

## Proposed Performance Ranking system for NEISA Fall 2018

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### **Executive summary:**

The old system (up until Fall 2017) was tweaked over many years and worked well to determine conference ranks with the expanding depth at our conference level. An attempt was made to preserve as much of the old system as possible. The women's PR system is configured to match the co-ed system as closely as possible. Another notable change: the former decimal system, which was baseless and confusing was replaced by a "metric" type of system -- the highest score possible in the system will be "10". Some clarifications of confusing scoring scenarios are spelled out in this report.

### **2018 Proposed Performance Ranking system**

Co-ed PR will have the same number of scored events as in 2017: top 4 plus mandatory Schell/Dinghy Tournament

The scoring "levels" will be, in order of maximum value to minimum value:

- 1) Superscore: Schell/Dinghy Tournament; Showcase final/alt Showcase final - max 10 points
- 2) A - level events - max 8.5 points
- 3) B-level events - max 5.0 points
- 4) C-level events - max 4.16 points

(the above scenario assumes 18 boats at all events):

B-level events will have a "floor" of 16 boats at all events (for scoring purposes in the performance rank). This includes keelboat events (Harmon and Pine). The goal is to provide high scoring opportunities for teams outside the top 10.

B-level regattas with multiple entries from a single school must declare "Team 1" and "Team 2" prior to the start of the event. "Team 1" will thereafter be eligible for PR points; "Team 2" will be omitted from the PR.

Match Race New Englands will be A-level and have a "floor" of 16 boats as the scoring denominator.

Single-handed New Englands will be unchanged from a PR perspective. It's an "A level" event, and the number of competitors will be the number of unique schools competing.

The "superscore" procedure at the Schell/Dinghy tournament will remain the same (but with the new value tables). However, the "superscore" procedure at the showcase finals/alt-finals will be **different** than the ACC/ACT "superscore" procedure with which we are familiar. The alt-finals winner will receive 19th place points, regardless of the worst placed NEISA team at the showcase finals.

Co-ed scoring table basis:  
Out with the old.....

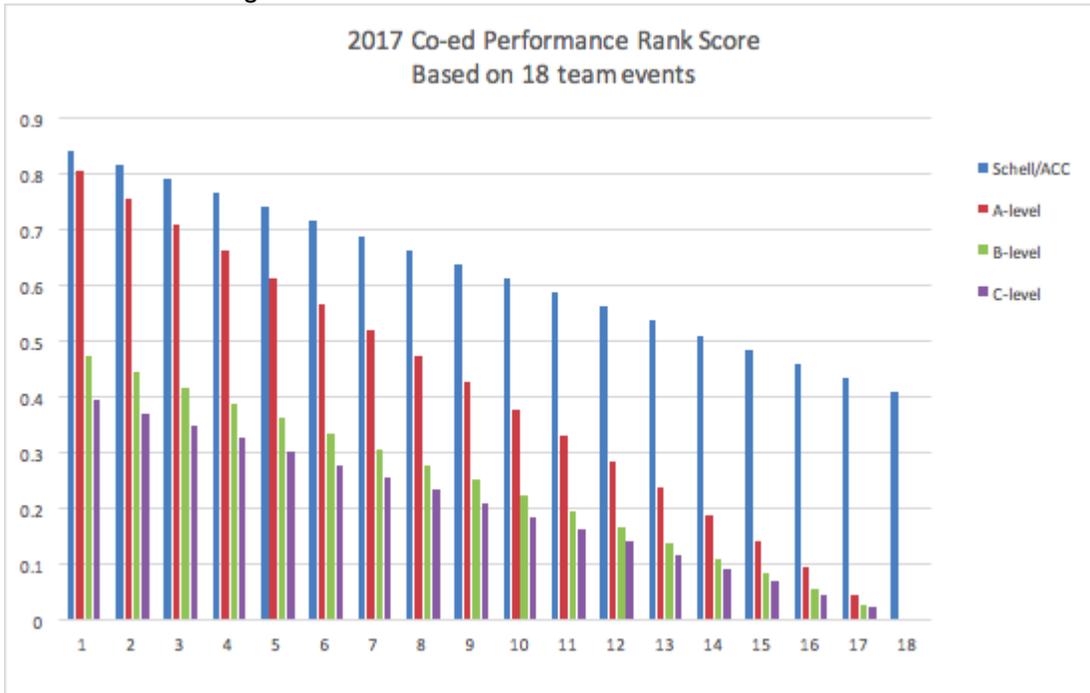
2017 Performance rank. Assume 18 boats. Also, ratios of each level in relation to each other							
Positid	Schell/ACC	A-level	B-level	C-level	A% of Schell	B% of A	C% of B
1	0.843	0.805	0.474	0.395	95	59	83
2	0.818	0.757	0.446	0.372	93	59	83
3	0.792	0.71	0.418	0.349	90	59	83
4	0.767	0.663	0.39	0.326	86	59	84
5	0.741	0.615	0.362	0.302	83	59	83
6	0.716	0.568	0.334	0.279	79	59	84
7	0.69	0.521	0.306	0.256	76	59	84
8	0.665	0.473	0.279	0.233	71	59	84
9	0.639	0.426	0.251	0.209	67	59	83
10	0.613	0.379	0.223	0.186	62	59	83
11	0.588	0.331	0.195	0.163	56	59	84
12	0.562	0.284	0.167	0.14	51	59	84
13	0.537	0.237	0.139	0.116	44	59	83
14	0.511	0.189	0.111	0.093	37	59	84
15	0.486	0.142	0.084	0.07	29	59	83
16	0.46	0.095	0.056	0.047	21	59	84
17	0.435	0.047	0.028	0.023	11	60	82
18	0.409	0	0	0			

In with the new!

