Grand Slam - Session 28

The Australian Open is always one of the highlights of the year, as all players want to make a positive start to the new year. Obviously the tournament was packed again, with 23 participants. Marseille had much less entries, but the indoor players couldn't care less, as they finally had a chance again to show the audience their best tennis.

Board announcements

This time I received orders from all managers, although some were weeks late. Luckily for them, Daniël was also missing lots of orders and I could just wait for all orders to get in before calculating the results. I can't be this flexible all the time, as both Daniël and me sometimes have to keep a tight schedule to get a new Friends out. The good news is that only one order contained a mistake.

Retirements

As expected, Jet-net-niet decided not to quit after all, but have another go at the Australian Open. The two oldest players in the circuit threw the towel this time. Both players made quite some impact on the circuit with fine tournament wins and high positions in the rankings. They will be missed.

Player	Manager	Trnm	Sngl plyd	Sngl won	Top rank	Dbl plyd	Dbl won
Grant Berevel	Edu	21	50	32	1 (18)	43	26
Very Fierce	Gerlof	22	57	37	2 (17)	38	19

Grant Berevel

He made his debut at Wimbledon 2005, but in his first year he only made some small impression in the doubles. His big year was 2006, when he topped the ATP ranking twice. Being a grass specialist, he did it in style by winning both Queens and Wimbledon. At the end of the year he was invited for all bonus tournaments. He did not win a single match in the ATP Masters, or the ATP Doubles Masters, but won the Grand Slam Cup in an impressive way. He reached the number 9 position in the 2006 all-time top 100. After that his age slowly sent him down the rankings, yet he managed to reach the doubles final in his last tournament.

Year	Winner	Runner-up	Semi finalist
2005	St. Petersburg (d)		Guadelajara (d)
2006	Queens	Rotterdam	Rotterdam (d)
	Wimbledon	Guadelajara	Hamburg
	Tokyo (d)		Queens (d)
	Paris Bercy (d)		Wimbledon (d)
	Grand Slam Cup		Paris Bercy
2007	Australian Open (d)	Doha	Casablanca (d)
	Casablanca		
2008		Auckland (d)	

Very Fierce

Fierce made her debut at the Roland Garros tournament in 2005 and immediately reached the semi finals in the doubles. At the end of that year in Gudealajara he made his first appearance in a semi final in the singles. Reaching all 4 finals in the 2006 editions of Guadelajara and Roland Garros, she became one of the top players. Unfortunately she lost the most important of these 4 finals, but made up by winning the Tokyo tournament. She did well at the invitational tournaments as she came close to winning the ATP Masters and the Grand Slam Cup. In the all-time top 100 of 2006, she landed in the 10th position. 2007 was not a very good year as Fierce quickly dropped down in the rankings. Still she is one of the best players not to have reached the number 1 position.

Year	Winner	Runner-up	Semi finalist
2005	's Hertogenbosch (d)		Roland Garros (d)
			Bucharest (d)
			Guadelajara
2006	Roland Garros (d)	Hamburg	Monte Carlo (d)
	Tokyo	Roland Garros	Grand Slam Cup
	Guadelajara	Bucharest (d)	
	Guadelajara (d)	ATP Masters	
2007			Auckland
			Auckland (d)
			Monte Carlo
2008		_	

Both players met each other a couple of times on the tour. The first time was in the semi final of Hamburg in 2006. Fierce won, and both players entered the top 10 after that tournament. Just 2 sessions later, they were ranked 1 and 2 in the world ranking after Fierce's semi final in Roland Garros and Berevel's title in Wimbledon. They met again in the final of Gudelajara at the end of 2006, and again Fierce won. In the second round of the Australian Open 2007, they met for the third time, and again Fierce was the winner. In the doubles they only met once, in St. Petersburg 2005. Berevel won and went on to win the tournament.

