

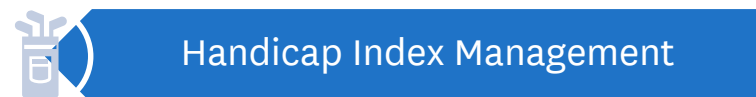
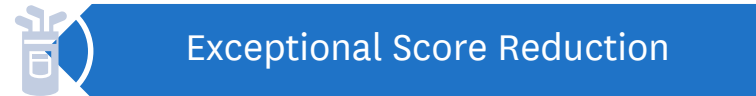
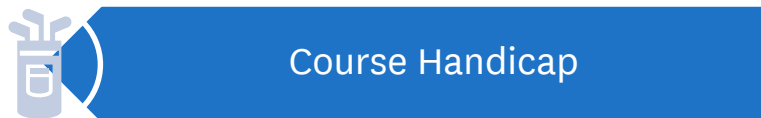


# Association Training Session

## *WHS Impact on GHIN Products*

Terry Benjamin & Charlie Capasso

# Agenda



# Home Club

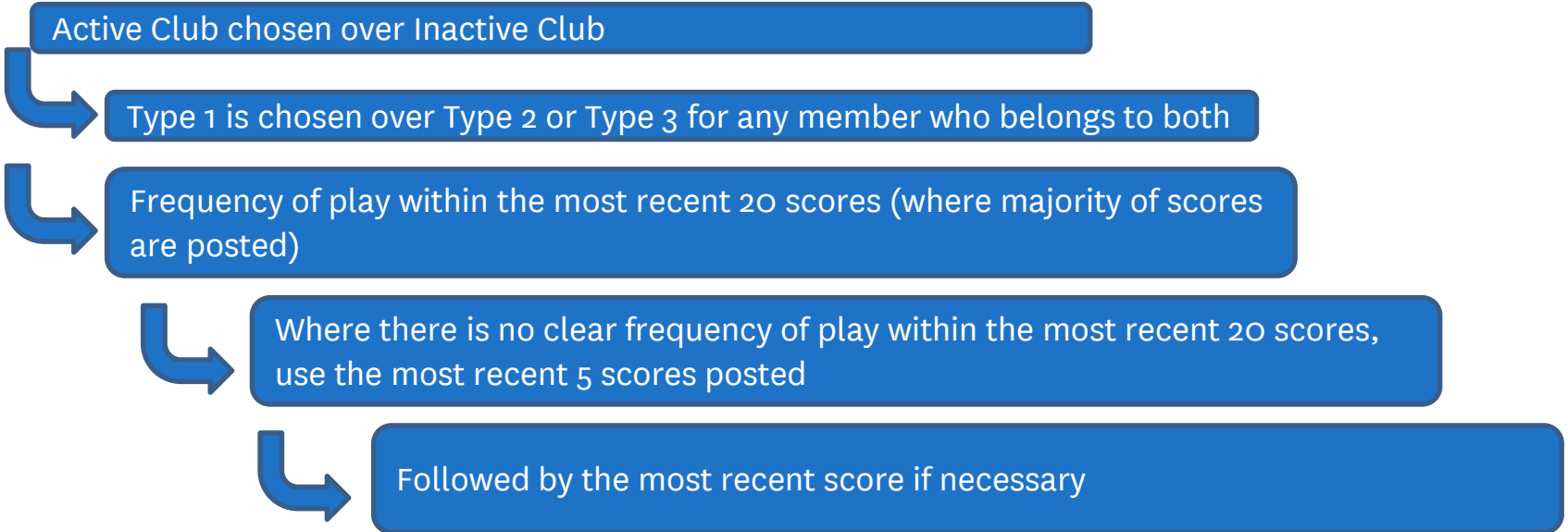
# Home Club

- To ensure that a player has only one Handicap Index, and to easily identify the golf club or golf association with authority should issues arise, a player should have one Home Club.
- Designating a Home Club is at the player's discretion and is typically determined by regularity of play and number of scores submitted.