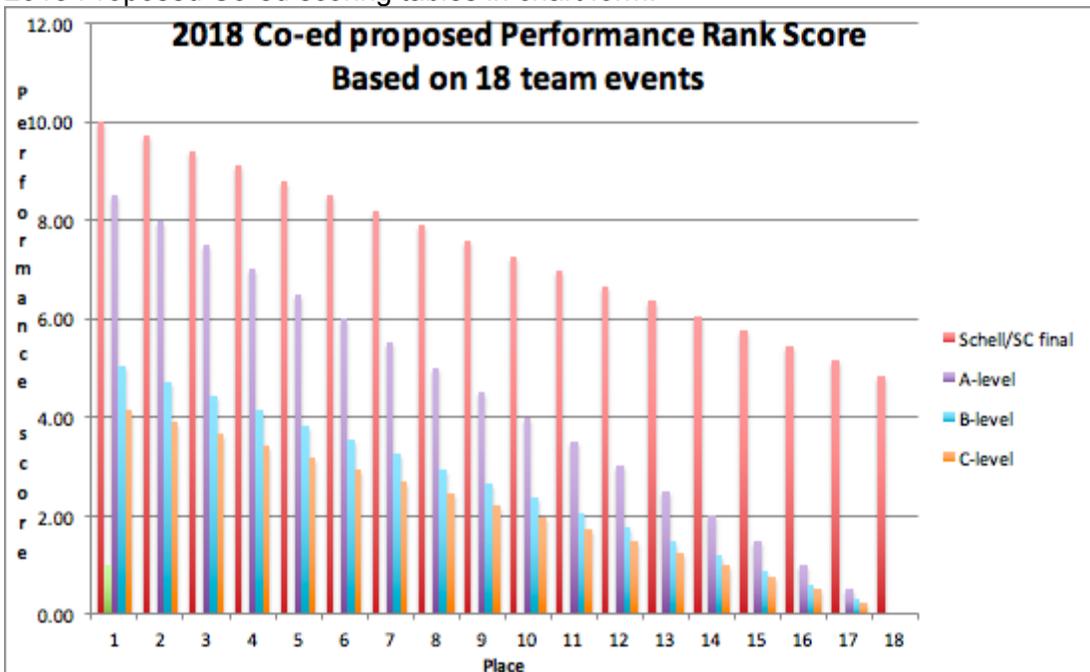
2018 Proposed Performance rank. Assume 18 boats. Also, ratios of each level in relation to each other							
Positid	Schell/SC final	A-level	B-level	C-level	A% of Schell	B% of A	C% of B
1	10.00	8.50	5.01	4.16	85	59	83
2	9.70	8.00	4.72	3.92	82	59	83
3	9.40	7.50	4.42	3.67	80	59	83
4	9.10	7.00	4.13	3.43	77	59	83
5	8.79	6.50	3.84	3.18	74	59	83
6	8.49	6.00	3.54	2.94	71	59	83
7	8.19	5.50	3.25	2.69	67	59	83
8	7.89	5.00	2.95	2.45	63	59	83
9	7.58	4.50	2.65	2.20	59	59	83
10	7.27	4.00	2.36	1.96	55	59	83
11	6.98	3.50	2.06	1.71	50	59	83
12	6.67	3.00	1.77	1.47	45	59	83
13	6.37	2.50	1.48	1.23	39	59	83
14	6.06	2.00	1.18	0.98	33	59	83
15	5.77	1.50	0.88	0.73	26	59	83
16	5.46	1.00	0.59	0.49	18	59	83
17	5.16	0.50	0.29	0.24	10	59	83
18	4.85	0.00	0.00	0.00			

Note: there is a slightly higher premium on Schell/SC final vs. A-level events as there used to be. In the old method, a 1st at an A level was worth 95% of 1st at the Schell. Now, 1st at an A level is 85% of 1st at Schell and Showcase final.

2017 Co-ed scoring table in chart form:



2018 Proposed Co-ed scoring tables in chart form:



## 2018 Proposed Women's Performance Ranking System

The women's performance ranking system will mirror the Co-ed ranking as closely as possible and score the top 4 events plus mandatory Urn Trophy score. There are some key differences: Urn and Showcase finals are not superscored, but weighted higher.

Showcase alt-finals will tentatively be a "b" level regatta.

B level women's regattas are weighted relatively higher than co-ed b (as a % of a). For this reason, b level events will be scored on the number of boats entered (no 16 boat minimum).

Women's Scoring tables:

2017 Women's Performance rank scores:

Position	A-18 teams	B-18 teams	B% of A
1	0.805	0.568	71
2	0.757	0.535	71
3	0.71	0.501	71
4	0.663	0.468	71
5	0.615	0.434	71
6	0.568	0.401	71
7	0.521	0.368	71
8	0.473	0.334	71
9	0.426	0.301	71
10	0.379	0.267	70
11	0.331	0.234	71
12	0.284	0.2	70
13	0.237	0.167	70
14	0.189	0.134	71
15	0.142	0.1	70
16	0.095	0.067	71
17	0.047	0.033	70
18	0	0	

2018 Proposed Women's Performance Ranking

Pos.	Urn/SC Finals	A-level	B-level	A% of Urn	B% of A
1	10.00	8.50	7.00	85	70
2	9.40	7.99	6.58	85	70
3	8.82	7.50	6.17	85	70
4	8.24	7.00	5.77	85	70
5	7.64	6.49	5.35	85	70
6	7.06	6.00	4.94	85	70
7	6.47	5.50	4.53	85	70
8	5.88	4.99	4.11	85	70

In chart form:

