

**Software Working Group (SWG) Update  
for  
API RBI Users Group  
February 2006**

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# History of SWG

- **October 2001 – Proposals for new software received.**
- **Goals**
  - *Intent to develop a stable, user friendly software that goes beyond limitations of MS Access (v 3.3)*
  - *Implementing a software quality control program to reduce the incidents of bugs, and facilitating maintenance and future distribution*
  - *Decreasing the time and cost for software development including implementation of new technology (i.e. technical modules)*
  - *Decreasing the time for software testing and validation*

# History of SWG

- A subgroup of the Users Group was formed in November 2001 to oversee / assist in the development of the software.
- The desire is to have the software controlled by a navigation bar for each of the following:
  - *Data Input Data Transfer/Data Management*
  - *Data Validation & Review*
  - *Inspection History & Updating*
  - *Analysis*
  - *Planning, Repair/Replace & Cost Benefit*
  - *Reporting*

# History of SWG

- **Problems in software development for V.7**
  - *We were not trying to reprogram V.3*
  - *Use the BRD as the basis, we found BRD was not up to date and software was doing undocumented calculations*
  - *Unapproved and un-balloted changes were in V.3*
  - *SWG oversaw development for 4 years*
- **V.7 released 3Q2005 to Users Group**

# Path Forward

- **The SWG has been disbanded as V.7 software is issued and the purpose of the SWG has been achieved**
- **Changes to future software to be performed in two ways:**
  - ***Balloted and approved modules of API 581 (TWG)***
  - ***Users Group to function as SWG. Time to be allotted at UG meetings to discuss and identify software issues. Changes will be made after approval and be scheduled for the next software release***
  - ***Contractor (Equity Engineering) to provide cost of required changes. Approval through Steering Committee and Users Group as required.***
  - ***Software releases scheduled - 2 per year (May, Nov)***