



International Programme 2012

Open / Women / Senior

Bulletin Three / Section B

20 December 2011 REVISED

NZ Bridge 2012 International Trial – Datum Calculations

Background

NZ Bridge has formed 3 squads comprising eligible Pairs who wish to contest the World Mind Sports games in the Open, Women and Senior categories. The teams for each category will comprise 3 pairs together with a reserve pair and non-playing captain.

Pairs who are selected to a squad are required to contest the South Island, Centre Island and North Island Teams Tournaments (subject to the following policy covering non-participation as advised in International Program 2012 - Bulletin 2, 6th December 2011)

- (a) Where there is a medical reason acceptable to the Selectors it should be supported by a medical certificate from a doctor or specialist.*
- (b) That pair would not be eligible to win automatic selection as first pair but would still be eligible for selection.*
- (c) Any pair unable to participate in two events may still be eligible for selection provided they meet the requirements of (d) below.*
- (d) Where other exceptional reasons exist for non-attendance such as death in the family then those would be considered by the Selectors on a case by case basis.*

Pair performances against Datum will form the basis for selection as set out below.

The Selectors will arrange squad members into Teams for the three events. It is likely that the Team membership will be altered from one event to the next and it may be that Teams will be made up of pairs from different categories.

The first placed pair in each category who play in ALL three events will be automatically selected to the NZ Team for that category and the 2nd/3rd and Reserve pairs will be chosen by the Selectors at their sole discretion. In exercising their

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discretion datum results will be merely one of a number of factors to be considered and it will be totally up to the selectors as to how much weight those results are given.

North/Centre/South Island Event Format

Day 1

This will be contested as a 6-round Swiss comprising 12 board matches, with a seeded draw for the initial round.

The top 4 teams will qualify for the Final; teams placed 5-8 will qualify for the Plate; remaining teams will play in the Consolation.

Day 2

The Final and Plate will be contested as a round-robin of 3x16-board matches. The Consolation will continue the Swiss with 4x12 board matches.

Ranking of Pairs

The ranking of pairs in each category will be based on Total Imps against Datum, summed across all 3 events, subject to the Datum Calculations and Day 2 Datum Adjustments as described below.

Datum Calculations

Day 1

(a) Results excluded

The following 'n' top and bottom results will be excluded (based on the number of teams contesting the event)

Tables	Exclude 'n' top/bottom results
1-6	0
7-12	1 (i.e. 2 results excluded)
13-18	2 (i.e. 4 results excluded)
19-24	3 (i.e. 6 results excluded)
25+	4 (i.e. 8 results excluded)

(b) The Datum for each board will be the mean of the result at included tables, rounded up to the nearest 10.

Day 2

(a) The Datum shall be based on the results of the 8-tables comprising the Final and Plate sections

(b) All results from these tables shall be included **except** that any single result which is more than 800 from the next nearest result will be excluded. Worked examples below:

(i) If the scores are: 2210, 1430, 1430, 680, 680, 680, -100, -200: All results are within 800 of nearest result so all count

(ii) If the scores are: 2210, 2210, 680,680,680,680,-200,-200: All results are within 800 of nearest result so all count

(iii) If the scores are: 2210,680,680,680,680,680,680,-200: The 2210 and -200 results will be excluded

(c) The Datum for each board will be the mean of the result at included tables, rounded up to the nearest 10.

Day 2 Datum Adjustments (Revised 18 Dec 2011)

An adjustment will be applied to Day 2 imps earned against datum to reflect the relative strength of the opposition faced by pairs playing the in Final vs Plate vs Consolation. The adjustment will be a number of imps added to or subtracted from each pairs Day 1 total, calculated as follows based on Day 1 performance:

Let FIMP = mean imps scored against datum per pair on Day 1 for the pairs making up the 4 teams in the final

Let PIMP = mean imps scored against datum per pair on Day 1 for the pairs making up the 4 teams in the plate

Let CIMP = mean imps scored against datum per pair on Day 1 for the pairs making up the top 8 teams in the consolation

Pairs playing in the Final will be given a Day 2 Datum Adjustment of $(FIMP - PIMP) \times (48/72)$ imps (a positive adjustment)

Pairs paying in the Plate will get no adjustment.

Pairs playing in the Consolation will be given a Day 2 Datum Adjustment of $(CIMP - PIMP) \times (48/72)$ imps (a negative adjustment)

Worked example below:

FIMP = 72 (i.e. 1.00 imp/bd average)

PIMP = 28 (i.e. 0.39 imp/bd average)

CIMP = 2 (i.e. 0.03 imp/bd average)

Pairs playing in the Final will be given a Day 2 Datum Adjustment of $(72-28) \times (48/72) = +29.3$ imps

Pairs playing in the Plate will be given a Day 2 Datum Adjustment of 0 imps

Pairs playing in the Consolation will be given a Day 2 Datum Adjustment of $(2-28) \times (48/72) = -17.3$ imps

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