

World Handicap System

Scottish Golf Zoom Panel Call – Thursday 11th March



WHS Update

Scottish Golf

Since Launch

Number of golfers with a Handicap Index = **252,228**. (We have managed to cleanse 120,000 duplicate CDH IDs from the system, but still many left)

Total Number of scores posted to date = 218,158.

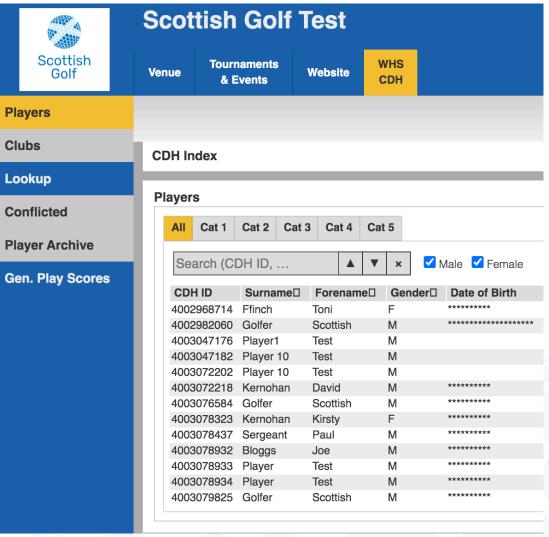
Total number of General Play Rounds = **25,349**. (11.6%) Massive increase from supplementary scores which was roughly 1-2%.



CDH Number Management

- This was the main issue clubs had with the transition to WHS.
- Highlighted the processes in place by many under the old system were incorrect.
- The number of golfers who were never issued a CDH number (over 5,000).
- The number of golfers in conflict who were never released and claimed by a club correctly (2,132 at the time of change over).
- Score never uploaded to the database.
- The number of duplicate scores uploaded to the previous CDH.

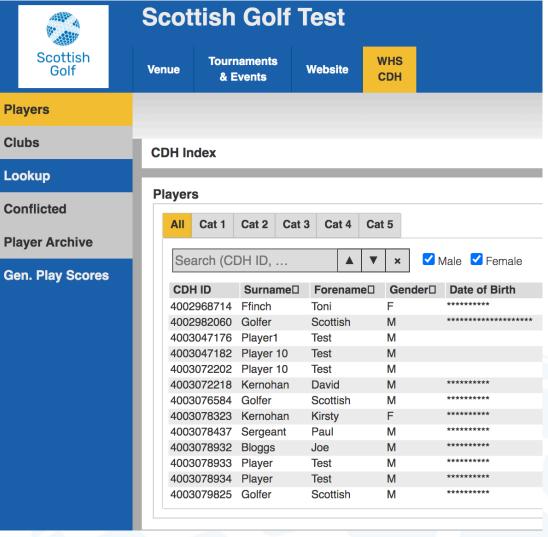




CDH Number Management

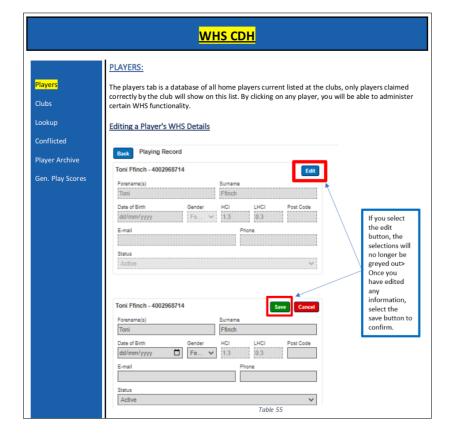
- Now that we have a central system, we can monitor and ensure the inaccuracies do not happen again.
- We need every club to go through their WHS CDH List and ensure only current members have access to a CDH ID. We still have clubs who have not logged on.
- A golfer can only have one CDH, golfers will know by their scoring record if another one has been issued.
- Every ISV can create a CDH number as well as resign and claim a home player. Please check with your provider to ensure you know how to action this correctly.
- Every golfer should have a CDH number and be given the opportunity to have a handicap, even for casual golf.







