

# 2016 Field Testing Questionnaire: Phase 2 for the May 2016 Quantitative Data Collection Exercise of the Field Testing Project

("the Questionnaire Phase 2")

This is an IAIS working document used for 2016 Field Testing purposes. It does not purport to represent or prejudge the final proposals of the IAIS on ICS.

This document must be read in conjunction with the associated 2016 Field Testing Technical Specifications, Templates and Yield curve documentation to provide an accurate and up-to-date understanding of the Field Testing exercise.



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## 1 Introduction

### 1.1 Preamble

This questionnaire focuses on supplementary information in relation to quantitative data provided in **Phase 2** of 2016 Field Testing, and is due 15 September **2016**.

Field Testing questionnaires seeking supplementary information relating to Phase 1 and Phase 2+ of the 2016 Field Testing are provided separately.

#### 1.2 Instructions

Please:

- Provide your answers ONLY in the spaces on the table provided for responses to each question.
- **DO NOT** alter the structure of this document (e.g. do not add additional rows or boxes for your answers, unless they are within the space already provided).
- **DO NOT** enter any information in blank spaces between questions or sections. The structure provided in this document is used to collate responses across Volunteer IAIGs. Any information entered outside this structure may result in that information being discarded during collation of the responses.

Please refer to the 2016 Field Testing Technical Specifications for instructions on submitting this questionnaire. In particular please adhere to the deadlines and the file naming convention provided therein.



# 2 Identification

1	Please provide the name of your Volunteer IAIG below:		
	Volunteer IAIG name		
	Insert text		
2			of this questionnaire (dd/mm/yyyy). If an earlier en updated please indicate a new date here:
	Date of this submis	ssion	
	Insert text		
3	Please indicate the name of the contact Questionnaire, including email address		persons for queries about the responses to this and telephone number.
	Primary Contact	Information	
	Name:	Insert text	
	Email:	Insert text	
	Phone: Insert text		
	Backup ContactInformationName:Insert text		
	Email: Insert text		
	Phone:	Insert text	



# 3 Consistent and Comparable Margin Over Current Estimate

### 3.1 Cost of Capital MOCE (CoC-MOCE)

FT Template Sheets referred to in this section:	ICS.MOCE
	ICS.MOCE.Patterns
Key FT Technical Specification sections relevant to this section	13.1 Cost of Capital MOCE (CoC-MOCE)

4	With respect to the consistent and comparable MOCE calculations (both prudence and cost of capital approaches), should there be any difference in the calculation of the MOCE under GAAP Plus from the MOCE under MAV?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please provide specific suggestion(s) on what these differences should be, provide the rationale supporting your suggestion(s), and indicate the impact of adopting your suggestion(s).		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
5	The current approach for Field Testing).	the cost of capital MOCE includes a fixed cost of capital (5% for the 2016	
	Do you agree that the cos	t of capital should be a fixed parameter?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, how should the fix evidence or reference to s	ed parameter cost of capital be determined? Please provide rationale and support your view.	
	If NO, should the cost of capital be linked to another economic variable (in order in particular to reflect different economic environments)? Please provide specific suggestions supported by evidence or reference.		
	Item name	Description and rationale	



	Insert text	Insert text
	(Add additional rows as ne	
6	In order to help assessing	the appropriate level of cost of capital, please provide:
	lien	A
	Item	Answer
	a) the weighted average cost of capital for your group	Insert text
	<ul> <li>b) the period of time (for example, 2015, 2014) to which the above cost relates (you may provide several costs of capital for several periods of time)</li> </ul>	
	c) the structure (equity versus debt) of the capital for your group	
7	Have you recently made a	ny acquisitions or disposals of books of insurance business?
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, what indication do	these transactions provide for the cost of capital?
	Transaction	Indication of cost of capital
	Insert text	Insert text
	(Add additional rows as ne	
8	Projection of capital requir	ement for non-life insurance risks:



	Do you agree that it is a reasonable simplification to project only 50% of the Premium risk to reflect that non-life policies are usually written for 12 months so that the average remaining in force period is around 6 months?			
	Provide your response by placing an 'x' in the relevant cell:			
	NO Not Applicable			
	If NO, please provide alter	rnative suggestion supported by rationale and evidence.		
	Suggestion	Rationale and evidence		
	Insert text	Insert text		
	Add additional rows as no	ecessary)		
9	Projection of capital require	rement for Catastrophe risk:		
	Do you agree that as catastrophe events (for example, natural catastrophe) could happen sudde at any given point in time, the full risk charge should be projected relying on the projection patter reflect the run-off of the risk?			
	Provide your response b	y placing an 'x' in the relevant cell:		
YES NO Not Applicable				
	If NO, please provide alter alternative suggestions.	rnative suggestions as well as rationale and evidence to support these		
	Suggestion	Rationale and evidence		
	Insert text	Insert text		
	Add additional rows as no	ecessary)		
10	``	Projection patterns for non-life:		
Do you agree that it is a reasonable simplification to apply for each line of business the same projection pattern for both Premium and Claims Reserve risks?		easonable simplification to apply for each line of business the same		
	Provide your response by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable		
If NO, please provide alternative suggestion as well as rationale and evidence to su alternative suggestion.		rnative suggestion as well as rationale and evidence to support this		

\_



	Suggestion	Rationale and evidence
	Insert text	Insert text
	(Add additional rows as ne	ecessary)
11	Projection patterns for life groups.	and health: Different projection patterns are allowed for 7 currency
	Is this an appropriate num and risk sensitivity?	ber of currency groupings, considering the trade-off between simplicity
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If NO, how many currency	groupings are necessary to appropriately reflect your business?
	Number of currency groupings necessary to reflect your business	Rationale
	Insert text	Insert text
	Add additional rows as ne	ecessary)
12	Projection patterns for life: longevity, lapse, expenses	different projection patterns are allowed by risk (for example, mortality,
	Is it appropriate to separat	e the projection patterns per risk?
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If no, please provide sugg	estion and rationale on how to group risks.
	Suggestion	Rationale
	Insert text	Insert text
	(Add additional rows as ne	• /
13		and health: Volunteer IAIGs are required to calculate the projection flows excluding amounts not exposed to risk (that is, net amounts at risk).



	Does your protection pattern exclude any amounts not exposed to risk?			
	Provide your response by placing an 'x' in the relevant cell:			
		NO Not Applicable		
	If YES, please explain what Mortality risk).	at amounts you exclude for which risk (for example, maturity benefit for		
	Item name	Description and rationale		
	Insert text	Insert text		
	Add additional rows as ne	ecessary)		
14	Projection patterns for life pattern based on cash out	and health: Volunteer IAIGs are required to calculate the projection flows excluding amounts not exposed to risk (that is, net amounts at risk). may provide alternative projection patterns based on sums at risk.		
	Have you have provided a	Iternative projection patterns based on sums at risk?		
	Provide your response b	y placing an 'x' in the relevant cell:		
	YES	NO Not Applicable		
	If YES, Please provide a definition of sums insured for each risk (for example, mortality, longevity, lapse, expenses) for which an alternative pattern is provided.			
	· · · · · ·	If YES, Please explain rationale and provide relevant evidence of why these alternatives projection patterns based on sums insured are more appropriate than the projections patterns based on cash outflows.		
	Item name	Description and rationale		
	Insert text	Insert text		
	Add additional rows as ne	ecessary)		
15	Do you have any suggestions to improve the cost of capital approach?			
	Provide your response by placing an 'x' in the relevant cell:			
	YES NO Not Applicable			
	If YES, please describe the suggestions and provide supporting evidence and rationale where relevant.			

\_\_\_\_



	Suggestion	Description and rationale	
	Insert text	Insert text	
	Add additional rows as r	Decessary)	
16	,	ments regarding this section?	
	Where appropriate, this in you provide which you co	ncludes comment on data, additional relevant data, and/or calculation that onsider relevant to the Field Testing analysis (that is, have the potential to n any conclusions reached based on the data and/or its analysis).	
	Provide your response by placing an 'x' in the relevant cell:		
	YES NO Not Applicable		
If YES, please specify the item or issue and discuss it and the rationale for its relevance Testing analysis.			
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.		
	Item name Description and rationale		
	Insert text	Insert text	
	(Add additional rows as r	necessary)	



### 3.2 Prudence MOCE (P-MOCE)

FT Template Sheets referred to in this section:	ICS.MOCE
Key FT Technical Specification sections relevant to this section	13.2 Prudence MOCE (P- MOCE)
Section	MOCE)

17	For Life and Health liabilities, the underlying distribution used for the various risks has been assumed to be best represented as normal, using the current estimate as the mean and the required capital as the implied 99.5 <sup>th</sup> percentile.		
	Is the assumption about the normal distribution appropriate for all life and health lines of business?		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
If YES or if NO but the NO relates only to some lines of business, does two thirds of one stand deviation represent an appropriate risk margin where a normal distribution is assumed or do believe based on your internal studies that another margin (such as one standard deviation represent a more appropriate interval?			
If NO, For which lines of business or segments is this distribution likely to be inappropriate a what distribution should be employed? If the log normal distribution is deemed superior for a areas, should a percentile methodology be used in preference to the standard deviation and what percentile(s) should be employed?			
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
18	For Life liabilities:		
	Are there any improvemer for the life liabilities in the	nts that should be made to the way the diversification adjustment is done Field Testing template?	
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please explain what improvement should be made to the way the diversification adjustme is done for the life liabilities in the Field Testing template.		
	Item name	Description and rationale	
	Insert text	Insert text	
L			



	(Add additional rows as ne	ecessary)			
19	For non-life liabilities, the a	approach used is based on avoiding the recognition of future profits.			
	Is there an alternate appro	pach you can recommend that would better approximate the expected			
		laims reserves and/or unearned premiums?			
	Provide vour response b	y placing an 'x' in the relevant cell:			
		NO Not Applicable			
	If YES, please describe the alternate approach.				
	Alternate approach	Description and rationale			
	Insert text	Insert text			
	(Add additional rows as ne	ecessary)			
20	For non-life liabilities, the a	approach used is based on avoiding the recognition of future profits.			
	Were there any difficulties	in providing reserves on an undiscounted basis?			
	Provide your response b	y placing an 'x' in the relevant cell:			
	T YES	NO Not Applicable			
	If YES, please describe th	ose difficulties.			
		rry, but with sufficient detail to allow an assessment of materiality and			
	direction of impact.				
	Item name	Description and rationale			
	Insert text	Insert text			
	Add additional rows as ne				
	, , , , , , , , , , , , , , , , , , ,				
21	Non-life unearned provision	ins:			
		on to improve the definition or description of the unearned premium			
	provision MOCE?				
	Provide your response b	y placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			



	premium provision M	OCE.				
	Suggestion	Rationale				
	Insert text	Insert text				
22	(Add additional rows					
22	Do you agree that thi	Non-life MOCE for claims: Do you agree that this component should be floored at zero and should not be allowed to become negative under negative discount rates?				
	Provide your respor	nse by placing an 'x' in the relevant cell:				
	YES	NO Not Applicable				
	If YES, provide a ratio	onale for your answer.				
	If NO, please explain how it should be calculated under negative discount rate and provide rationale.					
	Item name	Description and rationale				
	Insert text	Insert text				
	(Add additional rows					
23	improved?	ne simplified approach taken for the calculation of the P-MOCE can be				
	Provide your response by placing an 'x' in the relevant cell:					
	YES	NO Not Applicable				
	YES					
	YES	NO Not Applicable				
	YES	NO Not Applicable e your suggestion and rationale.				
	YES [ If YES, please provid Suggestion	NO Not Applicable e your suggestion and rationale. Rationale				
	YES [ If YES, please provid Suggestion	NO     Not Applicable       e your suggestion and rationale.       Rationale       Insert text				



24	Do you have further cor	Do you have further comments regarding this section?			
	you provide which you	Where appropriate, this includes comment on data, additional relevant data, and/or calculation that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).			
	Provide your response	e by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Field Testing analysis. Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.				
	Item name Description and rationale				
	Insert text	Insert text			
	(Add additional rows as necessary)				



### 4 The ICS Standard Method

### 4.1 Look-through

FT Template Sheets referred to in this section:	-
Key FT Technical Specification sections relevant to this section	14.2.1 Look-through

25	Were there any difficulties encountered in applying the look-through approach as described in the 2016 Field Testing Technical Specifications?				
	Provide your response by placing an 'x' in the relevant cell:				
	YES NO Not Applicable				
	If YES, please describe all material difficulties encountered in applying the look-through approach, your resolutions of these difficulties, the rationale supporting your resolutions, and indicate the impact of adopting these resolutions.				
	Please describe in summ direction of impact.	nary, but with sufficient detail to allow an assessment of materiality and			
	Item name Description and rationale				
	Insert text	Insert text			
	(Add additional rows as r	necessary)			
26	Do you have further com	ments regarding this section?			
	Where appropriate, this includes comment on data, additional relevant data, and/or calculations that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).				
	Provide your response	by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If YES, please specify the Testing analysis.	e item or issue and discuss it and the rationale for its relevance to the Field			
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.				
	Item name	Description and rationale			
	Insert text	Insert text			



(Add additional rows as r	necessary)	



### 4.2 Risk mitigation

. . . ...

