

Pool Measurement Sub-Committee Report  
Ed Tsuzuki for Karen Tucker  
September 28, 2007

1) Follow-up survey on bulkhead pool measurement

- a) 53 LMSCs surveyed
- b) 35 Responded
- c) 30 of those who responded have pools with bulkheads
- d) 60% measured with steel tape only, 6% with laser only, 31% with both
- e) All bulkhead pools have either locking pins, a confirmation mark, or both to ensure proper placement of bulkhead for meets
- f) Variance in pool measurements is minimal or within allowable compliance when pools are measured before and after meets in accordance with USMS Rules. Some pools have been measured as many as 20 times with a variance of less than 0.5 cm

2) Recommendations

- a) Modify the rule for the measurement of bulkhead pools as follows:

*Pools with a moveable bulkhead should be measured as a permanent course and kept on file. For moveable bulkheads that do not have a permanent locking pin or mark, the length must be measured (in both outer lanes and a middle lane) before each meet and at the conclusion of each session of competition.*

*For pools with moveable bulkheads with a permanent locking pin or mark, the length must be measured before each meet. At the conclusion of each session, a responsible person must confirm the length by visually inspecting the bulkhead locking pins or markings to verify that the bulkhead has not moved from its original position and no bowing of the bulkhead exists.*

- b) Create a database on [www.usms.org](http://www.usms.org) of pools that have been certified.
  - i) This database would be maintained by the Records and Tabulation Committee and be accessible by any visitor to the website.
  - ii) The recommended fields for the database are as follows:
    - (1) LMSC (or country for future)
    - (2) Course (SCY, SCM, LCM)
    - (3) Pool name
    - (4) City
    - (5) State/Province/Region
    - (6) Date measured
    - (7) Moveable bulkhead? (Y/N)
    - (8) Pool certified with no pads? (Y/N)
    - (9) Pool certified with touch pad at one end? (Y/N)
    - (10) Pool certified with touch pads at both ends? (Y/N)
    - (11) Name and e-mail of LMSC person responsible for file updates
  - iii) The above data would be input by a data administrator via the "Top Ten Administration" section of the website
  - iv) The data could be filtered by LMSC (or country)
    - (1) The default filter would be "All"
  - v) The data could also be filtered by Course
    - (1) The default filter would be "All"
  - vi) Priority should be made for pools in the US first and then possibly expanded to outside the US.