WHS CDH Manual



HIVE WHS Tools



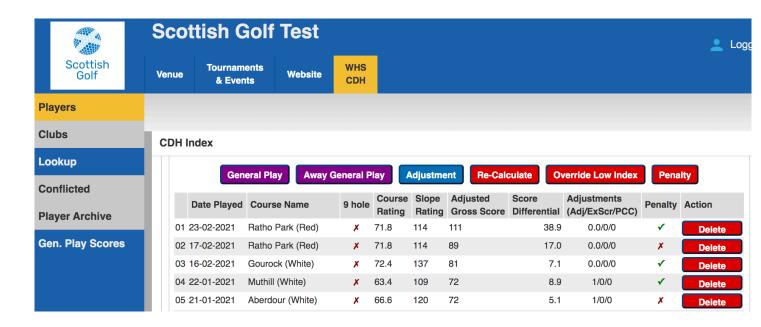
Scottish Golf Support





Adjustments

- Need to be actioned via the WHS CDH platform.
- Going forward should only need to be actioned at annual review.
- Trust the system do not make unnecessary adjustments as the handicap will change when the next score is submitted. Get away from 0.1 mentality.
- Don't adjust an initial handicap allocation.



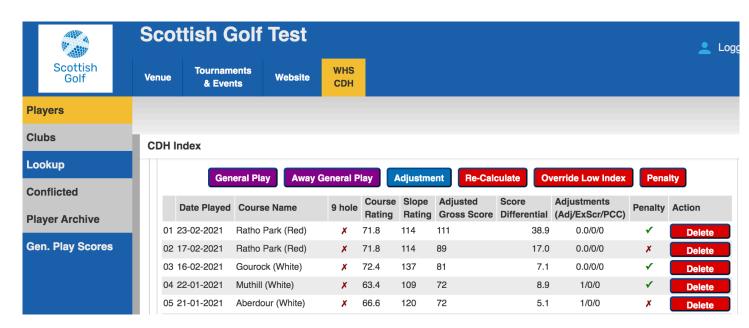


Penalty Scores

Need to be actioned via the WHS CDH platform.

Your options are:

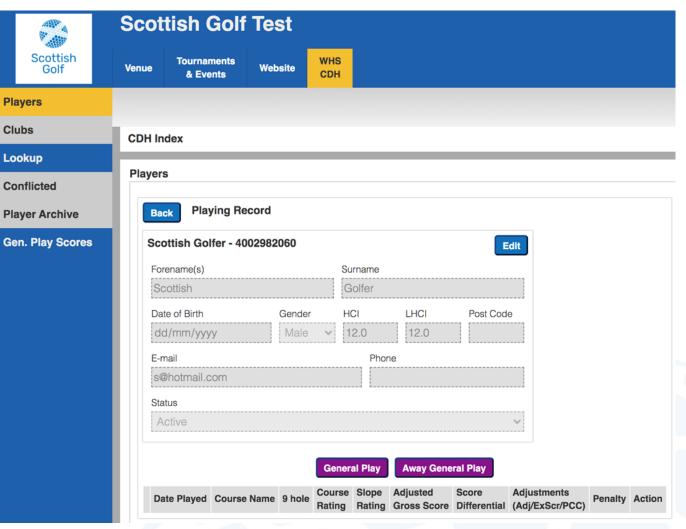
- 1. If discoverable, apply the actual score to the players scoring record, plus a penalty score at the Committees discretion.
- 2. Enter the highest score on the scoring record over the last 12 months.
- 3. Enter the lowest score on the scoring record over the last 12 months.
- 4. Select the score the Committee wishes to apply as the penalty score.
- 5. If a player registers for the Scottish Golf app and fails to submit a score they will receive an automatic penalty.





