#### **Endurance Risk Solutions**

Casualty Cats and Clash – an Insurer's View

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## There was a time before Property Cat Models





## How do we get from here...





## To here?





## We understand the drivers of Property Cats...











#### And the models are never completely accurate...

"We knew we had a lot of explaining to do, but it turned out to be even more than we planned."

Ryan Ogaard, RMS' senior vice president of model management

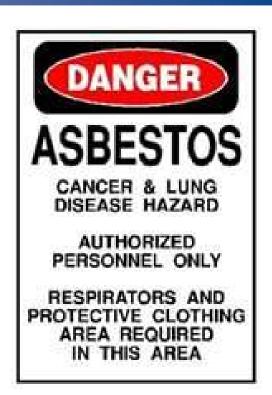




## But Casualty Cats are even more complex and often pervasive throughout the commerce stream















## Casualty Underwriter Toolbox.....

#### Yesterday





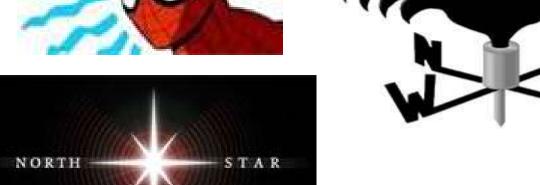


### Casualty Underwriter Toolbox.....













The New Hork Times



## Casualty Underwriter Toolbox.....

#### **Tomorrow**









### How do we pro-actively identify and decide....

Which casualty cats to avoid, to restrict, to offer less limits, higher attachments or charge more premium?

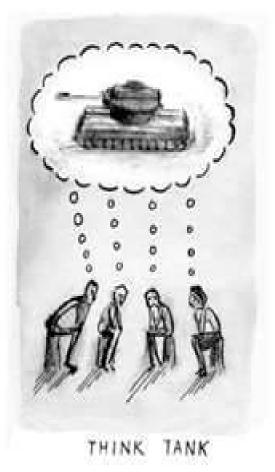




How do you come up with an effective portfolio strategy without objective, methodical, scalable and up to the minute underwriting tools and resources?

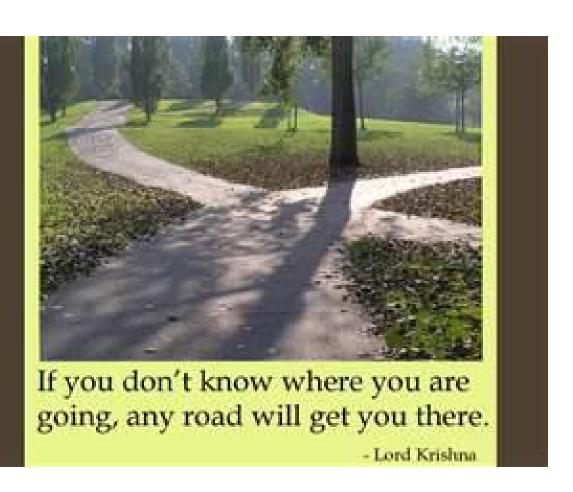
### What about Emerging Risk Committees?

- Attempt to Identify emerging risks using multiple sources of information
  - Internal Claims, Loss Control, Underwriting experience
  - External newspapers, blogs, industry sources
- Develop an emerging risk list
  - Conduct or contract research
  - Advise Underwriting
- Critiques from Senior Management
  - Challenging to estimate (or even define) exposure
  - Evolution of risk makes analyses obsolete before they are completed



Emerging risk committees represent progress towards thought leadership, but the <u>execution</u> thereof is the most challenging piece of the puzzle.

