

2024 Questionnaire for the April 2024 Insurance Capital Standard (ICS) Data Collection Exercise of the Monitoring Period Project

("the ICS Questionnaire")

The ICS Questionnaire has been developed as a supporting document for groups participating in the 2024 ICS Data Collection Exercise and must be read in conjunction with the associated ICS Technical Specifications, ICS data collection Template and Yield Curve documentation. All documents are provided for information only.

These documents do not replace or supersede the ICS Level 1 and Level 2 documents, which have been agreed and published by the IAIS.



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1 Introduction

1.1 Preamble

This Questionnaire focuses on supplementary information in relation to data provided in the Template for the April 2024 ICS Data Collection Exercise of the Monitoring Period Project, and is due **31 July 2024**.



2 Identification

1	Please provide the name of your IAIG/Volunteer Group below:		
	IAIG / Volunteer G	oup name	
	Insert text		
2			uestionnaire (dd/mm/yyyy). If an earlier ted please indicate a new date here:
	Date of this submi	ssion	
	Insert text		
3		ame of the contact persons ng email address and telep	s for queries about the responses to this phone number.
	Primary Contact	Information	
	Name:	Insert text	
	Email:	Insert text	
	Phone:	Insert text	
	Backup Contact Information		
Name: Insert text Email: Insert text			
		Insert text	
	Phone:	Insert text	



3 General questions

Template sheet(s) referred to in this section:	Various
Key Technical Specification section(s) relevant to this section	Various

4	Were any material assumptions or simplifications used when providing ICS data? Examples of assumptions or simplifications follow the question.			
	Provide your response by placing an 'x' in the relevant cell: YES NO Not Applicable If YES, complete the following question for <u>each</u> material assumption or simplification used. Please specify the item or issue, including a reference to the Technical Specifications or Template, and provide a description with sufficient detail to allow an assessment of materiality and potential impact. In the description, also indicate whether you anticipate future reliance on the assumption or simplification or was it due to circumstances such as a resource constraint.			
	Item name	Reference	Description	
	Insert text	Insert text	Insert text	
	8.2 Defer	assumptions or s red tax from the	simplifications ICS Adjustme	may have been used: ints – Was difficulty encountered being able to offset justment where an assumption or simplification was
5	=	-		ata between Years 4 and 5 of the Monitoring Period are no longer being used)?
	Provide your response by placing an 'x' in the relevant cell: YES NO Not Applicable If YES, please specify the item or issue, including a reference to the Technical Specifications Template, and provide a description as well as rationale for its relevance to analysis. Please describe in summary, but with sufficient detail to allow an assessment of materiality a potential impact.			ot Applicable ng a reference to the Technical Specifications or rationale for its relevance to analysis.
	Item name	Referen	ce	Description and rationale



	Insert text	Insert text	Insert text
	(Add additional rows as r	necessary)	
6	Please provide an assessment of the quantitative impact on the coverage ratio of the changes to the ICS listed below (main changes between 2023 and 2024, irrespective of how the ICS was calculated in practice in 2023). When a quantitative assessment is not possible, please provide a qualitative indication of impact (negligible impact, small (< 2 percentage points), medium (< 10 pp or high (> 10 pp) increase / decrease).		
	Provide your response	by placing an 'x' in the	relevant cell:
	YES	NO	lot Applicable
	If YES, please specify the	e difficulties encounter	ed for each of the items listed in the table below.
	Change	Reference	Estimated impact on coverage ratio (in percentage points)
	Changes in the scope of recognised management actions.	Section 5.2.4 and 7.1.3	
	Change in Middle Bucket criteria	§§ 132 to 134	
	Change in Middle Bucket spread adjustment calculation (allowance of unhedged assets in unmatched currencies and recognition of callable bonds)	Section 5.2.5.3.2.3	
	Change in the calculation of the modulation factor	Section 5.2.5.3.2.5	
	Change in deductions from Tier 1 capital resources	§226	
	Change in Non-life calibration (Accident and Health in Hong Kong SAR)	Table 16	



I			
	Changes in the Interest rate risk charge (removal of twist scenarios and cap on the LTFR stress)	Section 7.3.2	
	Changes in the Non- Default Spread risk charge (introduction of a cap and floor)	Section 7.3.3	
	Change in the Currency risk calibration	Section 7.3.6	
	Recognition of Cash as collateral for the Credit risk charge calculation	Section 7.4.2.1	
	Changes to the Non- insurance risk charge (add-on charge by the supervisor and calculation with negative equity values)	Section 7.7	
7	Questionnaire? Where appropriate, this i	ncludes comments on ht to the analysis (that i	CS not specifically addressed elsewhere in the data, additional relevant data, and/or calculations s, have the potential to have a material impact on d/or its analysis).
	Template, and provide a	NO N e item or issue, includir description as well as	relevant cell: ot Applicable ng a reference to the Technical Specifications or rationale for its relevance to analysis. detail to allow an assessment of materiality and
	Item name	Reference	Description and rationale