Results

Australian Open singles - 23 contestants

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      Round 1:

      Edika (GVT)
      - Boris (TKK)
      6-2 3-6 6-2 6-7 1-6

      Micha Wel-Ja (GPE)
      - Tom Knokker (HVR)
      6-0 6-1 4-6 3-6 6-3

      Little Hiawatha (MFL)
      - Speedy Gonzales (HVR)
      1-6 6-4 6-0 4-6 7-6

      Szeli (VEA)
      - Sanne Kromdijk (SBA)
      6-1 5-7 5-7 1-6

      Gucky (EHN)
      - Jet-net-niet (JSK)
      6-2 2-6 6-3 5-7 1-6

      Nijntje (YHN)
      - Terror (ISL)
      6-0 3-6 7-6 7-5

      Rie Hangzalm (EKR)
      - Slate Jonathan (GTH)
      2-6 2-6 6-4 6-4 5-7
```

Some tight matches in the first round and a nice win for newcomer Micha Wel-Ja. Top 10 players Edika and Rie Hangzalm were eliminated early and especially hardcourt specialist Hangzalm was very disappointed with this result. Young talent Little Hiawatha surprised the audience by eliminating another top 10 player, clay specialist Speedy Gonzales.

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Round 2:

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Liam Raccoon (MFL,1) - Marian Bruinsma (SBA) 5-7 2-6 6-1 1-6
Boris (TKK) - Micha Wel-Ja (GPE) 4-6 6-3 2-6 7-5 7-5
Little Hiawatha (MFL) - Al Pacino (MPY) 1-6 1-6 7-6 6-1 6-0
Guus Geluk (RHN) - Pete Pampers (DHN,4) 4-6 6-1 6-4 4-6 3-6
Marjo-op-de-Lijn (JSK,3) - Prince Corum (CTR) 6-1 6-0 3-6 6-4
Sanne Kromdijk (SBA) - Jet-net-niet (JSK) 4-6 6-2 6-2 1-6 1-6
Charles Bronson (MPY) - Nijntje (YHN) 0-6 1-6 5-7
Slate Jonathan (GTH) - Toon Schildpad (RHN,2) 4-6 3-6 6-1 5-7
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Although Liam Raccoon is not very fund of playing hardcourt tournaments, his elimination by Marian Bruinsma was a big shock. The ease in which Bruinsma cruised to a victory in 4 sets proves that Raccoon still has a lot of work to get into form for the Roland Garros tournament. The remaining seeded players al got through to the quarter finals, although it took Pampers the full 5 sets to polish off Geluk. Jet-net-niet still does not regret her decision to stay on the tour after beating Sanne Kromdijk. Nijntje had no trouble at all eliminating Bronson.

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Quarter final:
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Marian Bruinsma (SBA) - Boris (TKK) 6-1 1-6 3-6 7-5 1-6 Little Hiawatha (MFL) - Pete Pampers (DHN,4) 1-6 5-7 6-1 4-6 Marjo-op-de-Lijn (JSK,3) - Jet-net-niet (JSK) 7-5 7-5 7-5 Nijntje (YHN) - Toon Schildpad (RHN,2) 7-5 3-6 6-1 2-6 2-6
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This time Marjo-op-de-Lijn did not make any mistake and beat team-mate Jetnet-niet very convincingly. The match between Little Hiawatha and Pete Pampers was also rather one-sided as the experienced hardcourt player used the chances he got in a very effective way. Toon Schildpad completed the good run of the seeded players by a well-earned, but not very simple, win against Nijntje. The three are joined in the semi finals by Boris, who ended Bruinsma's fairytale.

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Semi final:

Boris (TKK) - Pete Pampers (DHN,4) 1-6 6-1 6-3 5-7 6-7

Marjo-op-de-Lijn (JSK,3) - Toon Schildpad (RHN,2) 3-6 3-6 6-3 7-5 6-4
