

**Notification of Errors in
Mitigation Measure Vulnerability
Files in RiskLink 4.3a**

May 12, 2004

Summary

- ❑ Two instances
 1. July 2003
 2. February 2004

- ❑ Both instances had no impact on RiskLink 4.3a output ranges submitted to the Commission

- ❑ Neither instance has impacted any Florida rate filings

- ❑ Both errors are corrected in the February 2004 RiskLink 4.32a submission

Re-Cap: First Instance July 2003 – Illustration of One-Time Interpolation Procedure

□ In Version 4.3a, Format of Secondary Modifier files was changed

– Previous format - 7 Wind speed bands



– Format in RiskLink 4.3a - 16 wind speed bands

RMS Actions Regarding First Instance

- RMS notified its clients of this issue on July 30, 2003
 - Corrected files were distributed to all clients

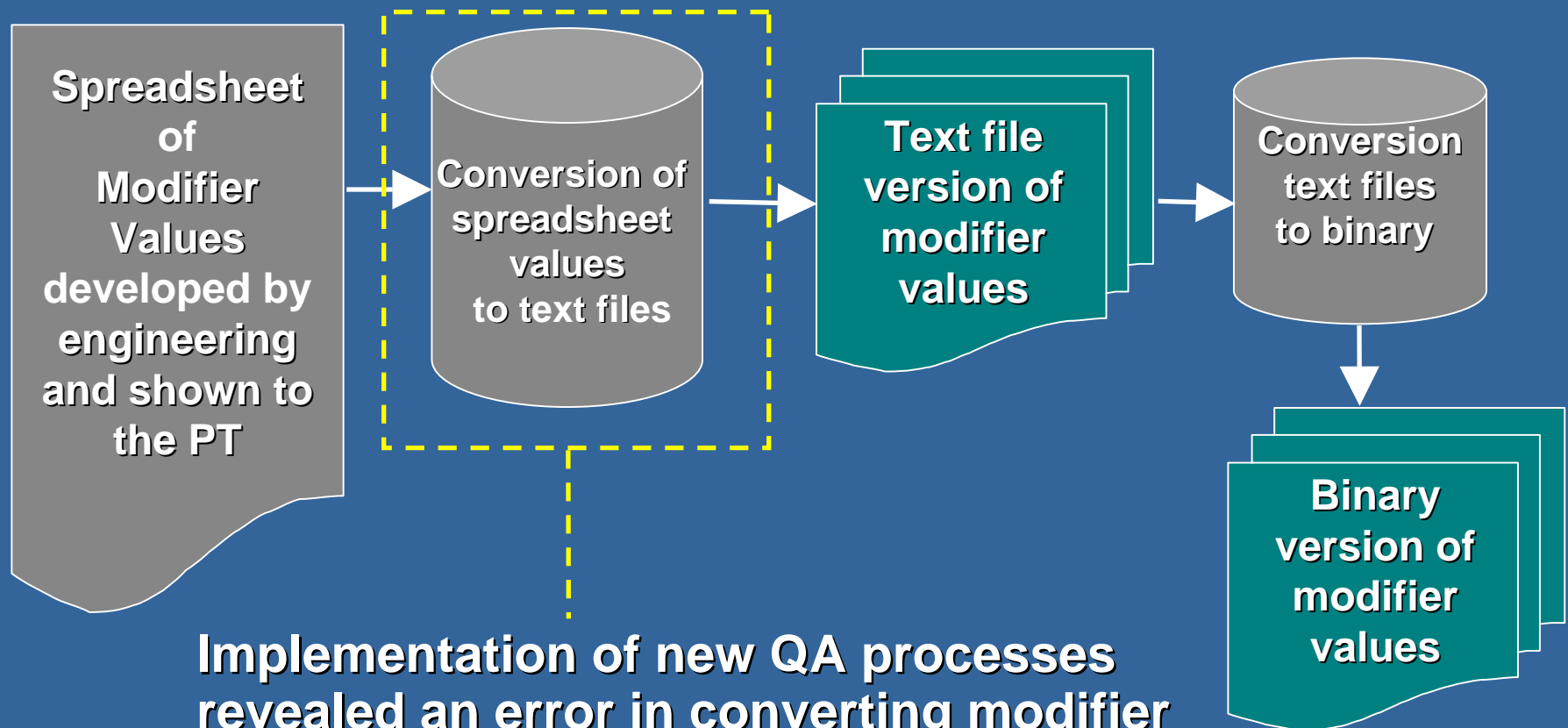
- RMS notified the FCHLPM of the error and the steps taken by RMS to work with clients on August 6, 2003
 - No clients had used the incorrect modifiers in a personal lines rate filing in Florida
 - Output ranges submitted to the Commission were not impacted
 - Correspondence was reviewed by FCHLPM on Aug 21, 2003 and it was determined that the certification of 4.3a was unaffected

RMS Actions Regarding First Instance

- ❑ Expanded test plan development and review process
- ❑ Responsibilities and coordination of QA for all model development data files has been centralized
 - Development of test plans
 - Execution of test plans
 - Review of test results

Second Instance February 2004 – Process Flow

- General Flow of Information from design engineer into Software



Implementation of new QA processes revealed an error in converting modifier values developed by engineers into text RiskLink files

Second Instance

- ❑ Roof Covering modifier was in error

Roof Covering Options

Concrete Fill
Metal Sheathing
Single-Ply Membrane
Built-Up Roof
Composition Shingles
Concrete Tiles
Wood Shingles



- ❑ Order of roof covering options changed in RiskLink
- ❑ Macro to convert from spreadsheet to text file mixed up order of modifiers
- ❑ This error had no impact on submitted output range values
- ❑ This modifier is not required by Form V-2 but one of these options – “Concrete/Clay Tiles” – was presented to the Commission last year

RMS Actions Regarding Second Instance

- ❑ RMS notified clients of the error
- ❑ We have have contacted all clients with version 4.3a and confirmed none have used the roof covering modifier in a personal lines rate filing in Florida
- ❑ No impact on RiskLink 4.3a output ranges submitted to the Commission