

**Part X Appendix A**  
**A Comparison of Contract Prices of Torpedo Boats 1-18**  
**Awarded Mar. 1888- Oct. 1896**

Source: Harrison S. Taft Esq. Associate Member, "A Comparison of the Contract Prices of our Naval Vessels", *Transactions Society of Naval Architects and Marine Engineers*. New York Nov. 15 & 16, 1900. Pages 197-219.

Notes

1. This paper seeks to show by tables and plotted curves of contract prices.
  - a. Relative price of different vessels in seven classes built for the Navy: Battleships, Monitors, Armored Cruisers, Protected Cruisers, Gunboats, Torpedo Boats and Destroyers.
  - b. Relative prices between different firms in different parts of the country.
  - c. Relative prices of the different classes one to another.
  - d. The direction in which prices have been tending.
2. Because of the "great variety of species found in the torpedo boat branch" there is a scattering of data points.
3. Average torpedo boat prices decreased slightly over the period 1888-1896 – (Extracted from Plates 115 & 116)
  - a. Average Price per ton decreased from \$900/ton to \$830/ton.
  - b. Average Price per ton-knot decreased from \$40/ton-knot to \$32/ton-knot.
4. There is a general consensus among the comments on the paper the data, although interesting, offered no significant conclusions.
5. The following torpedo boat table of TBs 1-18 data is extracted from Table 7, pg. 208.

## TORPEDO-BOATS.

Table No. 7.

208 COMPARISON OF CONTRACT PRICES OF OUR NAVAL VESSELS.

No.	Name.	Builder.	Contract Date.	Normal disp'nt.	Contract speed. Knots.	Contract price.	Cost per ton.	Cost ton-knot.
1	Cushing.....	Herreshoffs .....	Mar. '88	105	22.0	82,750	788.09	35.82
2	Ericsson.....	Iowa Iron Works.....	Oct. '91	120	24.0	113,500	945.83	39.41
3	Foote.....	Columbian Iron Works.....	May '95	142	24.5	97,500	686.62	28.02
4	Rogers .....	Columbian Iron Works .....	May '95	142	24.5	97,500	686.62	28.02
5	Winslow.....	Columbian Iron Works .....	May '95	142	24.5	97,500	686.62	28.02
6	Porter.....	Herreshoffs .....	Oct. '95	165	27.5	144,000	872.73	31.74
7	Dupont .....	Herreshoffs .....	Oct. '95	165	27.5	144,000	872.73	31.74
8	Rowan .....	Moran Brothers .....	Oct. '95	182	26.0	160,000	879.12	33.81
9	Dahlgren.....	Bath Iron Works.....	Oct. '96	146.4	30.5	194,000	1,325.14	43.45
10	T. A. M. Craven....	Bath Iron Works.....	Oct. '96	146.4	30.5	194,000	1,325.14	43.45
11	Farragut.....	Union Iron Works.....	Oct. '96	279	30.0	227,500	815.41	27.18
12	Davis .....	Wolf-Zwicker .....	Oct. '96	154	22.5	81,546	529.52	23.53
13	Fox .....	Wolf-Zwicker .....	Oct. '96	154	22.5	81,546	529.52	23.53
14	Morris.....	Herreshoffs .....	Oct. '96	104.7	22.5	85,000	811.84	36.08
15	Talbot.....	Herreshoffs .....	Oct. '96	46.5	20.0	39,000	838.71	41.93
16	Gwin.....	Herreshoffs .....	Oct. '96	46	20.0	39,000	847.82	42.39
17	Mackenzie.....	Chas. Hillman Co.....	Oct. '96	65	20.0	48,500	746.16	37.31
18	McKee.....	Columbian Iron Works.....	Oct. '96	65	20.0	45,000	692.31	34.61