Industry Support for Standardization

Conference on U.S. Leadership in ISO and IEC Technical Committees

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Chair, ISO/TC 67
Industry support for standardization

- ISO Technical Committee 67
  “Materials, equipment and offshore structures for the petroleum, petrochemical and natural gas industries – Excluded: aspects of offshore structures subject to IMO regulations.”

- IMO issues belong to TC8 – Ships and marine technology.

- Questionable issues covered by Memorandum of Understanding)
Industry support for standardization

- Reformed in 1989 with ANSI as secretariat, 1994 delegated to American Petroleum Institute
- 24 “P” countries and 27 “O” countries
- Currently, 148 items on work program, of which 105 have been published at least once
  - Documents vary from 35 to 300 pages
- Six subcommittees with multiple working groups
- Five working groups directly to TC
- 1000 ++ active participants
- Working program delegated to subcommittee and working group chairmen
Industry support for standardization
Overview – Industry support for standardization

■ Agenda
  - Identifying the key players
  - Developing the market-relevant program
  - Engaging the experts
  - Carrying out the working schedule
  - Sustaining the experts
  - Attracting new participants
Identifying the key players

- Operators
- Suppliers/service companies
- Manufacturers
- Government authorities
- Academia/universities
- Contractors
- Consultants
Identifying the key players
Overview – Industry support for standardization

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Developing the market-relevant program

- ISO Directives – can be from any source, full information about title, scope and introduction
- Voted throughout the ISO Members
- TC67 N435 rules –
  - NWI must contain WD or detailed outline
  - if a positive vote is given, an expert must be named
  - No sunsetting of working group members
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Engaging the experts

- ISO/IEC Directives –
  - project leader, working group convenor, subcommittee chair
  - Five countries must name experts

- ISO/TC67 –
  - Requirements specifically stated – time, resources, knowledge, project management skills
  - Network of contacts

- CEN/CENELEC Directives –
  - European project leader
  - Five EU member countries
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Carrying out the work program

- Project management skills
  - Work program developed with NWI
  - Project leader must understand the ISO timetables
- N435 – Policies and procedures
  - Typical program timeframe WD – 6 to 37 months, CD – 12 months, DIS – 14 months, FDIS – 4 months
- N654 – Management system
  - Management committee of “P” member representatives
  - Identify problems and solutions with input from SC chair
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Sustaining the experts

- Resources available –
  - www.tc67.net
  - Lessons learned
  - Guidelines for standards developers

- Derogations from ISO CS
  - Dot.com issue
  - Dual references
  - Dual units
  - Effective date
  - Interpretations
  - Use of petrochemical

- OGP Funding for editing
Sustaining the experts
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Attracting new participants

- ISO *Focus* magazine (April 2004)
- ISO *Management* magazine (June 2004)
- *Standards Bulletin* published annually
- Users’ summary included with every standard posting on www.api.org website
ISO TC 67

Do it once. . .
Do it right. . .
Do it internationally!
Industry support for standardization

Thank You …

And

Any Questions?