

Striker-Fire Challenge - How Lewis Class Works for Our Matches

Introduction

The Lewis Classification System (Lewis Class) is a method for distributing prize money across a whole field of shooters, and not just to a few shooters who come out at the top in a match. Lewis Class gives all shooters a chance at winning some money, regardless of their skill level.

There is no "one size fits all" way to do it, and Match Directors must pre-determine how they want to do it, and set the rules to be followed in advance of holding a match. It can get confusing, so it's important to have the rules and procedures to be followed in writing for handy reference.

Using test data, the spreadsheet below provides an example to illustrate how we determine Lewis Classes and Place Awards for the Striker-Fire Challenge Matches held at HH&A.

Gun Classes

There are 3 Gun Classes in our matches: Stock, Open, and Concealed Carry.

Each Gun Class is handled separately for awards.

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

In this example, all shooters are in Stock Class.

The same rules would be used to determine classes and awards for the shooters in the other classes.

Number of Paid Shooters

We have 55 paid shooters shown, ranked in descending order by Score and X-count. Ties are shown in order of the initial of Last 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

Etc.

Since we have 55 shooters, we need to establish 6 Lewis Classes.

Divide 55 shooters by 6 to create groups for Lewis Classes A through F.

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

Lewis Classes A through E contain 9 shooters. Lewis Class F contains 10.

Place Award Rules

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.

Sometimes there are ineligible shooters (who aren't allowed to win a 2nd or 3rd award in the same Lewis Class), or there might be tie scores to consider.

In situations involving ineligible shooters, the award passes down to the next eligible shooter within the same Lewis Class.

Tie score situations, some of which may cross Lewis Class dividing lines, also need to be addressed. We have set up some examples below to illustrate how ineligible shooters and ties are handled when determining Place Awards. See Comments below for explanations.

Sometimes a particular Gun Class may not have many shooters in it. In such a case, the Gun Class may only have Lewis Class A established. If only 2 eligible shooters exist, only 1st and 2nd Places are awarded using a 60/40% split of the money in the allocated Payout Pot. If only 1 eligible shooter exists, only 1st Place is awarded using 100% of the allocated Payout Pot.

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.

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

Certificates of Achievement are given to shooters who break or tie a Standing Record, and to anyone who shoots a perfect score (Honorary 500 or 400 Club).

Standing Records will be maintained for each Gun Class.

Sample Striker-Fire Match Results

Stock Class - 55 Paid Shooters @ \$10 ea

Lewis Classes 1-10-19-28-37-46

	Shooter	Class	Score	X	Place	Award	Comments
1	1 Jason S	Stock	499	43	A-1	\$34	Here we have normal Payouts for 1st, 2nd and 3rd Places. All three winners are eligible. Jason gets a Certificate for setting a record with his high score.
2	2 Marty R	Stock	494	39	A-2	21	
3	3 Mike C	Stock	487	34	A-3	14	
4	4 Jason S	Stock	482	32			
5	5 Mike C	Stock	481	26			
6	6 Rick W	Stock	481	26			
7	7 Tom Z	Stock	478	32			
8	8 David K	Stock	478	30			
9	9 John P	Stock	477	32			
10	1 Marty R	Stock	475	37	B-1	21	In this example, Marty is ineligible for a 2nd award in the same Lewis Class. The B-3 award moves down to John, the next eligible shooter.
11	2 George M	Stock	475	30	B-2	12	
12	3 Marty R	Stock	474	29			
13	4 John P	Stock	473	29	B-3	8	
14	5 Sue H	Stock	471	24			
15	6 Eric P	Stock	468	25			
16	7 James D	Stock	465	30			
17	8 Tom Z	Stock	463	32			

18	9	Kevin M	Stock	462	23			
19	1	Marty R	Stock	461	24	C-1 Tie	11	Here we have a 2-way tie for C-1. The C-1 award of \$21 is rounded up to \$22, so Marty and Tom can split it evenly. The C-2 and C-3 awards move down to the next eligible shooters, Dave and Dick.
20	2	Tom Z	Stock	461	24	C-1 Tie	11	
21	3	Dave F	Stock	456	19	C-2	12	
22	4	Dick R	Stock	451	19	C-3	8	
23	5	Sue H	Stock	450	21			
24	6	George M	Stock	449	22			
25	7	Mark E	Stock	446	20			
26	8	Norm A	Stock	442	19			
27	9	Dave K	Stock	442	19			
28	1	George M	Stock	442	19			Here we have a 3-way tie crossing the Lewis Class dividing line. George will be moved up to the higher C Class where the majority of the tie scores appear. Unfortunately, George gets no award. The D Class awards will move down to Norm, Dave, and George, the next eligible shooters.
29	2	Norm T	Stock	442	14	D-1	21	
30	3	Dave K	Stock	437	31	D-2	12	
31	4	George M	Stock	437	28	D-3	8	
32	5	Rick W	Stock	431	24			
33	6	Rick W	Stock	429	24			
34	7	Sue H	Stock	429	20			
35	8	Sue H	Stock	429	20			
36	9	Frank J	Stock	427	19	E-1 Tie	7	
37	1	Dick R	Stock	427	19	E-1 Tie	7	Here we have another 3-way tie crossing the Lewis Class dividing line. Frank will be moved down to the lower E Class where the majority of the tie scores appear. The E-1 award of \$21 is split evenly 3 ways by Frank, Dick, and Ken. The E-2 and E-3 awards move down to the next eligible shooters, Jim and Dave.
38	2	Ken W	Stock	427	19	E-1 Tie	7	
39	3	Jim L	Stock	425	17	E-2	12	
40	4	Dave F	Stock	423	14	E-3	8	
41	5	Lane P	Stock	423	11			
42	6	Ken W	Stock	417	18			
43	7	Ken W	Stock	417	18			
44	8	Ed D	Stock	414	16			
45	9	Ed D	Stock	411	15	F-1 Tie	11	
46	1	Vince K	Stock	411	15	F-1 Tie	11	In this case, we have a two-way tie crossing the Lewis Class dividing line. Ed will be moved down to the head of the lower F Class. The F-1 award of \$21 is rounded up to \$22, so Ed and Vince can split it evenly. The F-2 and F-3 awards move down to the next eligible shooters, Mike and Tom.
47	2	Mike C	Stock	410	12	F-2	12	
48	3	Tom S	Stock	409	14	F-3	8	
49	4	Dennis C	Stock	408	12			
50	5	Tom S	Stock	406	11			
51	6	Dennis C	Stock	400	10			
52	7	Ed D	Stock	399	9			
53	8	Ed D	Stock	391	12			
54	9	David K	Stock	387	8			
55	10	Eric P	Stock	387	6			

Fees Received \$550
(55* \$10)

Awards Paid \$276
(Min 50%)

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