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Two very spectacular semi finals brought the crowd to the tips of their seats. In the first match, Boris came very close to an upset win over Pampers. After getting up two sets to one, the final two sets were real thrillers. Again the experience of Pampers became very handy in the deciding moments. Toon Schildpad won the first 2 sets and was well underway to beat last year's winner, but Op-de-Lijn fought back in an impressive way.

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Final:

Pete Pampers (DHN,4) - Marjo-op-de-Lijn (JSK,3) 6-2 2-6 2-6 6-7
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After the retirements of Fierce and Berevel, Pete Pampers is one of the oldest players on the tour. This didn't show at all in the first set, when Pampers hammered away one winner after another and convincingly took the lead. As a reaction Marjo-op-de-Lijn dug into the match and played far better during the next 2 sets that were easily won. Pete pampers therefore had to win the fourth set and it went all the way to the tie break. Marjo-op-de-Lijn held her nerves a bit better and managed to win the Australian Open for the second time in a row.

Australian Open doubles

Round 1:		
Raccoon / Local Hero Schildpad / Wel-Ja Hangzalm / Bronson Op-de-Lijn / Corum Quarter final:	- Pacino / Terror - Net-niet / Gucky - Nijntje / Bruinsma - Edika / Knokker	6-4 2-6 5-7 6-3 6-2 5-7 6-2 6-7 5-7 1-6 2-6 6-4 7-5 6-1 4-6 6-7 4-6
Raccoon / Local Hero Hangzalm / Bronson Geluk / Boris Pampers / Hiawatha	- Net-niet / Gucky - Kromdijk / Jonathan - Edika / Knokker - Gonzales / Szeli	7-6 7-6 6-4 2-6 1-6 7-6 6-3 6-4 6-4 6-1 1-6 5-7 6-2 4-6 1-6 7-6 6-3 6-3
Semi final:		
Raccoon / Local Hero Geluk / Boris	- Hangzalm / Bronson - Pampers / Hiawatha	6-1 6-3 5-7 3-6 5-7 5-7 6-1 3-6 6-7
Final:		
Hangzalm / Bronson	- Pampers / Hiawatha	1-6 7-5 6-3 7-6

Another final for Pete Pampers who may decide to play another few tournaments. Some recover from Liam Raccoon as well, but the title goes to the couple of Hangzalm and Bronson. For Hangzalm this was important, as she was close to dropping in the rankings. For Charles Bronson this was even more important, as it was his first tournament win.

Marseille singles - 13 contestants

Round 1:

Simba (TKK,1)	- Eric of Melnibone (CTR)	1-6 7-6 4-6 6-0 6-0
Sharapofi (VEA)	- Leanne (RMG)	6-1 6-1 5-7 0-6 2-6
Marcel Gotlib (GVT)	- Mike Jansen (GTH,4)	5-7 7-5 3-6 7-5 5-7
Pluis (YHN,3)	- Pim Pleisters (GPE)	1-6 3-6 7-6 6-7
Jannie Baksmurfje (EKR)	- Slim Koerier (DHN,2)	6-7 6-3 6-4 6-7 5-7

World number one Simba is the big favourite to win this tournament on his favourite surface. He was however nearly surprised by young Eric of Melnibone. Melnibone failed to win the important tie break in the second set and Simba wrapped up the match easily in the final 2 sets. Indoor specialist Pleisters eliminated the seeded Pluis in 4 sets. The other seeded players also had difficult matches: Koerier nearly went out to newcomer Baksmurfje and Mike Jansen had to play 5 close sets against the experienced Marcel Gotlib.

Quarter final:

Simba (TKK,1)	-	Leanne (RMG)	5-7 6-1 4-6 5-7