Initial Handicap Index

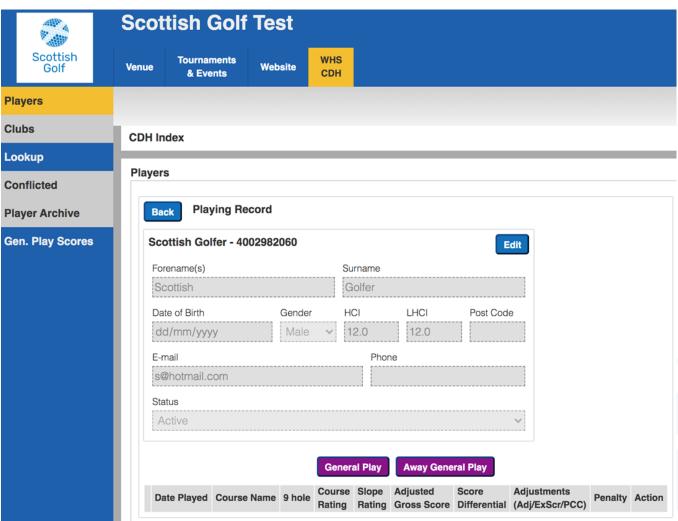
- Need to be actioned via the WHS CDH platform as general play or via the SG App.
- 9-hole scores will be stored until another 9 hole is submitted. Once the Handicap index is calculated, scores will be scaled up as per the rules.
- If a player has no scores but a Handicap index 9-hole scores will be scaled up to an 18-hole Score Differential.





General play scores

- must pre-register their intent to submit a score.
- Can't decide after teeing off or after the round.
- Must be played by the Rules of Handicapping and Rules of Golf.
- Can be submitted via the SG app or via club software if available.
- Additional safeguards built into SG app to ensure integrity. GPS, digital verification with marker details and timed submission.



COURSE HANDICAP CHARTS

SCOTTISH GOLF Stirling

WHS Advice

Course Handicap/Playing Handicap

- Course Handicap is the main handicap used.
- This should be put on the scorecard and what a player uses for a round of golf. (Rule of Golf)
- If a player does not use this, they will risk picking up on a hole they may get a shot on.
- Playing Handicap is used to provide equity in a competition. (Strokes received for that format)
- Playing handicap is calculated using the course handicap value retained to machine precision as per the WHS Rules.
- 95% allowance is mandatory. (18 holes and 9 holes)
- A playing handicap should not be provided for a general play score.

n's - White 2016 urse Rating™: 70.9 Rating®: 127 - Par: 72

riounge		
ourse	Handicap	Course
dicap™	Index®	Handicap™
+6	24.5 to 25.3	28
+5	25.4 to 26.2	29
+4	26.3 to 27.1	30
+3	27.2 to 28.0	31
+2	28.1 to 28.9	32
+1	29.0 to 29.8	33
0	29.9 to 30.6	34
1	30.7 to 31.5	35
2	31.6 to 32.4	36
3	32.5 to 33.3	37
4	33.4 to 34.2	38
5	34.3 to 35.1	39
6	35.2 to 36.0	40
7	36.1 to 36.9	41
8	37.0 to 37.8	42
9	37.9 to 38.7	43
10	38.8 to 39.5	44
11	39.6 to 40.4	45
12	40.5 to 41.3	46
13	41.4 to 42.2	47
14	42.3 to 43.1	48
15	43.2 to 44.0	49
16	44.1 to 44.9	50
17	45.0 to 45.8	51
18	45.9 to 46.7	52
19	46.8 to 47.6	53
20	47.7 to 48.4	54
21	48.5 to 49.3	55
22	49.4 to 50.2	56
23	50.3 to 51.1	57
24	51.2 to 52.0	58
25	52.1 to 52.9	59
26	53.0 to 53.8	60
27	53.9 to 54.0	61

