

Subcommittee on Mechanical Equipment
 Report to the
Committee on Refinery Equipment
 Spring Refining Meeting
 Denver , CO
 April 27- 30, 2009

I. STANDARDS STATUS

Published since previous API meeting	None		
Active Taskforces	17 (various stages) 610, 612, 616, 617, 619, 670, 673, 674, 676, 682, 684, 685, 686, 687, 688, 691,692		
TF being activated at this time	675, 691, 692		
API / ISO Co-branded Standard's Status	API 610	ISO 13709	Currently in FDIS Review
	API 612	ISO 10437	TF/WG activated ; awaiting DIS submittal (March 2009)
	API 614	ISO 10438	Published co-branded (April 08)
	API 617	ISO 10439	On-hold subject to SOME vote to proceed with ISO
	API 618	ISO 13707	On- hold subject to SOME vote to proceed with ISO. If majority votes to continue the iso-ization process ; then API SOME to ask P. Autran (France) as convenor to proceed with raising a NWIP.
	API 619	ISO 10441-1	FDIS just approved, National adopt back ballot has been approved . API/ISO co-branded standard will be published before the Spring Meeting 2009
	API 671	ISO 10441	Published Sept 2007
	API 674	ISO 13710	David Saile editing document within the ISO template .Trying to resolve ISO comments. API SOME to vote to determine whether we publish the API standard in lieu of the co-branded document. This issue has been unresolved for over three years.
	API 682	ISO 21049	TF/WG active . DIS to be submitted for ISO review 1Q of 2009.
	API 689	ISO 14224	Co-branded Standard published July 2007
API Documents not in Isoization program	API 611	ISO 10436	Dropped by ISO from list
	API 670	No ISO document	TF presentation Fall 2008/ Spring 2009/Fall 2009
	API 672	ISO 10442	On-hold subject to SOME vote to proceed with ISO

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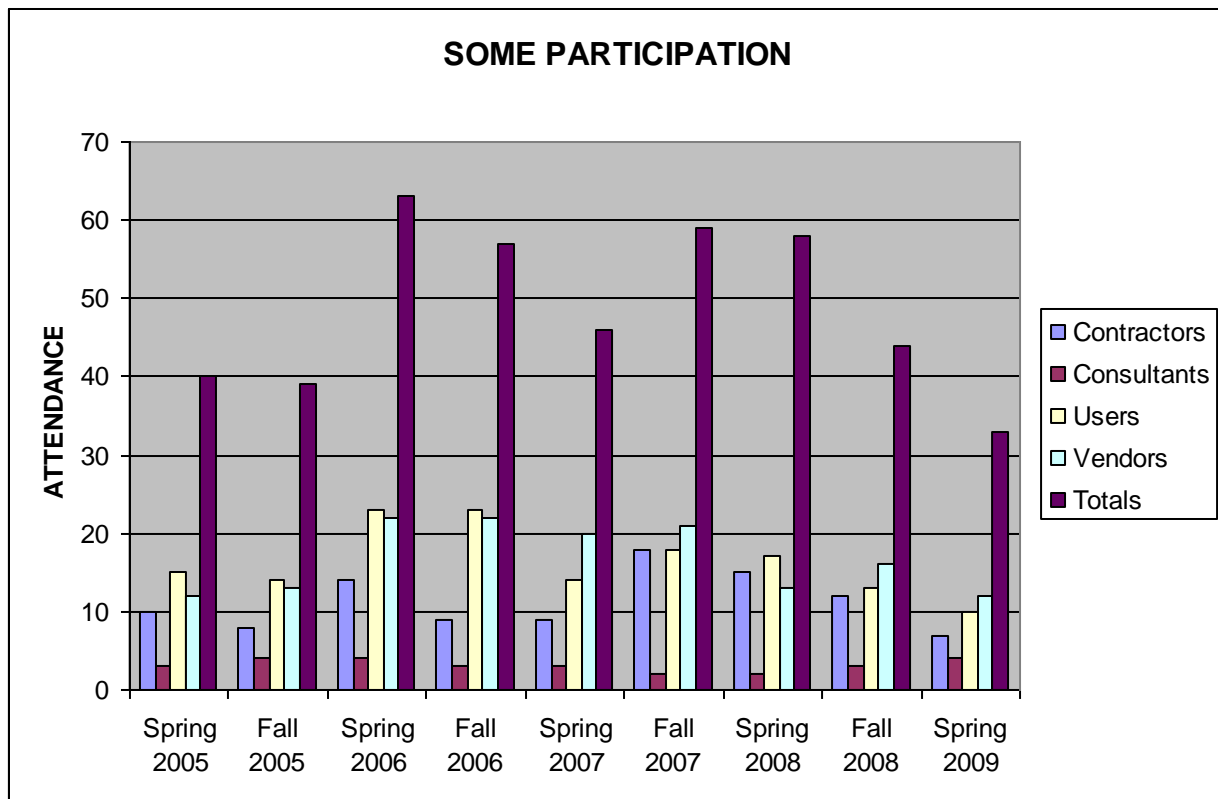
Documents soon to be provided to API by SOME	685 & 688 On-hold subject to SOME vote to proceed with ISO
Documents in API hands	674 & 686
Documents waiting on ISO	617 & 619

