MOV = margin of victory (eg 6:32 - 6:14 🡪 MOV = 18)

U = upset status (True or False)

ΔELO = relative elo rating (ELO1 – ELO2)

BV = boat value (eg V8 – 2, 2V8 – 1.5, V4 – 1, 3V – 0.8, 1F – 0.7)

WWA = Weather-Weight Adjustment (Formula yet to be derived)

If not U:

points earned winner = MOV\*30\*BV/ΔELO

points earned loser = BV\*ΔELO/(0.5\*MOV^2)

If U:

points earned winner = MOV\*4\*BV/ ΔELO

points earned loser = (ΔELO-10)\*MOV\*BV

Tests:

Brown v Washington April 4th 2015:

Washington: 5:32.5 Washington ELO: 1430

Brown: 5:36.7 Brown ELO: 1398

MOV = 4.2, U = False, ΔELO = 32, BV = 2

Washington Points = 4.2\*30\*2/32 = 13.125

Brown Points = 2\*32/(4.2\*5) = 7.256