sample tables above, the proposed GCC is an aggregation or grouping of the available financial resources and calculated required capital of all legal entities in an insurance group that potentially pose material risk to the insurers in the group. The GCC allows some discretion in determining what entities under common control but outside of the defined Insurance Group may be excluded from the scope of application in the GCC. When reviewing a group’s choice of entities to be excluded from application of the GCC, the following points should be considered:

* The regulatory evaluation should be based on the criteria for material risk (e.g. structural separation; no history of cross subsidies, or other criteria as defined in the GCC instructions);
* Group requests for reducing the scope of application of the base GCC should be based on supporting information and rationale provided by the Group;
* Information on excluded entities should be made available upon request by the analyst.

The GCC includes the following types of entities and sets forth the general approach of calculated capital toward each.

U.S. Insurers – The available capital of U.S. domiciled insurers is determined by statutory accounting principles (SAP) as defined by state law and the NAIC Accounting Practices and Procedures Manual, which defines assets, liabilities, and in-turn net available capital/financial resources, sometimes referred to as policyholder surplus. The calculated capital for these insurers is subject to state law that requires these insurers to maintain minimum capital based on the applicable NAIC Risk-Based Capital formula at 200% x Authorized Control Level (Trend Test level).

Non-U.S. insurers – Similar to the available capital and calculated required capital of U.S. insurers, the available and calculated capital of non-U.S. insurers is determined by reference to the home jurisdiction’s basis of accounting and capital requirements converted to U.S. dollars. While most non-U.S. jurisdictions do not possess the same level of industry specific technical guidance, as included in the NAIC Accounting Practices and Procedures Manual, all jurisdictions have established accounting standards that insurers are required to follow to determine available capital/financial resources. In some cases, this represents local Generally Accepted Accounting Principles (GAAP), which may or may not be consistent with International Financial Reporting Standards (IFRS).

*DRAFTING NOTE:* While the GCC utilizes the available capital and home jurisdictions’ capital requirement, for jurisdictions where data is available appropriate scalars are currently being explored to produce comparable measures for risk which can be aggregated into the group-wide measure. One such scaling methodology is included as part of sensitivity Analysis in the GCC template. That scalar methodology uses aggregated data from the U.S. and other jurisdictions at first intervention level to recognize that (for example), state regulators often have much higher reserve requirements that are required to be carried as required capital in other jurisdictions. For jurisdictions where the data is not available, the full jurisdictional requirement at first intervention level us used.

U.S. Insurers Not Subject to RBC – Some types of U.S. insurers are not subject to an RBC formula (e.g., Financial Guaranty Insurers, Title Insurers). For these entities, the available capital/financial resources is determined by reference to state law and the NAIC Accounting Practices and Procedures Manual. However, since an RBC formula does not exist, calculated capital is determined by reference to the state minimum capital requirements set out in state law (or 300% of reserves for Title insurers). For U.S. captive insurers, available capital is determined based upon the states accounting requirements, but the calculated capital is required to be calculated using the applicable RBC formula even if RBC does not apply to that entity in their state of domicile.

Banking or Other Financial Service Operations Subject to Regulatory Capital Requirements – Non-insurers such as banks are subject to their own regulatory valuation methods (typically GAAP with tiering of available capital) and their own regulatory capital requirements (e.g. OCC, Federal Reserve, FDIC or other requirements for banks). These regulatory values are used for the GCC.

Financial and non-financial operations not subject to regulatory capital requirements – In general, financial entities (as defined in the GCC Instructions) are subject to a higher capital charge in the GCC than the non-financial entities. However, the GCC does require available capital/financial resources and calculated capital to be gathered for all such entities that pose a material risk to insurers. In both cases the GCC will utilize the valuation used by such legal entities (typically U.S. GAAP) and a calculated capital based upon a risk factor. There are two important exceptions:

* All entities within the defined insurance group (definition included in GCC Instructions) must be included
* All financial entities (definition included in GCC Instructions) must be included
* The level of risk (low / medium / high) and associated capital calculation assigned to a financial entity will be selected by the group and evaluated by the lead-State reviewer
* Non-financial entities that are subsidiaries of U.S. insurers, foreign insurers or banks where a capital charge for the non-financial entity is included in the regulated Parent’s capital formula will remain with the Parent and will not be inventoried. Regulators already have access to the financials of these entities if needed (if causing unrealized losses within the insurer).

