## IASB Insurance Contracts June 2013 Exposure Draft Review

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Actuaries
Riskis Opportunityg:

## Agenda

- Overview of the BBA and PAA models
- Summary of discount rates within the BBA model
- Questions in the ED - what the IASB wants to know
- Presentation
- Disclosures


## Overview of the models

## Measurement Model Background

## Measurement model principles

- Measurement model based on the following principle:
- Insurance contracts create a bundle of cash flows that work together to create a package of cash inflows and outflows
- Measurement model proposed for all types of insurance (and reinsurance) contracts
- Model is a current assessment of insurer's rights and obligations under contract
- Model has three building blocks
- A modified approach for short-duration contracts


## Difference between IASB and FASB Guidance

- IASB: The Premium Allocation Approach is permitted as a simplification to the Building Blocks Approach. The 2013 IASB ED is revised to permit entities to apply the approach if it would produce measurements that are a reasonable approximation to those that would be produced when applying the requirements of the main approach, or the coverage period is within one year or less;
- FASB: The premium allocation approach is a separate model and should be applied for all contracts meeting specified criteria, same as the 2012 FASB ED.


## Measurement model in IFRS 4 Phase II Overview of Building Block Approach "BBA"

- One model for all insurance contracts.
- Explicit margins as part of liability. Day 1 loss in income statement, no day 1 gain.
- Combination of rights and obligations (considers cash inflows and outflows).
- Optional simplified model for pre-claim liabilities based on the unearned premium. Applies to short duration contracts (period of cover <= 1 year) or where a reasonable approximation.

| Atractual service margin | Unearned profits recognised over <br> life of contract |
| :---: | :--- |
| Risk adjustment | Reflect compensation for <br> uncertainty. Quantifies the value <br> difference between certain and <br> uncertain liability. |
| Discounting | Discounting future cash flows using <br> "top-down" or "bottom-up" approach <br> to reflect characteristics of the <br> liabilities |
| Best estimate of | Best estimate cash flows - <br> explicit, unbiased and probability <br> weighted estimate of fulfilment <br> cash flows |
| fulfilment cash flows |  |

## Building Block Approach: Day One Liability (IASB)



## Building block 1: Cash flows estimate

A current, unbiased and probability weighted estimate of the contractual cash flows

- Current - re-assessed at each reporting period
- Incorporate, in an unbiased way, all available information about the amount and timing of all cash flows
- Probability weighted cash flows - Stochastic modeling may be required
- If observable market data exists, incorporate in the model to the extent possible
- Non-market variables utilize entity-specific cash flows


## Building block 2: Discount rate

## Adjusts first building block for time value of money

- Discount rate based on characteristics of the insurance liability:
- Currency
- Duration
- Liquidity
- Use an asset based discount rate ONLY if the amount, timing or uncertainty of the cash flows depend on performance of assets, e.g. participating contracts
- Discount rate is a market consistent interest rate based on a "risk free rate" plus an illiquidity premium based on the characteristics of liability cash flows ("bottom-up" approach).
- Top-down approach: starting from expected asset returns for a reference portfolio, the entity then removes factors that are not relevant to the insurance contracts (such as market risk premiums for assets included in the reference portfolio) and adjusts for differences between timing of cash flows between the assets and the cash flows of the insurance contracts.
- No further guidance on how to calculate the illiquidity premium
- Disclosures on discount rate, impact of illiquidity and sensitivities
- Discounting for cash flows is not required for contracts with duration of 1 year or less (duration is determined at issue)


## Building block 3: Margins - Risk adjustment

## An adjustment to reflect uncertainty in the estimate of fulfillment cash flows

- Explicitly reported as a component of the insurance contract liability, defined as:
"The compensation that an entity requires for bearing the uncertainty about the amount and timing of the cash flows that arise as the entity fulfills the insurance contract."
- Re-measured at each reporting period; Estimated at portfolio level
- Reflects the degree of diversification benefit that the entity considers when determining the compensation it requires for bearing that uncertainty
-Reflects both favorable and unfavorable outcomes in a way that reflects the entity's degree of risk aversion
-No specific technique required under the IASB guidance. Required confidence level disclosure.


