

Saturday 12:30 PM

Prize Payouts By Place -- Handicap Result **Doubles**

Place	Team Name	Series HDCP	Prize Amount
1	T. Nicholas/B. Herald	1507	1000.00
2	P. Japenga/M. Japenga	1487	700.00
3	T. Klein/K. Hoge	1477	550.00
4	B. Fox/R. Battazzi	1458	450.00
5	B. Mason/M. Bowe	1442	400.00
6	S. Clark/L. Clark	1439	350.00
7	C. Peters/A. Peters	1438	325.00
8	L. Christensen/B. Slama	1437	300.00
9	M. Floen/B. Floen	1427	275.00
10	W. Hochstein/R. Wiebelhaus	1418	250.00
11	J. Nygaard/M. Kruse Jr	1411	225.00
12	J. Hepp/J. Polreis	1408	200.00
13	B. Denklau/M. Denklau	1407	190.00
14	M. Herke/T. Looock	1404	180.00
15	A. Ijams/C. Drewes	1398	170.00
16	L. Christensen/A. Christensen	1397	160.00
17	L. Sik/J. Swanson	1396	150.00
18	A. Christensen/T. Maas	1394	145.00
18	R. Disbrow/J. Disbrow	1394	145.00
20	J. Fuller/S. Fuller	1390	140.00
21	D. Schaffer/J. Olund	1388	136.00
22	T. Beza/D. Bargholz	1386	132.00
23	J. Steichen/G. Hagerty	1384	128.00
24	D. Winter/M. Peirce	1380	124.00
25	J. Skaurud/K. Berg	1379	120.00
26	M. Olen/L. DeBoer Jr.	1378	117.50
26	T. Geerdes/W. Geerdes	1378	117.50
28	M. VanDeventer/J. Nygaard	1376	115.00
29	M. Roiger/T. Davis	1370	112.50
30	D. Smith/J. Smith	1369	110.00
30	C. Jastram/E. Doppenberg	1369	110.00
30	B. Amidon/S. DeVries	1369	110.00
33	L. Miller/B. Busch	1368	108.00
34	T. Woodworth/L. Eide	1367	106.00
35	B. Van Dam/D. Post	1359	104.00
36	G. Moeller/K. Johnson	1358	102.00
36	C. Black/D. Winter	1358	102.00
36	B. Grafing/G. Byllesby	1358	102.00
39	P. Knopf/J. Tripp	1356	100.00
40	J. Thompson/B. Koinzan	1355	98.00
40	T. Richardson/R. Wittmaack	1355	98.00
42	M. Larson/L. Larson	1353	96.00
43	J. Polreis/M. Olen	1351	94.00
43	F. Salfer/J. Enter	1351	94.00
43	M. McCartney/T. Vifquain	1351	94.00
46	D. Gran/R. Beckler	1350	92.00
46	J. Disbrow/L. Eide	1350	92.00
48	C. Hough/N. Waldhauser	1349	90.00
49	C. Odegard/L. Lanz	1348	88.00
49	M. VanDeventer/J. Hepp	1348	88.00
49	J. Dewey/J. McClellan	1348	88.00
52	B. Peterson/K. Hintze	1347	86.00
53	K. Crees/K. Strube	1346	84.00
54	A. Eastaman/B. Eastman	1344	82.00
54	C. Carman/T. Skadsen	1344	82.00
56	K. Strube/J. Whitacre	1342	80.00
56	J. Loutsch/M. Wurth	1342	80.00
58	D. Brady/D. Potratz	1341	79.00
59	A. Loucks/S. Loucks	1340	78.00
59	H. Clark/A. Clark	1340	78.00
61	T. Anderson/R. Tow	1339	77.00
62	B. Struthers/T. Maus	1338	76.00
62	J. Hepp/J. Hawkinson	1338	76.00

Place	Team Name	Series HDPCP	Prize Amount
64	D. Ludwig/D. Konda	1337	75.00
64	Z. Schleining/K. Schleining	1337	75.00
64	N. Esau/R. Wilson	1337	75.00
67	J. Watkins/R. Moritz	1336	74.00
68	N. Fuller/J. Pruitt	1334	73.00
69	S. Nagorske/J. Owen	1333	72.00
70	D. Watkinson/R. Hamar	1331	71.00