Eliminations

The GCC uses an aggregation and elimination approach, where each of the above legal entities’ available capital/financial resources and calculated capital are combined, then eliminations are utilized to prevent any double counting of available capital/financial resources or calculated capital. The following example illustrates the use of eliminations for both available capital/financial resources and calculated capital. However, in practice the GCC only requires the foreign insurers and other financial entities owned by an insurance company to be “de-stacked” so if AA Holding Company was a U.S. insurer (e.g. AA Insurance Company) the capital required and calculated capital for DD Insurance Agency as a nonfinancial entity would remain in the values of AA Insurance Company and not be de-stacked.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **EE Insurance Group (EEIG**)**Calculation of ARC**

|  |  |  |  |
| --- | --- | --- | --- |
| Entity | TAC | Less: Subs’ TAC | Adjusted TAC |
| AA Holding Co. | 50.0M |  (38.0M)1 | 12.0M |
| BB Life Insurance Co. | 30.0M | 0 | 30.0M |
| CC Insurance Co. |  6.0M | 0 |  6.0M |
| DD Ins. Agency |  2.0M | 0 |  2.0M |
| **ARC (EEIG Group Total)** |  |  | **50.0M** |

1 Amount of TAC for Subs as follows: (30.0M + 6.0M + 2.0M) |

|  |  |  |
| --- | --- | --- |
| Entity | Total Available Capital | Minimum Regulatory Capital |
| AA Holding Company | 50.0 Million |  02 |
| BB Life Insurance Company | 30.0 Million |  3.0 Million3 |
| CC Insurance Company |  6.0 Million1 |  1.6 Million3 |
| DD Insurance Agency |  2.0 Million1 |  02 |

**EEIG Financial Information**1 For Non-RBC filers this is regulatory available capital or stockholder equity2 There is no regulatory capital for these entities when owned by a non-regulated entity. Calculated Capital is added @ 10.5% x stand-alone ARC3 Authorized Control Level (ACL) RBC or Prescribed Capital Requirement for non-U.S. insurers **Calculation of MRC**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Entity | ACL or Calculated Capital1 | Less: Subs’ Calculated Capital | Adjusted Calculated Capital |  Multiply  by 2.03 | MRC |
| AA Holding Co. |  6.07M |  (4.81M) 2 |  1.26M | NA |  1.26M |
| BB Life Ins. Co. |  3.0M | 0 |  3.0M | 6.0M |  6.0M |
| CC Insurance Co. |  1.6M | 0 |  1.60M | NA |  1.6M |
| DD Ins. Agency |  0.21M | 0 |  .21M | NA |  0.21M |
| **MRC Total** |  |  |  |  | **9.07M** |

1 Estimated post covariance factor of 10.5% @ CAL x ARC per GCC added for AA Holding Co. and DD Ins. Agency2 Amount of Calculated Capital for Subs as follows: (3.0M +1.6M + .21M)3 Applies to U.S. insurer only to increase level to Company Action Level (CAL) RBC |

In the above example, available capital/financial resources are referred to as available regulatory capital (ARC) and total authorized capital (TAC[[1]](#footnote-1)) and minimum calculated capital is referred to as minimal regulatory capital (MRC) and authorized control level (ACL[[2]](#footnote-2)). The GCC will allow non-insurance / non-financial entities owned by RBC filers in the group to remain within the available capital and regulatory capital so no eliminations are required for these entities. As shown, since AA Holding Company owns each of the other business entities in the organizational chart, $38 million (which is the amount of available capital/financial resources in the subsidiaries of AA) is eliminated from the TAC column since accounting methods include those as an asset on AA Insurance Company’s balance sheet. Also, the GCC includes capital calculations for AA Holding Company and DD Insurance Agency as part of the MRC in addition to the regulatory capital already included for the insurance subsidiaries. The MRC of the subsidiaries is eliminated from the parent’s (AA Holding Company) calculated capital. Therefore, in this example $4.81 million of calculated capital is eliminated from the MRC. Finally, the MRC of U.S. insurance subsidiary is multiplied by 2 in order to reflect Company Action Level (CAL) RBC as required in the GCC.