Mila Vandemar (EHN) -	Mike Jansen (GTH,4)	6-3 7-6 1-6 7-5
Pim Pleisters (GPE) -	Hoppa jr. (ISL)	7-6 3-6 7-6 6-2
Joran (RMG)	_	Slim Koerier (DHN,2)	7-6 6-0 6-4

An excellent session for manager Meulenberg as his allround tennis players showed that they can win anywhere against anyone. In the first round, Simba already was in trouble and this time he was eliminated easily by Leanne. Joran needed even less time to polish off Slim Koerier. Another allrounder, Mila Vandemar, beat Mike Jansen in 4 sets and so the tournament continues without any of its seeded players. Indoor specialist Pim Pleisters suddenly is the favourite to win this tournament after winning a close match against Hopp jr.

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Semi final:

Leanne (RMG) - Mila Vandemar (EHN) 1-6 2-6 6-1 7-5 6-2 Pim Pleisters (GPE) - Joran (RMG) 2-6 2-6 6-1 6-2 6-2

Mila Vandemar started well against leanne and won the first 2 sets. The battle between the allrounders continued as Leanne was able to win the next 2 sets and set the game up for a grand finale. Vandemar did not get any grip on Leanne's play in this final set, so that's one of Ronald's tennis players through to the final. Joran used a different strategy and took the first 2 sets against Pim Pleisters. After that, the indoor specialist found her best form and spoiled the party for manager Meulenberg.

Final:

Leanne (RMG) - Pim Pleisters (GPE) 3-6 3-6 7-5 6-4 2-6

For both players this was the first appearance in a singles final. Pim Pleisters obviously was the favourite for winning the title, but Leanne played some good tennis throughout this tournament and was not keen on loosing this final. Pleisters took the first two sets and seemed well underway to a simple victory when Leanne fought back to take the next two. Would another upset be possible? Not this time, as Pleisters was much stronger in the final set and won her first title. Manager Pielage will be very happy with this win, shortly after Fierce's retirement.

Marseille doubles

Quarter final:

Vandemar / Joran - Pleisters / Sharapofi 6-3 6-4 1-6 6-4
Pluis / Melnibone - Simba / Local Hero 6-4 4-6 6-4 4-6 4-6
Leanne / Gotlib - Jansen / Hoppa 4-6 4-6 6-7

Semi final:

Vandemar / Joran - Simba / Local Hero 6-1 7-6 1-6 6-7 1-6
Koerier / Baksmurfje - Jansen / Hoppa 6-2 1-6 1-6 6-3 6-3

Final:

Simba / Local Hero - Koerier / Baksmurfje 1-6 6-1 6-1 4-6 7-5

The Grand Slam Tennis Board obviously was very pleased to see its own random generated Local Hero win the doubles of Marseille. It was Simba however who played the winning shots in all matches and recovered somewhat of his dreadful performance in the singles. Jannie Baksmurfje makes it to the final of her very first tournament. Pim Pleisters was nowhere to be seen.

World ranking

		Marjo-op-de-Lijn (6, Hardcourt) Simba (12, Indoor)	Jerry Struik Taco Kraijenbrink	125,6479 124,0465
3.	(3)	Toon Schildpad (10, Hardcourt)	Richard Hogetoorn	119,5218
		Pete Pampers (17, Hardcourt)	Daniël Hogetoorn	117,5806
5.	(2)	Liam Raccoon (17, Clay)	Michael Frenzel	116,7735
6.	(8)	Rie Hangzalm (9, Hardcourt)	Edu Keijser	114,5033
7.	(6)	Slim Koerier (11, Clay)	Daniël Hogetoorn	113,7490
8.	(7)	Edika (6, Allround)	Gerard Voorintholt	112,7728