71	D. Sayaloune/V. Sayaloune	1330	70.00
72	T. Sayaloune/R. Hamar	1327	69.50
73	M. Larsen/D. Wieman	1326	69.00
73	D. Johnson/P. Barrie	1326	69.00
75	R. Spiegel/L. Unruh	1325	68.50
75	A. Wendt/M. Bylander	1325	68.50
77	J. Duenow/J. Telecky	1323	68.00
77	D. Bishop/M. Dellman	1323	68.00
77	I. Hill/D. Wegner	1323	68.00
80	R. Jaques/C. Thompson	1322	67.50
80	B. Bleick/M. Sandberg	1322	67.50
80	L. Aho/M. Kemper	1322	67.50
80	J. Petit/W. Burnette	1322	67.50
80	K. Frederick/M. Anderson	1322	67.50
85	R. Spiegel/M. Thompson	1321	67.00
85	R. Kluin/L. Kluin	1321	67.00
87	D. Paluch/R. Lawrence	1320	66.50
88	N. Juhlin/B. Flindt	1318	66.00
88	G. Guither/R. Janssen	1318	66.00
90	J. Miseno/M. Porter	1317	65.50
90	G. Eastman/J. Pederson	1317	65.50
90	R. Hepp/J. Hepp	1317	65.50
93	S. Juhlin/C. Johnson	1314	65.00
93	R. Hagen/N. Skarphol	1314	65.00
93	S. Light/C. Black	1314	65.00
93	B. Timp/S. Johannsen	1314	65.00
97	J. Oskerson/S. Mason	1313	64.50
97	S. Karau/G. Karau	1313	64.50
99	J. Oskerson/B. Appel	1310	64.00
100	S. Meyer/D. Brummel	1309	63.50
100	J. Sidles/L. Sidles	1309	63.50
102	S. Juhlin/J. Stone	1306	63.00
102	T. Skadsen/B. Eastman	1306	63.00
102	K. Deilke/R. Hansen	1306	63.00
105	D. Riesberg/A. Hasebroock	1305	62.50
105	A. Rutledge/C. Thomas	1305	62.50
105	G. Meis/A. Richter	1305	62.50
105	J. LeClair/J. Jorgensen	1305	62.50
109	D. Steichen/B. Brummel	1304	62.00
110	L. Unruh/D. Brandt	1303	61.50
110	J. Herbener/G. Grothe	1303	61.50
110	S. Stephens/M. Stephens	1303	61.50
110	P. Sundvold/J. Martinson	1303	61.50
114	L. Cuperus/L. VanHolland	1302	61.00
114	T. Benjamin/S. Lomax	1302	61.00
114	M. Johnson/D. Goetschius	1302	61.00
114	B. DeBoom/J. Riemersma	1302	61.00
118	B. Voss/R. Jennings	1300	60.50
119	C. Mastbergen/G. Heyn	1299	60.00
119	S. Pulse/D. McGraw	1299	60.00
121	B. Flindt/J. Stone	1298	
121	W. Anderson/J. Hepp	1298	
123	N. Baumann/M. Baumann	1297	
123	J. Maus/B. Maus	1297	
123	D. Witte/J. Schivelbein	1297	
123	K. King/J. Hepp	1297	
127	D. Naatjes/B. VanVoorst	1296	
128	B. Hully/W. Boogerd	1295	
128	D. Ruden/H. Bootsma	1295	
130	S. Vis/J. Daly	1293	

Place	Team Name	Series HDCP	Prize Amount
131	J. Herman/D. Erckfritz	1291	
131	B. Grosz/D. Peters	1291	
131	R. Johnson/S. Nagorske	1291	
134	E. Reker/P. Reker	1289	
134	T. Steilen/M. Zens	1289	
136	G. Norton/M. West	1287	
136	J. Smith/B. Smith	1287	
136	J. Kot/J. Kot	1287	
139	C. Gregg/A. Herrig	1286	
139	R. Lawrence/G. Grewing	1286	
139	N. Juhlin/J. Hanson	1286	
139	V. Bachteler/C. Black	1286	
143	D. Mellick/B. Jones	1285	
144	T. Stancer/C. Harris	1284	
144	J. Van Dam/J. Post	1284	
146	R. Langley/R. Ohrt	1283	
146	S. DeVries/D. DeVries	1283	
148	B. Wollman/K. Anderson	1282	
