

**American Society for Photogrammetry and Remote Sensing
Professional Practice Division**

**Licensure Exam Development Committee
Meeting Minutes
March 9, 2005**

An exam item writing work session convened March 9, 2005, at the 2005 ASPRS Annual Conference, Baltimore, Maryland, Baltimore Marriott Waterfront Hotel. The session was held in conjunction with the Colonial States Board of Land Surveyor Registration (CSBLSR). Fourteen photogrammetrists and professional surveyors participated in the effort. Those attending are listed below:

<u>NAME</u>	<u>REPRESENTING</u>
Chris Aldridge	ASPRS
Doyle Allen	CSBLSR
Bob Brinkman	ASPRS
Robert Burtch	ASPRS
Dr. David Gibson	NCEES
Roger Hanson	ASPRS
Claire Kiedrowski	ASPRS
Alan Mikuni	ASPRS
Lori Phillips	ASPRS
Mike Renslow	ASPRS
James R. Riney	CSBLSR
John Simmers	ASPRS
Kenneth Suttles	CSBLSR
John Tull	ASPRS

Doyle Allen, CSBLSR Executive Director, distributed and explained the CSBLSR “Confidentiality Agreement” forms to all attendees. NCEES “Biographical Forms” were also distributed to everyone. Completed forms were collected and retained by Mr. Allen. Professor David W. Gibson, PS, PhD (and NCEES Consultant) introduced the group, outlined the scope and mission of the work session and explained the tasks.

The Item Writing Workshop for Photogrammetry is based on a “knowledge domain” developed in October 2005 (Frankfort, KY). Fundamental principles of test development and of psychometric procedures were outlined. Dr. Gibson distributed the current item bank (approximately 132 items) prepared on standard item format forms and ready for review and approval signatures (six independent reviewers). These items were developed in October 2003 (Frankfort, KY) and October 2004 (Concord, NH). The items were subsequently typed onto the standard Item Bank forms via Dr. Gibson at the University of Florida.

The theory and principles of a “Cut-Score Panel,” the Angoff Method (contemporary cut-score technique) and subject-matter-experts review (SME) were described to assist the item writers and item reviewers.

Dr. Gibson advised the group of the upcoming April 2005 meeting with psychometrician/consultant Mr. Jack Warner at Washington, D.C. in conjunction with the Joint NCEES Northeast-Central Zone meeting. Dr. Warner will begin the blueprint for the CSBLSR/Photogrammetrist item bank validation and cut-score process.

Following the compressed orientation and background presentation by Dr. Gibson, the attendees were divided into breakout groups:

ITEM WRITERS prepared new questions based on the Knowledge Domains spreadsheet/criteria. An item writer’s guideline titled “Tips For Writing Good Multiple Choice Questions” was distributed and reviewed.

ITEM REVIEWERS worked through all 132 previously generated item sheets – approving and providing the required six signatures for at least 123 of the item bank questions. Approximately 42 of the current item bank questions (after session total) were flagged as “needing work – further review and validation required” by the Item Reviewers. Dr. Gibson advised that said items are considered “Work In Progress” and will receive additional attention and editing as necessary at future work sessions. Many “Item Reviewers” switched over to “Item Writers” during the afternoon.

Approximately 33 additional/new items were generated by the Item Writers during this work session. Of these, 27 received the required six approval signatures. Total items in the Item Bank to date is 165 (following the close of business at the 3/9/2005 session).

A proposal was made that the committee officially become a committee assigned to the ASPRS Professional Practice Division. The name, “Licensure Exam Development Committee” was subsequently proposed, with Mike Renslow as chair. A webpage will be established for the committee on the ASPRS-PPD site.

The next Item Writing session is anticipated for the first or second week of October 2005 in conjunction with the ASPRS Fall meeting to be held in Sioux Falls, South Dakota.

Mike Renslow advised that notices would be provided in a timely fashion through email. All item bank materials were collected and secured by Dave Gibson on behalf of the CSBLSR for return and impoundment at his Florida office.

Minutes by: James R. Riney – President, CSBLSR
John R. Simmers – Director, PPD