## Building block 3: Margins Contractual Service Margin

A margin to eliminate any gain at inception of the contract

- A contractual service margin (known previously as the 'residual margin') arises when:

PV of future cash inflows > PV of future cash outflows + risk adjustment

- Estimated at level of portfolio of insurance contracts, with same inception date and similar coverage duration
- Calculated at initial recognition and amortized in subsequent valuations. In subsequent measurement, changes in the estimates of future cash flows should be reflected in the contractual service margin adjustment
- The pattern for recognizing the contractual service margin over the coverage period shall be on a systematic basis that reflects the remaining transfer of services that are provided under the contract
- Cannot be negative, as a loss must be recognized immediately through income
- Interest accretion required using discount rate locked-in at inception


## Building block 3: Margins - Composite Margins

A margin to eliminate any gain at inception of the contract

- A composite margin arises when:
- PV of future cash inflows > PV of future cash outflows
- Estimated at portfolio level of insurance contracts, with same inception date and similar coverage duration
- Interest accretion required
- No prescribed approach for recognizing the composite margin. Initial margin should be recognized as revenue in net income over the coverage and settlement periods as the entity satisfies its performance obligation


## Premium Allocation Approach (PAA)

## Application

- An entity may simplify the measurement of the liability for the remaining coverage using the premium-allocation approach if
- Doing so would produce a measurement that is a reasonable approximation to that which would be produced when applying the building block approach;
- The coverage period at initial recognition is approximately one year or less.


## Onerous contract test

- When an entity uses the simplified approach, it shall recognize an onerous contract liability (the difference between the liability and the fulfillment cash flow), if, at initial recognition or subsequently, the portfolio of the contracts containing the contract is onerous.


## PPA subsequent measurement

## Measurement

- The pre-claims liability at initial recognition is the premium received at initial recognition, less the directly attributable acquisition costs and plus any onerous liability.
- Premium is recognized over the coverage period in like with timing of incurred claims, usually in a straight line.
- Consistent with the BBA, a current market discount rate would be used in discounting the pre-claims liability (but not necessary of claims are paid in one year).
- Lock in SOCI to contract inception rate
- Unlock SOFP rate in subsequent measurements


## IASB Measurement Model



## Summary of discount rates within the BBA model

## Discount rate components

- Basic BBA rate
- Curve, not a flat rate
- Market data for durations where this is a market
- Long term averages where there is no market
- Liquidity does not mean policyholder optionality to the IASB
- Asset dependent cash flows
- Use a rate that reflects the dependency, possibly a single rate
- Mirrored assets (IASB)
- No rate, just mirror the balance for the mirrored portion
- BBA discount rate for the fixed cash flows
- May also have asset dependent cash flows
- Subsequent measurement
- Lock in BBA rate where it is used for the SOCI but change it for the SOFP
- Discount rates in SOCl are updated for changes in asset dependent cash flows so that there is no net impact for FASB
- Mirrored products subsequent measurement
- Change the asset dependent rate gets updated in both the SOCI and SOFP
- BBA rates are treated the same as the regular model


## Different treatments

| Cash flows | Day 1 | Day 2 updates |
| :--- | :--- | :--- |
| Fixed | Market for risk free rate or <br> credit rate | Every valuation period for <br> SOFP / lock-in SOCI |
|  | Liquidity/unexpected <br> defaults and long term rates | Update for the SOFP but <br> may not change that much |
| Asset dependent | Same as the asset | Every valuation period for <br> SOFP / lock-in SOCI |
| Mirrored | Mirror: Balance sheet for <br> asset | Just like the assets are <br> updated |
|  | Indirect: Use asset rate | Run through both SOPF and <br> SOCI |
| Fixed: same as above | Same as above |  |

## Discount rate example

- Four year unit linked product with certain fixed guarantees. Assume we use risk neutral rates for the indirectly related cash flows
- Initial valuation rates:

| Cash flow | 1 | 2 | 3 | 4 |
| :--- | :--- | :--- | :--- | :--- |
| Account value | Just hold the asset value |  |  |  |
| Fees | $1 \%$ | $1.5 \%$ | $1.8 \%$ | $2 \%$ |
| Fixed | $1.2 \%$ | $1.8 \%$ | $2.1 \%$ | $2.3 \%$ |

