1. RECAP & STATUS

The API 17D task group developed a second edition of the specification, combining ISO 13628-4 and API 17D into a second edition of 13628-4. That ISO document was balloted, accepted and published (15 December 2010). The document also passed an API adopt-back ballot and was published as the second edition of Specification 17D on 02 May 2011. The specification was effective as an API document on 01 November 2011.

Work on the specification itself subsequent to the release of the second edition has been addressing inquiries resulting from users’ application of the new specification and issuing errata. An open topic currently being addressed is Metric/English conversion inconsistencies in three of the tables which have, apparently, been carried from the very first edition.

Removal of PSL 3G Class for Wellheads & Revision of Closure Bolting

A revision to remove PSL 3G for wellheads and revise closure bolting language passed with three negative votes. Resolution of comments was originally forecast for Q3 2014 but has been moved out to Q1 2015 due to focus on qualification testing of subsea valves & actuators.

Qualification Testing of Subsea Valves & Actuators

A small group was formed after the January 2014 meeting to consider this topic and propose an auditable definition for the topic. Members are:

- Ross Frazer, HWCG
- Gerald Hershman, FMC
- Chris Kocurek, Conoco-Phillips
- Danny McLaughlin, One Subsea
- Paulo Paulo, Chevron
- Man Pham, BP
- Anwar Sleiman, MasterFlo
- Eric Wehner, NOV
- Chris West, NOV
- Bruce Witwer, Dril-Quip

The result of the task group’s work is on the following page. This definition was presented at the June 2014 meeting and a decision was made at the June 2014 meeting to circulate the proposed definition for comment only. However, subsequent to the meeting continued dialogue within SC 17 delayed that effort. Further discussion within the leadership of SC 17 resulted in the decision to upgrade the release to an informative annex and circulate for ballot. This step is being taken since the genesis of this effort is to provide a recommendation to users of the document for definition of a valve/actuator cycle and this route will be more direct than circulating for comment first.

The reformatted document is with API staff now and it is anticipated it will be released for ballot prior to the winter subcommittee meeting on 20 Jan 2015.
## API 17D - Valve Cycle Definition

<table>
<thead>
<tr>
<th>Pressure (5.1.7.4)</th>
<th>P/T (5.1.7.6)</th>
<th>Endurance (5.1.7.7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gate in half open position and pressure cycled from 0 psig to RWP to 0 psig 200 times.</td>
<td>Follow 6A F.1.11.3. These temperature cycles are as per API 6A F 1.11.3. The first temperature cycle is from point a to point e. The second temperature cycle is from point e to point k. The third temperature cycle is from point k to point o. Note: completing steps a through q as described in 6A F.1.11.3 fulfills the three cycle requirement.</td>
<td>Dynamic – 400 cycles required completed as outlined below in (a) or (b) or (a) and (b) but no less than 400. (a) API 6A, dynamic cycles, per Annex F, F.2.2.2.2.1 (partial blowdowns). Note: this choice for cycles is covered by F 2.2.2.2.1 steps a through e. Note: 200 of the qualifying cycles must be PR2 (per API 6A, F.2.3) or objective evidence must be provided (per API 17D, 2nd Ed, 5.1.7.6) to demonstrate that the cycles were previously completed (b) API 17D, 2nd Edition, Annex L cycles per the text in paragraph 3 of Annex L may be used in place of 200 of the cycles (full blowdown with hyperbaric pressure).</td>
</tr>
</tbody>
</table>

Note: 200 cycles of endurance testing completed

Note: 203 cycles of endurance testing completed

Cumulative: 603 cycles of endurance testing completed

### Ancillary Activities

The TG is also following the ECS task group on the changes to the ASME Section VIII, Division 2 pressure vessel code and what effects it may have on the current document.
3. MAJOR ISSUES

Resolution of the auditable valve and actuator cycle definition will likely precipitate requests for other items in table three (Minimum Validation Test Requirements).

4. ANTICIPATED NEW WORK ITEMS

There are none at this time.

5. PLANS FOR FUTURE MEETINGS

There are none at this time.

6. RESOURCE NEEDS

There are none at this time.