



Explanation of Course Hole Allocation

This informational packet help provide the additional information required to better understand the current hole allocations. The provided GHIN Stroke Index Progression Report is fairly straight forward. A majority of people can follow the reasoning of these reports until the use of the “Triads”. The reports do not define the “Triads”, but simply uses the following for people to refer to:

****Stroke Index– Maintains the Odds/Evens Distribution (for 18 holes) but includes the “Triads” concept described in Appendix E of the Rules of Handicapping.**

This packet includes the GHIN Stroke Index Progression along with the Explanation of the “Triads” system. The attached explanation will allow the reader to follow the reasoning for the hole allocations.

The allocations provided are the originals sent from the CGA/USGA. **The allocations have not been adjusted in any way by Pinewild CC of Pinehurst.**



Hole	Difficulty Value	Ranking	Odds/Evens Distribution	Stroke Index
1	1.04...	7	9	5
2	0.62...	14	13	13
3	0.33...	16	17	17
4	1.06...	5	5	7
5	1.31...	1	1	1
6	0.91...	9	11	11
7	1.04...	6	7	9
8	0.47...	15	15	15
9	1.29...	2	3	3
10	1.27...	4	4	8
11	1.29...	3	2	4
12	0.76...	10	8	10
13	0.14...	17	16	16
14	0.70	12	12	12
15	0.72...	11	10	6
16	0.92...	8	6	2
17	0.67...	13	14	14
18	-0.07...	18	18	18

Instructions

Below is a description of each column heading.

Difficulty Value - Calculated value based on the recommended formula within Appendix E of the Rules of Handicapping. This value represents the combined strokes over par for Scratch and Bogey Players.

Ranking - This is the raw ranking value of each hole based upon all holes Difficulty Value. The highest Difficulty Value will have a ranking of 1 and the lowest Difficulty Value will have the ranking of 9 or 18 (depending on how many total holes are available for the tee set rating).

Odds/Evens Distribution - The Odds/Evens Distribution applies only to those tee sets that have 18 holes. Based on the value of each holes Ranking, the front nine holes will receive odd number values and the back nine holes are given even number values. The lowest value on the front nine based on the Ranking value will be assigned the number 1. The highest value on the front nine based on the Ranking value will be assigned the number 17. The lowest value on the back nine based on the Ranking will be assigned the number 2. The highest value on the back nine based on the Ranking value will be assigned the number 18. The Odds/Evens Distribution is described in Appendix E within Rules of Handicapping. If a tee set is only nine holes, then the odds/evens concept is not applied and is ranked 1 through 9.

Stroke Index- Maintains the Odds/Evens Distribution (for 18 holes) but includes the “Triads” concept described in Appendix E of the Rules of Handicapping.

Nine hole tee ratings will also use the “Triad” concept.



Hole	Difficulty Value	Ranking	Odds/Evens Distribution	Stroke Index
1	1.74...	5	3	5
2	1.70	6	5	7
3	0.80	18	17	17
4	1.46...	7	7	1
5	1.33...	11	11	11
6	1.40	9	9	9
7	1.00	17	15	15
8	1.19...	14	13	13
9	2.48...	1	1	3
10	1.82...	4	6	4
11	1.22...	13	14	14
12	1.26...	12	12	12
13	1.41...	8	8	6
14	1.38...	10	10	10
15	1.17...	15	16	16
16	2.04...	2	2	2
17	1.90	3	4	8
18	1.07...	16	18	18

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Hole	Difficulty Value	Ranking	Odds/Evens Distribution	Stroke Index
1	0.63...	7	7	5
2	0.63...	8	9	9
3	0.29...	15	13	13
4	1.23...	4	3	1
5	0.27...	16	15	15
6	0.03...	18	17	17
7	1.02...	6	5	7
8	0.42...	12	11	11
9	1.47...	2	1	3
10	0.32...	14	16	16
11	0.04...	17	18	18
12	0.32...	13	14	6
13	0.52...	9	8	10
14	0.49...	11	12	14
15	1.10	5	6	2
16	1.38...	3	4	8
17	0.50	10	10	12
18	1.50	1	2	4