- At end of year 1, all rates increase by $1 \%$ :

|  | Cash flow | 1 | 2 | 3 | 4 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| SOCI/SOFP | Account value |  | Just hold the asset value |  |  |
| SOCI/SOFP | Fees | NA | $2.5 \%$ | $2.8 \%$ | $3 \%$ |
| SOCl | Fixed | NA | $1.8 \%$ | $2.1 \%$ | $2.3 \%$ |
| SOFP | Fixed | NA | $2.8 \%$ | $3.1 \%$ | $3.3 \%$ |

## Questions posed by the JASB

## What is next?

-Comments by 25 October 2013
-IASB will re-deliberate in 2014
-Invitation to comment will focus on smaller number of questions


## Presentation

## Measurement model in IFRS 4 Phase II Linkage to presentation



## Income statement presentation Insurance contract revenue

- No longer summarised margin approach (as in 2010 Exposure Draft)
- "Earned premium" approach to insurance revenue with non-distinct investment components excluded
- The change does not affect the final operating result


## Summarised margin presentation



Proposed presentation: Gross performance

## Presentation - Earned Premium

-IASB developed 'earned premium' method for determining and presenting premiums
-Aims to be a measure similar to 'revenue’ presented by other industries
-Model tries to allocate premiums to reporting periods based on expected pattern of claims / benefits
-Calculation closely linked to pattern of release of CSM margin


- Universal lobbying against this proposal on a "cost versus benefit" grounds


## Presentation - Earned Premium Example

- The table below contains the IASB's example illustration of the earned premium Expected cash flows and margin release pattern
(disclosures)
Change in risk adjustment
Change in residual margin

| Period 1 | Period 2 | Period 3 | Total |
| ---: | ---: | ---: | ---: |
| 32.0 | 30.0 | 28.0 | 90.0 |
| 23.0 | 19.0 | 18.0 | 60.0 |
| $\mathbf{5 5 . 0}$ | 49.0 | $\mathbf{4 6 . 0}$ | $\mathbf{1 5 0 . 0}$ |

## Detailed income statement considerations



- IASB produced indicative income statement format.
- Premium revenue under Phase II will reflect "Premiums earned"
- Need to consider availability of data in right level of detail to populate
- Currently collect incurred claims and expenses and investment income data
- Under Phase II data challenges likely for premium revenue, interest on insurance liabilities and the effect of discounting
- Likely to be actuarially driven; however it is unclear what level of granularity of data will be required in these areas, especially for premium revenue


## Presentation example

## Illustrative example

- 10 year level premium endowment
- Death benefit = the endowment amount
- Stated account values for each year
- Assume flat BBA discount rate $=2 \%$ and actual earned rate $=5 \%$
- \$1,000 deferred acquisition cost

| Year | Premium | Face | SurBen | ExpPrem | ExpDB | ExpSB | ExpExp |
| ---: | ---: | :--- | ---: | ---: | ---: | ---: | ---: |
| 1 | 1,250 | 10,000 | - | 1,250 | 100 | - | 1,050 |
| 2 | 1,250 | 10,000 | 500 | 1,151 | 138 | 27 | 45 |
| 3 | 1,250 | 10,000 | 1,000 | 1,066 | 170 | 42 | 42 |
| 4 | 1,250 | 10,000 | 1,500 | 992 | 198 | 46 | 39 |
| 5 | 1,250 | 10,000 | 2,000 | 929 | 223 | 43 | 36 |
| 6 | 1,250 | 10,000 | 2,500 | 874 | 245 | 51 | 34 |
| 7 | 1,250 | 10,000 | 3,500 | 818 | 262 | 66 | 31 |
| 8 | 1,250 | 10,000 | 5,000 | 762 | 274 | 87 | 29 |
| 9 | 1,250 | 10,000 | 7,000 | 705 | 282 | 113 | 27 |
| 10 | 1,250 | 10,000 | 10,000 | 650 | 286 | 4,915 | 25 |