FT Template Sheets referred to in this section:	ICS.Non-Life type risk
	All sheets ICS.Market.XXXX
	ICS.Credit Risk
Key FT Technical Specification sections relevant to this section	14.2.2 Risk mitigation

27	With regards to risks arising from the balance sheet as at the ICS Reference Date:					
		tigation arrangements with resp ead risk) also be recognised?	ect to Market risks (	e.g. Currency risk) and		
	Provide your response by placing an 'x' in the relevant cell:					
	YES NO Not Applicable					
	Please explain your answ	/er.				
	Item name	Description and rationale				
	Insert text	Insert text				
	(Add additional rows as r	ecessary)				
	If YES, please also respo	If YES, please also respond to the following requests:				
	a) Specific suggestion	ons for criteria that can be appli	ed to the recognition	of such renewals;		
	Suggestions for criteria					
	Insert text					
	(Add additional rows as necessary)					
	<ul> <li>b) Specific examples of risk mitigation arrangements your group has that would qualify as such.</li> <li>Please include details of which risks they address and the materiality of these arrangements; and</li> </ul>					
	Examples of risk mitigation qualify	Examples of risk mitigation arrangements that would Risks addressed Materiality qualify				
	Insert text		Insert text	Insert text		



	(Add additional rows as no	ecessary)	
	<ul> <li>Specific suggestions on how the issues such as future availability, future cost, and uncertainty of the decision should be addressed.</li> </ul>		
	Suggestion	Rationale	
	Insert text	Insert text	
	(Add additional rows as no	ecessary)	
28		ments are not recognised as a risk mitigation technique for current Field conflicts with Market risk capital charges that are calculated using	
		amic hedging arrangements should be included in the scope of recognised for development of the ICS version 2.0?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
		y and how dynamic hedging arrangements should be recognised as a risk e development of ICS version 2.0. Please address at least the following	
	<ul> <li>Explain any dynar should be recogni</li> </ul>	nic hedging programme your organisation carries out that you believe sed	
	-	urrent Field Testing approach can be amended in a manner appropriate to of the ICS and its guiding principles	
		ria should be met before the effect of dynamic hedging arrangements sed in the ICS capital requirement.	
	Item name	Description and rationale	
	Insert text	Insert text	
	Add additional rows as ne	ecessary)	
29	-	ewal of risk mitigation arrangements for Market risks or Credit risk (including Testing (even though the Technical Specifications are clear this is not	



policy decisio	ns that the IAIS may make	on this issue in the future	sk). This does not prejudge any
	r response by placing an 'x'	Not Applicable	
was done, an	d on a best efforts basis, ple llowed for the renewal of ris	ease estimate the effects	risk mitigation arrangements, h on the ICS and individual risks ts for Market risks and Credit ris
ICS Risk Charge	Reasons for recognising the renewal of risk mitigation arrangements	How renewal of risk mitigation arrangements was recognised	ICS Risk Charge if renewa of risk mitigation arrangements had not bee allowed
ICS capital requirement			
Market risk			
Interest Rate risk			
Equity risk			
Real Estate risk			
Currency risk			
Credit risk (including Spread risk)			
arrangements		and individual risks if you and Credit risk (including gation arrangements	gnise the renewal of risk mitiga a had allowed for renewal of ris Spread risk)? CS Risk Charge if you had allowed for renewal of risk mitigation arrangements
ICS capital requirement			
Market risk			



	Interest	
	Rate risk	
	Equity risk	
	Real Estate	
	risk	
	Currency	
	risk	
	Credit risk	
	(including	
	Spread risk)	
	(including Spread risk) in 2015 and 2016 results?	enewal of risk mitigation arrangements for Market risks or Credit risk 2015 Field Testing and if so has this created material differences between On a best efforts basis, please estimate the differences from 2015 Field erence from 2015 Field Testing, reply 'Nil' in the Differences from 2015 Field
	ICS Risk Charge	Differences from 2015 Field Testing results
	ICS	
	Market risk	
	Interest Rate risk	
	Equity risk	
	Real Estate risk	
	Currency risk	
	Credit risk (including	
	Spread risk)	
30	Were any material assur arrangements in non-life	nptions or simplifications used when allowing for risk mitigation data?
	Provide your response	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	mitigation arrangements	all material assumptions or simplifications used when allowing for risk in non-life data, provide the rationale supporting the assumptions or ate the impact of adopting the assumptions or simplifications.
	Please describe in summ direction of impact.	nary, but with sufficient detail to allow an assessment of materiality and
	Item name	Description and rationale
L		



31       Do you have any specific risk mitigation arrangements currently in place to which you have any the current Field Testing approach to risk-mitigation techniques that are in force for less than 12 months?         Provide your response by placing an 'x' in the relevant cell:         YES       NO	•
<ul> <li>31 Do you have any specific risk mitigation arrangements currently in place to which you have any the current Field Testing approach to risk-mitigation techniques that are in force for less than 12 months?</li> <li>Provide your response by placing an 'x' in the relevant cell:</li> </ul>	•
<ul> <li>31 Do you have any specific risk mitigation arrangements currently in place to which you have any the current Field Testing approach to risk-mitigation techniques that are in force for less than 12 months?</li> <li>Provide your response by placing an 'x' in the relevant cell:</li> </ul>	•
<ul> <li>31 Do you have any specific risk mitigation arrangements currently in place to which you have any the current Field Testing approach to risk-mitigation techniques that are in force for less than 12 months?</li> <li>Provide your response by placing an 'x' in the relevant cell:</li> </ul>	•
the current Field Testing approach to risk-mitigation techniques that are in force for less than 12 months? Provide your response by placing an 'x' in the relevant cell:	•
YES NO Not Applicable	
<ul> <li>If YES, please describe all the specific risk mitigation arrangements you currently have in place which you have applied the current Field Testing approach to risk-mitigation techniques that a force for less than the next 12 months. If applying the current Field Testing approach leads to outcomes that differ from those you consider are appropriate, please explain the nature and e the differences.</li> <li>Please describe in summary, but with sufficient detail to allow an assessment of materiality ar direction of impact.</li> </ul>	re in o xtent of
Item name Description and rationale	
Insert text Insert text	
(Add additional rows as necessary)	
32 Do you have further comments regarding this section? Where appropriate, this includes comment on data, additional relevant data, and/or calculation you provide which you consider relevant to the Field Testing analysis (that is, have the potent have a material impact on any conclusions reached based on the data and/or its analysis).	
Provide your response by placing an 'x' in the relevant cell:	
YES NO Not Applicable	
If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Testing analysis.	Field
Please describe in summary, but with sufficient detail to allow an assessment of materiality ar potential impact.	ıd
Item name Description and rationale	
Insert text Insert text	



(Add additional rows as r	necessary)	



## 4.3 Geographical segmentation

FT Template Sheets referred to in this section:	-
Key FT Technical Specification sections relevant to this section	14.2.3 Geographical segmentation

33	Were there any difficulties encountered in using the geographical segmentation as described in the 2016 Field Testing Technical Specifications?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please describe all material difficulties encountered in using the geographical segmentation (for example, were there some risks for which it was not possible to split results into geographical segments), your resolutions of these difficulties, the rationale supporting your resolutions, and indicate the impact of adopting these resolutions.		
	Please describe in summ direction of impact.	ary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as r	necessary)	
34	Do you have further com	ments regarding this section?	
	Where appropriate, this includes comments on data, additional relevant data, and/or calculations that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Field Testing analysis.		
	Please describe in summ potential impact.	ary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	



(Add additional rows as r	necessary)



### 5 Insurance risks

### 5.1 Mortality Risk

FT Template Sheets referred to in this section:	ICS.Life type Risk
Key FT Technical Specification sections relevant to this section	14.3.3 Mortality Risk

35	Were any material assumptions or simplifications used when providing data on Mortality risk?		
	Provide your response	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe all material assumptions or simplifications made for Mortality risk, provide the rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications.		
	Please describe in summ direction of impact.	nary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as r	necessary)	
36		nces in the way Mortality risk is assessed in your economic/internal models ch used in 2016 Field Testing?	
	Provide your response	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe the material differences, including the stress levels for Mortality risk in your economic/internal models (by geographical segments, if possible), as well as the underlying assumptions. Please also describe how the stresses applied in your economic/internal models are determined.		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	



	(Add additional rows as ne	ecessary)	
37	Are there material differen	ces in the Mortality risk charge between GAAP Plus and MAV?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES NO Not Applicable		
	If YES, please describe the primary drivers of the differences, if possible. For example, are differences driven by valuation, differences in the approach to the stress calculation or something else? Also include commentary on which result you believe is more reflective of the risk and why.		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne		
38	Did you specify any effect	of management actions for Mortality risk?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES NO Not Applicable		
	If YES, please describe ar	ny material management actions taken with respect to Mortality risk.	
	Management actions	Description and rationale	
	Insert text	Insert text	
	Add additional rows as ne	ecessary)	
39	`	nents regarding this section?	
33			
	Where appropriate, this includes comments on data, additional relevant data, and/or calculations that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	



 If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Field Testing analysis.

 Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.

 Item name
 Description and rationale

 Insert text
 Insert text

 Insert text
 Insert text

 Identified
 Insert text

 Insert text
 Insert text

 Insert text
 Insert text



### 5.2 Longevity Risk

FT Template Sheets referred to in this section:	ICS.Life type risk
Key FT Technical Specification sections relevant to this section	14.3.4 Longevity Risk

40	Were any material assumptions or simplifications used when providing data on Longevity risk?			
	Provide your response b	Provide your response by placing an 'x' in the relevant cell:		
	YES NO Not Applicable			
	If YES, please describe all material assumptions or simplifications made for Longevity risk, provide the rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications.			
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.			
	Item name	Description and rationale		
	Insert text	Insert text		
	(Add additional rows as ne	ecessary)		
41		ces in the way Longevity risk is assessed in your economic/internal pproach used in 2016 Field Testing?		
	Provide your response b	y placing an 'x' in the relevant cell:		
	YES	NO Not Applicable		
	If YES, please describe the material differences, including the stress levels for Longevity risk in your economic/internal models (by geographical segments, if possible), as well as the underlying assumptions. Please also describe how the stresses applied in your economic/internal models are determined.			
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.			
	Item name	Description and rationale		
	Insert text	Insert text		



	(Add additional rows as ne	ecessary)		
42	Are there material differences in the Longevity risk charge between GAAP Plus and MAV?			
	Provide your response by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable		
	If YES, please describe the primary drivers of the differences, if possible. For example, are differences driven by valuation, differences in the approach to the stress calculation or something else? Also include commentary on which result you believe is more reflective of the risk and why.			
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.			
	Item name Description and rationale			
	Insert text	Insert text		
	(Add additional rows as ne	ecessary)		
43	Did you specify any effect	of management actions for Longevity risk?		
	Provide your response by placing an 'x' in the relevant cell:			
	YES NO Not Applicable			
		ny material management actions taken with respect to Longevity risk.		
	Management actions	Description and rationale		
	Insert text	Insert text		
	(Add additional rows as ne	ecessary)		
44	Do you have further comm	nents regarding this section?		
	Where appropriate, this includes comments on data, additional relevant data, and/or calculations that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).			
	Provide your response b	y placing an 'x' in the relevant cell:		
	YES	NO Not Applicable		
	If YES, please specify the Testing analysis.	item or issue and discuss it and the rationale for its relevance to the Field		



Item name	Description and rationale
Insert text	Insert text



### 5.3 Health Risk (default approach for Morbidity and Disability Risk)

FT Template Sheets referred to in this section:	ICS.Health Risk
Key FT Technical Specification sections relevant to this section	14.3.5 Health Risk (default approach for Morbidity and Disability Risk)

45	Were any material assumptions or simplifications used when providing data on Health risk?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please describe all material assumptions or simplifications made for Health risk, provide rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications. Please describe in summary, but with sufficient detail to allow an assessment of materiality are direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
46	Considering that calibration is necessarily based on the one year volatility of claims, is the scaling factor an appropriate way to manage the level of the stress applied?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please comment on whether or not the scaling factor addresses the differences between annual business and multi-annual business, and if not, please suggest an alternative approach with a clear rationale.		
	Item name	Description and rationale	
	Insert text	Insert text	
	Add additional rows as ne		