148	D. Niebaum/J. Holcomb	1282	
148	M. Kocourek/K. Mach	1282	
151	G. Dykstra/D. Wieman	1281	
151	J. Burns/C. Wallerstedt	1281	
153	J. Gayle/D. Lewin	1280	
153	D. Diers/M. VanEgdom	1280	
155	J. Miller/D. Brinkman	1279	
156	R. Skinner/C. McFarland	1278	
156	D. Biggerstaff/B. Jones	1278	
158	B. From/M. Schuller	1277	
158	J. Fleming/J. Olson	1277	
158	R. DeVries/B. Parks	1277	
161	H. Sacrison/J. Shepherd	1276	
162	B. Engleman/M. Ebel	1274	
162	M. Archer/J. Jacobs	1274	
164	K. Engstrom/T. Anderson	1273	
165	A. Asmus/J. Ulmer	1272	
165	K. Kirchhoff/W. Kirchhoff	1272	
165	G. Hansen/J. Field	1272	
168	A. Engen/G. Motto	1271	
168	J. Nundahl/M. Brigida	1271	
170	N. VanDeventer/N. McVenes	1270	
171	N. McVenes/M. VanDeventer	1269	
171	B. Atchison/D. Baker	1269	
171	C. Goehle/L. DeBoer Sr	1269	
174	J. Kemp/M. Zea	1268	
174	K. Vonderleith/K. Vonderleith	1268	
176	A. Boyken/S. Boyken	1267	
176	B. Wiechert/E. Woodshank JR	1267	
178	J. Hammerstrom/J. Patterson	1266	
178	L. Stoolman/C. Lenz	1266	
180	R. Straight/J. Loberg	1265	
181	M. Brummel/M. Hoffland	1264	
181	D. Loken/J. Weiland	1264	
183	K. Sinning/K. Sieh	1262	
183	J. Rolczynski/T. Herzog	1262	
183	C. Faber/S. Ehresmann	1262	
183	B. Schilke/D. Schilke	1262	
183	F. Veenker/J. Gengler	1262	
188	D. Drewes/G. Drewes	1261	
188	R. Wothe/B. King	1261	
188	J. Ingram/S. Gregg	1261	
191	J. Fleming/K. Shea	1260	
191	G. Hieronimus/G. Gruber	1260	
191	J. Houska/B. Rix	1260	
191	C. Dehling/P. Souksan	1260	
195	A. Masad/J. Sauter	1258	
195	R. Crees/C. King	1258	
195	J. Smith/A. Wendt	1258	

Place	Team Name	Series HDCP	Prize Amount
195	T. Andel/C. Becker	1258	
199	M. Thielen/L. Heier	1257	
199	C. Liesinger/D. Hanson	1257	
199	D. Nelson/L. LeClair	1257	
199	G. Mickelson/J. Kemper	1257	
203	J. Weisenbach/S. Soldatke	1256	
203	B. Peelen/J. Stofferan	1256	
205	J. Selnes/R. Paczkowski	1255	
205	R. Johnson/J. Watkins	1255	
205	D. Chancey/D. Hingst	1255	
205	K. King/M. Olen	1255	
209	A. Huettl/J. Hanson	1254	
209	R. Ciaffa/E. Post	1254	
211	B. Herald/D. Brandt	1253	
212	T. Jones/T. Jones	1252	
212	K. Cundiff/D. VanEgdom	1252	
212	C. Jensen/R. Paulson	1252	
212	S. Luken/T. Luken	1252	
212	M. Holmoe/S. Jesse	1252	
212	D. Bennet/T. Robinson	1252	
218	D. Gowlland/J. Orr	1251	
218	D. Watkinson/S. Church	1251	
218	J. Nygaard/J. Fleming	1251	
221	J. Crawford/G. Boyer	1250	
221	B. Coy/T. Powers	1250	
223	R. DeVries/K. King	1249	
224	M. Breyfogle/R. Juutilainen	1248	
225	R. Schmidt/E. Schmidt	1247	
225	C. Cunningham/C. Smith	1247	
225	T. Lange/M. Greenway	1247	
225	M. Hilbert/J. Thomsen	1247	
229	L. Raymo/M. Holbrook	1245	
229	R. Moritz/D. Sager	1245	
229	B. Shardin/M. Larsen	1245	
232	J. Meitzner/D. Hasley	1244	