# Method to Determine the Golfer's Initial Home Club

Upon completion of onboarding association, club and golfer data the USGA will set the Home Club default using the following criteria:



# Home Club (Admin Portal)

Charlie Capasso

Add Golfer Add Club Add Association

Handicap Management Score Maintenance Post a Score **Account**

H.I. 2.8 Low H.I. 2.1 09/10/2019

Primary

**Club Memberships**

Email Subscription Management

Club Name - Association Name	Home Club	Status	Club Contact	Club Phone	Club Email	Club Website	
Moggy Brook Golf Club <i>Metropolitan Golf Association</i>	<input type="checkbox"/>	Active		9082342300			Details
Moggy Brook Golf Club <i>New Jersey State Golf Association</i>	<input type="checkbox"/>	Inactive		9082342300			Details
Test Club <i>GHIN Test Association</i>	<input checked="" type="checkbox"/>	Active					Details

# Course Handicap

# Course Handicap

- Under the Rules of Handicapping, a Course Handicap will be the number of strokes a player receives to play down to the Par of the tees being played. The formula is:

$$\text{Course Handicap} = (\text{Handicap Index} \times \text{Slope Rating} / 113) + (\text{CR} - \text{PAR})$$





# Course Handicap (ghin.com)

POST SCORE   GOLFER LOOKUP   STATS   COURSE HANDICAP CALCULATOR

HOLE-BY-HOLE SCORE   TOTAL SCORE

## Round Setup

Course  
Torrey Pines Municipal Golf Course  
South [Change](#)

Number of Holes  
18 Holes   9 Holes

Tees  
Black 75.3 / 137 / 72

Score Type  
Home   Away   Competition

Date Played  
11/12/2019

Your Course Handicap is **7** ⓘ

**ENTER HOLE-BY-HOLE SCORE**

# Maximum Hole Score

A topographic map of a golf course hole, showing various contours and shaded areas representing different elevations and features. The map is rendered in shades of gray and white, with the title 'Maximum Hole Score' overlaid in the top left corner.

# Maximum Hole Score for Handicap Purposes

- **Net Double Bogey:** A player's maximum hole score for handicap purposes, ensuring bad holes don't impact a player's handicap too severely.

$$\text{Net double bogey} = \text{Par} + 2 + \text{Handicap strokes received or given on a hole}$$

A player with a Course Handicap of 11 receives one stroke on the first 11 allocated stroke holes.

On a par-4 hole with a *stroke index* of 6, the player's *net double bogey* score is calculated as follows:

<b>Par</b>		<b>Two Strokes (Double Bogey)</b>		<b>Stroke(s) Received</b>		<b>Max</b>
4	+	2	+	1	=	7

# Maximum Hole Score (ghin.com)

## Post Hole-By-Hole Score

Advanced Stats  OFF

Clear All Scores

### Front 9

HOLE	1	2	3	4	5	6	7	8	9	OUT
YARDS	445	363	159	467	405	530	445	163	538	3515
PAR	4	4	3	4	4	5	4	3	5	36
STROKE INDEX	1	3	5	7	9	11	13	15	17	
SCORE	9	9	9	9	9	3	5	3	4	60
ADJ. SCORE	7	7	6	7	6	3	5	3	4	48

# Score Types

# Score Types

## NO CHANGE

Description	Score Type
Home	H
Away	A
Penalty	P

## CHANGE

Description	Score Type
Combined	N
Competition	C

## NEW ATTRIBUTE

Description	Type
Exceptional	E

# Score Types (Admin Portal)

**Handicap Index Details**

[Remove H.I. Modification](#)
[Set Low H.I. Modification](#)
[Withdraw H.I.](#)
[Special Update](#)