47	Does the proposed segmentation (in 4 categories and 2 sub-categories) strike an appropriate				
	balance between simplicity and risk sensitivity?				
	Provide your response by placing an 'x' in the relevant cell:				
	YES	NO Not Applicable			
		alternative segmentation, including the rationale for such segmentation as			
	well as suggested data sources and/or evidence to support a calibration for the suggested				
	segmentation. Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.				
	Item name	Description and rationale			
	Insert text	Insert text			
	Add additional rows as n				
	(Auu auulional rows as r	ecessary)			
48	This question is relevant	specifically for Annual business.			
	Are the claim and expense	se payments included in the Current Estimate calculation an appropriate			
	Are the claim and expense payments included in the Current Estimate calculation an appropriate basis for applying the uplift in order to determine the capital charge? In particular, does this basis include all business at risk over the forthcoming year?				
	Provide your response I	by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If NO, should the uplift basis be subject to a floor, corresponding to the expected earned				
	for the forthcoming year?	Please provide the rationale for such an approach.			
	Item name	Description and rationale			
	Insert text	Insert text			
	(Add additional rows as n	ecessarv)			
10					
49		siness from 2015 Field Testing are considered Health lines of business in			
	2016 Field Testing.				
	Is the mapping of lines of business from Non-Life to Health appropriate?				
	Provide your response i	by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			



	If NO, please describe	why the mapping is not appropriate with specific reference to products and		
	identify any other non- calculating the Health	-life lines of business that should be allocated to Health for the purpose of risk charge.		
	Item name	Description and rationale		
	Insert text	Insert text		
	(Add additional rows a	is necessary)		
50	Were any practical issues or difficulties encountered in performing the Health module calculations?			
	Provide your respon	se by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable		
	If YES, please describe all material issues or difficulties encountered in performing the calculations, your resolutions of these difficulties, provide the rationale supporting your resolutions, and indicate the impact of adopting your resolutions. Please also provide any suggestions for further simplification / more practicable specifications.			
	Please describe in sur direction of impact.	Please describe in summary, but with sufficient detail to allow an assessment of materiality and		
	Item name	Description and rationale		
	Insert text	Insert text		
	(Add additional rows a	Is necessary)		
51		as necessary) erences in the Health risk charge between GAAP Plus and MAV?		
51	Are there material diff			
51	Are there material diff	erences in the Health risk charge between GAAP Plus and MAV?		
51	Are there material differences driven by else? Also include cor	erences in the Health risk charge between GAAP Plus and MAV? se by placing an 'x' in the relevant cell: NO Not Applicable we the primary drivers of the differences, if possible. For example, are valuation, differences in the approach to the stress calculation or something nmentary on which result you believe is more reflective of the risk and why.		
51	Are there material differences driven by else? Also include cor	erences in the Health risk charge between GAAP Plus and MAV? se by placing an 'x' in the relevant cell: NO Not Applicable we the primary drivers of the differences, if possible. For example, are valuation, differences in the approach to the stress calculation or something		
51	Are there material differences driven by vertice of the second se	erences in the Health risk charge between GAAP Plus and MAV? se by placing an 'x' in the relevant cell: NO Not Applicable we the primary drivers of the differences, if possible. For example, are valuation, differences in the approach to the stress calculation or something nmentary on which result you believe is more reflective of the risk and why.		



	(Add additional rows as ne	ecessary)	
52	Is the simplified calculation provided in Section 14.3.5.2 of the Field Testing Technical Specifications, for the unbundling of Life and Health guarantees, appropriate? In particular, under the example given, is it appropriate to capture 100% of the Mortality and Longevity risks relating to the Life + Health policy, and 70% of the other risks?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If NO, please describe an alternative approach for unbundling Life and Health guarantees, provention the rationale supporting your approach, and indicate the potential impact of adopting your approach.		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne		
53	Did you specify any effect of management actions for Health risk?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please describe any material management actions taken with respect to Health risl		
	Management actions	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
54	Do you have further comm	ents regarding this section?	
	Where appropriate, this includes comments on data, additional relevant data, and/or calculations that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).		
	Provide your response by	y placing an 'x' in the relevant cell:	



YES	NO Not Applicable
If YES, please spec Testing analysis.	cify the item or issue and discuss it and the rationale for its relevance to the F
	summary, but with sufficient detail to allow an assessment of materiality and
potential impact.	
Item name	Description and rationale
	Description and rationale Insert text
Item name	

### 5.4 Morbidity and Disability Risk (alternative approach)

FT Template Sheets referred to in this section:	ICS.Life type risk
Key FT Technical Specification sections relevant to this section	14.3.6 Morbidity and Disability Risk (alternative approach)

Were any material assumptions or simplifications used when providing data on Morbidity/Disability risk?		
Provide your response by placing an 'x' in the relevant cell:		
YES	NO Not Applicable	
If YES, please describe all material assumptions or simplifications made for Morbidity/Disability risk, provide the rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications.		
Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
Item name	Description and rationale	
Insert text	Insert text	
(Add additional rows as n	ecessary)	
Is the methodology for determining the Morbidity/Disability risk charge as specified in the Technical Specifications appropriate?		
	risk?  Provide your response to YES  If YES, please describe a provide the rationale supplease describe in summing Please describe in summing Please describe in summing (Insert text (Add additional rows as not set to be additional	



	Provide your response	e by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	-	now the approach could be adjusted, provide the rationale supporting your te the impact of adopting your adjustments.
	Please describe in sum direction of impact.	mary, but with sufficient detail to allow an assessment of materiality and
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as	necessary)
57	Did you specify any effe	ect of management actions for Morbidity/Disability risk?
	Provide your response	e by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe	any material management actions taken with respect to Morbidity/Disability
	risk.	
	Management actions	Description and rationale
	Insert text	Insert text
	(Add additional rows as	necessary)
58	Do you have further comments regarding this section?	
	Where appropriate, this includes comments on data, additional relevant data, and/or calculations	
	<ul> <li>that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).</li> <li>Provide your response by placing an 'x' in the relevant cell:</li> </ul>	
	YES	NO Not Applicable
	If YES, please specify th Testing analysis.	he item or issue and discuss it and the rationale for its relevance to the Field
		mary, but with sufficient detail to allow an assessment of materiality and



Item name	Description and rationale
Insert text	Insert text
(Add additional rows as	necessary)



### 5.5 Lapse Risk

FT Template Sheets referred to in this section:	ICS.Life type Risk
Key FT Technical Specification sections relevant to this section	14.3.7 Lapse Risk

59	Were any material assum	ptions or simplifications used when providing data on Lapse risk?
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe all material assumptions or simplifications made for Lapse risk, provide to rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications. Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.	
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as ne	ecessary)
60	Were any practical issues or difficulties encountered in applying the Lapse risk methodology as specified within the technical specifications? For example, were there practical issues in separating the life and health components?	
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe all material issues or difficulties encountered in applying the specified methodology, your resolutions of these difficulties, provide the rationale supporting your resolutions, and indicate the impact of adopting your resolutions.	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.	
	Item name	Description and rationale
	Insert text	Insert text



	(Add additional rows as n	ecessary)
61	For the level and trend ris appropriate?	k, is the proposed treatment of products with dynamic lapse function
	Provide your response b	by placing an 'x' in the relevant cell:
	YES NO Not Applicable	
	If NO, please describe an alternative approach to the treatment of such products, provide the rationale supporting your approach, and indicate the impact of adopting your approach.	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.	
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as no	
62	differentiating between po	what is the impact of cross subsidisation by the change in design of not licies with positive and negative surrender strains?
	Please provide the approx to the current 2016 design	ximate % reduction of the mass lapse charge moving from the 2015 design n.
	Impact of cross- subsidisation	Any further comments on cross-subsidisation
	Insert text	Insert text
	Add additional rows as n	ecessary)
63	The technical specifications currently specify that the mass lapse requirement is applicable to all surrenderable products, that is, products that provide cash value upon surrender. This condition is consistent with the risk of large increases in lapses occurring over a short period of time as elaborated in the 2014 ICS Consultation Document. Is this condition is appropriate?	
	Provide your response by placing an 'x' in the relevant cell:         YES       NO         Not Applicable	
		w the scope of the mass lapse requirement should be modified, provide our adjustments, and indicate the impact of adopting your adjustments.



Item nan	ne	Description and rationale		
Insert tex		Insert text		
(Add addit	ional rows as ne	ecessarv)		
Are there	material differer	nces in the way Lapse risk is assessed in your economic/internal model		
compared	to the approach	h used in 2016 Field Testing?		
Provide	your response b	by placing an 'x' in the relevant cell:		
YES	;	NO Not Applicable		
economic/ assumptic	If YES, please describe the material differences, including the stress levels for Lapse risk in your economic/internal models (by geographical segments, if possible), as well as the underlying assumptions. Please also describe how the stresses applied in your economic/internal models are			
	determined.			
Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.				
		ary, but with sufficient detail to allow an assessment of materiality and		
	f impact.	ary, but with sufficient detail to allow an assessment of materiality and Description and rationale		
direction o	f impact. ne			
direction of the section of the sect	f impact. ne	Description and rationale		
direction of the section of the sect	f impact. ne	Description and rationale		
direction of Item nam	f impact. ne	Description and rationale Insert text		
direction of Item nam Insert te: (Add addit	of impact. ne kt ional rows as no	Description and rationale Insert text ecessary)		
direction of Item nan Insert tex (Add addit Are there	if impact. ne kt ional rows as no material differer	Description and rationale Insert text ecessary) hces in the Lapse risk charge between GAAP Plus and MAV?		
direction of Item nam Insert tex (Add addin Are there	if impact. ne kt ional rows as no material differer your response b	Description and rationale Insert text ecessary) nces in the Lapse risk charge between GAAP Plus and MAV? by placing an 'x' in the relevant cell:		
direction of Item nan Insert tex (Add addit Are there	if impact. ne kt ional rows as no material differer your response b	Description and rationale Insert text ecessary) hces in the Lapse risk charge between GAAP Plus and MAV?		
direction of Item nam Insert tex (Add addit Are there Provide y YES If YES, ple difference else? Also	of impact.	Description and rationale         Insert text         ecessary)         nces in the Lapse risk charge between GAAP Plus and MAV?         by placing an 'x' in the relevant cell:         NO       Not Applicable         ne primary drivers of the differences, if possible. For example, are lation, differences in the approach to the stress calculation or something entary on which result you believe is more reflective of the risk and why		
direction of Item nam Insert tex (Add addit Are there Provide y YES If YES, ple difference else? Also	of impact.	Description and rationale Insert text ecessary) nces in the Lapse risk charge between GAAP Plus and MAV? by placing an 'x' in the relevant cell: NO Not Applicable ne primary drivers of the differences, if possible. For example, are lation, differences in the approach to the stress calculation or something		
direction of Item nam Insert te: (Add addit Are there Provide y YES If YES, ple difference else? Also Please de	of impact.	Description and rationale         Insert text         ecessary)         nces in the Lapse risk charge between GAAP Plus and MAV?         by placing an 'x' in the relevant cell:         NO       Not Applicable         ne primary drivers of the differences, if possible. For example, are lation, differences in the approach to the stress calculation or something entary on which result you believe is more reflective of the risk and why		



	(Add additional rows as r	necessary)
66	Did you specify any effect	t of management actions for Lapse risk?
	Provide your response	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe a	any material management actions taken with respect to Lapse risk.
	Management actions	Description and rationale
	Insert text	Insert text
	(Add additional rows as r	necessary)
67	Do you have further com	ments regarding this section?
	that you provide which yo	ncludes comments on data, additional relevant data, and/or calculations ou consider relevant to the Field Testing analysis (that is, have the potential t on any conclusions reached based on the data and/or its analysis).
	Provide your response	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Fiel Testing analysis.	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.	
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as r	necessary)



## 5.6 Expense Risk

FT Template Sheets referred to in this section:	ICS.Life type Risk
Key FT Technical Specification sections relevant to this section	14.3.8 Expense Risk

68	Were any material assum	nptions or simplifications used when providing data on Expense risk?	
	Provide your response t	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe all material assumptions or simplifications made for Expense risk, provide the rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications.		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as n		
69		nces in the way Expense risk is assessed in your economic/internal models h used in 2016 Field Testing?	
	Provide your response t	by placing an 'x' in the relevant cell:	
YES NO Not Applicable If YES, please describe the material differences, including the stress levels for Expen economic/internal models (by geographical segments, if possible), as well as the und assumptions. Please also describe the expense assumption structure used in your economic/internal models and how the stresses applied in your economic/internal models applied in your economic/internal models applied in your economic/in		NO Not Applicable	
		s (by geographical segments, if possible), as well as the underlying odescribe the expense assumption structure used in your	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	



