August 1, 2004

## PROPOSAL FOR REGIONAL MEMBERS AT LARGE

Establishing Threshold-Percentages

This is an addition to submission #199 and concerns the selection of thresholdpercentages which trigger award of regional-based seats.

The choice of percentages may be simplified to a selection of multiples of a digit from 2 to 9. A reasonable fit can invariably be found with one of these numbers for any size of jurisdiction and region design. The number chosen is the one which would provide the best proportional fit with respect to variation of region size and also provide the desired number of threshold-levels. Leap-frogging of multiples of the selected digit can be employed as necessary to achieve the most proportional correct result. Example 2 of submission #199 is used to illustrate this procedure as follows

Jurisdiction With 7 Regions and 100 Ridings

. Ridings # Threshold-Levels Threshold - Percentages

5	1	6%			
9	2	6%	18%		
11	2	6%	18%		
15	3	6%	12%	24%	
16	3	6%	12%	24%	
19	4	6%	12%	18%	30%
25	5	6%	12%	18%	24% 30%
100					

The following criteria were used for the assignment of threshold percentages in this example. Legislators may choose or reject one or more as they see fit.

i) Numbers are chosen for simplicity, clarity, and elegance.

ii) The initial threshold level is the same for all regions regardless of size.

iii) Percentages selected above the initial level are based on proportional correctness and fairness relative to other regions.

iv) Utilization is made of most of the range of percentage-vote which is effective in remedying mis-proportionality of riding-based results.