**Revision Scores** Total Differential: 185.4

Used	Type	Date	Score	CR/Slope	PCC ⓘ	Diff. ⓘ	ESR ⓘ	Adj. ⓘ	Course Name / Tee
	CH	08 / 13 / 2019	98	69.0 / 121	-	27.1	-	-	Walt Disney World Resort Magno - Purple
*	ECH	08 / 02 / 2019	71	74.0 / 137	+1	-2.9	-2	-	Hawk Pointe Golf Club - White
*	N	07 / 25 / 2019	89	68.7 / 123	-	18.6	-2	-	Hawk Point Golf Club - F9 Blue / Deal Golf Club - F9 White
*	H	06 / 12 / 2019	72	72.0 / 113	-	0.0	-2	-	Trump National Golf Club - White

# Score Types (Kiosk)

USED	TYPE	DATE	SCORE	C.R. / SLOPE
				REVISION SCORES
*	H	11/2019	99	72.7 / 132
*	E	11/2019	90	72.7 / 132
*	E	11/2019	85	72.7 / 132
	N	05/2019	134	72.7 / 132
*	A	02/2019	111	70.0 / 120
	C	09/2018	133	72.7 / 132
	A	08/2018	116	67.8 / 111



# Playing Conditions Calculation

# Playing Conditions Calculation

- When adverse weather conditions or abnormal course set-up causes scores to be unusually high or low on a given day, a Playing Conditions Calculation will adjust Score Differentials to better reflect the player's actual performance.
- The 'PCC' will be simple and conservative in nature and will be adjusted in integer values (e.g. -1, +1, +2, etc.)



# Playing Conditions Calculation

- **Key points:**
  - Is performed only once for a day.
  - Considers acceptable scores submitted on a golf course, including all rated tees and both genders.
  - Requires at least eight acceptable scores submitted by players with a Handicap Index of 36.0 or below.
  - Is applied in the calculation of score differentials for all players.
  - Includes both 9-hole and 18-hole acceptable scores.



# Playing Conditions Calculation (Admin Portal)

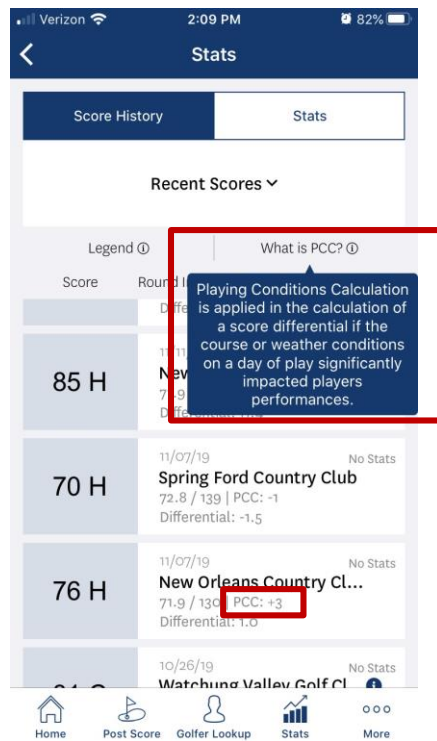
**Test Club - GHIN Test Association**

**Playing Conditions Calculation** The playing conditions calculation determines whether playing conditions on the day differed from normal conditions to the extent that an adjustment is needed to compensate. It is a statistical procedure that compares the scores submitted by players on the day against expected scoring patterns.

**Revision Scores**

Used	Type	Date	Score	C.R. / Slope	PCC.	Diff.	ESR
☆	H	11/11/2019	76	71.6 / 135	-	3.7	-
	H	11/11/2019	85	71.9 / 130	-	11.4	-
☆	H	11/07/2019	70	72.8 / 139	-1	-1.5	-
☆	H	11/07/2019	76	71.9 / 130	3	1.0	-

# Playing Conditions Calculation (Mobile App)



# Exceptional Score Reduction

# Exceptional Score Reduction

- ESR is a procedure for dealing with exceptional scores which may indicate the player's true ability. The procedure considers all scores, rather than only "T" scores
- How does it work?
  - Calculate score differential once score is posted and playing conditions calculation is applied (when appropriate).
  - Calculate new Handicap Index.
  - If score differential is -7.0 strokes or better than the Handicap Index from when the round was played, apply ESR table reduction to new Handicap Index:

<b>Score Differential Relative to H.I.</b>	<b>7.0 – 9.9 strokes lower</b>	<b>10.0 + strokes lower</b>
<b>ESR Adjustment</b>	<b>-1.0</b>	<b>-2.0</b>

*This is in addition to any reduction caused by the score being used in the updated 8 of 20 calculation*

# Exceptional Score Reduction

- Note the scores made after the Exceptional Score will not have a -1 adjustment, which allows the ESR to take care of itself.
- The player posted a second Exceptional Score on 9/5, which resulted in a -1 adjustment to their previous 20 score differentials.
- The player posted an Exceptional Score on 5/22, which resulted in a -1 adjustment to their previous 20 score differentials.

	Date Played	Course Name	C.R.	Slope	Adjusted Gross Score	Score Differential	ESR Adjustment
1	9/29/20	Hill CC	70.5	125	92	19.4	
2	9/22/20	Hill CC	70.5	125	91	18.5	
3	9/5/20	Hill CC	70.5	125	75	4.1	-1
4	9/1/20	Hill CC	70.5	125	99	25.8	-1
5	8/28/20	Hill CC	70.5	125	89	16.7	-1
6	8/23/20	River CC	71.3	127	92	18.4	-1
7	7/26/20	Meadow CC	72.2	131	87	12.8	-1
8	7/14/20	Hill CC	70.5	125	97	24.0	-1
9	7/4/20	Hill CC	70.5	125	88	15.8	-1
10	6/19/20	River CC	71.3	127	87	13.5	-1
11	6/18/20	Valley CC	69.9	118	95	24.0	-1
12	6/12/20	Forest CC	70.1	115	86	15.6	-1
13	6/5/20	Meadow CC	72.2	131	85	11.0	-1
14	6/2/20	Hill CC	70.5	125	82	10.4	-1
15	5/30/20	Hill CC	70.5	125	94	21.2	-1
16	5/25/20	Valley CC	69.9	118	89	18.3	-1
17	5/22/20	Hill CC	70.5	125	75	4.1	-1 / -1
18	4/29/20	Hill CC	70.5	125	85	13.1	-1 / -1
19	4/14/20	Hill CC	70.5	125	93	20.3	-1 / -1
20	4/10/20	Hill CC	70.5	125	94	21.2	-1 / -1
21	4/3/20	Meadow CC	72.2	131	86	12.1	-1 / -1
22	3/29/20	Meadow CC	72.2	131	84	10.2	-1 / -1
23	3/27/20	Hill CC	70.5	125	92	19.4	-1
24	3/22/20	Valley CC	69.9	118	90	19.2	-1
25	3/21/20	Hill CC	70.5	125	89	16.7	-1



# Exceptional Score Reduction (Admin Portal)

Revision Scores

[Modify H.I.](#)
[Modify Low H.I.](#)
[Withdraw H.I.](#)
[Special Update](#)

**Exceptional Score Reduction** When an exceptional score is posted to a player's scoring record, the Handicap Index will be reduced in accordance with the exceptional score adjustment table.