233	R. Wolke/Z. Wolke	1243	
234	P. Neugebauer/L. Neugebauer	1242	
234	T. Miller/D. Miller	1242	
236	M. Chambers/S. Duffy	1241	
236	J. Haub/J. Daisy	1241	
236	A. King/G. Reese	1241	
239	R. Round/J. Becton	1240	
240	C. Anderson/J. Preston	1239	
240	J. Van Dam/D. Bonnema	1239	
240	D. Reisma/K. Feller	1239	
240	N. Oehlerking/M. Castle	1239	
240	D. Miller/D. Miller	1239	
240	R. Hewitt/R. Hewitt	1239	
246	D. Walsh/J. Hawkinson	1238	
246	J. Disbrow/D. Goetschius	1238	
248	C. Vlotho/C. Reinking	1237	
249	R. Wolf/J. Citro	1235	
249	R. Disbrow/L. Klein	1235	
251	M. Fahey/B. Bohn	1234	
252	J. Benedict/D. Sinksen	1233	
252	K. Esau/D. Kelly	1233	
254	D. Hagerty/V. Moeller	1232	
255	W. Springer/M. Springer	1230	
255	M. Vanden Top/C. Meyer	1230	
255	R. Peterson/D. Lucht	1230	
258	D. Schoenherr/M. Larsen	1229	
258	L. Walburg/R. Dolieslager	1229	
260	R. Behr/R. Stensaas	1228	
260	R. Clapp/C. Fischer	1228	
262	T. Stueber/T. Davis	1226	
262	E. Mastbergen/R. Raymond	1226	
262	T. Shoulders/T. Martinson	1226	

Place	Team Name	Series HDCP	Prize Amount
265	E. Griffen/S. Farrow	1225	
265	T. Huisman/L. Rice	1225	
267	T. Peck/M. Peck	1224	
267	M. Axtman/G. Rausch	1224	
267	D. Barry Jr/B. Morris	1224	
270	W. Griffith/J. Bastyr	1223	
270	M. Creech/W. Baumgartner	1223	
272	L. Langerock/A. Olness	1222	
272	L. Rogers/B. Potter	1222	
272	J. Wieck/S. Peirce	1222	
275	M. Klujeske/C. VanEgdom	1221	
276	M. Richardson/B. Eastman	1220	
277	J. Boersma/R. Hewitt	1219	
277	A. Rusch/D. Bargholz	1219	
279	J. Fair/M. Walstrom	1217	
279	J. Downs/J. Deslauriers	1217	
279	D. VanVeldhuizen/G. Marron	1217	
282	B. Mettee/S. Anderson	1216	
282	R. Hardwick/D. Konda	1216	
282	R. Beernaert/C. Weyln	1216	
285	S. Siemonsma/C. Flesner	1215	
285	B. Koinzan/M. Porter	1215	
285	T. Maas/B. Slama	1215	
285	D. DeBoer/W. Ahrendt	1215	
289	N. Lewis/C. Bynes	1214	
289	T. Banwart/K. Severson	1214	
291	S. Cavett/R. Sanger	1213	
292	T. Thede/J. Heyden	1212	
293	B. Ukasick/T. Ukasick	1211	
294	B. Christensen/E. Clark	1210	
294	A. Norton/J. Tipton	1210	
296	J. Humpel/W. Kloucek	1209	
297	L. Haas/E. McGourty	1208	
298	M. Graff/J. Anderson	1207	
298	J. Watkins/K. Engstrom	1207	
298	J. Cole/N. Peterson	1207	
298	T. Peters/S. Rubin	1207	
298	D. Naatjes/J. Nord	1207	
298	H. Danielsens/M. Leimbach	1207	
304	K. Cox/K. Cox	1206	
304	D. VanVeldhuizen/L. Kleve	1206	
304	S. Biggerstaff/D. Biggerstaff	1206	
304	D. Sitzmann/R. Hewitt	1206	
308	J. Katt/L. Becker	1205	
308	K. Byers/K. Schleining	1205	
308	S. Smith/K. Smith	1205	
308	L. VanderWilt/J. VanderWilt	1205	
312	M. Wachtel/K. Balbach	1204	
312	R. Tilstra/M. Bohlke	1204	
314	M. Chambers/J. Smith	1203	
315	K. Klein/K. Klein	1202	
