

Holograph copy of accounts submitted by the Navy for 1664-6.

Author: Isaac Newton
Source: MINT 19/3/460-63, National Archives, Kew, Richmond, Surrey, UK

<460r>

The whole charge of the Navy for 27 Naval Months, accounting from the 1st of Sep^t 1664 to the last of Sep^t 1666, as it was drawn up at a Committee of the house of Commons & reported Oct. 11. 1666. By Sir W^m Louthier Chairman of that Committe

			One month			27 months		
			l ^b	s	d	{l ^b }	{s}	{d}
For 28410 men at 4 ^{l^b} a head per month	}		113640.	00.	00	3068280.	00.	00
For that Office of that Ordnance			010745.	00.	00	0290115.	00.	00
For building new ships			002993.	00.	00	0080811.	00.	00
For widdows & Orphans			000447.	00.	00	0012069.	00.	00
For sick & wounded men & for the charg of prisoners	}		001481.	00.	00	0039987.	00.	00
For Merchants vessels lost in the 27 months	}		<u>00429.</u>	<u>00.</u>	<u>00</u>	<u>0011583.</u>	<u>00.</u>	<u>00</u>
{Remain}			129735.	00.	00	<u>3502845.</u>	<u>00.</u>	<u>00</u>
To be abated for wear & tear for the two winters whilst the ships were in Harbour					}	<u>150000.</u>	<u>00.</u>	<u>00</u>
The charge remaining for the 27 Nov						<u>3352845.</u>	<u>00.</u>	<u>00</u>
Deduct one month						<u>129735.</u>	<u>00.</u>	<u>00</u>
Remains						<u>3223110.</u>	<u>00.</u>	<u>00</u>

So deducting one Month the estimate of the charge of war at sea for these two last years, being 26 months by naval accompt (by deducting 129735^{l^b} the charge of one month), amounts to 3223110^{l^b}. 00^s. 00^d.

Observations upon the above stated accompt,

1st That the above mentioned rate of 124385^{l^b} per month for 28410 men & for the Office of the Ordinance is stated to as great a value as if the ships had been full manned victuated rigged & Tackled set out to sea & in actual service.

2^{dly} That the account is stated for two whole years as well winter as summer deducting only 150000^{l^b} for wear & Tear. So the (the deducted only excepted) the charge for all the winter months (when most of the Navy (except a few ships for a winter guard) is laid up in harbour & there is no expence of shot or powder or breaking of guns & few seamen or soldiers are kept on board, & the soldiers pay at land at 8^d per day (if continued standing) but 18^s & 8^d per month) is made as big as it is in summer when the ships are full manned & in actual service spending shot & powder & are estimated at 4^{l^b} a head per mans which will fully defray both the wages & diet of all seamen & soldiers & all the charges of repairing all ships rigging & Tackle endammaged in Fighting & service. So that by this one thing the <460v> the charge is stated as if it amounted to above a 3^d part more then the charge could possibly be, admitting the rates & number of men above propounded, which yet cannot be granted by any one that know what number of men is requisite to man that whole navy &c.

3^{dly} It is stated as if that Fleet had been set out that 1st of Sept 1664, wheras it is notorious it was not set out till spring following, & that many of the ships were upon the stocks & repairing betwixt Christmas & spring

4^{thly} The above stated account includes all the charge of the Navy & consequently all money arising from the Custome house (besides all prises) were as so much ready money, being freed during that war from all that charge of the Navy which it annually discharges in time of peace

5^{thly} No Navy was set out the next year & therefore if all this account was allowed the charge was but 3352845^{l^b}, whereas the money given for that war amounted to near about five millions & an half: so that the court had above two millions clear, besides all prizes & the customes cleared of all charges during this war.

<462r>

Note that in that Navy office there is a settled Rule for manning his Majesties Royal Navy, which rule is called the establishment, & shews that there are most men required to man a ship of war in time of war at home viz^t any war at sea on this side {of} Tangier or that Canaries. Fewer men in time of war abroad viz against that Algerians &c And fewest in time of peace viz^t for winter & summer guards & for Convoys And as to that 74 ships of war which were to have been part of the ninety & to have been set out against France the following numbers of men to each ship was copied out of M^r Pepys his papers as being the numbers of men agreed by the said establishment to be the number requisite for manning those ships either in time of peace or in time of war abroad or in time of war at home.