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II. Technical Inquiries

	Since Fall Meeting	YTD
TI's Processed	3	3
Open TI's with response drafted	N/A	0
Open TI's with no response drafted	N/A	0

III Attendance/Resource Issues



IV ISSUES THE SUBCOMMITTEE IS ADDRESSING:

1. Improving the TI Work Flow Process:

SOME noted that it processes more TI's than any other SC. The average response time has been 4.5 months over the last 10 years. The Steering Committee has spent approximately 25% time during teleconferences and

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meetings to resolve this. SOME worked closely with API Staff to develop a new process flow sheet which uses Form Letters to reduce the response time. This has also lowered the work load on the subcommittee with TI's falling off by 75% in the calendar year.

2. Monogramming of API-682, API-610 & API-687:

API CRE have provided SOME the go ahead with a monogramming program and have contracted review of the standards with an engineering firm. The work is expected to proceed through the calendar year.

3. Iso-izing SP's to assist active Task Forces

SOME continues to "iso-ize" the standard paragraphs and provide dual reference checks for all mechanical equipment standards. This work is expected to be complete by the end of year.

4. Electronic Data –Sheets in XML

API SOME have contracted out with an engineering specialist to provide guidance on the development of a uniform data transfer method. This effort has involved FIATECH's pilot work on an API-610 data sheet which was adopted by the Hydraulic Institute. The publication of this methodology by HI is the first step to industry acceptance and perhaps the beginning of more widespread adaptation within API SOME

V NEW POTENTIAL DOCUMENTS

- Dry Gas Seals & Systems
- Electric Submersible Pumps
- Risk Based Inspection For Machinery

VI EMERGING TECHNOLOGIES

- Composite materials in seal elastomers (API-682)
- Multi-phase pumps (API-676)

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VII CONCERNS OF THE SOME:

1. Finding new members
2. Funding consultants for future publications
3. Access to Reference Specifications
4. Getting reservations at the selected hotels
5. API Staff and Member Companies packing up and leaving Wednesday morning. Every meeting regardless of the location – API reception desk is vacated on the last day. Exhibitors do not show the last day. All of this encourages participants to leave early. CRE should maintain support staff, reception and encourage exhibitors to remain until late afternoon Wednesday.

VIII PROACTIVE THOUGHTS OF THE SOME:

1. Make available a technology report guideline for information that can be disseminated via study report rather than a standard.
2. Would like to see a standard process from API with an electronic input method for the person asking a TI so it is processed more efficiently than now.
3. Advertise for new members in magazines and journals .

Subcommittee Chair: Joe Thorp

Subcommittee Sponsor: Chris Messelt