

## Woods Walk - Example of Determining Lewis Classes and Place Awards

Using test data, the spreadsheet below provides sample results to illustrate how we determine Lewis Classes and Place Awards for the Woods Walk Match at Harrisburg Hunters & Anglers.

### Gun Classes

Three Gun Classes are allowed at our matches:

- Centerfire Handguns with Iron Sights
- Centerfire Handguns with Red Dots
- Rimfire Handguns with Any Sights (Iron Sights or Red Dots)

\$10 entry fee per gun (limit 2).

Each Gun Class is handled separately for awards.

In this example, all shooters are in **Centerfire Handguns with Iron Sights** Gun Class.

We use the rules below to determine Lewis Classes and Place Awards.

The same rules would be used to determine awards for the shooters in other Gun Classes.

### Number of Paid Shooters

We have **43** paid shooters shown, ranked in descending order by Score. Ties are shown in order of initial of First Name.

### Lewis Class Rules

For 1-10 shooters - Establish 1 Lewis Class - A

For 11-20 shooters - Establish 2 Lewis Classes - A, B

For 21-30 shooters - Establish 3 Lewis Classes - A, B, C

For 31-40 shooters - Establish 4 Lewis Classes - A, B, C, D

For 41-50 shooters - Establish 5 Lewis Classes - A, B, C, D, E

For 51-60 shooters - Establish 6 Lewis Classes - A, B, C, D, E, F

Since we have **43** shooters, we need to establish 5 Lewis Classes.

Divide 43 shooters by 5 to create groups for Lewis Classes A through E.

Since we have an odd number of shooters, the remainder goes into the last group (Lewis Class E).

Lewis Classes A through D contain 8 shooters. Lewis Class E contains 11.

### Place Award Rules

Lewis Classes are determined based on the number of paid shooters in a particular Gun Class.

We use our Lewis Class Payout Calculator to determine the dividing lines for the Lewis Classes, and the amount of money to be allocated for each Lewis Class Payout Pot.

The percentage of money in our A Class Payout Pot is a little higher than for the lower Classes.

This gives the higher level shooters an incentive to come and compete at our matches.

The percentages of money for the lower Classes (B through whatever) are even across the spectrum

to provide a fair distribution of money to the lower level shooters. The percentages vary depending upon the number of Gun Classes established.

1st, 2nd, and 3rd Place Awards normally go to the top 3 Shooters in each Lewis Class using a 50/30/20% split of their allocated Payout Pot.

Any tie scores split the award evenly, rounding up as necessary.

Sometimes a particular Gun Class may not have many shooters in it, and only Lewis Class A is established. In such a case, if there are at least 3 shooters, the 1st, 2nd, and 3rd Place Awards would go to the top 3 Shooters using a 50/30/20 split of the money in the allocated Payout Pot. If there are only 2 shooters, 1st and 2nd Places are awarded using a 60/40% split of the money in the allocated Payout Pot. If only 1 shooter exists, 1st Place is awarded 100% of the allocated Payout Pot.

Tie score situations, which cross Lewis Class dividing lines, need to be addressed.

We have set up some examples below to illustrate how such ties are handled when determining Place Awards. See Comments for explanations.

## Awards

A minimum of 50% of entry fees received will be paid back to the shooters as cash awards.

The Place Award amounts are determined separately using our Lewis Class Payout Calculator, which is programmed with agreed-upon formulas to establish payout pots, and provide fair and balanced distribution of awards across all Lewis Classes.

Any ties for Place Awards are split evenly. Awards may be increased in order to be split evenly.

Cash awards are rounded to the nearest dollar to avoid using coins.

Certificates of Achievement are awarded to the Winners of each Gun Class.

## Sample Woods Walk Match Results

### Centerfire Handguns with Iron Sights Gun Class

43 Paid Shooters @ \$10 ea

Lewis Classes 1-9-17-25-33

	Shooter	Class	Score	Place	Award	Comments
1	1 Jason S	CF/Iron	47	A-1	30	Here we have normal Payouts for 1st, 2nd and 3rd Places in Lewis Class A. Jason gets a Certificate for Winning <b>CF Handguns with Iron Sights</b> Gun Class.
2	2 Marty R	CF/Iron	45	A-2	18	
3	3 Mike C	CF/Iron	44	A-3	12	
4	4 Jason S	CF/Iron	42			
5	5 Mike C	CF/Iron	40			
6	6 Rick W	CF/Iron	39			
7	7 Tom Z	CF/Iron	37			
8	8 David K	CF/Iron	35	B-1 Tie	10	
9	1 Marty R	CF/Iron	35	B-1 Tie	10	Here we have a 2-way tie crossing the Lewis Class dividing line. David will be moved down to the lower B Class. (This is always the case in a 2-way tie splitting the
10	2 George M	CF/Iron	33	B-2	12	
11	3 Frank R	CF/Iron	32	B-3	8	
12	4 John P	CF/Iron	31			

13	5	Frank S	CF/Iron	30			Lewis Class dividing line.)
14	6	Sue H	CF/Iron	28			The B-1 award of \$19 will be rounded up to \$20,
15	7	Eric P	CF/Iron	27			so it can be split evenly by David and Marty.
16	8	James D	CF/Iron	26			The B-2 and B-3 awards go to George and Frank.
17	1	Marty R	CF/Iron	25	C-1 Tie	10	Here we have a normal 2-way tie for C-1.
18	2	Tom Z	CF/Iron	25	C-1 Tie	10	The C-1 award of \$19 is rounded up to \$20,
19	3	Dave F	CF/Iron	24	C-2	12	so Marty and Tom can split it evenly.
20	4	Dick R	CF/Iron	23	C-3	8	The C-2 and C-3 awards go to Dave and Dick.
21	5	Sue H	CF/Iron	22			
22	6	Al S	CF/Iron	21			
23	7	Bill C	CF/Iron	20			
24	8	Mark E	CF/Iron	20			
25	1	George M	CF/Iron	20			Here we have a 3-way tie crossing the Lewis
26	2	Norm T	CF/Iron	19	D-1	19	Class dividing line.
27	3	Dave K	CF/Iron	18	D-2	12	George will be moved up to the higher C Class
28	4	Charley M.	CF/Iron	17	D-3	8	where the majority of the tie scores appear.
29	5	Norm T	CF/Iron	16			Unfortunately, George gets no award.
30	6	Dave K	CF/Iron	15			The D Class awards now go to Norm, Dave,
31	7	Jim Z	CF/Iron	14			and Charley.
32	8	Frank D	CF/Iron	13	E-1 Tie	7	
33	1	Dick R	CF/Iron	13	E-1 Tie	7	Here we have another 3-way tie crossing
34	2	Ken W	CF/Iron	13	E-1 Tie	7	the Lewis Class dividing line.
35	3	Jim L	CF/Iron	12	E-2	12	Frank will be moved down to the lower E Class
36	4	Dave F	CF/Iron	11	E-3	8	where the majority of the tie scores appear.
37	5	Lane P	CF/Iron	10			The E-1 award of \$19 is rounded up to \$21, so
38	6	Ken W	CF/Iron	9			it can be split evenly by Frank, Dick, and Ken.
39	7	Mark E	CF/Iron	8			The E-2 and E-3 awards go to Jim and Dave.
40	8	Bob T	CF/Iron	7			
41	9	John K	CF/Iron	6			
42	10	Jerry D	CF/Iron	5			
43	11	Eric P	CF/Iron	4			

**Fees Received \$430**  
**(43\* \$10)**

**Awards Paid \$220**  
**50.93%**

Revised: July 22, 2024

