

Developing a Fair and Reasonable Unit Pricing Restitution Policy

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Contents

- The trustees' responsibility
- Nature of unit pricing
- Determining materiality
- Applying materiality



The trustees' responsibility

- What is fair?
- Reasonable expectations
- Materiality
- Administration contracts



4th Financial Services Forum Innovation in Financial Markets

The trustees' responsibility

- What is fair?

Blindfolded - to personal and vested interests

Swathed woman with scale emphasises process

Sword indicates power to exercise discretion



"Justice is the bond of society
... the condition under which I
and every man can identify
with society, feel at one with it,
and accept its rulings as my
own." JR Lucas

In the scales:

- All the stakeholders
 - Unitholders
 - Management
 - Shareholders
 - Regulators
 - Public
- Major criteria
 - Just deserts
 - Liberty (non domination)
 - Equality
 - Individual need
 - Efficiency
 - Status



The trustees' responsibility

- Reasonable expectations
- legislation and legislative practices;
- the governing rules of the fund, past and present;
- past practices of the trustee or manger;
- what has been indicated to investors in the past by both employers and trustees and
- practice by other funds

Disclosure



The trustees' responsibility

- Materiality
- 'De minimis' (immateriality)
 - "the law does not concern itself with trifles" (CCH Macquarie Concise Dictionary of Modern Law)
 - "1. trifling; minimal. 2. (of a fact or thing) so insignificant that a court may overlook it in deciding an issue or case." (Black's Law Dictionary)
- APRA: "The level of materiality to apply in a particular case is not therefore decided by the regulators"



The trustees' responsibility

- Administrative contracts
- There is a legal obligation to ensure that trustees pursue members' interests
- There is a short run benefit in recovering errors from administrators
- The administrators will in the long run charge fully for the additional costs and the additional risks
- A pragmatic approach is called for

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Nature of Unit Pricing

- Approximations and estimates
- Common causes of errors
 - Incorrect prices of underlying assets
 - Backdating
 - Interest and dividends have not been accrued
 - Tax related (incl. IC, DTA)
 - Computer programs and data
 - Fees and charges

Nature of Unit Pricing

- Regulatory and Industry Guidance
- ASIC and APRA Unit Pricing Guide
 - Nov 2005
- IFSA Standard No 17 Incorrect Pricing of Scheme Units
 - Correction and Compensation' Oct 2006
 - 30 bps and \$20 for all members



Nature of Unit Pricing

- Industry case studies
- Dollar levels
- Basis point levels
- PDS wording samples
 - Credit Suisse/Tremont Index Strategies Fund (PDS, 31 May 2007) – assessment 30bps, \$20
 - AMP Flexible LifeTime Super (PDS, 1 July 2007) –
 correction 30bps, \$5
 - MLC Masterkey Super (PDS, 22 June 2007) –
 correction 30bps (or 5bps cash), \$20



Nature of Unit Pricing - ADUP unit price move-

ments

FUND Benchmark Type Super Number of Zero Changes 1 Reduction of SS 96% Estimated Asset Allocation 7% UNALLOCATED & CASH 2% ASX 500 LAG 1 0% Aus Small Cap

0% ASX 200 Resources 58% ASX 300 10% ASX 200 Fins 1% ASX 300 indust. 13% Aus Growth 0% Aus Value 0% Europe 0% Japan

2% North America0% Asia x Japan

0% Emerging Markets
0% World x Aus LAG 1

0% World x Aus LAG 2

0% World Growth0% World IT x Aus

0% World Small Cap x Aus (Pindex)

0% Aus Bonds 0% Aus Bills

9% World Bonds

1% Aus Dollar

0% Aus Property

-0.45% Annual Gross Overperformance (Unadjusted)

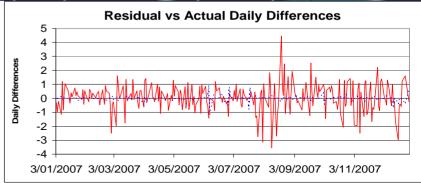
1.00% plus Annualised MER

-0.45% less Annualised interest on unallocated

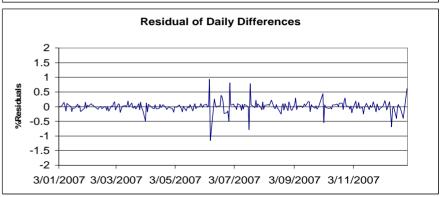
2.42% plus Annualised Tax on Fund

-0.82% less Imputation Credits

1.70% Estimated Actual Overperformance







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Determining materiality

- The process
 - Is there discretion?
 - Are the judges disinterested?
- Determining reasonable expectations
 - Industry standards
 - Past internal practice
 - General accounting standards