9.	(22)	Pim Pleisters (9, Indoor)	Gerlof Pielage	111,8545
10.	(12)	Nijntje (16, Hardcourt)	Yvonne Hogetoorn	111,1523
11.	(11)	Guus Geluk (10, Hardcourt)	Richard Hogetoorn	111,1171
12.	(13)	Mike Jansen (3, Clay)	Gina Teh	110,8874
13.	(21)	Leanne (7, Allround)	Ronald Meulenberg	110,8537
14.	(16)	Jet-net-niet (6, Hardcourt)	Jerry Struik	109,6985
15.	(10)	Speedy Gonzales (13, Clay)	Herman Visser	109,4774
16.	(15)	Sanne Kromdijk (6, Hardcourt)	Sikko Bruinsma	109,4582
17.	(18)	Slate Jonathan (3, Hardcourt)	Gina Teh	108,7675
18.	(27)	Boris (17, Hardcourt)	Taco Kraijenbrink	108,7160
		Pluis (16, Allround)	Yvonne Hogetoorn	108,2497
20.	(14)	Al Pacino (13, Clay)	Mike Parnaby	108,1333
21.	(20)	Mila Vandemar (16, Allround)	Erik Hogetoorn	107,9282
22.	(26)	Marian Bruinsma (5, Allround)	Sikko Bruinsma	107,8641
23.	(29)	Joran (7, Allround)	Ronald Meulenberg	107,3864
24.	(23)	Sharapofi (10, Clay)	Várdai Erika	106,8403
25.	(17)	Gucky (16, Hardcourt)	Erik Hogetoorn	106,8053
26.	(19)	Terror (14, Clay)	Ivan Stijckel	106,2544
27.	(32)	Charles Bronson (3, Clay)	Mike Parnaby	105,9884
28.	(25)	Marcel Gotlib (11, Grass)	Gerard Voorintholt	105,6573
29.	(28)	Szeli (10, Hardcourt)	Várdai Erika	105,0529
30.	(35)	Little Hiawatha (3, Clay)	Michael Frenzel	104,5905
31.	(31)	Hoppa jr. (7, Allround)	Ivan Stijckel	104,2160
32.	(33)	Tom Knokker (6, Hardcourt)	Herman Visser	103,4011
33.	(34)	Eric of Melnibone (2, Grass)	Chris Tyler	101,9065
34.	(-)	Micha Wel-Ja (1, Hardcourt)	Gerlof Pielage	101,4634
35.	(-)	Jannie Baksmurfje (1, Indoor)	Edu Keijser	101,0731
36.	(36)	Prince Corum (2, Hardcourt)	Chris Tyler	100,7813

As Simba and Raccoon both played disappointing tournaments, the top spot on the ranking was up for grabs. It was rightfully taken by Marjo-op-de-Lijn after claiming her second victory at the Australian Open. Pete Pampers did well to stay high in the ranking and another older player, Nijntje, managed to enter the top 10 again. Teammate Pluis however dropped 10 places in this ranking that has a lot of changes. Pleisters, Leanne and (surprisingly enough) Boris won a lot of places. Meanwhile Prince Corum is still waiting on his breakthrough.

Other rankings

As usual at the start of the year, the other rankings have completely changed again. Given her age, Marjo-op-de-Lijn can become the next great player. And there is a small surprise for Mike Parnaby as well.

Champ	pion's race		ATP doubles master	
1. M	Marjo-op-de-Lijn (JSK)	10,60	1. Charles Bronson (MPY)	4,50
2. F	Pete Pampers (DHN)	10,00	2. Rie Hangzalm (EKR)	4,10
3. J	Jet-net-niet (JSK)	9,00	3. Guus Geluk (RHN)	3,75
4. T	Toon Schildpad (RHN)	6,80	4. Pete Pampers (DHN)	3,45
5. E	Edika (GVT)	6,00	5. Gucky (EHN)	3,05
F	Pim Pleisters (GPE)	6,00	Little Hiawatha (MFL)	3,05
S	Simba (TKK)	6,00	Slate Jonathan (GTH)	3,05
8. E	Boris (TKK)	5,60	8. Slim Koerier (DHN)	2,80
9. 8	Slate Jonathan (GTH)	5,20	9. Simba (TKK)	2,60
10. I	Leanne (RMG)	4,80	10. Boris (TKK)	2,35
N	Nijntje (YHN)	4,80	Nijntje (YHN)	2,35

Statistics

The useless statistics of this session focus on the two great players that left the tour. How good have Grant Berevel and Very Fierce actually been, compared to the greatest players of all-time?

Numbe	Number of matches won (singles) (doubles)							