	(Add additional rows as ne	ecessary)
70	•	al Specifications specify that the Expense risk charge is determined as the omponent and expense inflation component. Is this treatment appropriate?
	Provide your response by placing an 'x' in the relevant cell:	
YES NO Not Applicable If NO, please describe how these two components should be aggregated, provide the rat supporting your proposal, including data sources to justify your proposal, and indicate the adopting your proposal.		NO Not Applicable
	Please describe in summa direction of impact.	ary, but with sufficient detail to allow an assessment of materiality and
	Item name	Description and rationale
	Insert text	Insert text
	Add additional rows as ne	
74		
71	assumption in the current	odology and reference data used in determining the expense inflation estimate
	Methodology / reference data	Description and rationale
	Insert text	Insert text
	(Add additional rows as ne	ecessary)
72	Is general inflation data suitable reference data for calibration of insurance expense inflation stress?	
	Provide your response by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable
		alternative data source, provide the rationale supporting the use of this nd indicate the potential impact on the calibration of Expense risk.
	Please describe in summa direction of impact.	ary, but with sufficient detail to allow an assessment of materiality and
	Item name	Description and rationale



		la se state et
	Insert text	Insert text
	(Add additional rows as ne	ecessary)
73	Should a cap be imposed	on the expense inflation component?
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	to be imposed and provide expense inflation compone Please describe in summa	v this cap should be imposed over the projection period, the amount of cap the rationale/quantitative evidence to support introducing a cap on the ent. ary, but with sufficient detail to allow an assessment of materiality and
	direction of impact.	
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as ne	ecessary)
74	Are there material differen	ces in the Expense risk charge between GAAP Plus and MAV?
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	differences driven by valua else? Also include comme	e primary drivers of the differences, if possible. For example, are ation, differences in the approach to the stress calculation or something ntary on which result you believe is more reflective of the risk and why. ary, but with sufficient detail to allow an assessment of materiality and
	Item name	Description and rationale
	Insert text	Insert text
	Add additional rows as ne	ecessary)
75	Did you specify any effect	of management actions for Expense risk?
		y placing an 'x' in the relevant cell:



	YES	NO Not Applicable
	If YES, please describe a	ny material management actions taken with respect to Expense risk.
	Management actions	Description and rationale
	Insert text	Insert text
	(Add additional rows as no	ecessary)
76	Do you have further comm	nents regarding this section?
	Where appropriate, this in	cludes comments on data, additional relevant data, and/or calculations
		u consider relevant to the Field Testing analysis (that is, have the potential
	to have a material impact	on any conclusions reached based on the data and/or its analysis).
	Provide your response b	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please specify the	item or issue and discuss it and the rationale for its relevance to the Field
	Testing analysis.	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and	
	potential impact.	
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as no	ecessary)



## 5.7 Premium Risk and Claims Reserve Risk

FT Template Sheets referred to in this section:	ICS.Non-Life type risk
Key FT Technical Specification sections relevant to this	14.3.9 Premium Risk and
section	Clams Reserve Risk

77		non-life Claims Reserve risk charges are calculated based on the lines of
	-	lictions in the various regions.
	the risk location?	
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please provide tha	t feedback.
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as ne	ecessary)
78		non-life Claims Reserve risk charges are calculated based on the lines of
	-	<pre>dictions in the various regions.</pre> <pre>c on the level of granularity in the lines of business within each region?</pre>
		y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please provide tha	t feedback.
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as ne	ecessary)
79	business in the main juriso	non-life Claims Reserve risk charges are calculated based on the lines of dictions in the various regions. < on the definitions provided in the Technical Specifications?
	Provide your response b	y placing an 'x' in the relevant cell:



	YES	NO	Not Applicable
	If YES, please provide th	at feedback.	
	Item name	Description	and rationale
	Insert text	Insert text	
	(Add additional rows as r	ecessary)	
80	Did you apply any simplif and lines of business?	ications in allo	cating your business across the geographical segmentation
	Provide your response	by placing an 'z	x' in the relevant cell:
	YES	NO	Not Applicable
	-	•	tions and provide the rationale supporting those of adopting your simplifications.
	Please describe in summ direction of impact.	ary, but with s	ufficient detail to allow an assessment of materiality and
Item name Description and rationale			
	Insert text	Insert text	
	(Add additional rows as r		
81	I o take the limitations of charge across geographi		account, should the IAIS limit the differentiation of risk on?
	Provide your response	by placing an 'z	x' in the relevant cell:
	YES	NO	Not Applicable
	If YES, please explain yo	ur answer in te	erms of how the IAIS should approach calibration
	If NO, if relevant please e	explain how the	e IAIS should address limitations of reporting into account.
	Item name	Description	and rationale
	Insert text	Insert text	



	(Add additional rows as ne	ecessary)	
82	Were you able to report a	• •	of risks?
	Provide your response b	U	
			Applicable
			Аррисаріе
	If NO releases indicates		
	If NO, please indicate:	and della for each the D	
			remium and Claims Reserve risk charge?
	- is the limitation feature?	n in reporting temporary	as part of the best effort basis or a permanent
	Item name	Description and ration	ale
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
83		_	ed to one of a predefined number of buckets,
	based on the level of une		
	Please provide your views number of buckets for Pre		and evidence on the appropriateness of the
	Views on the appropriater	less of the number of bu	ickets for Premium risk:
	Comments on number o	fbuckets	Rationale and Evidence
	Insert text		Insert text
	(Add additional rows as ne	ecessary)	·
84		•	ed to one of a predefined number of buckets,
	based on the level of une		
	Please provide your views buckets for Premium risk a		and evidence, on the factors applied to the are appropriate.
	Views on the factors appli	ed to the buckets for Pre	emium risk and whether the levels are appropriate:
	Comments on factors ap	plied to the buckets	Rationale and Evidence
	Insert text		Insert text



		-	
85		•	•
			and evidence, on the mapping of each line of
	Views on the mapping o	f each line of business to	the Premium risk bucket:
	(Add additional rows as necessary)         For Premium risk, each line of business is assigned to one of a predefined number of buckets, based on the level of unexpected losses at 99.5% VaR.         Please provide your views, supported by rationale and evidence, on the mapping of each line of business to the Premium risk bucket:         Views on the mapping of each line of business to the Premium risk bucket:         Comments on mapping of lines of business to the Premium risk buckets:         Insert text       Insert text         Insert text       Insert text         (Add additional rows as necessary)         For Premium risk, do you underwrite any line of business that provides exclusively Catastropher risk cover?         Provide your response by placing an 'x' in the relevant cell:         YES       NO         Not Applicable         If YES, please identify the line of business, describe the risks and coverages included, indicate in which ICS reporting segment this is currently reported and provide a quantification of the corresponding premium.         Please comment on whether there is likely to be double counting with the Catastropher risk charge taking into account the diversification allowances.         Item name       Description and rationale         Insert text       Insert text         Insert text       Insert text         Insert text       Insert text         Insert text       Insert text         Insert text		
Comments on mapping of lines of business to Premium risk buckets       Rationale and Evidence         Insert text       Insert text         (Add additional rows as necessary)       (Add additional rows as necessary)         86       For Premium risk, do you underwrite any line of business that provides exclusively Catastroph cover?         Provide your response by placing an 'x' in the relevant cell:         YES       NO         NO       Not Applicable         If YES, please identify the line of business, describe the risks and coverages included, indicat			Insert text
	(Add additional rows as	necessary)	
86		u underwrite any line of b	usiness that provides exclusively Catastrophe risk
	Provide your response	by placing an 'x' in the re	levant cell:
	YES	NO Not	Applicable
	which ICS reporting seg corresponding premium. Please comment on whe	ment this is currently repo other there is likely to be d	rted and provide a quantification of the
	Item name	Description and ration	ale
	Insert text	Insert text	
	`	5,	
87			-
			and evidence on the appropriateness of the
	Views on the appropriate	eness of the number of bu	ickets for Claims Reserve risk
	Comments on number	of buckets	Rationale and Evidence
	Insert text		Insert text



	(Add additional rows as necessary)				
88	buckets, based on the level of unexpected losses	For Claims Reserve risk, each line of business is assigned to one of a predefined number of buckets, based on the level of unexpected losses at 99.5% VaR. Please provide your views, supported by rationale and evidence, on the appropriateness of the			
	factors applied to the buckets for Claims Reserve				
	Views on the appropriateness of the factors applie	ed to the buckets for Claims Reserve risk:			
	Comments on factors applied to the buckets	Rationale and Evidence			
	Insert text	Insert text			
	(Add additional rows as necessary)				
89	For Claims Reserve risk, each line of business is a buckets, based on the level of unexpected losses	<b>č</b>			
	Please provide your views, supported by rationale mapping of each line of business to the Claims Re				
Comments on factor         Insert text         (Add additional rows         89       For Claims Reserver         buckets, based on the         Please provide your         mapping of each line         Your views on the aprisk bucket         Comments on map         Premium risk bucket         Insert text         (Add additional rows         90       The approach being         a)       Premium and	Your views on the appropriateness of the mapping risk bucket	g of each line of business to the Claims Reserve			
	Comments on mapping of lines of business to Premium risk buckets	Rationale and Evidence			
	Insert text	Insert text			
	(Add additional rows as necessary)				
90	The approach being tested in the Field Testing is	to aggregate in three steps:			
	<ul> <li>a) Premium and Claims Reserve risk first wit depending on the type of business;</li> </ul>	hin a line of business, with the correlation			
	<ul> <li>b) lines of business within a geographical are liability-like, Other, NT Other); and</li> </ul>	ea based on the segment categories (property-like,			
	c) across geographical areas.				
	Are there material limitations of the proposed appr	roach?			
	Provide your response by placing an 'x' in the re	levant cell:			
	YES NO Not	Applicable			



