Release Notes for RISATower Version 5.0

June 6, 2007

This document describes Version 5.0 update for RISATower. Please install this update at your earliest convenience. *Stand Alone Installation Instructions.pdf* and *Network Installation Instructions.pdf* files are available from the program download webpages.

Documentation
RISATower manual will be installed in \Program Files\RISA\RISATower\Manuals directory. Hard copies will be made available to those who request them.

New Features and Bug Fixes

➢ Export to RISA-3D. This feature provides greatly enhanced analysis and design capabilities. The exported file includes all geometry, section property, and loading data. In RISA-3D (version 7.0.1, available June 2007) tower models may be freely modified to simulate variety of project conditions, such as individual member deterioration, local reinforcing, adding/removing components, etc. In addition, seismic analysis is also available. RISA-3D state-of-the-art graphical modeling tools allow visual data input and model manipulation.

➢ Changed Wind Direction Probability Factor Kd for calculation of loads applied to appurtenances to reflect the intent of the TIA-222-G Standard (based on a Clarification issued by the TIA TR-14.7 Editorial Committee).

➢ Optimized and corrected generation of pattern loading for guyed masts in accordance with TIA-222-G.

➢ Improved candelabra import functionality.

➢ Improved GUI toolbar handling.

➢ Increased ranges of input values for certain modeling data.

➢ Corrected calculation of tensile strength of bolts (including monopole anchor bolts) under TIA-222-G and TIA/EIA-222-F.

➢ Fixed a bug that prevented certain models from running when Metric unit system was specified.