Total Differential: 203.0

Used	Type	Date	Score	C.R. / Slope	PCC.	Diff.	ESR	Adj.	Course Name / Tee
☆	H	11/11/2019	99	72.7 / 132	-	22.5	-	-	Spring Ford Country Club - Sprin...
☆	E	11/08/2019	90	72.7 / 132	-	12.8	-2	-	Spring Ford Country Club - Sprin...
☆	E	11/06/2019	85	72.7 / 132	-	6.5	-4	-	Spring Ford Country Club - Sprin...
	N	05/31/2019	134	72.7 / 132	-	48.5	-4	-	Spring Ford Country Club / Spr
☆	A	02/25/2019	111	70.0 / 120	-	34.6	-4	-	Jacaranda West Country Club Ja
	C	09/03/2018	133	72.7 / 132	-	47.6	-4	-	Spring Ford Country Club - Red

# Exceptional Score Reduction (ghin.com)

SCORE	DATE	C.R./SLOPE	PCC ⓘ	DIFFERENTIAL
<b>REVISION SCORES</b>				
* 99 H	11/2019	72.7/132	-	22.5
* 90 E	11/2019	72.7/132	-	12.8 ⓘ
* 85 E	11/2019	72.7/132	-	6.5 ⓘ

×

A -2 Exceptional Score Reduction has been applied to this score differential.

**OK**



# Low H.I. & Caps

# Low Handicap Index & Introduction to Cap

- The Low Handicap Index represents the demonstrated ability of a player over the 12-month period preceding the most recent score in the player's scoring record and provides a reference point against which the current Handicap Index can be compared.
- A player's scoring record must display their Low Handicap Index.
- There is no limit on the amount by which a player's Handicap Index can decrease. However, Low Handicap Index is used as the basis for preventing extreme upward movement of a Handicap Index.

Retains a  
memory  
of your  
lowest  
Handicap  
Index



# Cap Procedure

- A Soft Cap and Hard Cap will be implemented to limit the extreme upward movement of a player's Handicap Index within a 12-month period.
- The Soft Cap will **suppress** upward movement by 50% after a 3.0 stroke increase over the Low Handicap Index has been reached.
- The Hard Cap will **restrict** upward movement to 5.0 strokes over the Low Handicap Index.



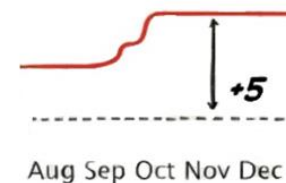
Soft cap



Hard cap

*The soft cap and hard cap procedures only start to take effect once a player has at least 20 acceptable scores in their scoring record.*

# Cap Example



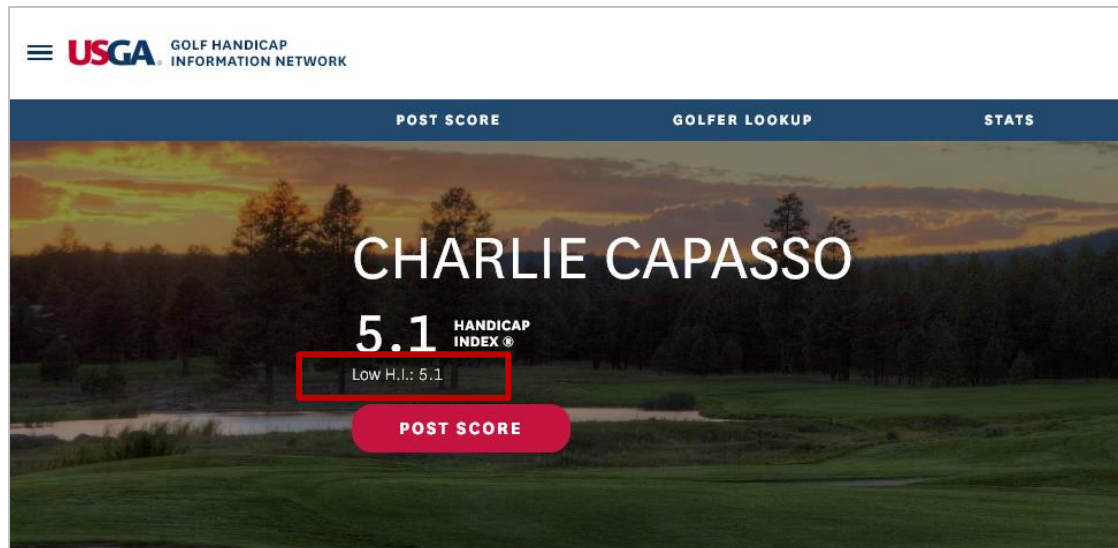
		Consider Soft Cap					Consider Hard Cap		
New calculated HI (8 / 20)	Low Index (LI)	8/20 - LI	≤ 3.0	> 3.0	50% of value > 3.0 (Suppression)	≤ 3 + Suppression	Movement compared to LI	> 5	New HI
14.0	12.0	2.0	2.0	0	0	2.0 + 0	2.0	0	14.0
15.0	12.0	3.0	3.0	0	0	3.0 + 0	3.0	0	15.0
19.0	12.0	7.0	3.0	4.0	2.0	3.0 + 2.0	5.0	0	17.0
20.0	12.0	8.0	3.0	5.0	2.5	3.0 + 2.5	5.5	0.5	17.0