316	J. Kamm/M. Huisman	1201	
317	J. Knudson/D. Hassebroek	1199	
317	B. Brant/B. Stephenson	1199	
317	R. Weber/T. Rolfes	1199	
320	B. Holl/C. Holl	1198	
321	S. Baatz/R. Baatz	1197	
321	J. Tendal/K. Anderson	1197	
323	S. Sundberg/J. McClellan	1196	
324	W. Thompson/Z. Millikan	1195	
324	S. Nelson/B. Jorgenson	1195	
324	R. Weaver/J. Weaver	1195	
327	A. Nickel/S. Collins	1194	
327	D. Sorensen/C. Sorensen	1194	
327	R. Kocourek/D. Kriz	1194	
327	R. Mosset/G. Mosset	1194	
331	M. Bosak/D. Bosak	1193	

Place	Team Name	Series HDCP	Prize Amount
331	M. Sackett/D. Leth	1193	
333	D. Naatjes/D. Howard	1191	
333	E. Turner/J. Hepp	1191	
333	S. Nacke/B. Klein	1191	
336	C. Penning/K. Wurth	1189	
337	J. Patten/M. Nelson	1188	
337	S. Sundberg/R. Johnson	1188	
337	J. Ihnen/J. Ihnen	1188	
337	J. Bosma/R. Richter	1188	
341	D. Rohlik/B. Jensen	1187	
342	G. Oskerson/D. Van Note	1186	
343	M. Heathcote/B. Walkins	1185	
343	J. Lightfoot/J. Sondergaard	1185	
343	J. Danielson/T. Anderson	1185	
343	G. Rolling/C. Miller	1185	
347	M. Nacke/B. Wurth	1184	
348	D. Deis/C. Walkins	1182	
348	L. DeBoer/P. DeBoer	1182	
350	C. Carman/A. Eastaman	1181	
351	C. Harbal/J. Britzuis	1180	
351	D. Chambers/M. Hanson	1180	
353	M. Schlencker/D. Sinning	1179	
353	R. Tennant/J. Sperry	1179	
355	D. Blum/D. Dunn	1178	
355	C. Black/E. Turner	1178	
357	J. Lykken/B. Andrews	1176	
357	K. Fischer/E. Welch	1176	
357	C. Lyman/M. Japenga	1176	
357	D. Rose/B. Jones	1176	
357	S. Collins/M. Farley	1176	
362	D. Woerman/C. Woerman	1175	
363	R. Meyer/N. Cambell	1174	
363	T. Schafer/S. Sullivan	1174	
365	J. Haight/K. Lavender	1173	
366	W. Wachtel/A. Bode	1172	
366	C. Cavett/C. Cavett	1172	
368	B. George/B. Walsh	1169	
368	D. Biggerstaff/J. Tripp	1169	
370	K. Sonksen/L. Sonksen	1165	
371	O. Bruss/C. Lee	1164	
371	S. Myers/J. Anderson	1164	
373	S. Stoterau/C. Liesinger	1163	
374	J. Selnes/M. Selnes	1162	
374	M. Elits/T. Renken	1162	
374	W. Enstad/C. Alexander	1162	
377	R. Smith/J. Smith	1160	
377	K. Goeders/S. Berry	1160	
377	R. Hewitt/B. Bruns	1160	
377	C. Winter/J. Melin	1160	
377	B. Ebel/T. Peelen	1160	
377	D. Haugen/D. Lingle	1160	
383	W. Wiekamp/D. Jaeger	1157	
383	L. Fulkerth/M. Miller	1157	
383	J. Hammer/P. Hammer	1157	
386	L. Iverson/J. Bramble	1156	
386	D. Degroot/J. Wren	1156	
388	E. Englebrecth/D. Bruinsma	1155	
388	Q. Peetz/B. Peetz	1155	
390	A. Nickel/M. Farley	1154	
391	M. Hayes/R. Hayes	1153	
391	E. Bauman/C. Barker	1153	
391	D. Brown/R. Johnson	1153	
394	T. Busch/A. Serck	1152	
394	R. Gacke/B. VanGammeron	1152	
396	B. Pautz/J. Bargholz	1150	
396	M. Dimmer/J. Arneson	1150	
398	C. McBride/A. Timmerman	1149	

Place	Team Name	Series HDCP	Prize Amount
399	K. King/J. Painter	1148	