## Traditional P\&L and B/S

| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Premium | 1250 | 1,151 | 1,066 | 992 | 929 | 874 | 818 | 762 | 705 | 650 |
| Investment income | 10 | 61 | 107 | 149 | 189 | 227 | 263 | 296 | 327 | 355 |
| Total Revenue | 1,260 | 1,212 | 1,172 | 1,141 | 1,118 | 1,101 | 1,081 | 1,058 | 1,033 | 1,005 |
| Benefits | 100 | 165 | 212 | 245 | 266 | 295 | 328 | 361 | 395 | 5,201 |
| Change in benefit reserve | 752 | 657 | 585 | 532 | 494 | 452 | 405 | 353 | 299 | $(4,530)$ |
| Change in DAC | (879) | 114 | 108 | 103 | 99 | 97 | 94 | 91 | 88 | 85 |
| Expenses | 1,050 | 45 | 42 | 39 | 36 | 34 | 31 | 29 | 27 | 25 |
| Total Expenses | 1,023 | 982 | 947 | 919 | 896 | 878 | 858 | 834 | 809 | 780 |
| Net income | 237 | 230 | 225 | 223 | 222 | 222 | 223 | 223 | 224 | 225 |
| Invested assets | 110 | 1,111 | 2,029 | 2,887 | 3,702 | 4,474 | 5,196 | 5,864 | 6,475 | 2,254 |
| DAC | 879 | 765 | 657 | 554 | 455 | 358 | 264 | 173 | 85 | (0) |
| Total assets | 989 | 1,876 | 2,687 | 3,441 | 4,157 | 4,832 | 5,460 | 6,036 | 6,559 | 2,254 |
| Reserves | 752 | 1,409 | 1,995 | 2,527 | 3,021 | 3,473 | 3,878 | 4,231 | 4,530 | - |
| Total liabilities | 752 | 1,409 | 1,995 | 2,527 | 3,021 | 3,473 | 3,878 | 4,231 | 4,530 | - |
| Equity | 237 | 467 | 692 | 915 | 1,137 | 1,359 | 1,582 | 1,806 | 2,030 | 2,254 |

## New presentation - B/S or SOFP

| Existing GAAP |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Invested assets | 110 | 1,111 | 2,029 | 2,887 | 3,702 | 4,474 | 5,196 | 5,864 | 6,475 | 2,254 |
| DAC | 879 | 765 | 657 | 554 | 455 | 358 | 264 | 173 | 85 | (0) |
| Total assets | 989 | 1,876 | 2,687 | 3,441 | 4,157 | 4,832 | 5,460 | 6,036 | 6,559 | 2,254 |
| Reserves | 752 | 1,409 | 1,995 | 2,527 | 3,021 | 3,473 | 3,878 | 4,231 | 4,530 | - |
| Total liabilities | 752 | 1,409 | 1,995 | 2,527 | 3,021 | 3,473 | 3,878 | 4,231 | 4,530 | - |
| Equity | 237 | 467 | 692 | 915 | 1,137 | 1,359 | 1,582 | 1,806 | 2,030 | 2,254 |
| New presentation |  |  |  |  |  |  |  |  |  |  |
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Invested assets | 110 | 1,111 | 2,029 | 2,887 | 3,702 | 4,474 | 5,196 | 5,864 | 6,475 | 2,254 |
| Insurance contract assets | 726 | - | - | - | - | - | - | - | - | - |
| Total assets | 836 | 1,111 | 2,029 | 2,887 | 3,702 | 4,474 | 5,196 | 5,864 | 6,475 | 2,254 |
| Insurance contract liabilities | - | 222 | 1,059 | 1,807 | 2,488 | 3,099 | 3,636 | 4,094 | 4,473 | - |
| RM | 264 | 222 | 181 | 143 | 105 | 70 | 39 | 15 | 0 | 0 |
| CSM | 459 | 412 | 364 | 315 | 265 | 214 | 162 | 109 | 55 | 0 |
| Total liabilities | 724 | 856 | 1,604 | 2,265 | 2,858 | 3,383 | 3,837 | 4,218 | 4,528 | 0 |
| Equity | 112 | 255 | 425 | 622 | 844 | 1,091 | 1,359 | 1,646 | 1,946 | 2,254 |