Debt-It is important to note that the available capital used in deriving the GCC recognizes a portion of the group’s senior and hybrid debt as capital. This allowance recognizes that debt that is not already recognized as available capital/financial resources under all known accounting principles (SAP, U.S. GAAP or IFRS) may have some value to the group under the U.S. insurance regulatory requirements where such is dividend down to the insurance companies and where extraordinary dividends must be approved by the state. Qualifying debt along with limitations thereon is described in the GCC instructions as is the calculation for the additional available capital. In addition to looking at the group’s debt leverage overall consideration should be given to how the allowance for additional capital from debt interacts with changes in available capital and capital requirements from year to year. The impact of procyclical changes in the allowance for debt as capital should be assessed.

Other Information Included in the GCC

The GCC includes selected financial information (net income, premiums, liabilities, debt, etc.) that are captured in Schedule 1 and in the “Analytics” tabs of the GCC that are meant to be used to help isolate potential strengths and weaknesses of the group and more specifically where such exist among the entities in the group. Some important information related to other features in the GCC also should be considered and are discussed below. Schedule 1, a simplified version of the Inventory Tab, and most analytics are required in the case of a “limited filing”. However, data is not required for the capital instruments, sensitivity analysis and other information tabs in a limited filing.

Grouping - The GCC separately allows certain financial entities (e.g. asset managers) and non-financial entities included in the GCC to have their values and capital calculation combined (grouped) for more efficient reporting and analysis. Although the GCC instructions set parameters for such grouping, the general expectation is that regulators will work with each applicable GCC filer in determining where grouping is and is not appropriate outside of what is allowed within the GCC Instructions. Grouping should be viewed in context of materiality. A single entity conducting a given activity may not be material, but when all entities conducting the same activity are combined, they can be material.

Excluded entities – The GCC provides two mechanisms for the exclusion of non-financial entities in Schedule 1 and in the Inventory Tab at the discretion of the lead state. State regulators should consider whether any of the information collected in the GCC template in support of, is collected for an entity or group of similar entities that would otherwise be excluded from the GCC ratio calculation. Regulators should separately monitor increases in the level of activity of an “excluded” entity or group of similar entities for purposes of materiality and potential subsequent inclusion in the GCC.

Sensitivity analysis – A tab devoted to individual sensitivity analysis is included in the GCC. These informational items provide the regulator with impact of discretion in excluding listed entities and alternative perspectives on risk charges for non-financial entities and foreign insurers. Monitoring of these items can help the regulator identify areas where the GCC may be improved or capital calculations adjusted in the future. A sensitivity analysis increases the overall calibration of the capital requirements in the GCC from its normal 200% x ACL RBC calibration to 300% x ACL. This should be used as an initial benchmark to conduct further analytical review. No other cushion should be applied.

Accounting Adjustments - The impact of accounting adjustments and related detailed information is collected in the GCC template in the Inventory Tab and in the Other Information Tab respectively. Such adjustments can be material during the de-stacking process. For example, a consolidated holding company may include GAAP values for entities that would otherwise be valued under regulatory accounting rules (e.g., Statutory Accounting Principles - SAP) on a stand-alone basis. When the regulated entity is de-stacked the difference between the GAAP values and SAP values will be removed from the group’s available capital. These “lost” values can result in a material reduction in the inventoried available capital compared to consolidated available capital. Understanding the impact and the components of this adjustment can help the regulator when considering the impact of issuing new debt or when evaluating the allowance for debt as capital calculated in the GCC template.

Intangible Assets – Acquisitions, mergers and reorganization often can create significant intangible assets at a holding company level or possibly at an operating company (other than a regulated entity) level. The GCC template collects information on intangible assets held by inventoried entities in the Other Information Tab. The available capital associated with the value of entities whose assets are materially comprised of intangible assets should be evaluated in the context of fungible resources and in assessing the adequacy of the capital calculation assessed on such entities.

Dividend pass-thru (gross view of dividends) – Schedule 1D collects information on dividends paid and received within the group. It also includes a column that indicates whether dividends were declared but not yet paid, as well as cases where dividends received where retained or “passed thru” to another affiliate or paid out in dividends to shareholders. This information will assist the regulator in evaluating the movement of capital within the group to fund strategic insurance and non-insurance operations or activities (e.g. expansion of activities) or to fund entity specific capital shortfalls. It also provides a window to capital leaving the group (e.g. debt repayment, stock repurchase, or dividends to shareholders).

1. Terminology used in RBC for available capital/financial resources [↑](#footnote-ref-1)
2. Terminology used in RBC for calculated regulatory capital [↑](#footnote-ref-2)