Determining materiality

- the criteria
- Efficiency
 - Inherent volatility in fund prices
 - Measurement errors
 - Costs of remediation
 - Costs to process information
- Just deserts
- Equality
- Need

Determining materiality

- the criteria

Efficiency

- Inherent volatility in fund prices, measurement errors
- Costs of remediation
- Costs to process information
- Recoupment of costs from members

Indicative volatility (average daily movements)

- Buy/sell decisions over periods of days
- Acceptable part of investing in the market
- Level of precision in making operating decisions

	Mean absolute change
Short term fixed interest	0.02%
Conservative	0.40%
Shares and property	0.80%



Determining materiality

- the criteria

Efficiency

- Inherent volatility in fund prices, measurement errors
- Costs of remediation
- Costs to process information
- Recoupment of costs from members

Approximations in allocation of tax

 Tax accrual estimates - the differences in the columns show how much approximations can vary

Simple Simple Approach Approach Accurate Accurate @ 5% @ 10% CGT=10% CGT=15% Shares Balanced Fund Return in year Fund [B] [C][D][A]-10% (with deferred tax -1.00% -2.00% -2.75% assets) -0.50% 0.00% 0.00% -0.50% -0.50% -10% -5% 0.00% 0.00% -0.50% -0.50% 0% 0.00% 0.00% -0.50% -0.50% 5% 0.25% 0.50% -0.50% -0.50% 10% 0.50% 1.00% 0.00% 0.25% 13% 0.65% 1.30% 0.30% 0.70% 17% 0.85% 1.70% 0.70% 1.30% 20% 1.00% 2.00% 1.00% 1.75%



Determining materiality

- the criteria

Efficiency

- Inherent volatility in fund prices, measurement errors
- Costs of remediation
- Costs to process information
- Recoupment of costs from members

- Overhead cost
 - Order of amounts remediated (up to 10 times costs remediated)
 - > \$1million for relatively simple errors
- Marginal cost of paying compensation
 - \$20 out-of-force; \$5 in-force
- Long term costs in higher administration charges



Determining materiality

- the criteria

Efficiency

- Inherent volatility in fund prices, measurement errors
- Costs of remediation
- Costs to process information
- Recoupment of costs from members

Administrative burden from reading correspondence, banking, tax returns etc.

Indicative costs might be

- \$5 opportunity cost of reading literature
- \$5-\$20 when receiving cheques, banking
- \$50 where another super fund is being credited (flow back costs)
- \$500 or more, where receiving fund has to perform its own remediation exercise (flow back costs)



Determining materiality

- the criteria

Efficiency

- Inherent volatility in fund prices, measurement errors
- Costs of remediation
- Costs to process information
- Recoupment of costs from members

- Recoupment of costs from other members or from some reserve set up for the benefit of members
- Efficiency vs precision loss of reputation, litigation
- Law might allow (in some circumstances) costs being deducted from restitution – see cases on unjust enrichment

Determining materiality

- the criteria
- Efficiency
- Just deserts
 - Deserve to get the returns earned
 - Arbitrage profits
- Equality
 - Systematic biases
 - Random errors
 - Dollar materiality
- Need

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Applying materiality

- a pragmatic approach

- Major principles not infringed
 - Manager has not benefited from fee errors
 - No arbitrage or unfair biases in prices
- Trigger point
 - Cumulative impact of error more than mean absolute deviation (up to 100bp for volatile equity funds)
 - This is consistent with our ability to detect errors

Restitution

- Restitute errors more than 50% of the trigger value
- Limits of \$10 for existing members, \$100 for exits
- Other money paid into the fund



Developing a Fair and Reasonable Unit Pricing Restitution Policy

- Conclusion and discussion
- Trustees are being fair when they disclose a reasonable error rectification methodology and keep costs down
- A more robust approach to materiality would better serve our clients
- Where to from here?