

IEEE Communications Society

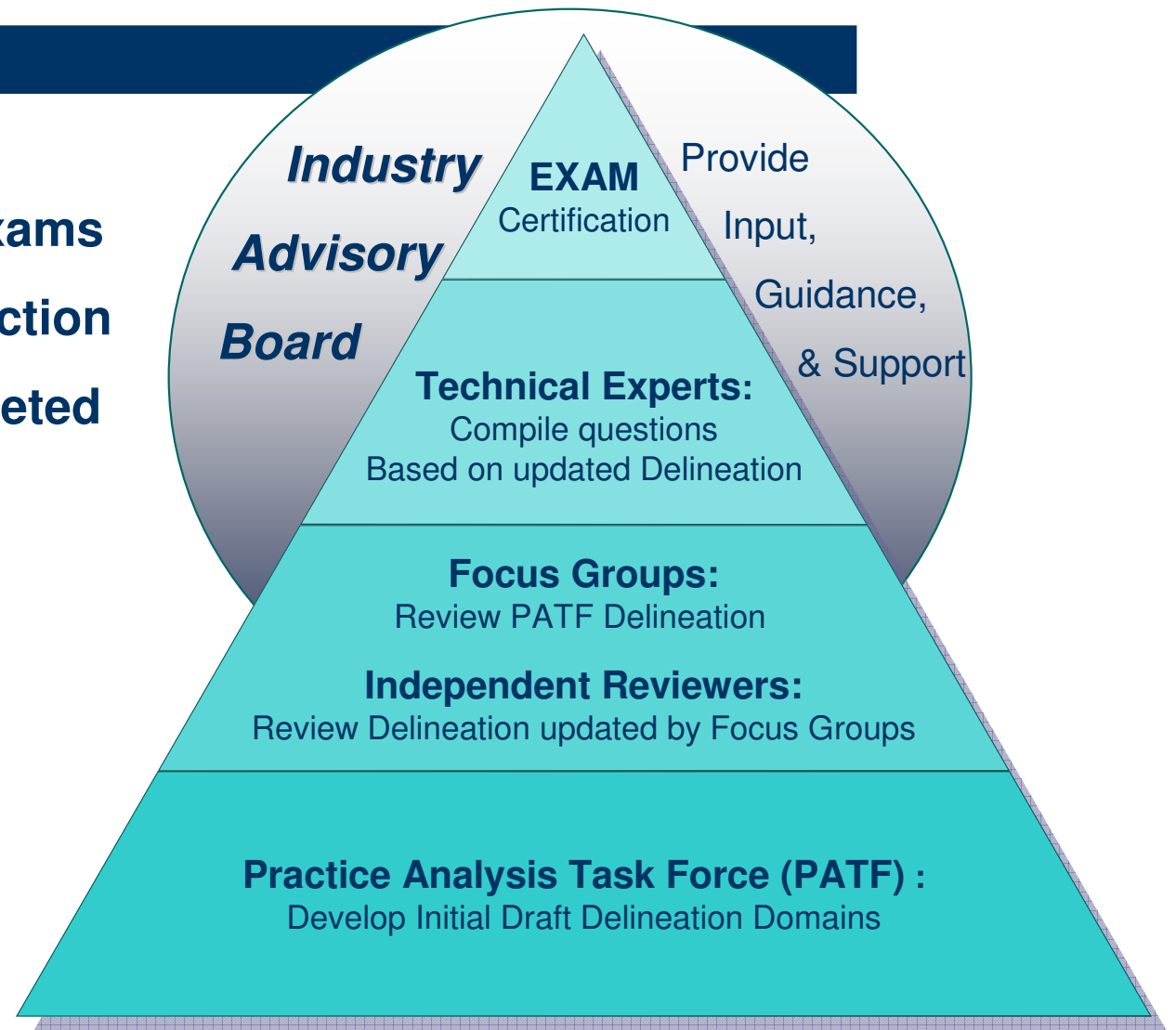
Development of a Certification Program in
**Wireless Communications
Engineering Technology**

IEEE New Initiatives Committee

- Approved funding of Certification Initiative.
- ComSoc engaged the services of PES – Professional Examination Service to direct the study and development of the test qualifications.
- PES proposed the development of a Practice Analysis Task Force, to prepare a delineation
- Delineation then reviewed by experts

IEEE ComSoc Certification Design Practice

**Building Certification Exams
with the Constant Interaction
And Support of the Targeted
Industry**



Practice Analysis Task Force Meeting 1

- 2 day meeting with a 16 member practice analysis task force (PATF) to develop initial draft delineation of Domains of Responsibility, Tasks, and Knowledge for the certification initiative.
- Most invited members participated, A few were unable to attend but will be included in further PATF meetings.
- The PATF identified next steps as creation of multiple Focus Groups as well as Independent Reviewers comprised of industry specialists who's task would be to review the PATF Delineation and provide feedback.

Regional Focus Groups

- Schedule for 2007 Regional Focus Groups
 - February 15th & 16th Barcelona, Spain
 - March 7th Lima, Peru
 - March 14th Hong Kong, China
 - March 22nd Kuala Lumpur, Malaysia
 - March 25th Kota Kinabalu, Malaysia
 - April 14th Sofia, Bulgaria
 - TBD Orlando, Florida (CTIA)

Region 9 Focus Groups

- On March 7 two focus groups were held in conjunction with the ComSoc RCCC and the Region 9 Meeting
- 15 local industry and government professionals attended
- Excellent discussion and some good points raised with some areas to include in the final version

Region 10 Meeting

- On March 22, one focus group was held in Kuala Lumpur
- 10 professionals attended, with excellent discussion
- A few proposals will go forward to Communications Society
- A second focus group will be held March 25 at the Region 10 Meeting

Independent Reviewers

- A task force of independent reviewers currently active in the Wireless Communications industries is being compiled.
- This task force will review the Delineation after the adjustments recommended by the international Focus Groups and provide individual feedback as to the needs of their particular technical specialty.

Technical Experts

- Feedback from both the Independent Reviewers and the Focus Groups will be compiled at a second PATF meeting and, with the guidance of PES, selections of the final version Delineation will be sent to technical experts throughout the industry.
- The technical experts will write questions based on the selected portions.
- A base of 600+ questions will be compiled, from which a predetermined number of questions will be randomly selected for each testing session.

Industry Advisory Board

- Throughout the process of developing the certification exam, a board of advisors will be built consisting of senior members of both large and small companies in the wireless industries.
- This board will provide guidance as to the needs of their companies and how they intend to make use of the certification.
- Industry input and support will be invaluable to the success of any certification project.

Want to participate?

- Go to <http://www.comsoc.org/cert> and follow the link to the *Pilot Survey*

Or

- Send an email to Celia Desmond at c.desmond@ieee.org