## New presentation - P\&L or SOCI

- Premium is not used directly
- Only the portion of premium used for expected benefits and expenses
- Acquisition expenses are amortized in a manner similar to the CSM but only for the purposes of the SOCI
- The 1,000 acquisition costs are spread as follows:

| Year | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAC Amortization | 91 | 93 | 95 | 97 | 99 | 101 | 103 | 105 | 107 | 109 |

## New presentation - P\&L or SOCI

| New presentation |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Change in CSM and RM (excl interest) | 106 | 104 | 101 | 99 | 96 | 94 | 89 | 81 | 71 | 56 |
| Expected Claims and Expense | 241 | 304 | 349 | 380 | 401 | 430 | 462 | 495 | 529 | 5,334 |
| Revenue | 348 | 408 | 450 | 479 | 497 | 524 | 551 | 577 | 600 | 5,391 |
| Actual Claims and Maint Expense | 241 | 304 | 349 | 380 | 401 | 430 | 462 | 495 | 529 | 5,334 |
| Expenses | 241 | 304 | 349 | 380 | 401 | 430 | 462 | 495 | 529 | 5,334 |
| Underwriting Result | 106 | 104 | 101 | 99 | 96 | 94 | 89 | 81 | 71 | 56 |
| Investment Income | 10 | 61 | 107 | 149 | 189 | 227 | 263 | 296 | 327 | 355 |
| Interest expense | 4 | 22 | 38 | 51 | 63 | 74 | 83 | 91 | 98 | 103 |
| Investment Profit | 6 | 39 | 69 | 98 | 126 | 153 | 180 | 205 | 229 | 252 |
| Net Profit | 112 | 142 | 170 | 197 | 222 | 247 | 268 | 286 | 300 | 308 |
| OCl | - | - | - | - | - | - | - | - | - | - |
| Comprehensive Profit | 112 | 142 | 170 | 197 | 222 | 247 | 268 | 286 | 300 | 308 |

## Remove deposit elements

- Need to remove all deposit or "returnable" amounts from the income statement ("SOCI")
- Year 1: surrender value $=0$
- therefore no returnable amount within the death benefit
- Year 5: surrender value $=2,000$
- therefore $20 \%$ of the death benefit needs to be removed from the SOCI
- All surrender benefits are removed as well


## Remove deposit elements

| Original |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Change in CSM and RM (excl interest) | 106 | 104 | 101 | 99 | 96 | 94 | 89 | 81 | 71 | 56 |
| Expected Claims and Expense | 241 | 304 | 349 | 380 | 401 | 430 | 462 | 495 | 529 | 5,334 |
| Revenue | 348 | 408 | 450 | 479 | 497 | 524 | 551 | 577 | 600 | 5,391 |
| Actual Claims and Maint Expense | 241 | 304 | 349 | 380 | 401 | 430 | 462 | 495 | 529 | 5,334 |
| Expenses | 241 | 304 | 349 | 380 | 401 | 430 | 462 | 495 | 529 | 5,334 |
| Underwriting Result | 106 | 104 | 101 | 99 | 96 | 94 | 89 | 81 | 71 | 56 |
| Remove deposit elements |  |  |  |  |  |  |  |  |  |  |
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Change in CSM and RM (excl interest) | 106 | 104 | 101 | 99 | 96 | 94 | 89 | 81 | 71 | 56 |
| Expected Claims and Expense | 241 | 270 | 290 | 304 | 313 | 318 | 304 | 271 | 218 | 134 |
| Revenue | 348 | 373 | 392 | 403 | 409 | 412 | 393 | 352 | 290 | 190 |
| Actual Claims and Maint Expense | 241 | 270 | 290 | 304 | 313 | 318 | 304 | 271 | 218 | 134 |
| Expenses | 241 | 270 | 290 | 304 | 313 | 318 | 304 | 271 | 218 | 134 |
| Underwriting Result | 106 | 104 | 101 | 99 | 96 | 94 | 89 | 81 | 71 | 56 |

