

**IEEE/PCIC SUBSEA ELECTRICAL STUDY GROUP  
REQUEST  
Updated September 22, 2012**

## **SCOPE**

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Develop a PAR(s) for Subsea Electrical equipment and systems for subsea petroleum production and related facilities. The primary focus of the Study Group would identify Subsea Electrical equipment standards such as transformers, switchgear, Adjustable Speed Drives, power umbilicals/dynamic submarine cables, connectors, motors, and similar equipment. In addition, a power distribution system philosophy standard (for example: direct step out from top side or shore, system grounding, use of junction box purging, system configuration, operating voltages, etc.) will be considered.

The development with dual-logo IEEE/IEC will be considered by the Study Group. Existing IEEE and other applicable industry and international standards will be reviewed.

## **PURPOSE**

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The purpose of the Study Group is

- 1) To determine whether sufficient interest and resources exist to develop an IEEE draft standard, and
- 2) If so, to develop a draft PAR for the proposed project.

The Study Group should therefore address, the following issues when evaluating a project proposal:

- Potential market acceptance of the standards project, including technical feasibility
- Relationship to related standards, if known, including its distinct identity from other projects
- Viable volunteer leadership and participation
- Realistic scope and objectives
- Opportunity to establish new areas of expertise within the Sponsor

The Study Group should prepare a report to the Sponsor to accompany a draft PAR addressing these issues.

When developing the draft PAR, the Study Group shall review and ensure compliance with the IEEE standards initiation process. The Study Group shall take account of the [NesCom Conventions for reviewing PARs](#).

The Study Group will follow the antitrust policies established by the IEEE-SA.

The Study Group should identify any coordination needed with other standards development committees, both within and external to IEEE, and recommend a process for coordination.

The Study Group Chair shall liaise with the Sponsor Chair to ensure that all of the required information is produced for completion of the PAR Form.

## **OFFICERS PROPOSED**

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Study Group Chair: Gary Savage

Study Group Vice Chair:

Study Group Secretary: