

SNC Technical Bulletin September 29, 2010

IMPORTANT TECHNICAL INFORMATION – PLEASE READ

1. We are in the process of generating Selection Criteria for World Junior Championships; Pan American Games and Universiade 2011 – they will be posted as soon as possible. In the meantime, please note that the **2011 Spring Nationals is a trial for:** World Aquatic Championships; World Junior Championships; Universiade Games.
2. 2011 Eastern and Western Canadian Championships will remain a 3.5 day competition as opposed to changing it to a 3 day competition. We received great feedback and clearly heard that feedback. In the document entitled “2010-2011 SNC Designated Meets” published last week the change was noted there but it seems it wasn’t communicated directly. The competitions will feature all 50’s and W 1500 / M 800 – the 4 x 100 MR has been moved to Sunday evening; there will be an “A” Senior final; “A” Youth final and a “B” “*best of the rest*” final.
3. Canada Cup Toronto – we have changed the entry standards back to last year’s standards to provide a transition period to the new standards (see below). Also please note we have added LC standards for this meet.
4. 2010 – 2011 Standards are now published and are available on the SNC website. Extensive review, consultation and collaboration went into the development of these standards. The great news is our Nation is getting faster. Collectively, swimmers and coaches are moving forward in a significant manner. The reality of this progression is that standards must change. Although there has been no real movement in standards over the past 5 years, there is now hard data to show we must change. Have we taken into account the suit technology? Absolutely and again, the great news is this past year our depth performances kept progressing against the last five years! The following describes the procedure followed:

Senior Standards:

- LC standards are based on a 5 year average of 24th place at the primary LC event of the year. There are significant changes in the women's side, a few slight changes in the men's. Wherever the 5 yr average data suggested a change, results from Summer National's were referenced to validate; also National Rankings and 24th place data were referenced to determine whether the proposed change was unduly influenced by suit technology. In almost all cases the 2010 time was faster or very close to being the same as the times from suit years, so we are confident there was enough information to move the standard.
- SC standards are not a product of the LC standards - they are based either on a 5 year average of 24th place at the SC Nationals, or in the absence of SC nationals, 32nd place from the national rankings. Previous work on this comparison had found the correlation of 32nd place in rankings to 24th place at nationals to be quite strong and is the method we have used to determine SC senior standards for over 5 years. The women's SC standards change markedly in some cases, mainly backstroke – where we feel the evolution and development of the backstroke turn has made the biggest impact, not suits. Again, where a change is proposed the new times were referenced against rankings and results for verification or validity.

East / West Standards:

- When these meets were first developed the standards were generated as a percent regression of national standards. Western standards (both Senior and Youth) were the equivalent of the Youth eastern

standard. In most cases there is now enough 24th place data to begin to evolve “results generated” standards.

- *Youth Western Male standards:* several of the standards require ‘easing’ given we have rarely ever received more than 24 entries for many of the Youth Western events. A 1% addition to last year standards has been inserted to draw more swimmers into the events.
- *Senior Western Male standards:* where there is enough 24th place data there is an enhancement of standards - where there isn't, the standards stay the same.
- *Eastern standards:* there is enough 24th place data to generate performance based standards for both Senior and Youth - where there is robust information to support a change in standards, the change is proposed, where the 24th place data is weak, or where there is substantial variance in 24th place data there is no change. As above, all changes have been reviewed from a results and rankings context.
- The standards are generated SC - LC standards are a straight 2% conversion.

Age Group Champ standards:

- There is plenty of 24th place data to generate appropriate standards for this meet. The Girl's standards in general do not show much need for changing - there is substantial change on the Boy's side.
- A comprehensive review of competition data has been done and we do not believe there is a significant suit factor at play in the Age Group Champ results.
- The standards are generated LC - the conversion used to generate the SC standards is 2.5% (which has been the standard application since the inception of the competition).