	If YES, please provide evidence of these limitations and suggestions to improve the approach.				
	Material Limitation	Evidence and suggest	tions to improve the approach		
	Insert text Insert text				
	Add additional rows as i				
	````	27			
91	business within a geogra	phical area using correla	aggregate the risk charges across lines of tions assigned to property-like, liability-like, other, d other non-traditional is appropriate for the ICS		
	Do you agree with this a	pproach?			
	Provide your response	by placing an 'x' in the re	levant cell:		
	YES T		Applicable		
			, ppicable		
	If NO, please provide rat refinements	ionale and evidence to su	upport specific suggestions for possible		
		<b>.</b>			
	Suggestions for possib	le refinements	Rationale and evidence		
	Insert text		Insert text		
	Insert text		Insert text		
	Insert text		Insert text		
		necessary)	Insert text		
02	(Add additional rows as i				
92	(Add additional rows as i The approach being test	ed in 2015 Field Testing a	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard		
92	(Add additional rows as i The approach being test a correlation matrix, with	ed in 2015 Field Testing a each region with a factor	aggregates the risk charges across regions using		
92	(Add additional rows as i The approach being test a correlation matrix, with method? Do you agree with this a	ed in 2015 Field Testing a each region with a factor	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard		
92	(Add additional rows as i The approach being test a correlation matrix, with method? Do you agree with this a Provide your response	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard		
92	(Add additional rows as i The approach being test a correlation matrix, with method? Do you agree with this a	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard		
92	(Add additional rows as in The approach being test a correlation matrix, with method? Do you agree with this an Provide your response YES	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re NO Not	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard levant cell: Applicable		
92	(Add additional rows as in The approach being test a correlation matrix, with method? Do you agree with this an Provide your response YES	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re NO Not	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard		
92	(Add additional rows as in The approach being test a correlation matrix, with method? Do you agree with this an Provide your response YES	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re NO Not	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard levant cell: Applicable		
92	(Add additional rows as in The approach being test a correlation matrix, with method? Do you agree with this an Provide your response YES	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re NO Not	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard levant cell: Applicable upport specific suggestions for possible Rationale and evidence		
92	(Add additional rows as in The approach being test a correlation matrix, with method? Do you agree with this an Provide your response YES	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re NO Not	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard levant cell: Applicable		
92	(Add additional rows as in The approach being test a correlation matrix, with method? Do you agree with this an Provide your response YES	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re NO Not	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard levant cell: Applicable upport specific suggestions for possible Rationale and evidence		
92	(Add additional rows as in The approach being test a correlation matrix, with method? Do you agree with this an Provide your response YES	ed in 2015 Field Testing a each region with a factor pproach? by placing an 'x' in the re NO Not	aggregates the risk charges across regions using of 25 per cent is appropriate for the ICS standard levant cell: Applicable upport specific suggestions for possible Rationale and evidence		



	(Add additional rows as ne	ecessary)			
93	Were any material assum Reserve risk?	ptions or simplifications	used when providing data on Premium and Claims		
	Provide your response b	y placing an 'x' in the re	levant cell:		
	YES	NO Not	Applicable		
	Provide your response by placing an 'x' in the relevant cell:				
		ary, but with sufficient de	etail to allow an assessment of materiality and		
	Item name	Description and ration	ale		
	Insert text	Insert text			
		• •			
94			Premium risk charge or Claims Reserve risk		
	Provide your response b	y placing an 'x' in the re	levant cell:		
	YES	NO Not	Applicable		
	charges and Claims Rese drivers of the differences i	rve risk charges betwee f possible. Should there	n GAAP Plus and MAV. Describe the primary be different factors? .Also include any		
	and MAV with respect to Premium risk and				
	Insert text		Insert text		
	`				
95	-	-	•		
			nethods and statistical approaches to suggest that		
	_	-	consistent with the ICS target criteria?		



	Provide your response by placing an 'x' in the relevant cell:						
	YES NO Not Applicable						
	If YES, please describe th	ose methods and statis	tical approaches				
	Methods and Statistical a	approaches	Description and rationale				
	Insert text		Insert text				
	Add additional rows as ne	cessarv)					
96	,		re being collected in order to refine the collibration				
90	of factors for both Premiur	n and Claims Reserve r	re being collected in order to refine the calibration isks in IAIS FT 2016_Supplementary_Non Life				
	Insurance Risk-(20160520	)).					
	Were any treatments or ac	djustments made to the	submitted data?				
	Provide your response b	y placing an 'x' in the re	levant cell:				
	YES	NO Not	Applicable				
		-	nts made, provide the rationale for their relevance act of adopting the treatments or adjustments.				
	Please describe in summa	ary, but with sufficient de	etail to allow an assessment of materiality and				
	potential impact.		· · · · · · · · · · · · · · · · · · ·				
	Item name	Description and ration	ale				
	Insert text	Insert text					
	(Add additional rows as ne	ecessary)					
97	As part of the 2016 Field T	esting historical data a	re being collected in order to refine the calibration				
			isks in IAIS FT 2016_Supplementary_Non Life				
	Insurance Risk-(20160520	)).					
	Please provide some addi	tional information:					
	Please indicate if the ultim	ate loss + loss adjustm	ent expense (LAE) by accident year were				
		•	estimate) or of 31/12/2015 (most recent estimate).				
	In the latter case, please b	orietly describe the assu	mptions and approach adopted.				
	Item name	Description and ration	ale				
	Insert text	Insert text					
1							



	(Add additional rows				
98	Do you have further	comments regarding this section?			
	you provide which yo	this includes comment on data, additional relevant data, and/or calculation that ou consider relevant to the Field Testing analysis (that is, have the potential to act on any conclusions reached based on the data and/or its analysis).			
	Provide your respo	nse by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	Testing analysis. Please describe in s	fy the item or issue and discuss it and the rationale for its relevance to the Field ummary, but with sufficient detail to allow an assessment of materiality and			
	potential impact.				
	Item name	Description and rationale			
	Insert text Insert text				
	(Add additional rows	as necessary)			



#### 5.8 Catastrophe Risk

FT Template Sheets referred to in this section:	ICS.Catastrophe
Key FT Technical Specification sections relevant to this section	14.3.10 Catastrophe Risk

99 Please provide the following information about the natural catastrophe model used to produce the data provided in the template related to natural catastrophe. Information about the natural catastrophe model used to produce the data provided in the template related to natural catastrophe. Tropical Earthquake Other Other cyclone windstorm Model description Type of model: vendor / proprietary Vendor name(s) (if relevant) Vendor model name(s) (if relevant) Vendor model version(s) (if relevant) If not a vendor model: 1st year when the model was developed and used If not a vendor model: year of the last major update of the model Modelling specification Event set selected Frequency selected Attenuation function selected (if relevant) Secondary uncertainty (Y/N) Secondary perils included (primary peril for the 'other' category) Demand surge / Loss amplification (Y/N)



Model run: in house / by third					
party					
Exposures description					
Main territories of exposures					
Main lines of business covered					
Main geocoding level and estimated % of total exposures					
Estimated insurance / direct business (% of total exposures)					
Estimated non-proportional reinsurance business (% of total exposures)					
Modelling adjustment					
Please briefly describe the perils, sub-perils or territories not modelled to which you are materially exposed					
What additional charge did you include for non-modelled risks or non-modelled exposures or other (e.g. adjustments for exposure data quality, adjustments for exposure growth, model deficiencies – severity or frequency, other factors for prudence)? (%)					
Please briefly describe the method used to calculate the adjustment					
If you use multiple models, please explained how results from different models are aggregated/ blended					
Please describe how the impact losses net of protection.	of the risk mit	igation arran	gements was cal	culated to deterr	min



	How the impact of the risk mitigation arrangements was calculated to determine the losses net of protection.		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.		
	Item name	Description and ration	ale
	Insert text	Insert text	
	(Add additional rows as r		
101	models (for example, no	model available for these ire data collected does no	odelled are not modelled using catastrophe e perils or territories, concerns on the reliability of ot allow the use of models, etc.) and the
	Why the perils or territori territories.	es not modelled are not r	nodelled and the materiality of these perils or
	direction of impact.		etail to allow an assessment of materiality and
	Item name	Description and ration	ale
	Insert text	Insert text	
	Add additional rows as r		
400	· ·	-	
102	Do you have specific suggestions for amendments to the terrorist attack scenario you consider necessary to make it more suitable for the ICS standard method?		
	Provide your response	by placing an 'x' in the re	levant cell:
	YES NO Not Applicable		
	If YES, please provide those suggestions along with the rationale. Please differentiate amendments to improve the suitability of the scenario and amendments to improve the practicability of the calculation.		
	Suggestion		Rationale
	Insert text		Insert text
	(Add additional rows as necessary)		



103	Please provide the breakd	own of the impact of the	e terrorist attack scenario.
	Breakdown of the impact of the terrorist attack scenario.		
	Breakdown of impact of t scenario	errorist attack	Amount
	Own use building		
	Life or health covers prov	vided to own staff	
	Other		
	(Add additional rows as ne	cessarv)	
104	Latent liability scenario	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
-	Do you agree with the pro	oosed methodology?	
	Provide your response b		levant cell:
			Applicable
	If NO, please provide an a	Iternative approach suit	able for the ICS standard method.
	Alternative approach	Description and rationa	ale
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
105	Latent liability scenario		
	Do you agree with the relativities of the factors used across products and geographic regions in the latent liability scenario?		
	Provide your response by	y placing an 'x' in the re	levant cell:
	YES NO Not Applicable		
	If NO, please provide rationale and evidence on how the relativities should be adjusted.		
	Adjustments to     Description and rationale       relativities     Image: Comparison of the second		
	Insert text	Insert text	
	(Add additional rows as necessary)		



106	Latent liability scenario		
	Can you identify any segment(s) impacted by the latent liability coverage where you have significant claims made coverage?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please provide so coverage that is claims-m	me quantification (for example, percentage of 2015 NEP) of the portion of ade.	
	Segment	Quantification	
	Insert text	Insert text	
	(Add additional rows as n	ecessary)	
107	Latent liability scenario		
	Are there other segments	with latent liability exposure that should be included in the scenario?	
	Provide your response by placing an 'x' in the relevant cell:		
	YES NO Not Applicable		
	If YES, please provide specifics on the nature of this exposure and how to determine the factor.		
	Segment	Description and rationale	
	Insert text	Insert text	
	Add additional rows as n	ecessary)	
108	Latent liability scenario		
		ures that you think would be better suited to a latent liability risk than the	
	premium exposure currently used?		
	Provide your response b	by placing an 'x' in the relevant cell:	
	YES NO Not Applicable		
	include current estimates,	ernative exposure measures (examples of exposure measures may , policy limits, the sum of x years premiums, etc) and provide gestions for developing exposure factors including the rationale for your estion.	



	Recommendation or	Rationale
	suggestion	
	Insert text	Insert text
	(Add additional rows as no	ecessary)
109	Latent liability scenario	
	-	oility scenario is best situated within the Catastrophe risk component or nat is, Premium and Claims Reserve risk)?
	Provide your response b	y placing an 'x' in the relevant cell:
		Premium Not Applicable
		and Claims Reserve
		Risk
	Please provide a rationale	e for your answer.
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as no	ecessary)
110	Latent liability scenario	
		ecific suggestions and rationale for additional amendments to the latent ider necessary to make it more suitable for the ICS standard method n and the calibration)?
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
		ose suggestions for additional amendments to the latent liability scenario o make it more suitable for the ICS standard method (regarding both the ).
	Suggestion	Rationale
	Insert text	Insert text



	(Add additional rows as necessary)			
111	Do you have any specific suggestions for amendments to the pandemic scenario you consider necessary to make it more suitable for the ICS standard method?			
	Provide your response by placing an 'x' in the relevant cell:			
	YES	NO	Not Applicable	
	If YES, please describe specific suggestions for amendments to the pandemic scenario you consider necessary to make it more suitable for the ICS standard method and provide a rationale for those suggestions.			
	Suggestion	Rational	e	
	Insert text	Insert tex	xt	
	(Add additional rows as ne	• ·		
112	Do you have any specific suggestions for amendments to the marine scenario you consider necessary to make it more suitable for the ICS standard method?			
	Provide your response b			
	YES NO Not Applicable			
	If YES, please describe specific suggestions for amendments to the marine scenario you consider necessary to make it more suitable for the ICS standard method.			
	Please differentiate amendments to improve the suitability of the scenario and amendments to improve the practicability of the calculation.			
	Suggestion	а	Buitability of the scenario or mendment to improve racticability of the calculation	Rationale
	Insert text	Ir	nsert text	Insert text
	(Add additional rows as ne	ecessary)		
113			ns for amendments to the aviat for the ICS standard method?	ion scenario you consider
	Provide your response b	y placing a	an 'x' in the relevant cell:	
	YES	NO	Not Applicable	



		cific suggestions for amendments to th	e aviation scenario you consider	
	necessary to make it more suitable for the ICS standard method. Please differentiate amendments to improve the suitability of the scenario and amendments to			
improve the practicability of the calculation.				
	Suggestion	Suitability of the scenario or amendment to improve practicability of the calculation	Rationale	
	Insert text	Insert text	Insert text	
	(Add additional rows as nec	essary)		
114	Do you have any specific su to make it more suitable for	uggestions for amendment to the credit the ICS standard method?	and surety scenario is necessary	
	Provide your response by	placing an 'x' in the relevant cell:		
	YES N	O Not Applicable		
	If YES, please describe specific suggestions for amendment to the credit and surety scenario is			
	necessary to make it more suitable for the ICS standard method.			
	Please differentiate amendments to improve the suitability of the scenario and amendments to improve the practicability of the calculation.			
	Suggestion	Suitability of the scenario or amendment to improve practicability of the calculation	Rationale	
	Insert text	Insert text	Insert text	
	Add additional rows as nec			
115	In calculating the surety component of the credit and surety scenario, please indicate if the PML			
	methodology that you have applied take into account salvage and subrogation.			
		Provide your response by placing an 'x' in the relevant cell:		
	YES N	YES NO Not Applicable		
	If YES, please briefly descri	be the methodology.		
	Item name	Description and rationale		



	Insert text	Insert text	
	(Add additional rows as no	ecessary)	