1.	Jacco Kraijmerink	51	1.	André Franquin	32			
2.	Fred van der Ven	46	2.	Grant Berevel	26			
3.	André Franquin	40		Dennis Opschepper	26			
4.	Very Fierce	37	4.	Torbellino	25			
5.	Richard Koeverhuis	35	5.	Richard Koeverhuis	22			
6.	Torbellino	34	6.	Just In	21			
7.	Goofy	33		Jacco Kraijmerink	21			
8.	Grant Berevel	32		Nijntje	21			
9.	Laura Pausini	31	9.	Bob de Lob	20			
10.	Donald Duck	28		Boris	20			
			11.	a.o. Very Fierce	19			

Boris and Nijntje are both still active and already in the top 10 for the doubles. Fierce and Berevel rank high, but obviously they played a lot of matches as well. How well do they do when we take that into account for the singles.

Singles matches played /	singles matches won	
1. Laura Pausini	Rolf Appel	81,58 %
2. Fred van der Ven	Harmen Bangma	80,70 %
3. Marjo-op-de-Lijn	Jerry Struik	80,00 %
4. Jacco Kraijmerink	Sikko Bruinsma	77,27 %
5. Simba	Taco Kraijenbrink	72,73 %
6. André Franquin	Gerard Voorintholt	70,18 %
7. Goofy	Richard Hogetoorn	68,75 %
8. Toon Schildpad	Richard Hogetoorn	65,22 %
9. Pete Pampers	Daniël Hogetoorn	65,12 %
10. Very Fierce	Gerlof Pielage	64,91 %
11. Jet-net-niet	Jerry Struik	64,29 %
12. Liam Raccoon	Michael Frenzel	64,10 %
<pre>13. Grant Berevel</pre>	Edu Keijser	64,00 %
14. Maurice Tillieux	Gerard Voorintholt	63,41 %
15. Slate Jonathan	Gina Teh	62,50 %
Richard Koeverhuis	Sikko Bruinsma	62,50 %

Still there, but not nearly as good as former toppers Pausini and van der Ven. What about Marjo-op-de-Lijn though? Already world's number one after just a few tournaments and right in there between all the big names in Grand Slam history when it comes to the success rate in the singles.

Just one more list in which both players appear:

Number of finals played	(singles + doubles)	
1. André Franquin	Gerard Voorintholt	16
2. Jacco Kraijmerink	Sikko Bruinsma	15
3. Fred van der Ven	Harmen Bangma	14
4. Grant Berevel	Edu Keijser	11
5. Liam Raccoon	Michael Frenzel	9
6. Pete Pampers	Daniël Hogetoorn	8
Very Fierce	Gerlof Pielage	8
Laura Pausini	Rolf Appel	8

Next session

The hardcourt specialists will head for the Middle east to participate in the Dubai Desert Classic. This tournament has only been held in 2005 and was won by Bob de Lob in a final against Clio (the former teammate of Boris). De Lob also won the doubles together with Richard Koeverhuis.

And there is another chance for the indoor players to demonstrate their skills at the tournament of Rotterdam. This tournament is part of the tour since 2005. In 2005 indoor specialist Miranda de la Vega won against André Franquin. A year later, André Franquin was in the final again and this time he was successful against Grant Berevel. For some reason the tournament was skipped in 2007.

New managers may think up the names of 2 tennis players and choose their favourite track type. This new players will start with 100 strength points and can play immediately. Existing managers can look up the strength of their tennis players in the world ranking. Only the amount before the comma can be used. Alternatively they may replace one or both existing players by new players applying the same rule that is used for new managers. An existing player can be replaced as soon as he participated in 5 tournaments.