## OCI impact

- Remove the impact of interest rate changes from the SOCI
- At the end of year 3, rates increase from $5 \%, 2 \%$ to $6 \%$, 3\%
- Liability decreases from 1,059 to 829
- This amount hits the SOFP but is removed from the SOCI
- Following assumes assets are not affected (as if they were 1 year investments)
- For analysis on interaction see the most recent financial reporter
- Interest rate change impacts on the Risk adjustment varies on the nature of the risk adjustment calculation


## OCI impact

| Before rate change |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Net Profit | 112 | 142 | 170 | 197 | 222 | 247 | 268 | 286 | 300 | 308 |
| OCl | - | - | - | - | - | - | - | - | - | - |
| Comprehensive Profit | 112 | 142 | 170 | 197 | 222 | 247 | 268 | 286 | 300 | 308 |
| Insurance contract liabilities | - | 222 | 1,059 | 1,807 | 2,488 | 3,099 | 3,636 | 4,094 | 4,473 | - |
| RM | 264 | 222 | 181 | 143 | 105 | 70 | 39 | 15 | 0 | 0 |
| CSM | 459 | 412 | 364 | 315 | 265 | 214 | 162 | 109 | 55 | 0 |
| Total liabilities | 724 | 856 | 1,604 | 2,265 | 2,858 | 3,383 | 3,837 | 4,218 | 4,528 | 0 |
| After rate change |  |  |  |  |  |  |  |  |  |  |
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Net Profit | 112 | 142 | 176 | 230 | 265 | 299 | 330 | 358 | 382 | 399 |
| OCl | - | - | 229 | (13) | (21) | (27) | (34) | (40) | (45) | (50) |
| Comprehensive Profit | 112 | 142 | 405 | 217 | 244 | 272 | 296 | 318 | 337 | 350 |
| Insurance contract liabilities | - | 222 | 829 | 1,591 | 2,292 | 2,931 | 3,501 | 4,000 | 4,424 | - |
| RM | 264 | 222 | 176 | 139 | 103 | 69 | 38 | 15 | 0 | 0 |
| CSM | 459 | 412 | 364 | 315 | 265 | 214 | 162 | 109 | 55 | 0 |
| Total liabilities | 724 | 856 | 1,370 | 2,046 | 2,661 | 3,214 | 3,702 | 4,123 | 4,479 | 0 |

## Disclosures

## Disclosures

## Summary of requirements



## Disclosures

## Explanation of recognized amounts

## Reconciliation 1:

An annual reconciliation of the liabilities and reinsurance movements from one period to the next. It should split out the carrying value of contracts that are in an asset position and those in a liability position.
The liabilities (reinsurance) position would be the sum of liabilities incurred over the period, liabilities outstanding and liability movement recognized in the P\&L accounts

## Reconciliation 2:

Capturing the movement of:

- Expected present value of future cash flows
-Risk adjustments
-Contractual service margin
-Acquisition costs allocated to the period
This applies only to non-mirroring business


## Reconciliation 3:

For each of the above reconciliations you should show:

- Premiums received and incurred
- Claim paid
-Changes or purchases of blocks of business - Other data feeding into P\&L


## Disclosures <br> Significant judgment

- The discloses should at a minimum capture detail on the methods and inputs used for calculating:
- The Risk adjustment
- Discount rates
- The pattern of recognition for the CSM
- Investment components that are not separated out
- Any changes to the methods and assumptions
- The yield curve / curves used to derive the liabilities


## Disclosures

## Nature and extent of risks

- Exposures to risk and how they arise
- Policies and processes in place to manage the risks
- Risks disclosed net and gross of risk mitigation
- Sensitivity analysis to highlight impact on P\&L
- Concentrations
- Regulatory environment
- Minimum capital requirements

Insurance contracts

Market risks

- Management of liquidity risk
- Maximum claims payable on demand
- Analysis of liquidity profile
- Actual vs Expected claims development
- Credit exposures, including quality of reinsurance

