

Overview

Measuring reserve uncertainty [and adding business value]:

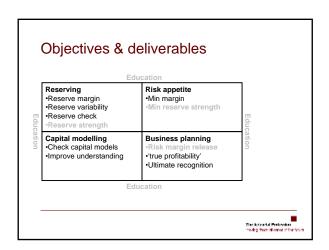
- ■Views
- ■Objectives & deliverables
- ■What we have done

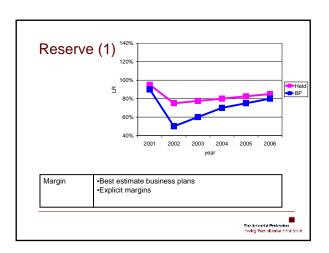
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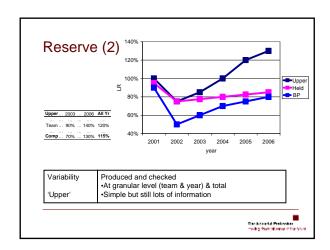
Views

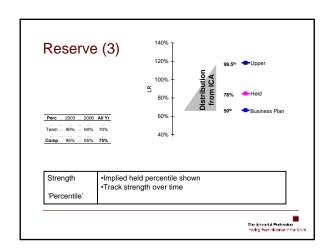
- •We are often modelling the unknowable
- ■Excessive complexity may not add value
- ■Process can add value
- ■Best practice still evolving

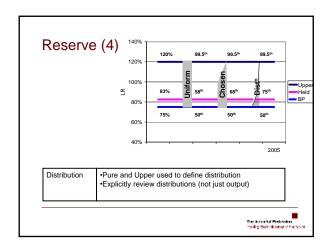
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Measuring reserve uncertainty The upper is based on the ICA: "Market cycle risk "Claims volatility (freq / sev) "Speed recognition "Each level checked to the historical data

Risk appetite = simple complex Should not be difficult – how big an impact has the Board appetite for?: Investors really don't like reserve increases Will constrain business decisions Arbitrary but necessary Simple appetites are easier

Understand profitability with multi-year (cross cycle?) planning:

- Having separate business planning and reserve estimates improves risk / reward analysis
- Using best estimates improves cycle recognition
- ■Creating framework for release / strengthening of reserving risk margin is useful

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ICA links

Understanding reserve uncertainty produces 'useful' ICA output:

- •Improves ICA understanding and buy in
- ■Improves models

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Focus model on key risk *Keep output simple and consistent *Buy-in takes lots of structured time Questions?