400	W. Weeks/A. Michalov	1147	
401	T. Horner/E. Eye	1146	
402	K. McCann/P. Perrizo	1145	
402	J. Jorgensen/R. Jorgensen	1145	
404	B. Lyster/K. Crees	1144	
405	C. Faber/R. DeVries	1143	
405	R. Jirsa/M. VanDeventer	1143	
407	M. Flannegan/C. Flannegan	1142	
407	J. Weckweth/D. Schoolmeester	1142	
407	L. Selberg/S. Pris	1142	
410	R. Koenig/J. Yost	1141	
411	E. Knudson/E. Gustafson	1139	
411	B. Jensen/M. Selnes	1139	
411	R. Svendsen/A. Behr	1139	
411	L. Origer/J. Fitzloff	1139	
415	T. Danielson/J. Spalding	1137	
415	M. Clausen/A. Strong	1137	
415	B. Steiger/J. Reese	1137	
418	B. Altman/D. Maakestad	1135	
418	P. Myhrberg/A. Hess	1135	
418	S. Rezac/M. Domek	1135	
421	T. Jacobs/J. Johnson	1133	
422	T. Otis/T. Otis	1132	
422	D. DeVries/R. DeVries	1132	
424	S. Eide/G. Kondert	1131	
425	R. Murray/P. Sand	1130	
426	M. Tschetter/C. McBride	1129	
427	C. Andrews/J. Swanson	1127	
428	D. Randall/B. Fischer	1126	
428	B. Elness/B. Clark	1126	
430	B. Kocak/P. Barrie	1124	
431	M. Burgess/N. Holbrook	1123	
432	R. Cornelius/R. Wilkinson	1121	
432	R. Hewitt/A. Johnson	1121	
434	T. Swedin/S. Turner	1120	
435	S. Boyken/E. Knudson	1118	
436	T. Janke/M. Stiffler	1117	
436	J. Davis/D. Davis	1117	
438	R. Egenes/B. Kelhower	1116	
438	S. Hamm/R. Duitsman	1116	
440	K. Paulson/M. Adams	1115	
441	A. Knudson/J. Craig	1114	
442	K. Deilke/R. Klimek	1113	
443	L. Tiff/K. Enger	1112	
444	B. Hanson/J. Bushman	1111	
445	J. Hofer/B. Wollman	1109	
446	J. Johnson/M. Lang	1108	
447	T. Punteney/R. Moats	1106	
447	H. Melvin/M. Melvin	1106	
449	D. Frenzel/C. Voegelé	1104	
449	J. Peterson/A. Peterson	1104	
451	B. Reich/D. Engelking	1101	
452	T. Hansen/T. Iverson	1100	
452	W. Whitacre/A. Studer	1100	
454	T. Petrini/M. Petrini	1095	
455	T. Jones/K. Balbach	1094	
456	J. Dempich/C. Fenner	1089	
457	M. Penlerick/B. Penlerick	1088	
458	D. VanRavenswaay/H. Riemersma	1084	
459	C. Wieser/M. McIntosh	1082	
459	C. Neitzel/S. Heiraas	1082	
461	J. McDonnell/W. Millikan	1081	
462	D. Lewin/J. Knopf	1077	
463	T. Munhofen/S. Hawkinson	1076	
464	D. Aschenbrenner/J. Sandvig	1074	
464	E. Schmidt/M. Cigelman	1074	

Place	Team Name	Series HDCP	Prize Amount
464	R. Peterson/M. Tramp	1074	
467	M. Stuck/C. Smith	1071	
468	R. Lawrence/A. York	1066	
469	S. Kokenge/R. DeVries	1065	
470	M. DeHaan/K. Wurscher	1063	
471	A. Nickel/B. Eastman	1062	
472	T. Voss/L. Kamrath	1057	
473	R. Lawrence/R. Lawrence	1052	
474	J. Cain/D. Baker	1044	
475	D. Luing/C. Luing	1035	
476	J. Richardson/M. Richardson	1031	
477	A. Watkins/N. Haack	1013	
478	R. Karlson/A. Karlson	993	
479	J. Disbrow/L. Eide	1345	
480	C. Carman/T. Skadsen	1288	
481	S. Nagorske/J. Owen	1218	
482	J. Boersma/R. Hewitt	1135	