Insert text	Insert text	Insert text	
(Add additional rows	as necessary)		



4 Perimeter of the ICS Calculation

Template Sheets referred to in this section:	GAAP and ICS Balance Sheets
Key Technical Specification sections relevant to this section	4. Reference ICS: Perimeter of the ICS Calculation

8	Has an amount been reported in the worksheet <i>GAAP and ICS Balance Sheets</i> , table <i>Balance sheets</i> , Row (-) adjustments already included in other equity items?		
	If YES, pleas detail to und	ur response by placing an 'x' in the relevant cell:	
	Amount Description Insert Insert text (Add rows as necessary)		
9	Has an amount been reported in the <i>Other</i> line in the <i>Equity</i> section of the worksheet GAAP and ICS Balance Sheets?		
	If YES, pleas	ur response by placing an 'x' in the relevant cell: NO Not Applicable se provide additional information on the amount so that the IAIS can hether that amount should be included within ICS capital resources.	
	Amount Insert text	Description	
	(Add rows a	s necessary)	



5 Capital requirement

5.1 Self-assessment template for natural catastrophe models

Template Sheets referred to in this section:	N/A
Key Technical Specification sections relevant to this section	7.2.4.7 Safeguards for natural catastrophe models

10	Safeguard 1 – Description of the scope of application		
	The IAIG describes the perimeter of the natural catastrophe model's calculation.		
	Is Safeguard 1 met?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please describe the	e scope of application of the natural catastrophe model.	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add rows as necessary)		
11	Do you have any natural catastrophe models that were developed internally?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
If YES, please describe the scope of application of each CAT model.		e scope of application of each CAT model.	
	Item name	Description and rationale	
	Insert text	Insert text	



		T	
	(Add rows as necessary)		
12	2 Safeguard 2 – Validation		
		at a rigorous process is in place by which they can establish whether their framework is sound or whether improvements are needed.	
	Provide your response by	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, Please describe th	e validation process for the CAT model.	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add rows as necessary)		
13	Safeguard 3 – Sign-off by	senior management	
	The senior management of the IAIG has ownership of the natural catastrophe model, and the mode complies with the validation process prescribed by the natural catastrophe model governance process.		
	Is Safeguard 3 met?		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If NO, please explain whether a change is planned and the expected timeline.		
	Item name	Description and rationale	
	Insert text	Insert text	



	(Add rows as necessary)		
14	Safeguard 4 – Statistical quality test		
	The statistical quality test catastrophe model: methodology and assu coverage of material m data (including externa aggregation of risks an consistency with the m	addresses issues related to the following technical aspects of the natural umptions; isks; al data) and expert judgment; nd diversification effects; nethod used for the calculation of technical provisions; gation techniques and future management actions; and	
	Provide your response by placing an 'x' in the relevant cell: YES NO If YES, please describe in summary how statistical quality tests are used in the natural catastroph model.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add rows as necessary)		
15	Safeguard 5 – Use test and governanceThe use test reflects the IAIG's view of its risks and is used in decision-making.Is Safeguard 5 met?		
		y placing an 'x' in the relevant cell: NO Not Applicable	
	-	n summary, how the use test is carried out, as well the model governance ferent stages of the model.	

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	Item name	Description and rationale
	Insert text	Insert text
	(Add rows as necessary)	
16	Safeguard 6 – Documenta	ition standards
	The documentation of the such as:	natural catastrophe model includes its use and other related aspects,
	• facilitates the supervis	ory review of the model;
	 facilitates Senior Mana recognises the weakness 	agement's understanding; and esses of the model.
	Is Safeguard 6 met?	
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe, in	n summary, the documentation that is currently available.
	Item name	Description and rationale
	Insert text	Insert text
	(Add rows as necessary)	
17	Safeguard 7 – List of cata	strophe risk sources that are not modelled
	-	mitations in the scope of their natural catastrophe model. IAIGs make a risks specified in the ICS but not modelled, and explain why those risks
	are not modelled.	
	Is Safeguard 7 met?	
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable



Item name	Description and rationale
Insert text	Insert text



6 Self-assessment Template for Internal Models

IAIGs submitting internal model related data should complete and submit the self-assessment template, which assesses the degree of compliance with the list of prerequisites.

The scope of application of internal models is limited to the calculation of the ICS capital requirement and not to other areas of the ICS such as capital resources or valuation (eg MAV). Therefore, the development of internal models is meant to introduce only an alternative calculation of the ICS capital requirement, while the valuation of the assets and liabilities of the IAIG would continue to be calculated according to the methods set out by the IAIS. However, the IAIS expects convergence between the valuation basis embedded in the internal model and the valuation basis for the ICS during the monitoring period.