Game orders by e-mail to: zoltanh@planet.nl

Tournaments

Rotterdam Dubai

ATP tournament ATP tournament

Indoor Hardcourt

Singles factor: 0,75

Doubles factor: 0,25

Singles factor: 0,75

Doubles factor: 0,25

The deadline for next session is:

Central Europe: February 29th, 22:00 CET, or

• United Kingdom: February 29th, 21:00 GMT, or

• Singapore: February 28th, 05:00 SST

Remember the track type bonuses!

Tournament track type	Grass	Clay	Hardcourt	Indoor
Favourite track type				
Grass	+10	0	-5	-5
Clay	-5	+10	0	-5
Hardcourt	-5	-5	+10	0
Indoor	0	-5	-5	+10
All-round	0	0	0	0

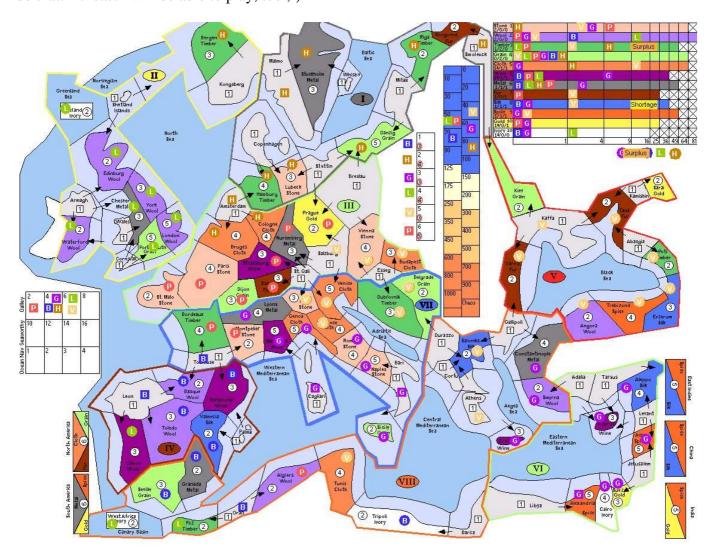
Look up your player's favourite track type on the left, and then find the column listing the track type of the tournament you want to enter. The selected cell will show how many points you may add to, or have to deduct from your player's strength.

AGE OF RENAISSANCE

United Friends game #1

On January 7, 2007 I started GM-ing a game of Age of Renaissance. It was meant as a test to publish the game in United Friends when successful. And it is. The players and I are very enthusiastic about the system. However, the game is not really played by e-mail alone. There's also a game forum and a card tracker website involved.

Who's interested in following the detailed game process, have a look at http://acts.warhorsesim.com/, make an account and watch the game named "United Friends #1". Besides this website the GM has to provide the players with extra information. From now on I will publish the current situation and the map in United Friends. I also opened a waiting list. Who likes to play, please let me know. I will start another game as soon as I receive sufficient participants. If somebody likes to GM a game, he's also welcome to do that. At least I will be able to play, too;-)



End of turn 3	Barcelona Richard	Parijs Jerry	Venetië Rob	Genua Bas	Londen Gerlof	Hamburg Zoltan
Turn Start Cash	68\$	102\$	105\$	108\$	94\$	69\$
Available Tokens	33	36	33	33	36	33
Ordered Tokens	33	30	33		30	33
Written Cash	\$	\$	\$	\$	\$	\$
Current Cash	68\$	Ψ 102\$	105\$	108\$	94\$	69\$
Cards in Hand	3	2	5	0	1	1
Shipping	4	2	6	4	6	4
Domination Centers	7	10	15	14	10	8
Advances	100	50	150	80	150	180
	70	50 50	40	60	50	
Misery	-				+	80
Score	98	102	215	128	194	179
A: The Heavens		Advan X	X		X	
B: Human Body		^	^		^	
C: Laws of Matter						
D: Enlightenment			V		- V	
E: Patronage	X		X	.,	X	X
F: Holy Indulgence				X		X
G: Proselytism						
H: Cathedral						
I: Caravan		X				X
J: Wind/Watermill						
K: Improved Agriculture						
L: Interest & Profit						
M: Industry						
N: Written Record	X		X		X	X
O: Printed Word						
P: Master Art						
Q: Renaissance						
R: Overland East	X		X		X	X
S: Seaworthy Vessels						
T: Ocean Navigation						
U: New World						
V: Urban Ascendancy			X	Х	Х	
W: Nationalism						
X: Institutional Research						
Y: Cosmopolitan						
Z: Middle Class						
		Commodity	Summary			
Stone		3	2	2		1
Wool	2	1	1	1	4	
Timber (surplus)		1	2	=	1	3
Grain	1	1	1	1	1	1
Cloth	1 -	<u> </u>	4	1		2
Wine	1	1	· ·	3	1	_
Metal	1	1		2	1	1
Fur		<u>1</u> 1	2		†	
Silk (shortage)	1	<u> </u>	2	1		
	1		1	1		
Spice	1		1	1	2	+
Ivory	1	1				
Gold		1		1		