116	2	exposures other than natural catastrophe that are not captured by the os and that you believe should be captured by the ICS standard method.	
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please describe th	ose material exposures.	
	Material exposures	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as no	••	
117		tingent credit risk proposed for 2015 Field Testing is a simplified te calculation would consider separately exposures to individual	
	Do you agree with the approach taken?		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	Please explain your answ	er.	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as no		
118	Do you have any additional component of the ICS state	al suggestion to improve the design or calibration of the catastrophe ndard method?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
1			



	If YES, please describe your suggestion and provide a rationale for the suggestion.		
	Suggestion	Rationale	
	Insert text	Insert text	
	(Add additional rows as	necessary)	
119	Are there material differe	ences in the Catastrophe risk charge between GAAP Plus and MAV?	
	Provide your response	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	differences driven by val else? Also include comr	the primary drivers of the differences, if possible. For example, are uation, differences in the approach to the stress calculation or something mentary on which result you believe is more reflective of the risk and why. nary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as	necessary)	
120	Do you have further com	ments regarding this section?	
	Where appropriate, this includes comment on data, additional relevant data, and/or calculation that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).		
	Provide your response	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please specify th Testing analysis.	e item or issue and discuss it and the rationale for its relevance to the Field	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.		
	Item name	Description and rationale	
	Insert text	Insert text	



Add additional rows as r	necessary)



# 6 Market risks

#### 6.1 Interest Rate risk

FT Template Sheets referred to in this section:	ICS.Market.Interest rate
Key FT Technical Specification sections relevant to this section	14.4.1 Interest Rate Risk

121	Were any material assumptions or simplifications used when providing data on Interest Rate risk?		
	Provide your respo	onse by placing an 'x' i	n the relevant cell:
	YES	NO	Not Applicable
	If YES, please describe all material assumptions or simplifications made for Interest Rate risk, provide the rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications.		
	Item name	Description an	d rationale
	Insert text	Insert text	
	(Add additional rows	• •	
122	Did you vary lapse rates in response to the interest rate scenarios?		
	Provide your response by placing an 'x' in the relevant cell:		
	YES NO Not Applicable		
	If YES, what were the major product groups for which you assumed that lapses vary with interest rates, and how much did the lapse rates change under scenarios?		
	Scenario	Major product groups	Description and rationale, change in lapse rates
	Insert text	Insert text	Insert text
	(Add additional rows	s as necessary)	
123	Does your group hav	ve products with intere	est rate guarantees?
	Provide your response by placing an 'x' in the relevant cell:		



	YES	NO Not Applicable	
	If YES, which product groups have interest rate guarantees triggered under scenarios? How do y value interest rate guarantees for the purposes of the interest rate stresses?		
	Product groups	Valuation of guarantees	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
124	Is the methodology for det	ermining the calibration and Interest Rate risk charge appropriate?	
	If no, how do you suggest	it could be improved?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If NO, how do you sugges	t it could be improved?	
	Suggestion	Description and rationale	
	Insert text	Insert text	
	Add additional rows as ne		
125		to calibrate interest rate stresses for currencies with less data than the no credible historical data, for example emerging markets?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES NO Not Applicable		
	If YES, please describe your suggestion.		
	Suggestion	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as necessary)		
126	Should the IAIS apply a st	ress after last observed calibration point on the yield curve?	



	Provide your response	by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If VES, how should that	If VES, how should that stross havend the last absorved calibration point on the yield surve be			
	determined?	If YES, how should that stress beyond the last observed calibration point on the yield curve be determined?			
	If NO, provide the rationale for that position.				
	Item name	Description and rationale			
	Insert text	Insert text			
	(Add additional rows as				
127					
	changed under each sce				
	Description of how each principal type of cash flow changed under each scenario. For example, whether it increased or decreased, due to what reasons, and whether it moved into a different matu				
	bucket, etc.				
	Liquidity Bucket	Principle types of liability cash flow and how it changed for each			
		scenario			
	0-5 years	Insert text			
	5-10 years				
	10-20 years				
	20-30 years				
	30+ years				
	(Add additional rows as necessary)				
128	What do you consider an appropriate number of years of data to be used in determining the shocked				
	interest rate curves?				
	In providing your rational	e for the appropriate number of years, please state what factors should be			
	taken into consideration	in determining the length of data?			
	Number of years	Rationale			
	Insert text	Insert text			
	(Add additional rows as necessary)				
129	Should the period be the same for all jurisdictions where data is available?				



	Provide your response by placing an 'x' in the relevant cell:				
	YES	NO Not Applicable			
	If YES, should the data be modified for jurisdictions where the data is only available for a shorter				
	period?				
	Item name	Description and rationale			
	Insert text	Insert text			
	(Add additional rows as ne	ecessary)			
130	Should the data be modified for periods of extreme volatility?				
	Provide your response by placing an 'x' in the relevant cell:				
	YES	NO Not Applicable			
	Please describe the rationale for your answer.				
	Item name	Description and rationale			
	Insert text	Insert text			
	Add additional rows as ne				
131	<b>`</b>				
131		ces in the Interest Rate risk charge between GAAP Plus and MAV?			
	Provide your response b	y placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If YES, please describe the primary drivers of the differences, if possible. For example, are				
	-	ation, differences in the approach to the stress calculation or something			
	else?				
	Also include commentary	on which result you believe is more reflective of the risk and why.			
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and				
	direction of impact.				
	Item name	Description and rationale			
	Insert text	Insert text			



	(Add additional rows as I	necessary)		
132	With respect to the application of GAAP Plus interest rate stresses:			
	Do you agree existing asset portfolio should be impacted by interest rate stresses?			
	Provide your response by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable		
	If NO, please explain why existing asset portfolio and/or associated cash flows are not subject interest rate stresses.			
	If YES, how quickly exist years, 3-5 years, etc.)?	ing portfolio yield will migrate to current stress rate (for example, after 1-3		
	Item name	Description and rationale		
	Insert text	Insert text		
	(Add additional rows as I	necessary)		
133	Did you encounter any p	Did you encounter any practical issues regarding implementation of each GAAP Plus stress method?		
	Provide your response	Provide your response by placing an 'x' in the relevant cell:		
	YES NO Not Applicable			
If YES, please describe those practical issues.				
	Please comment which method produces more reasonable stress outcomes in light of features of liability and asset portfolio.			
	Item name	Description and rationale		
	Insert text	Insert text		
	(Add additional rows as i	necessary)		
134	Specific to the Interest R	ate risk shock Method 2 for GAAP Plus:		
	Please specify how the blending of portfolio return and reinvestment rate was performed.			
	How the blending of portfolio return and reinvestment rate was performed for Interest Rate risk shock Method 2 for GAAP Plus.			



	Portfolio return and reinvestment rate blending Insert text	Description and rationale Insert text	
	(Add additional rows as	necessary)	
135	Do you have further comments regarding this section? Where appropriate, this includes comment on data, additional relevant data, and/or calculation that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).		
	Provide your response by placing an 'x' in the relevant cell:         YES       NO         If YES, please specify the item or issue and discuss it and the rationale for its relevance to the F Testing analysis.         Please describe in summary, but with sufficient detail to allow an assessment of materiality and		
	potential impact.	Description and rationale	
	Insert text	Insert text	
(Add additional rows as necessary)			



### 6.2 Equity risk

FT Template Sheets referred to in this section:	ICS.Market.Equity
Key FT Technical Specification sections relevant to this section	14.4.2 Equity Risk

136	Were any material assumptions or simplifications used when providing data on Equity risk?		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	risk, provide the rationale adopting the assumptions	I material assumptions or simplifications used when providing data on Equity supporting the assumptions or simplifications, and indicate the impact of or simplifications. ary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
137	Is your group sensitive to	the volatility up component of the scenario?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES NO Not Applicable		
	If YES, please describe what type of business / investment makes your balance sheet sensitive to the increases in implied volatility of equities.		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
138	Did you have any significa	nt issues in applying implied volatility shocks for different tenors?	



		by placing on by in the relevant calls	
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please describe a	any significant issues you had in applying implied volatility shocks for different	
	tenors.		
	Please describe in summ	nary, but with sufficient detail to allow an assessment of materiality and	
	direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as r	necessary)	
139			
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	-	he types of instruments that you classified under the "hybrid debt and	
	-	et, as well as the volumes of investment in those different categories in your	
	balance sheet.		
	Please describe in summ direction of impact.	nary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
		Insert text	
	Insert text		
	Add additional rows as r	necessary)	
140	Please provide information	on on the correlations you would expect between the assets of the four	
110	•	under a highly adverse scenario.	
	Information on the correl	ations you would expect between the assets of the four different equity	
	buckets, under a highly a		
		e evidence whether the behaviour across/within the different buckets is	
		(high correlation), or whether there is some heterogeneity (low correlation)	
	across/within the current		
	Item name	Description and rationale	
	Insert text	Insert text	



	Add additional rows as ne	ecessary)	
	· ·		
141		gmentation used for Equity risk is appropriate including the geographical markets and developed markets?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	would change the calibrati	ecific proposal for segmentation of Equity risk. Please indicate how that on of the stresses? That is, based on empirical evidence, what level of I to the segments that you have identified. Please compare to how similar Field Testing.	
	Suggestion	Description and rationale	
	Insert text	Insert text	
	Add additional rows as ne		
	· ·		
142	the target calibration used	ur business, do you think that the specified stresses are appropriate given in 2016 Field Testing?	
	Provide your response by	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
		tresses which you think would be more appropriate, and the ence supporting the alternative calibration you propose.	
	Item name	Description and rationale	
	Insert text	Insert text	
	Add additional rows as ne		
	<b>、</b>	.,	
143	Is the methodology for determining the Equity risk charge as specified in the Technical Specifications appropriate?		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	



	If NO, how do you suggest it could be improved?			
	Suggestion		Description and rationale	
	Insert text		Insert text	
	Add additional rc		2005520()	
4.4.4	`		• *	
144		-	ng the adequacy of the indices used to calibra	
			n on the types of equity composing your "other you deem appropriate.	equity" portfolio, with a
	Information on the	e types o	f equity composing your "other equity" portfolio	o, including the share of your
	other equity portfo	olio that e	each component comprises.	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.			
	Type of other	Descrip	tion and rationale	Share of other equity
	equity			
	Insert text	Insert te	ext	
	Add additional rc	ws as ne	ecessary)	
145	Are there materia	l differen	ces in the Equity risk charge between GAAP F	Plus and MAV?
	Provide your res	sponse b	y placing an 'x' in the relevant cell:	
	YES		NO Not Applicable	
	If YES, please de	scribe th	e primary drivers of the differences, if possible	. For example, are differences
	driven by valuatio	n, differe	nces in the approach to the stress calculation	or something else? Also
	include commenta	ary on wl	nich result you believe is more reflective of the	risk and why.
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.			
	Item name		Description and rationale	
	Insert text		Insert text	
	Add additional ro	ws as ne	ecessary)	
146	Do you have further comments regarding this section?			



YES			
YES	NO Not Applicable		
If VES please spec	cify the item or issue and discuss it and the rationale for its relevance to the Fi		
l esting analysis.	Testing analysis.		
Please describe in	summary, but with sufficient detail to allow an assessment of materiality and		
potential impact.			
potential impact.			
	Description and rationale		
potential impact.			
potential impact.	Description and rationale		
potential impact.	Description and rationale		
potential impact.	Description and rationale		
potential impact.	Description and rationale		



#### 6.3 Real Estate risk

FT Template Sheets referred to in this section:	ICS.Market.Real estate
Key FT Technical Specification sections relevant to this section	14.4.3 Real Estate Risk

147	-	ptions and simplifications used when providing data on Real Estate risk?
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	-	I material assumptions or simplifications made for Real Estate risk, provide the assumptions or simplifications, and indicate the impact of adopting the ions.
	Please describe in summa direction of impact.	ary, but with sufficient detail to allow an assessment of materiality and
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as ne	ecessary)
148	Did you have any significant issues you had in applying the technical specifications for Real Estate risk using the GAAP Plus approach?	
	Provide your response b	y placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe any significant issues you had in applying the technical specifications for Rea Estate risk using the GAAP Plus approach.	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.	
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as ne	ecessary)



4.45			
149		bur business, do you think that the specified stresses are appropriate given	
	the target calibration used	in 2016 Field Testing?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If NO please specify the s	stresses which you think would be more appropriate, and the	
		ence supporting the alternative calibration you propose including availability	
	of data sources.	ence supporting the alternative calibration you propose metading availability	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as necessary)		
150	Should calibration of the F	Real Estate stresses be differentiated on a regional segmentation?	
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
		a regional segmentation. Please indicate any sources of empirical	
	evidence about real estate	e prices in the markets in which the Volunteer IAIG operates.	
	Regional segmentation	Description, rationale and data sources	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
151	Is the methodology for det	termining the Real Estate risk charge as specified in the Technical	
	Specifications appropriate		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If NO, how do you sugges	t it could be improved?	
	Suggestion         Description and rationale		
	Insert text	Insert text	
	Insert text	Insert text	



	(Add additional rows as	necessary)
152	Are there material differ	ences in the Real Estate risk charge between GAAP Plus and MAV?