IM1	Do you use a full internal r	nodel?
	Provide your response by	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If No, please describe which	ch type of partial internal model you use.
	Please describe in summa internal model.	ry, but with sufficient detail to allow an assessment of the perimeter of the
	Partial model type	Description
	Partial – One or more risk charges of the ICS standard method capital requirement	Insert text if this partial model type is used
	Partial – One or more sub-risk charges of the ICS standard method capital requirement	Insert text if this partial model type is used
	Partial – One or more risk charges or sub-risk charges not captured by the ICS standard method capital requirement	Insert text if this partial model type is used
	Partial –Only one or more major business units or legal entities	Insert text if this partial model type is used
	Other model structure	Insert text if this partial model type is used



	(Add additional rows as necessary)		
IM2	Do you use the partial internal model for calculation of risk charges in any of the below mentioned risk categories?		
	Provide your response by	placing an 'x' in the relevant cell:	
	YES	O Not Applicable	
		ummary, how the internal model is used to calculate risk charges in	
	below mentioned risk catego	ones.	
	Risk category	Description of the usage	
	Mortality risk		
	Longevity risk		
	Morbidity/Disability risk		
	Lapse risk		
	Expense risk		
	Premium risk		
	Claims reserve risk		
	Catastrophe risk		
	Interest Rate risk		
	Non-default Spread risk		
	Equity risk		
	Real Estate risk		
	Currency risk		
	Asset Concentration risk		
	Credit risk		
	Operational risk		

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	(Add additional rows as necessary)			
IM3	Do you meet the criteria for validation?			
	Provide your response by placing an 'x' in the relevant cell: YES NO If Yes, please describe the validation process of the internal model.			
	If No, please descri Description item	Description rationa	and whether changes	are planned. Yes/No
	Insert text	Insert text		
	(Add rows as neces	ssary)		
IM4	Do you meet the cr	iteria for statistical qι	ality tests?	
	Provide your response by placing an 'x' in the relevant cell: YES NO Not Applicable			
	If YES, please describe in summary on how statistical quality tests are used in the internal model. If No, please describe the shortcomings and whether changes are planned.			
	Comment name	Comment description	on	Yes/No
	Insert text	Insert text		
	(Add rows as neces	ssary)		
IM5	Do you meet the cr	iteria for calibration te	ests?	
	Provide your resp	onse by placing an 'x	in the relevant cell:	
	YES	NO	Not Applicable	



	If YES, please describe in summary on how calibration tests are used in the internal model.				
	If No, please describe the shortcomings and whether changes are planned.				
	Yes/No				
	Insert text	Insert text			
	(Add rows on poor				
IM6	(Add rows as nece Do you meet the cr	iteria for the use test?			
	-	onse by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	Please describe in	escribe in summary the areas where expert judgement is predominantly used.			
	(Add rows as necessary)				
IM7	Are the criteria for	he use test met?			
	Provide your resp	onse by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If YES, please des	cribe in summary, how the use test is met.			
	If No, please describe the shortcomings and whether changes are planned.				



	Use test	Description	Yes/No			
	Business planning	Insert text				
	Mergers and Acquisitions					
	Reinsurance					
	Investment					
	Underwriting					
	Risk Management					
	Capital Management (assessment and allocation)					
	Performance Management					
	(Add rows as necess	ary)				
IM8	Are the criteria for mo	del governance met?				
	Provide your response by placing an 'x' in the relevant cell:					
	YES	NO Not Applicable				
	If YES, please describe in summary the model governance and internal controls at different stages of the model.					
	If No, please describe	e the shortcomings and whether changes a	are planned.			
	Model stage	Description	Yes/No			
	Model development	Insert text				
	Model deployment					
	Model implementation					
	Model usage					



	Model validation						
	Model changes						
	Data quality						
	Use test checking						
	Roles and relationships of						
IM9	Are the criteria for the	docun	nentation sta	anda	rds met?		
	Provide your respons	se by p	blacing an 'x	c' in t	he relevant cell:		
	YES	NC)		Not Applicable		
	If YES, please describe	e in su	immary hov	v the	standards are met.		
	If No, please describe	the sh	ortcomings	and	whether changes a	re planned.	
	Documentation type	Desc	ription			Yes/No	
	Insert text	Inser	t text				
							_
	(Add rows as necessal	ry)					
IM10	Please describe the m	odel d	ocumentatio	on pr	ocess at different st	ages of the model.	
	Model stage		Description	n			
	Model development		Insert text				
	Model deployment						
	Model implementation	n					

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Model usage	
Model validation	
Model changes	
Data quality	
Use test checking	
Roles and relationships of units responsible for documentation	
(Add rows as necessary)	