#### Where does this leave us?





#### **Examples of a few pieces of the Clash Pie**

- ➤ Life Science
- > End Products
- ➤ The 'next Asbestos'; common denominator(s) of a mass litigation episode
- > Single Event





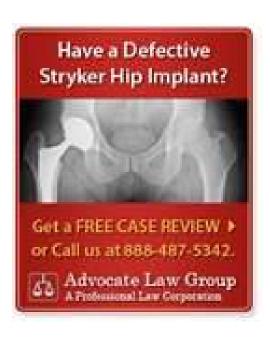
#### Life Science

- ➤ Life Science
  - Extremely high degree of frequency of severity
  - Elevated Clash exposure due to common active ingredient, drug combinations, or similar device design











#### **Non Medical End Products**

#### > End Products

 Multiple potential manufacturers and distributors of substantially similar products causing a specific but common bodily injury/property damage









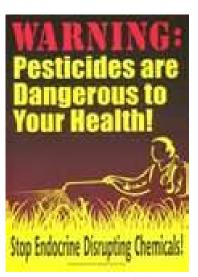


#### The 'next Asbestos'

- ➤ The 'next Asbestos'; common denominator(s) of a mass litigation episode
  - Pervasive elements in the commerce chain
  - Insurers likely affected at many points in the chain with varying exposure settings, coverage triggers and potentially varying allegations of bodily injury/property damage.









### Single Event

- ➤ Single Event
  - Recent Energy losses have made the industry hyper-aware of the potential that exists in the Upstream world, but potential exists in all industries









## Casualty Underwriters need an extensive ....

Single Event



Common denominator
Of mass tort litigation

Life Science

End-use products



## In order to find the proverbial ....





# We can't exclude it and remain in the market. Shouldn't we just ...

Reinsurers Insurers





### Underwriting positions include more than...

... just putting on broad-based exclusions and effectively writing yourself out of the marketplace.

#### Underwrite it first, then...

- ➤ Avoid it or limit new business writings
- Exclude the problem but not the product
- ➤ Higher attachments, lower limits
- > Higher premium
- > Treatment of defense
- Batching one limit for one problem
- > Trailing SIR's
- Per Claimant SIR's



## Step 1 – Identify and rank the highest concerns

The biggest trick is to first identify and then rank the exposures and clash scenarios by severity, footprint, frequency and probability. It's a difficult task without objective, analytical and scalable tools to get past the ...

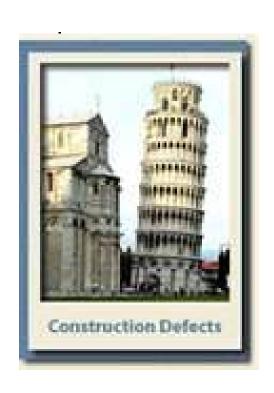








# Step 2 – How do those concerns translate to your casualty portfolio?











## Step 3— How do you actively quantify the aggregation of these concerns?

- Various Triggers for the same exposures
  - Occurrence; stacking potential
  - Claims Made; permissive notice of occurrence
  - Occurrences Reported; the 'sweeping' mechanism of integrated occurrences
  - Retro dates and Warranty dates
- Differing attachments and limits over time
- Treatment of Defense
- Protective Terms and Conditions
  - Exclusions
  - Limitations
  - Each and every retention
  - Trailing SIR's
  - Per Claimant SIR's



# Is this mindset a competitive advantage or disadvantage?

#### Joe broker:

"I don't want to know and I don't care why you WON'T write something."



#### Joseph broker:

'If you can find a way to write a risk that others won't, even with limitations, you are creating value for our clients and ourselves."





## **In Summary**



- ➤ We don't want to '20/20' underwrite and be reactionary with "too little, too late positions"
- Aggressive plaintiffs firms are also searching for the 'next' casualty cat
   if we aren't working towards it, we certainly won't be ahead of them
  - on finding it.



## The Challenge

Knowing what is NOT the next 'casualty cat' presents competitive advantages and opportunities. This is where you can get creative with terms and charge arguably adequate premium levels.





Casualty Cat Tools are needed to proactively identify, rank and manage portfolio clash and aggregation risks to single events, life science products, end-use products and pervasive elements in the commerce chain.



## Casualty underwriters need better tools to ...





## Thank you