	Provide your response	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	differences driven by va	the primary drivers of the differences, if possible. For example, are luation, differences in the approach to the stress calculation or something mentary on which result you believe is more reflective of the risk and why.
	Please describe in sum direction of impact.	mary, but with sufficient detail to allow an assessment of materiality and
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as	necessary)
153	Do you have further cor	nments regarding this section?
	Where appropriate, this includes comment on data, additional relevant data, and/or calculation that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).	
	Provide your response	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Field Testing analysis.	
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.	
	Item name	Description and rationale
	Insert text	Insert text
	Add additional rows as	necessary)



#### 6.4 Currency risk

FT Template Sheets referred to in this section:	ICS.Market.Currency
Key FT Technical Specification sections relevant to this section	14.4.4 Currency Risk

154	Were any material assumptions or simplifications used when providing data on Currency risk?		
	Provide your response b	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	-	Il material assumptions or simplifications made for Currency risk, provide the ssumptions or simplifications, and indicate the impact of adopting the tions.	
	Please describe in summa direction of impact.	ary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as n	ecessary)	
155	5 Calculation of the net open position - For the purposes of 2016 Field Testing, the net open position is defined as all assets less all liabilities items less up to 10% of net insurance liabilities in the currency under consideration, including accrued interest and accrued expenses.		
	Is this exemption (that is, contribution to the ICS ca	up to 10% of net insurance liabilities) an appropriate proxy for a subsidiary's pital requirement?	
	Provide your response b	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
		nore appropriate proxy, provide the rationale supporting your suggestion, adopting your suggestion.	
	Please describe in summa direction of impact.	ary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	



	(Add additional rows as r	necessary)
156	Did you specify any effect of management actions for Currency risk?	
	Provide your response by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable
	If YES, please describe a	ny material management actions taken with respect to Currency risk.
	Management actions	Description and rationale
	Insert text	Insert text
	(Add additional rows as r	
157	Are there material differe	nces in the Currency risk charge between GAAP Plus and MAV?
	Provide your response	by placing an 'x' in the relevant cell:
	YES 🗌	NO Not Applicable
If YES, please describe the primary drivers of the differences, if possible. For example, are differences driven by valuation, differences in the approach to the stress calculation or somethelse? Also include commentary on which result you believe is more reflective of the risk and vertice describe in summary, but with sufficient detail to allow an assessment of materiality are direction of impact		
	Item name	Description and rationale
	Insert text	Insert text
	Add additional rows as r	lecessary)
158		
	Where appropriate, this includes comments on data, additional relevant data, and/or calculations that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).	
	Provide your response	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
1		



 If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Field Testing analysis.

 Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.

 Item name
 Description and rationale

 Insert text
 Insert text

 (Add additional rows as necessary)



#### 6.5 Asset Concentration risk

FT Template Sheets referred to in this section:	ICS.Market.Asset concentration
Key FT Technical Specification sections relevant to this section	14.4.5 Asset Concentration Risk

159	Were any material assum risk?	ptions or simplifications used when providing data on Asset Concentration	
	Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please describe all material assumptions or simplifications made for Asset Concentration risk, provide the rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications.		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as no	ecessary)	
160	Are there any issues or concerns with the incremental risk charges used for 2016 Field Testing		
	purposes? Provide your response by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable	
	If YES, please describe the concerns.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as no	ecessary)	
161	Were any deviations from	the BCBS definition of connected counterparties applied?	
	Provide your response b	by placing an 'x' in the relevant cell:	



	YES		
		NO Not Applicable	
	If YES, please describe	e the deviations along with an estimate of the impact of those variations.	
		nmary, but with sufficient detail to allow an assessment of materiality and	
	direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as	s necessary)	
162		al issues/difficulties in applying the Field Testing Technical Specifications for	
102	,	sk using the GAAP Plus approach?	
	Provide your respons	e by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	rationale supporting yo	e all material difficulties encountered, your resolutions of these difficulties, the our resolutions, and indicate the impact of adopting your resolutions. nmary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text		
		Insert text	
		Insert text	
	(Add additional rows a	s necessary)	
163	(Add additional rows a		
163	(Add additional rows a Are there material diffe	s necessary)	
163	(Add additional rows a Are there material diffe	s necessary) erences in the Asset Concentration risk charge between GAAP Plus and MAV?	
163	(Add additional rows as Are there material diffe Provide your respons YES	s necessary) rences in the Asset Concentration risk charge between GAAP Plus and MAV? the by placing an 'x' in the relevant cell:	
163	(Add additional rows as Are there material diffe Provide your respons YES If YES, please describe differences driven by v else? Also include cor	s necessary)  rences in the Asset Concentration risk charge between GAAP Plus and MAV?  re by placing an 'x' in the relevant cell:  NO Not Applicable  e the primary drivers of the differences, if possible. For example, are aluation, differences in the approach to the stress calculation or something	



	Insert text	Insert text	
	Add additional rows as r	necessary)	
164	Do you have further com	ments regarding this section?	
	you provide which you co	ncludes comments on data, additional relevant data, and/or calculations that onsider relevant to the Field Testing analysis (that is, have the potential to n any conclusions reached based on the data and/or its analysis).	t
	Provide your response	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please specify th Testing analysis.	e item or issue and discuss it and the rationale for its relevance to the Field	
	Please describe in summ potential impact.	nary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	
	Add additional rows as r	necessary)	
	1		



## 7 Credit risk

FT Template Sheets referred to in this section:	ICS.Credit Risk
Key FT Technical Specification sections relevant to this section	14.5 Credit Risk

165	Were any material assumption	otions or simplifications used when providing data on Credit risk?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe all material assumptions or simplifications made for Credit risk, provide the rationale supporting the assumptions or simplifications, and indicate the impact of adopting the assumptions or simplifications. Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
166	Have you relied on a rating agency that is not listed in the specifications, but that qualifies as an ECAI under the Basel II Framework in your jurisdiction?		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES NO Not Applicable		
	If YES, please provide the name of the rating agency or agencies.		
	Rating agency	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
167	Have you relied on a rating agency that is not listed in the Technical Specifications and does not qualify as an ECAI in your jurisdiction?		
	Provide your response by placing an 'x' in the relevant cell:		



	YES	NO Not Applicable			
	If YES, for each ag	If YES, for each agency please provide:			
	- the name of the rating agency;				
	<ul> <li>the name of the national authority that regulates or has recognised the rating agency, alc with a summary of how the authority regulates, or the criteria that the authority uses for recognising rating agencies;</li> </ul>				
	- The rating	agency's definition of default, including a li	nk to where the definition is posted; and		
	years of de	agency's average three-year cumulative de fault data on which this average is based, average is based, and a link to where all of	the number of credits for each rating on		
	- The ICS ra	ting categories to which you have mapped	the agency's ratings		
	Rating agency	Name of regulatory authority and summary of regulation	Rating agency definition of default		
	Insert text	Insert text			
	(Add additional rov	vs as necessary)			
For each rating agency listed in the table above please complete the table below Rating agency name		lete the table below			
	3-year cumulative default rates by rating including years of default data	Number of credits for each rating on which the average is based	ICS rating category mapping		
	Insert text	Insert text			
	Add tables for eac				
168	Do you agree with the factors applied to the buckets and whether their levels are appropriate?		ther their levels are appropriate?		
	Provide your response by placing an 'x' in the relevant cell:				
	YES	NO Not Applicable			



	If NO please identify the	factors/buckets you do not agree with and provide feedback on the
	calibration of those factors	
	Factors/buckets	Feedback
	Insert text	Insert text
	(Add additional rows as n	ecessary)
169	Did you have any significa using the GAAP Plus app	ant issues you had in applying the technical specifications for Credit risk roach?
	Provide your response b	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe th Credit risk using the GAA	nose significant issues you had in applying the technical specifications for P Plus approach
	Item name	Description and rationale
	Insert text	Insert text
	Add additional rows as n	ecessary)
170	` Is the methodology for de	termining the Credit risk charge as specified in the Technical Specifications
	appropriate?	
	Provide your response b	by placing an 'x' in the relevant cell:
	T YES	NO Not Applicable
	If NO, how do you sugges	st it could be improved?
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as n	
171	Are there material differer	nces in the Credit risk charge between GAAP Plus and MAV?
	Provide your response t	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable



If YES, please describe the primary drivers of the differences, if possible. For example, are differences driven by valuation, differences in the approach to the stress calculation or something else? Also include commentary on which result you believe is more reflective of the risk and why.

Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.

	Item name	Description and rationale	
	Insert text	Insert text	
	Add additional rows as r	necessary)	
172		ments regarding this section?	
172	-		
	you provide which you co	ncludes comment on data, additional relevant data, and/or calculation that onsider relevant to the Field Testing analysis (that is, have the potential to n any conclusions reached based on the data and/or its analysis).	
	Provide your response	by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Field Testing analysis.		
	Please describe in summ potential impact.	nary, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as r	hecessary)	



### 7.1 Data collection on use of NAIC Designations

FT Template Sheets referred to in this section:	ICS.Credit Risk (NAIC)
Key FT Technical Specification sections relevant to this section	14.5.14Data collection on use of NAIC Designations

173	What would a US company have to do to offer a private placement in your home jurisdiction (non-U.S. jurisdiction)?	
	Itom nome	Description and rationals
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows a	as necessary)
174		acement issuer have an incentive to incur the financial costs of compliance quent regulatory and reporting obligations (if any) given the depth of US private
	Item name	Description and rationale
	Insert text	Insert text
	Add additional rows a	
475	· ·	
175	175 What evidence exists that US private placement issuers have issued in your home jurisdic U.S. jurisdictions)?	
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows a	
176	Does your group have investments in U.S. private placements that have NAIC designations but which you are unable to use for financial reporting purposes?	
	Provide your response by placing an 'x' in the relevant cell:	



	YES	NO Not Applicable
		of investments that you have made in U.S. private placements that have nich you are unable to use for financial reporting purposes?
	Please describe in summ	ary, but with sufficient detail to allow an assessment of materiality and
	direction of impact.	
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as n	ecessary)
177		omiciled insurer have to do to purchase a private investment from the US urer based in your home jurisdiction (non-U.S. jurisdiction)?
	Specifically, are there law	s that require the insurer to determine the credit worth or quality or a
		curity as a condition for eligibility to have the investment count as the
	equivalent of an admitted	asset?
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as n	ecessary)
178		re a non-US investor can be presented with the opportunity to purchase an suer as a private placement?
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as n	ecessary)
179		ess to NAIC Designations solely to US domiciled entities materially strategy of the IAIG in the past?
	Item name	Description and rationale



	Insert text	Insert text
	(Add additional rows as n	ecessary)
180		ategy of the IAIG change in any regard if NAIC Designations would be in the ICS (in a similar manner as other CRA ratings)?
	Provide your response b	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe h	ow the investment strategy would change.
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as n	
181	If accessible, would NAIC your jurisdictional capital	Designations be acceptable in the calculation of capital requirements in standard?
	Provide your response b	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable
	If YES, please describe h standard.	ow the NAIC Designations would be used in your jurisdictional capital
	-	by the NAIC Designations would not be acceptable in the calculation of our jurisdictional capital standard.
	Item name	Description and rationale
	Insert text	Insert text
	(Add additional rows as n	•
182	Does any mechanism sim calculating solvency capit	ilar to NAIC Designations exist in your jurisdiction for the purpose of al requirements?
	Provide your response b	by placing an 'x' in the relevant cell:
	YES	NO Not Applicable



	Item name	Description and rationale		
	Insert text	Insert text		
	(Add additional rows			
3	Do you have further of	comments regarding this section?		
	Where appropriate, this includes comment on data, additional relevant data, and/or calculation that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).			
	Provide your respor	nse by placing an 'x' in the relevant cell:		
	YES	NO Not Applicable		
	If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Field Testing analysis.			
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and potential impact.			
	potential impact.			
	Item name	Description and rationale		
		Description and rationale Insert text		



## 8 Operational risk

FT Template Sheets referred to in this section:	ICS.Operational risk
Key FT Technical Specification sections relevant to this section	14.6 Operational Risk

184	Were any material assumption	otions or simplifi	cat	ions used when providing data on Operational risk?
	Provide your response b	y placing an 'x' i	in tł	ne relevant cell:
	YES	NO		Not Applicable
	the rationale supporting th assumptions or simplificat	e assumptions o ions.	or s	ons or simplifications made for Operational risk, provide implifications, and indicate the impact of adopting the ent detail to allow an assessment of materiality and
	direction of impact.			
	Item name	Description an	id ra	ationale
	Insert text	Insert text		
	(Add additional rows as ne	ecessary)		
185	Do you have feedback on	the factors prop	ose	ed in the template?
	Provide your response b	y placing an 'x' i	in tł	ne relevant cell:
	YES	NO		Not Applicable
	If YES, please provide that feedback.			
	Item name	Description an	id ra	ationale
	Insert text	Insert text		
	(Add additional rows as ne	• /		
186	Should the additional grow by geography?	/th charge be ap	opli	ed at the total direct and total assumed level rather than
	Provide your response b	y placing an 'x' i	in tł	ne relevant cell:
	YES	NO		Not Applicable



	If YES, comment on the a	ppropriateness of doing this.	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne		