# Low Handicap Index (Golfer Products)

Charlie Capasso

5.1 HANDICAP INDEX<sup>®</sup>

LOW H.I.: 5.1



# Soft/Hard Caps (Admin Portal)

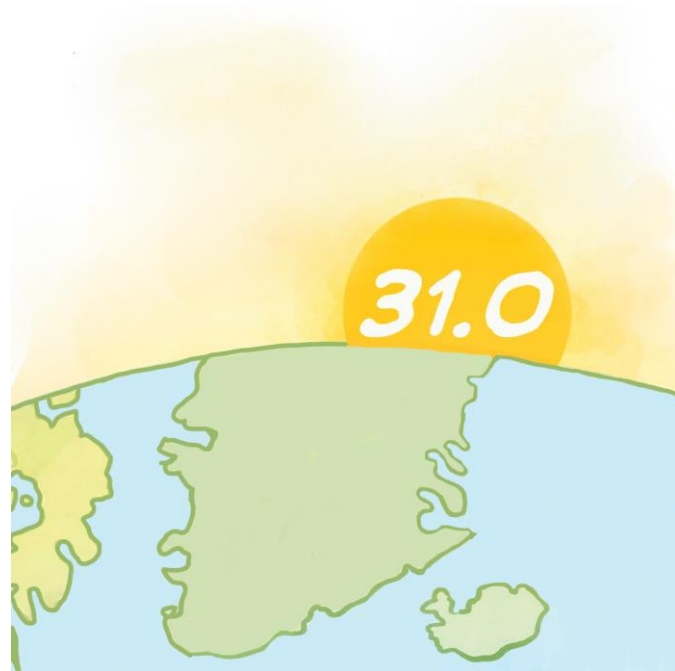
The screenshot displays the USGA Admin Portal interface. At the top left is the USGA logo and 'ADMIN PORTAL'. A search bar is located at the top right with the text 'Search for Golfers, Admins, Clubs & Associations'. Below this is a navigation menu with options: Home, Manage, Rapid Score Entry, Merges, Reports, Tools & Resources, and Logout. The breadcrumb trail reads: Home > Manage > Metropolitan Golf Association > Philadelphia Cricket Golf & Country Club. The main content area features the name 'Dr. Ron Alexander Gardner III' and 'GHIN Number: 115114 | [rgardner@gardner.com](mailto:rgardner@gardner.com)'. Below this are buttons for 'Handicap Management', 'Score Maintenance', 'Post a Score', 'Account', and 'Audit Log'. On the right side, there are buttons for 'Add Score', 'Add Golfer', 'Add Club', and 'Add Association'. A red box highlights a tooltip that says 'This Handicap Index has a Soft Cap applied.' pointing to a red information icon. To the right of the icon are two circular indicators: one for 'H.I. 16.0' and another for 'Low H.I. 15.3 03/13/2018'. Below the main content area is a section titled 'Handicap Index Details'.



