Pri.	Module	581 Appdx.	Program.[1] Funded?	Respon.	Draft to TWG	Issue Ballot	Return Ballot	Comment Resolution	Comments
1	Storage Tanks	O	Y	E^2G	11-1-04	12-1-04	1-1-05	3-1-05	The module is being re-written by Mike Conley and Dave Osage during programming will be balloted in its entirety. The reference information included in the previous write-up will be added as an appendix to the module and balloted with the BRD.
2	HE Bundles	S	Y	E^2G	8-1-04	11-15-04	1-15-05	4-15-05	The current write-up reads like a software user manual and must be re-written to in a format that is appropriate for the BRD. The working group will revise and review the document before re-ballot.
3	CUI	N	N	TWG	8-1-04	11-1504	12-1504	2-15-05	Ballot changes only.
4	Consequence Modeler	U	Y	E^2G	10-28-04	TBD	TBD	TBD	Fund review by outside consultants.
5	PRD	P	Y	E^2G	8-1-04	10-15-04	1-15-05	3-15-05	Waiting for changes based on API PRD group review.
6	HTHA	I	Y	TWG	1-1-05	4-1-05	5-1-05	8-1-05	CC 941 TG (users only). The HTHA module yields potentially non-conservative results for C-1/2 Mo materials in the current documented module. A proposal from MPC has been developed to improve the current module with learnings and information developed for API.
7	Furnace Tubes	J	Y	E^2G	1-1-05	4-1-05	5-1-05	8-1-05	The module must be reworked to merge an API 530 with Omega to achieve valuable discrimination between furnaces. The working group will develop, review and revise before a ballot is required.
8	Cooling Water	?	Y	TWG	Complete	10-1-04	12-1-04	3-1-05	Re-ballot entire module This module has been revised based on a previous ballot. The revisions will require re-ballot by the group.
9	Soil/Underground	?	Y	TWG	Complete	Complete	Complete	Complete	Balloting process complete. The module write-up is complete and all ballot comments resolved. This module is ready for programming into the software based on direction from the working group.

[1] Steering Committee decided programming can commence when the draft write-up has been approved for balloting by the TWG. The TWG can hold programming in the event they are not confident the ballot will pass. Having a programmed version facilitates balloting of the module.

Pri.	Module	581 Appdx.	Program.[1] Funded?	Respon.	Draft to TWG	Issue Ballot	Return Ballot	Comment Resolution	Comments
10	Boilers	T	N	TWG	Complete	10-1-04	12-1-04	2-1-05	There were not enough responses from the previous ballot. Comments have been received from Alston Power and the TGW will review to determine if changes are required.
11	Creep	R	N	E^2G	1-1-05	4-1-05	4-1-05	7-1-05	The module will be revised based on data presented at the October PVRC conference on the Omega model. The working group will develop and review a document for ballot.
12	Thermal Fatigue	Q	N	E^2G	1-1-05	4-1-05	4-1-05	7-1-05	It was decided the current module is too broad and generic. It will be re-written with a new decision tree and will be merged with the mechanical fatigue. The working group will develop and review a document for ballot.
13	Liners	M	N	TWG	1-1-05	TBD	TBD	TBD	Is ballot required? This module needs an update to include thermal spray liners and address question raised by users. In addition, a liner inspection effectiveness table will need to be developed in order to include Liner considerations in the inspection planning module.
14	HIC/SOHIC	H	N	TWG	1-1-05	TBD	TBD	TBD	Is ballot required?
15	Amine Corrosion/ Cracking	G	N	TWG	1-1-05	TBD	TBD	TBD	Is ballot required? On hold; must compare to RP 945 new edition.
16	Acid/Sour Water	Z	Y	TWG	9-1-04	10-1-04	12-1-04	2-1-05	Re-ballot entire module to BP, Shell, & ChevronTexaco only. The module has been revised to resolve the negative from a previous ballot. Shell will review the document changes and a re-ballot will be done on that revision.

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Pri.	Module	581 Appdx.	Program.[1] Funded?	Respon.	Draft to TWG	Issue Ballot	Return Ballot	Comment Resolution	Comments
17	CO_2		N	TWG	1-1-05	2-1-05	4-1-05	7-1-05	Re-ballot entire module to BP, Shell, Dow & ChevronTexaco only. This model was revised based on the NORSOK model. A comparison of predicted corrosion rates based on the model is being compared to laboratory test rates by Users. Since most UG members do not have experience with this damage mechanism, the ballot will be sent to only to the following members: ConocoPhillips; ChevronTexaco, BP Saudi Aramco, and Shell.
18	NAC/Sulfidation		N	TWG	1-1-05	TBD	TBD	TBD	Ballot with BRD.
19	Sour Water	G	N	TWG	1-1-05	TBD	TBD	TBD	Is ballot required? H. Mead to talk with D. Horvath to determine if info from JIP is needed.
20	Sulfuric Acid	G	N	E^2G	1-1-05	TBD	TBD	TBD	Ballot with BRD.

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