

# Development and Use of Standards for Pipeline Systems for the Petroleum and Natural Gas Industries - through ISO TC67 SC2



Prepared by Jen Ward  
On behalf of ME38 committee

# Presentation Summary

- Background on Standards in Australia – development of AS2885
- Benefits of a unique standard vs any downsides
- Historical involvement in ISO
- Current increased participation in and adoption of ISO standards
- Results of our ‘active’ participation in ISO

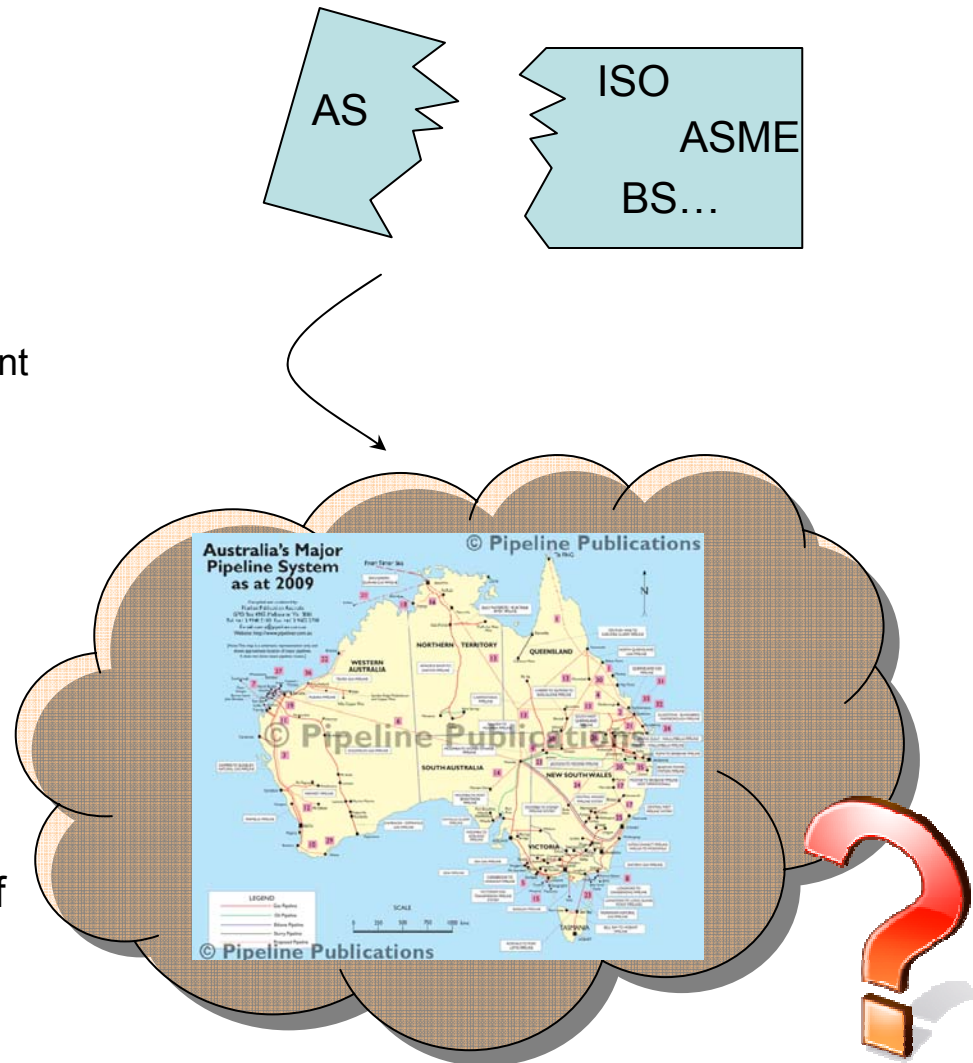


***Emphasis throughout on Pipeline Transmission Systems***

# ISO vs AS - in Australian Pipelines

- History and Development of AS2885
- Why we “broke away”
- ISO active and were ‘P’ members in 90s
- This membership lapsed
  - Many standards and many not relevant to Australian industry
  - Little acknowledgement of technical submissions/comment
  - Cost
- Benchmarking results of AS2885
 

But...
- If all standards in isolation – do we risk being in our own bubble from the rest of the industry?



# Re-engagement with ISO

- 2004 – attended Plenary meeting of ISOTC67-SC2
  - Presented benchmarking study on AS2885
  - Established relationships
- Importance of participating in and contribution to ISO realised
- Purpose of ISOTC67-SC2
  - To achieve harmonisation of different international standards
  - Achieved through working groups
- Why enthusiasm to become active
- Agreed to nominate one member of ME38-1 to coordinate



# ISO Current Participation

- 'P' (Participating) member of ISO TC67-SC2 – 1 of 25 countries
- The role of ISO representative
  - Coordinate ISO – AS Correspondence
  - Attend Plenary Meeting (Copenhagen 2008)
  - Costs borne by contributions from APIA RSC, Standards Australia & Employer



## *ISO standards are now becoming a part of the Australian pipeline industry*

- Involvement and representation in a number of Working Groups
- Adoption of standards
- Submissions to ISO 3183 line pipe committee well received
- Standards Australia contribution – benefit to both ME38 and ISOTC67-SC2

# 2009 Plenary ISOTC67-SC2 Meeting

- And the winner is...Sydney!
- Australia recognised as an active participant through hosting 2009 Plenary meeting
- 2 day meeting and associated networking event
- Purpose of annual meeting
- Expecting 30-35 country delegates

## 29<sup>th</sup> Plenary Meeting of ISO TC67 SC2



Sydney Opera House

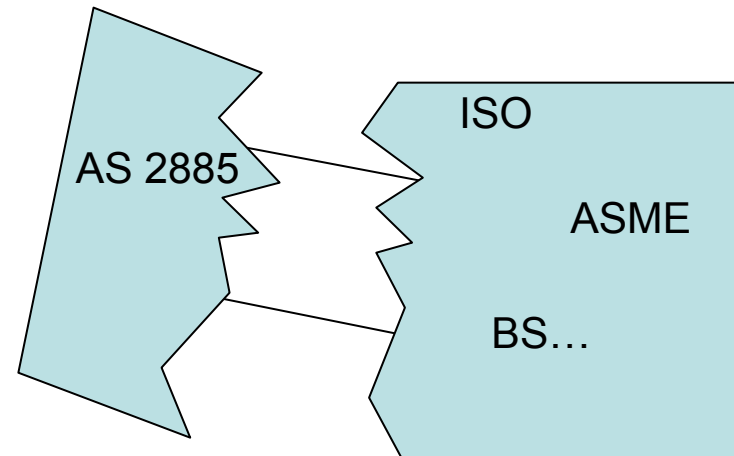
Sydney, Australia

April 22-23 2009



# Conclusion

- ME38 still committed to AS2885 suite
- Continual Research and Development – including industry benchmarking
- But – not in complete isolation**
- Remain interested and active in ISO development – particularly material standards
- Undergo gradual adoption – as applicable



## Result?

→ Ensure no “bubble” of isolation with rest of industry and strong link with international developments – so that our industry can also be accommodated

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