1.0 Task Group membership

Review the current task group membership. Since the original task group formation the membership has changed due to retirements, and change in position of some of the members. The membership of the task group is as follows:

- Chuck Woodruff – Co-chair - active
- Jan Van der Ent – active
- Don Stevens - visitor
- Tim Burns – active
- Zhenzang Tsang - visitor
- Marty Ritz – active
- John Kern – active
- Joel Almond – active
- Ralf Hoffman – active
- Bob Bates – Co-chair - active
- Paul Moore – active
- Pratik Patel – visitor
- Frederic Jacques – new member of TG and Advanced UT working group

2.0 Task Group Charge

Review of the initial task group charge to confirm no changes / additions to the charge needed to be discussed with the API board.

**Primary Task:**

To review current manual and AUT Ultrasonic practices and acceptance criteria.

Provide proposed changes to be balloted in the 1104 standard which may be warranted based on the results of that review.

3.0 Task Group findings

Initial findings of the task group determined the following:

- Segregation of Manual UT and AUT techniques are warranted considering
  - Stand-alone Manual UT inspection for DAC based inspection
  - Stand-alone Manual UT inspection for height sizing
  - Manual UT inspection in conjunction with AUT where sizing is required – implementation of comparative sensitivities
  - Other automated / manual technology (manual PA, ToFD, etc.)
• API-1104 Section 11.4 requires updating based on advancements in the industry further
definition for UT methods are required in the API-1104 Standard.
• Additional guidance and requirements for the development of Ultrasonic Procedures need to be
defined in the standard.
• Additional guidance and requirements for the demonstration of Ultrasonic Procedures
• Requirement for additional guidance related to the inspection of weld repairs – Repair welding TG
• Requirements for additional guidance related to the inspection of in-service applications – In-service welding group.

4.0 Meeting History
There have been a total of 9 task group meetings totaling 18 days since 2012.

• Task Group Meeting #1 held in Ft. Worth, TX Jan 2012 (1 day)
• Task Group Meeting #2 held in Houston, TX April 2012 (3 days)
• Task Group Meeting #3 held in Houston, TX – Sept 2012 (3 days)
• Task Group Meeting #4 held in Houston, TX, October 2013 (4 days)
• Task Group Meeting #5 held in Addison, TX, January 2014 (0.5 days)
• Task Group Meeting #6 held in Houston, Tx, Aug 14, (3 days)
• Task Group Meeting #7 held in New Orleans, La, Jan 15, (0.5 days)
• Task Group Meeting #8 held in Houston, Tx, May 2015 (3 days)
• Task Group Meeting #9 held in Ausin, Tx Jan 2016 (review only)
• Current Progress – 50% (estimated after 18 working days)

5.0 Upcoming Events
Based on the request by the API-1104 committee to have updated wording for the 22nd edition by July 2016 an updated schedule for the completion of the task group activity has been compiled by the AUT Task Group

1. July 2016 – delivery date for any new items to be submitted for API 22.
2. 4 meetings prior to July 2018 submission – two telepresence / two scheduled meetings
3. Multiple review cycles prior to July 2018.
4. Submissions for comment
   • JAN 2016 – 10 day review cycle followed by telepresence meeting
   • MAR 2016 - 10 day review cycle followed by FTF meeting
   • MAY 2016 - 10 day review cycle followed by telepresence meeting – (notify NDE committee chairs call for special SC meeting in Summer 2016.)
   • JUN 2016 – final review followed by FTF meeting – followed by a potential NDE subcommittee meeting to review the revised documents.
   • June 2016 final submission of TG work to NDE committee co-chairs
6.0 New Business

Based on current industry practice it was determined that an additional working group be formed within the task group to compile language specifically related to advanced ultrasonic methods that are currently being used in the industry but are not referenced in the API-1104 Standard. The following task group members have volunteered for this task:

- John Kern
- Paul Moore
- Frederic Jacques – new member of the task group