Men's - Yellow 2016 Course Rating™: 69.4 Slope Rating®: 121 - Par: 71

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Handicap	Course	Handicap	Course
Index®	Handicap™	Index®	Handicap™
+5.0 to +4.3	+5	24.8 to 25.6	27
+4.2 to +3.3	+4	25.7 to 26.6	28
+3.2 to +2.4	+3	26.7 to 27.5	29
+2.3 to +1.5	+2	27.6 to 28.4	30
+1.4 to +0.5	+1	28.5 to 29.4	31
+0.4 to 0.4	0	29.5 to 30.3	32
0.5 to 1.4	1	30.4 to 31.2	33
1.5 to 2.3	2	31.3 to 32.2	34
2.4 to 3.2	3	32.3 to 33.1	35
3.3 to 4.2	4	33.2 to 34.0	36
4.3 to 5.1	5	34.1 to 35.0	37
5.2 to 6.0	6	35.1 to 35.9	38
6.1 to 7.0	7	36.0 to 36.8	39
7.1 to 7.9	8	36.9 to 37.8	40
8.0 to 8.8	9	37.9 to 38.7	41
8.9 to 9.8	10	38.8 to 39.6	42
9.9 to 10.7	11	39.7 to 40.6	43
10.8 to 11.6	12	40.7 to 41.5	44
11.7 to 12.6	13	41.6 to 42.4	45
12.7 to 13.5	14	42.5 to 43.4	46
13.6 to 14.4	15	43.5 to 44.3	47
14.5 to 15.4	16	44.4 to 45.2	48
15.5 to 16.3	17	45.3 to 46.2	49
16.4 to 17.2	18	46.3 to 47.1	50
17.3 to 18.2	19	47.2 to 48.0	51
18.3 to 19.1	20	48.1 to 49.0	52
19.2 to 20.0	21	49.1 to 49.9	53
20.1 to 21.0	22	50.0 to 50.8	54
21.1 to 21.9	23	50.9 to 51.8	55
22.0 to 22.8	24	51.9 to 52.7	56
22.9 to 23.8	25	52.8 to 53.6	57
23.9 to 24.7	26	53.7 to 54.0	58

Men's - Me Course Ra Slope Rating®

Handicap	Course
Index®	Handicap™
+5.0 to +4.4	+5
+4.3 to +3.4	+4
+3.3 to +2.5	+3
+2.4 to +1.5	+2
+1.4 to +0.5	+1
+0.4 to 0.4	0
0.5 to 1.4	1
1.5 to 2.4	2
2.5 to 3.3	3
3.4 to 4.3	4
4.4 to 5.3	5
5.4 to 6.2	6
6.3 to 7.2	7
7.3 to 8.2	8
8.3 to 9.1	9
9.2 to 10.1	10
10.2 to 11.1	11
11.2 to 12.0	12
12.1 to 13.0	13
13.1 to 14.0	14
14.1 to 14.9	15
15.0 to 15.9	16
16.0 to 16.9	17
17.0 to 17.8	18
17.9 to 18.8	19
18.9 to 19.7	20
19.8 to 20.7	21
20.8 to 21.7	22
21.8 to 22.6	23
22.7 to 23.6	24
23.7 to 24.6	25

Team format match-play allowances

- Maybe more difficult for golfers to understand if software is not calculating the allowance.
- If clubs want to then can set a local rule for these events to use the course handicap charts (rounded course handicap).
- This is not the recommended approach and Clubs should be aware if they do this then some players may receive extra shots.

COURSE HANDICAP CHARTS

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Rating®: 127 - Par: 72

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+2	28.1 to 28.9	32
+1	29.0 to 29.8	33
0	29.9 to 30.6	34
1	30.7 to 31.5	35
2	31.6 to 32.4	36
3	32.5 to 33.3	37
4	33.4 to 34.2	38
5	34.3 to 35.1	39
6	35.2 to 36.0	40
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16	44.1 to 44.9	50
17	45.0 to 45.8	51
18	45.9 to 46.7	52
19	46.8 to 47.6	53
20	47.7 to 48.4	54 55
21	48.5 to 49.3 49.4 to 50.2	
22		56
23	50.3 to 51.1	57
24	51.2 to 52.0	58
25	52.1 to 52.9	59
26 27	53.0 to 53.8 53.9 to 54.0	60 61
21	53.9 to 54.0	01