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Stroke Index Progression

Pinewild CC - Holly Course
 Master Pending - Female - Red Tees



Hole	Difficulty Value	Ranking	Odds/Evens Distribution	Stroke Index
1	1.44...	7	7	7
2	1.96...	3	1	3
3	0.64...	17	17	17
4	1.37...	9	9	9
5	0.93...	10	11	11
6	1.66...	5	5	1
7	1.93...	4	3	5
8	0.70	14	15	15
9	0.84...	13	13	13
10	0.86...	12	12	12
11	0.93...	11	10	6
12	0.64...	16	16	16
13	0.67...	15	14	14
14	1.42...	8	8	10
15	1.56...	6	6	2
16	2.19...	2	4	8
17	0.49...	18	18	18
18	2.40	1	2	4

Instructions

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Ranking - This is the raw ranking value of each hole based upon all holes Difficulty Value. The highest Difficulty Value will have a ranking of 1 and the lowest Difficulty Value will have the ranking of 9 or 18 (depending on how many total holes are available for the tee set rating).

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Appendix E: Stroke Index Allocation

The *Rules of Golf* state: “The Committee is responsible for publishing on the scorecard or somewhere else that is visible (for example, near the first tee) the order of holes at which handicap strokes are to be given or received.” (See *Rules of Golf*, Committee Procedures, Rule 51 (4)).

It is recommended that a *stroke index* allocation be applied over 18-holes, split into six triads with each hole ranked on its playing difficulty relative to *par*. The difficulty of each hole can be determined objectively using hole-by-hole data provided from the *Course Rating* procedure as follows:

$$\text{Scratch Value} + \text{Bogey Value} - (2 \times \text{par})$$

For example, on a *par* 4 hole where the Scratch Value is 4.2 and the Bogey Value is 5.3:

$$4.2 + 5.3 - (2 \times 4) = 1.5 \text{ over } \textit{par}$$

The recommended methodology and procedures for determining a *stroke index* allocation within the **six triad structure**, designed to accommodate both stroke play and match play formats, is as follows:

- Apply odd *stroke index* allocations over the front nine and even *stroke index* allocations over the back nine. If, however, the back nine is significantly more difficult than the front nine, as determined by the *Course Rating*, the even *stroke index* allocations can be switched to the front nine and the odd *stroke index* allocations to the back nine.
- Spread *stroke index* allocations evenly over the 18 holes so that players receiving strokes will have the opportunity to use a high proportion of these strokes before a match result has been decided.
- Apply the lowest *stroke index* hole (1 or 2) on each nine in the middle triad. If no hole within the middle triad is ranked within the lowest 6 holes relative to *par*, then it can be moved into an adjacent hole at the end of the first triad or the beginning of the third triad on each nine.
- Apply the second lowest *stroke index* hole (3 or 4) on each nine in either the first or third triad, unless the lowest *stroke index* hole has been allocated in that same triad.
- If possible, avoid low *stroke indexes* (6 or less) on consecutive holes.
- When a player receives more than 18 strokes, the same allocation order is used with *stroke index* 1 repeating as *stroke index* 19, 37 and 55, with all additional strokes going up sequentially.

These recommended procedures support the guidance contained in the *Rules of Golf*, Committee Procedures, Rule 51 (4).

Stroke Index Allocation for 9-Hole Play

The strokes received in a 9-hole format of play on an 18-hole *golf course* should be taken in ascending order from the published *stroke index* allocation for 18 holes. Alternatively, the *Handicap Committee* may consider amending the *stroke index* allocation from 1 to 9, relative to the ascending order of the published *stroke index* allocation for 18 holes.

For plus handicap players, where they are required to give strokes back to the course, this commences on the hole with the highest published *stroke index* allocated for the 9 holes or, if the *Handicap Committee* has amended the *stroke index* allocation from 1 to 9, at the hole with *stroke index* 9.

Sample *Stroke Index* Allocations

Example 18-hole <i>stroke index</i> allocation																		
Hole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<i>Stroke Index</i>	7	15	5	11	1	13	3	17	9	8	16	6	12	2	14	4	18	10

When a Committee decides to amend an 18-hole *stroke index* allocation to create a 9-hole equivalent:

Example of an amended front nine 9-hole <i>stroke index</i> allocation									
Hole	1	2	3	4	5	6	7	8	9
<i>Stroke Index</i>	4	8	3	6	1	7	2	9	5