# Daily Revisions

# Daily Revisions

- Under the Rules of Handicapping, a Handicap Index will update the day after a score(s) is posted.
  - Players should submit their scores as soon as possible after the round is completed, and before midnight.
  - This is to ensure the score will be used for the Playing Conditions Calculation.
  - A player's Handicap Index can also be revised by a Committee adjustment.



# Daily Revisions (ghin.com)

Handicap History	
Low Handicap Index Date	Low Handicap Index
09/10/2019	2.1
Revision	Handicap Index
11/12/2019	2.8
11/09/2019	3.0
11/08/2019	3.0
11/04/2019	3.8
11/01/2019	4.2

# Handicap Index Management

# Handicap Index Management

- When a handicap review has been completed, the Handicap Committee can adjust a player's Handicap Index to better reflect their demonstrated ability, based on the results of the analysis.
- The adjustment must satisfy the following criteria:
  - Be a minimum of 1 full stroke; and
  - Except in exceptional circumstance, only increase a player's Handicap Index by up to 5.0 strokes above their Low Handicap Index.
- There is no limit as to how far downwards a Handicap Index can be adjusted.



# Handicap Index Management

- An adjustment can be made by:
  - Freezing/modifying the Handicap Index for a defined period of time as determined by the Handicap Committee, or
  - Applying an adjustment to each of the most recent 20 score differentials in the scoring record to achieve the chosen Handicap Index
- When an adjustment increases a Handicap Index, the Low Handicap Index should be set at that level.
- When an adjustment reduces a Handicap Index, the Low Handicap Index is also set at that level unless a lower Handicap Index is still eligible.



# Handicap Index Management (Admin Portal)

Handicap Management | Score Maintenance | Post a Score | Account

H.I. **2.8** | LOW H.I. **2.1** 09/30/2019

Test Club - GHIN Test Association

Revision Scores

**Modify H.I.** | Modify Low H.I. | Withdraw H.I. | Special Update

Total Differential: 22.1

**Modify Handicap Index** ✕

Modify H.I. \*

Expiration Date \*

**Modify Handicap Index** ✕

Adjustment \*

upwards  downwards

# Adjusted Score Differentials (Admin Portal)

Mr. Gordon Good 
[Add Golfer](#) [Add Club](#) [Add Association](#)

[Handicap Management](#) | [Score Maintenance](#) | [Post a Score](#) | [Account](#)

H.I. **23.6**
Low H.I. **22.6**  
10/22/2019

**Gulph Mills Golf Club - GAP**

[Modify H.I.](#) [Modify Low H.I.](#) [Withdraw H.I.](#) [Special Update](#)

**Revision Scores**

**Committee Adjustment** When an adjustment is applied by the Handicap Committee, it is intended to provide a better reflection of a player's demonstrated ability. 38.6

Used	Type	Date	Score	C.R. / Slope	PCC. ⓘ	Diff. ⓘ	ESR ⓘ	Adj. ⓘ	Course Name / Tee
	A	10/24/2019	102	69.8 / 126	-	27.9	-	-1	Pinehurst Cc No. 5



# Launch Preparations

# WHS Launch Preparations

- Provide education opportunities to all clubs for authorization by 6/30/2020 deadline
- Provide '30-minute' deck to all clubs within jurisdiction
- Distribute publications to clubs and committee members/volunteers
- Ensure facilities are using new Course Handicap tables
- Distribute 'Top 5' infographic to clubs
- Serve as primary source for golfer awareness within jurisdiction
- Remove/replace references to USGA Handicap System with World Handicap System/Rules of Handicapping on AGA website

# Questions & Feedback

An aerial photograph of a golf course. In the foreground, a large, irregularly shaped sand trap is surrounded by a well-maintained green. The green extends towards a clubhouse in the background. The clubhouse is a large, two-story building with a white facade, numerous windows, and a central entrance with columns. It is surrounded by lush green trees under a blue sky with scattered white clouds.

Contact

[Launch2020@usga.org](mailto:Launch2020@usga.org)