Men's - Yellow 2016 Course Rating™: 69.4

Slope Rating®: 121 - Par: 71

Handicap	Course	Handicap	Course
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+4.2 to +3.3	+4	25.7 to 26.6	28
+3.2 to +2.4	+3	26.7 to 27.5	29
+2.3 to +1.5	+2	27.6 to 28.4	30
+1.4 to +0.5	+1	28.5 to 29.4	31
+0.4 to 0.4	0	29.5 to 30.3	32
0.5 to 1.4	1	30.4 to 31.2	33
1.5 to 2.3	2	31.3 to 32.2	34
2.4 to 3.2	3	32.3 to 33.1	35
3.3 to 4.2	4	33.2 to 34.0	36
4.3 to 5.1	5	34.1 to 35.0	37
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18.3 to 19.1 19.2 to 20.0	21	48.1 to 49.0 49.1 to 49.9	53
19.2 to 20.0 20.1 to 21.0	22	49.1 to 49.9 50.0 to 50.8	54
21.1 to 21.9	23	50.0 to 50.8	55
22.0 to 22.8 22.9 to 23.8	24 25	51.9 to 52.7 52.8 to 53.6	56 57
23.9 to 24.7	26	53.7 to 54.0	58
23.9 10 24.7	20	55.7 to 54.0	36
			

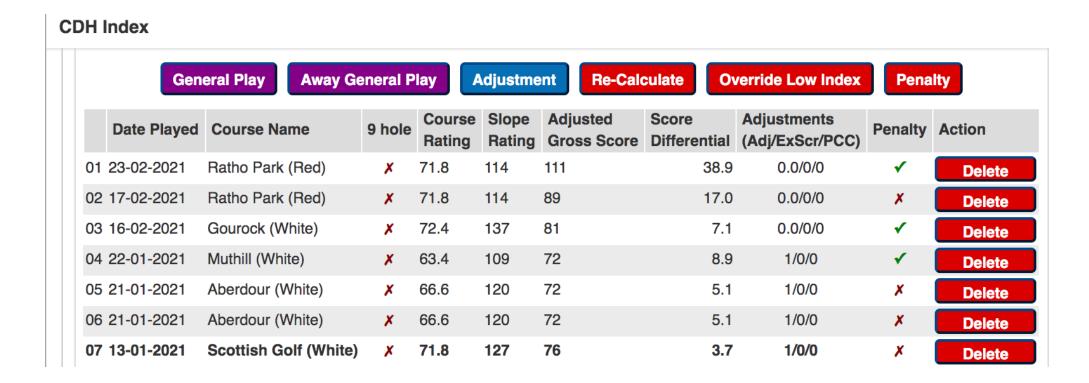
Men's - Me Course Ra Slope Rating®

Handicap Index® Handicap® +5.0 to +4.4 +5 +4.3 to +3.4 +4 +3.3 to +2.5 +3 +2.4 to +1.5 +2 +1.4 to +0.5 +1 +0.4 to 0.4 0 0.5 to 1.4 1 1.5 to 2.4 2 2.5 to 3.3 3 3.4 to 4.3 4 4.4 to 5.3 5 5.4 to 6.2 6 6.3 to 7.2 7 7.3 to 8.2 8 8.3 to 9.1 9 9.2 to 10.1 10 10.2 to 11.1 11 11.2 to 12.0 12 12.1 to 13.0 13 13.1 to 14.0 14
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1.5 to 2.4 2 2.5 to 3.3 3 3.4 to 4.3 4 4.4 to 5.3 5 5.4 to 6.2 6 6.3 to 7.2 7 7.3 to 8.2 8 8.3 to 9.1 9 9.2 to 10.1 10 10.2 to 11.1 11 11.2 to 12.0 12 12.1 to 13.0 13 13.1 to 14.0 14 14.1 to 14.9 15
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9.2 to 10.1 10 10.2 to 11.1 11 11.2 to 12.0 12 12.1 to 13.0 13 13.1 to 14.0 14 14.1 to 14.9 15
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16.0 to 16.9 17
17.0 to 17.8 18 17.9 to 18.8 19
21.8 to 22.6 23
22.7_to_23.6 24
23.7 to 24.6 25

Playing Conditions Calculation (PCC)

- The PCC forms part of the Scoring differential, the only reason it will show in this column will be if its have been manually added.
- The version we show will be expanded upon to show additional information.

- Data is showing the PCC is very conservative, we have fed this back, and this will be looked at.
- It is slightly different under WHS as your handicap only considers your best 8 so a bad score will not have as much of an impact.