187	Does the proposed metho Insurance risk and Operat	dology adequately address any possible double counting between ional risk?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If NO, please describe oth as the rationale supporting	er methods the IAIS should explore to remove the double counting, as well those methods.	
	Method	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne		
188	Do you currently capture c	lata on Operational risk?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please comment o	<b>C</b>	
	The type of data currently captured and why		
	How the collected		
		or amend the data collected and the manner to do so.	
	Item name	Description	
	Data currently captured	Insert text	
	How the collected data is used		
	Plans to alter or amend the data collected		



	(Add additional rows as	necessary)			
189	Do you currently capture	e data on external Operational risk events?			
	Provide your response	e by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If YES, please commen	t on the type of data you collect or have access to and describe how the data			
	is used.				
	Type of data	Description of how data is used			
	Insert text	Insert text			
	Add additional rows as	necessary)			
190	Do you currently calcula	ate economic capital for Operational risk?			
		Provide your response by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If VES, places describe	the methodology and date used for colouisting the economic conital			
		the methodology and data used for calculating the economic capital.			
	Item name	Description			
	Insert text	Insert text			
	(Add additional rows as	necessary)			
191	Do you employ risk mitig	gation techniques for Operational risk?			
	Provide your response	e by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If YES, please describe the internal measures (for example, internal controls), external measures (for				
	example, cyber insurance, E and O insurance) or other measures used to mitigate Operational risk.				
	Risk mitigation	Description of the risk mitigation technique			
	technique				
	Insert text	Insert text			
1	1 1				



	-		
	(Add additional rows as	necessary)	
192	Do you currently undert charge?	ake a scenario based approach when determining the Operational risk	
	Provide your response	e by placing an 'x' in the relevant cell:	
	YES       NO       Not Applicable         If YES, please describe the methodology and the rationale supporting the methodology.		
	Methodology	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as	necessary)	
193	Does your group-wide s Operational risk?	supervisor or any host supervisor currently require you to hold capital for	
	Provide your response	e by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe the methodology used to determine the Operational risk charge. Is the methodology based on the supervisor's standard method or another methodology?		
	Item name	Description	
	Insert text	Insert text	
	(Add additional rows as	necessary)	
194	One suggested alternative to the proposal in 2016 Field Testing for the calculation of the Operational		
	risk charge is an assessment by the group-wide supervisor.		
	Should the IAIS explore	e this option?	
	Provide your response	e by placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe	criteria that should be applied and how this process would work.	
	Criteria	Description	
	Insert text	Insert text	
1			



		1	
	(Add additional rows as ne	ecessary)	
195		culation of Operational risk charges have been previously discussed (that a percentage of the other risk charges of the ICS, and the assessment by	
	Are there any other metho	ds of calculating the Operational risk charge that the IAIS should explore?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe the indicate the impact of adoption of the impact of adoption of the impact	e proposed method, provide the rationale supporting this method, and oting this method.	
	Please describe in summa direction of impact.	ry, but with sufficient detail to allow an assessment of materiality and	
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
196	Are there material differen	ces in the Operational risk charge between GAAP Plus and MAV?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe the primary drivers of the differences, if possible. For example, are differences driven by valuation, differences in the approach to the stress calculation or something else? Also include commentary on which result you believe is more reflective of the risk and why.		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Item name	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	ecessary)	
197	Do you have further comments regarding this section?		
107			



Provide your re	sponse by placing an 'x' in the relevant cell:
YES	NO Not Applicable
If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Testing analysis.	
Testing analysis.	-
Testing analysis.	n summary, but with sufficient detail to allow an assessment of materiality and
Testing analysis. Please describe	-
Testing analysis. Please describe potential impact.	n summary, but with sufficient detail to allow an assessment of materiality and
Testing analysis. Please describe potential impact. Item name	n summary, but with sufficient detail to allow an assessment of materiality and Description and rationale



## 9 Aggregation / Diversification

FT Template Sheets referred to in this section:	ICS
Key FT Technical Specification sections relevant to this section	14.7 Aggregation / Diversification

198	Is the design of the aggregation of risks (that is, correlation matrices) for 2016 Field Testing appropriate?		
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If NO, please describe any amendments to the design necessary to make it more suitable for the ICS standard method.		
	Amendment	Description and rationale	
	Insert text	Insert text	
	(Add additional rows as ne	2000000000	
	·		
199	Do you have any suggesti calculate the ICS standard	ons on how to improve the calibration of the correlation matrices to I method?	
	Provide your response b	y placing an 'x' in the relevant cell:	
	YES	NO Not Applicable	
	If YES, please describe specific suggestions, provide the rationale supporting your suggestions, and indicate the impact of adopting your suggestions.		
	Please address the follow	ing:	
	<ul> <li>methodological suggestions on how to combine data and judgement in the calibration; and</li> <li>reference to available data that is relevant for the calibration of the correlation parameters of the ICS standard method</li> </ul>		
	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.		
	Suggestion	Description and rationale	
	Insert text	Insert text	



	(Add additional rows as	necessary)		
200	Do you have further con	nments regarding this section?		
	you provide which you c	includes comments on data, additional relevant data, and/or calculations that consider relevant to the Field Testing analysis (that is, have the potential to on any conclusions reached based on the data and/or its analysis).		
	Provide your response by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable		
	Testing analysis.	ne item or issue and discuss it and the rationale for its relevance to the Field mary, but with sufficient detail to allow an assessment of materiality and		
	Item name	Description and rationale		
	Insert text	Insert text		
	Add additional rows as	necessary)		



## 10 Baseline Jurisdictional Legal-Entity Capital Requirements

FT Template Sheets referred to in this section:	FT.16.Baseline.Jurisdictional
Key FT Technical Specification sections relevant to this	15 Baseline Jurisdictional
section	Legal-Entity Capital
	Requirements

201	Were any material assumptions or simplifications applied (for any entity) in filling in FT.16.Baseline.Jurisdictional?				
	Provide your response by placing an 'x' in the relevant cell:				
	YES	NO	Not Applicable		
If YES, please describe, for each relevant entity, each material simplification or adjustment m including an assessment of their materiality, and the rationale for making the assumption or simplification.					
	Please describe in s direction of impact.	summary, but with suf	ficient detail to allow an assessment of materiality and		
	Entity	Item name	Description and rationale		
	Insert text	Insert text	Insert text		
	(Add additional rows	s as necessary)			
202		Il subsidiaries (across Baseline.Jurisdictiona	all jurisdictions) accumulated in the consolidation into the I?		
	Provide your respo	onse by placing an 'x'	in the relevant cell:		
	YES NO Not Applicable				
	If YES, please speci	f YES, please specify how many subsidiaries are counted in that accumulation.			
	Insert count of sub				
203	Do you have further	comments regarding	this section?		
	Where appropriate, this includes comment on data, additional relevant data, and/or calculation that				
	• • •		to the Field Testing analysis (that is, have the potential to is reached based on the data and/or its analysis).		



	onse by placing an 'x' in the relevant cell:
YES	NO Not Applicable
If YES, please spec Testing analysis.	ify the item or issue and discuss it and the rationale for its relevance to the Fie
Please describe in potential impact.	summary, but with sufficient detail to allow an assessment of materiality and
	summary, but with sufficient detail to allow an assessment of materiality and Description and rationale
potential impact.	
potential impact. Item name	Description and rationale
potential impact. Item name	Description and rationale



## 11 Baseline Supplementary Internal Model Data

FT Template Sheets referred to in this section:	FT.16.Baseline.Internal Models
Key FT Technical Specification sections relevant to this section	16 Baseline Supplementary Internal Model Data

204	•	•	tries in FT.16.Baseline.Internal Models taken from a full or oup-wide regulatory capital purposes in your IAIG?				
	Provide your respo	onse by placing an	'x' in the relevant cell:				
	YES	NO	Not Applicable				
	If YES, please describe which data entries, their amount, and whether they were taken from a full or partial internal model approved for group-wide regulatory capital purposes?						
	Please describe in s	ummary, but with	sufficient detail to allow and assessment of materiality.				
	Data entry (cell reference)	Component Amount	Description and rationale				
	Insert text	Insert text	Insert text				
	(Add additional rows	as necessary)					
205	Were any components of your data entries in FT.16.Baseline.Internal Models taken from a full or partial internal model <b>not approved</b> for group-wide regulatory capital purposes in your IAIG?						
	Provide your response by placing an 'x' in the relevant cell:						
	YES NO Not Applicable						
	If YES, please indicate for what purpose the group-wide internal model(s) is/are used within the IAIG.						
	Please describe in summary, but with sufficient detail to allow and assessment of materiality.						
	Risk capital is com		tial Use of outcome(s) within IAIG				
	for	model					
	Insert text	Insert text	Insert text				
	(Add additional rows as necessary)						



206	or partial internation		eported in FT.16.Baseline.Internal Models taken from a full proved for group-wide regulatory capital purposes in your			
	Provide your response by placing an 'x' in the relevant cell:					
	YES	NO	Not Applicable			
	If YES, please outline the valuation bases for assets taken from a full or partial internal model (whether approved for group-wide regulatory capital purposes in your IAIG or not). Please describe in summary, but with sufficient detail to allow and assessment of materiality.					
	Entity	Financial Instrument	Valuation basis			
	Insert text	Insert text	Insert text			
	(Add additional	rows as necessary)				
207	internal model (	•	FT.16.Baseline.Internal Models taken from a full or partial p-wide regulatory capital purposes in your IAIG or not) for			
	Provide your r	response by placing an 'x' ir	the relevant cell:			
	YES NO Not Applicable					
	If YES, please outline the valuation bases for liabilities, focusing on insurance liabilities reported, taken from a full or partial internal model (whether approved for group-wide regulatory capital purposes in your IAIG or not). In particular, please outline the method for determining your internal model discounting curves and how these relate to the three options and three reference methods tested in Phase 1 of the Field Testing, in terms of both terms of method of construction and size of impact when applied.					
	It is acknowledged that there may be other sources of variations of outcome then discount rates alone (for example, possibly contract boundaries).					
	Please describe direction of imp	•	cient detail to allow an assessment of materiality and			
	Entity	Liability	Valuation basis			
	Insert text	Insert text	Insert text			
	(Add additional rows as necessary)					



208	taken from your IAIG full or partial internal model(s) (whether or not approved for group-wide regulatory capital purposes in your IAIG) differ materially from the equivalent ICS capital charges determined by the ICS Standard Method?			
	Provide your response by placing an 'x' in the relevant cell:			
	YES	O Not Applicable		
	If YES, please for each risk (as specified in the IAIS definitions) compare the data entries in FT.16.Baseline.Internal Models for internal model required capital you have taken from your IAIG full or partial internal model(s) (whether or not approved for group-wide regulatory capital purposes in your IAIG) with the equivalent ICS capital charges that come from the ICS Standard Method. Please outline the key drivers of any material differences for each risk. Please also outline any material differences in your definition of each risk compared to that used by the IAIS.			
	Please describe in summary direction of impact.	$\gamma$ , but with sufficient detail to allow an assessment of materiality and		
	Risk	Key drivers of differences between IAIG reported capital amounts for regulatory purposes and ICS Standard Method capital amounts. Please also include outline of any material differences in the definitions of risks.		
	Life Risk			
	Mortality			
	Longevity			
	Morbidity/Disability			
	Lapse			
	Expense			
	Health risk			
	Market Risk			
	Interest Rate risk			
	Equity risk			
	Real Estate risk			
	Currency Risk			
	Credit Risk			
	Asset Concentration Risk			
	Operational Risk			
	Life - risk			



	Life - non-risk					
	Non-life					
209	purposes for your IAIG), target a different risk measure than 99.5% VAR and/or use a time horize that is not a 1-year time horizon, and you have proxied results for entering data on FT.16.Baseline.Internal Models?					
	Provide your response	Provide your response by placing an 'x' in the relevant cell:				
	YES	NO Not Applicable				
	If YES, please outline the	e basis on which the proxied data items have been determined.				
		nary, but with sufficient detail to allow an assessment of materiality and ch date item and it main components.				
		escription of proxy and to obtain reported item at 99.5% VAR with a 1 ar time horizon.				
	Insert text Ins	sert text				
	(Add additional rows as r	20202027/)				
010						
210	Do you have further comments regarding this section? Where appropriate, this includes comment on data, additional relevant data, and/or calculation that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).					
	Provide your response	by placing an 'x' in the relevant cell:				
	YES	NO Not Applicable				
	If YES, please specify the item or issue and discuss it and the rationale for its relevance to the Field Testing analysis.					
	Please describe in summ potential impact.	nary, but with sufficient detail to allow an assessment of materiality and				
	Item name	Description and rationale				
	Insert text	Insert text				
		202022284)				
	(Auu auulional rows as I	(Add additional rows as necessary)				



# 12 Supplementary data collection (net insurance liabilities and national government exposures)

FT Template Sheets referred to in this section:	FT16.Sovereign
Key FT Technical Specification sections relevant to this section	18 Supplementary data collection (net insurance liabilities and national government exposures)

211	Did you have any signific	ant issues in applying the Technical Specifications for this section?			
	Provide your response	by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
	If YES, please describe any significant issues you had in applying the Technical Specifications for this section.				
	Please describe in summ direction of impact.	Please describe in summary, but with sufficient detail to allow an assessment of materiality and direction of impact.			
	Item name	Description and rationale			
	Insert text	Insert text			
	(Add additional rows as r	ecessary)			
212	Do you have further comments regarding this section?				
	Where appropriate, this includes comment on data, additional relevant data, and/or calculation that you provide which you consider relevant to the Field Testing analysis (that is, have the potential to have a material impact on any conclusions reached based on the data and/or its analysis).				
	Provide your response	by placing an 'x' in the relevant cell:			
	YES	NO Not Applicable			
If YES, please specify the item or issue and discuss it and the rationale for its relevance to Testing analysis.					
	Please describe in summ potential impact.	ary, but with sufficient detail to allow an assessment of materiality and			
	Item name	Description and rationale			
	Insert text	Insert text			



(Add additional rows as r	necessary)	



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