Hole started not finished vs hole not started

- Hole started not finished = nett double bogey.
- Hole not started = nett par.
- Only a few valid reasons a player cannot submit a full score.
- Players are not allowed to just skip holes or choose which holes they do not want to play.
- If an incomplete score is submitted, it should be investigated by the club. If no valid reason is provided, it should be discarded.
- Competitions can be played over shorter courses but should not fully replace full formats (9 or 18).
- If a course has holes out of play for maintenance or damage.



WHS Advice- Stroke Index

Scottish

- The WHS system has its own methodology for Stroke Index allocation which can be viewed in Appendix E of the Rules of Handicapping booklet.
- Allocates Stroke Indexes based on the WHS Course Rating system using the playing difficulty of each hole.
- Ensures a consistent method of calculating nett double bogeys and net par adjustments for handicap purposes for all players under WHS.
- In testing we have seen very little difference in the actual AGDs when using the different SI values.

Course Layout

Front Ni	Front Nine							
Hole	Length	USGA	Par	USGA	S/I	USGA	PoP	Name
1	478	478	5	5	5	5	0	
2	294	294	4	4	15	17	0	
3	345	345	4	4	9	9	0	
4	361	361	4	4	13	11	0	
5	509	509	5	5	7	7	0	
6	155	155	3	3	17	15	0	
7	432	432	4	4	3	3	0	
8	192	192	3	3	11	13	0	
9	434	434	4	4	1	1	0	
9 th to 10 th			0					
Out	3200	36			•			

WHS Advice Stroke Index



- Aim is to have consistency so that SIs match for both competition and handicap purposes.
- Option 1. Clubs can continue to use their existing SI values for handicap purposes email handicapping@scottishgolf.org and we can update course data.
- Option 2. Choose to adopt the WHS recommended SI values which many clubs are now doing. To match these up simply go into Venue-Courses tab of VMS and overwrite the numbers in red column to match column on right and save.

Course Layout

Front Ni	Front Nine							
Hole	Length	USGA	Par	USGA	S/I	USGA	PoP	Name
1	478	478	5	5	5	5	0	
2	294	294	4	4	15	17	0	
3	345	345	4	4	9	9	0	
4	361	361	4	4	13	11	0	
5	509	509	5	5	7	7	0	
6	155	155	3	3	17	15	0	
7	432	432	4	4	3	3	0	
8	192	192	3	3	11	13	0	
9	434	434	4	4	1	1	0	
	9 th to 10 th			0				
Out	3200	36			-			

Plus Handicap Golfers

- A scratch golfer is the balance point. Its about EQUITY for everyone not the individual golfer.
- Slope isn't the difficulty of a course; it is the relative difficulty between the scratch and bogey golfer.
- Course rating is the difficulty of a golf course.
- Plus golfer moves away from scratch, course with a higher slope lower the course handicap.
- When converting into a Score differential the course rating will provide the bigger difference in a result. Par of the course is not used in this calculation(6 under par is irrelevant).

$$SD = 113/SR \times (AGS - CR) - PCC$$

 $SD = 113/125 \times (66-72)$ $SD = 113/130 \times (66-70)$
 $SD = -5.4$ $SD = -3.4$



Handicap Index -3.3

TEE	YARDS	RATING	SLOPE	PAR	CH
BLACK	7033	74.2	135	72	-4
BLUE	6684	72.8	131	72	-4
WHITE	6414	71.7	128	72	-4
SILVER	6021	69.9	125	72	-4
W/S/R	5886	68.8	123	71	-4
RED	5637	67.8	121	71	-3
GREEN	5385	66.5	118	70	-3
GOLD	4957	64.4	113	69	-3

HIVE Learning





Q Search









Scottish Golf Activity Summary

In this period, 551 users have been involved in 65222 interactions across 57 groups.
519 more users (+1622%) and 60447 more actions (+1266%) compared to the previous period.



HIVE Learning

Scottish

How to use:

- 1. Always try and find the information in the resources and cards.
- 2. If not available comment in the feed at the bottom of the card, do not use the general feed.
- 3. To go directly to your interactions, click on your profile and all of these will be listed so you can follow.
- To help, we will actually be turning off the general feed as it is hard to follow threads in this manner.
- handicapping@scottishgolf.org
- Thank you for all the feedback and for engaging on the platform.

Thank You Scottish Golf