Ships		In war at home	In war abroad	In time of peace	Fourth rates			
First rates		men	men	men	26	Adventure	190	160 120
1	Charles	710	605	500	27	Antelope	230	200 150
2	Charles royall	780	670	560	28	Assistance	230	200 150
3	Prince royal	780	670	560	29	Assurance	180	150 115
4	James royall	<u>780</u>	<u>670</u>	<u>560</u>	30	Bristol	230	200 150
		3050			31	Centurion	230	200 150
Second rates					32	Charles Friggot	220	220 220

5	French Ruby	520		435	350		33	Constant Warwick	180	150	115
6	Catherine royal	540		450	300		34	S. David	280	240	185
7	Rainbow	410		335	270		35	Diamond	230	200	150
8	Victory	530		440	350		36	Dover	230	200	150
9	Vnicorn	<u>410</u>		<u>335</u>	<u>270</u>		37	Falcon	180	150	115
	Third rates	2410					38	Foresight	230	200	150
10	Cambridge	420		345	270		39	Greenwich	280	240	185
11	Defiance	390		310	245		40	Hampshire	220	185	140
12	Dread nought	355		280	215		41	Happy return	2{6}0	240	185
13	Dunkirk	340		270	210		42	Iames Friggot	200	200	200
14	Edgar	445		370	290		43	Iersey	230	200	150
15	Harwich	420		345	270		44	Kings Fisher	220	185	140
16	Henrietta	355		280	215		45	Leopard	280	240	185
17	Lyon	340		270	210		46	Mary Rose	230	200	200
18	Mary	365		280	215		47	Newcastle	280	240	150
19	Mountague	355		280	215		48	Nonsuch	180	150	140
20	Monmouth	400		320	255		49	Oxford	280	240	185
21	Oak royall	470		390	310		50	Phoœnix	180	150	115
22	Plymouth	340		270	210		51	Portland	240	210	155
23	Rupert	400		320	255		52	Portsmouth	220	185	140
24	Swift sure	400		320	255		53	Reserve	230	200	150
25	York.	360		285	220		54	Ruby	230	200	150
						<462v>					
55	Stavoreen	230	200	150	Sixt						
56	Swallow	130	200	150	Drake	75	65	45			
57	Sweepstakes	180	150	115	Francis	75	65	45			
58	Woolwich	280	140	185	Grey hound	75	65	45			
		<u>7540</u>			Lark	85	70	50			
	Fift rates				Roebuck	75	65	45			
59	Darmouth	135	115	90	<u>Swadadoes</u>	<u>75</u>	<u>65</u>	<u>45</u>			
60	Guardland	130	110	85		460					

Guernsey	130	110	85	Total of men	20930	17510	13775
Hunter	130	110	85				
Mirmaid	135	115	90				
Norwich	130	110	85				
Pearl	130	110	85				
Rose	125	105	80				
Sapphire	135	115	90				
Swan	135	115	90				
	1315						

In a first rate ship in time of war at home

				Number of men		Weight of each cannon		Weight of each sort of Cannon	
		To every whole Canon	7 men			Tun	cwt	Tun	cwt
On the lower Deck	{	Twenty six whole canon	—	182.		3.	5	84.	10
		To carry powder for them one man to every four guns	}	6					
		To overlook those Guns	4 men	4					
		To every whole Culverin	5 men						
On the middle Deck	{	Twenty eight whole Culverins		140.		2.	2	58.	16
		To carry powder for them one man to every three guns	}	9					
		To overlook those gunns	4 men	4					
		To every Saker 3 men							
On the upper	{	Twenty eight Sakers		84		1.	0	28.	0
		To carry powder for them one man to every two gunns	}	14					
		To overlook those guns	4 men	4					
On the Quarter Deck Poop & Forecastle	{	To every Saker 3 men							
		Sixteen Sakers		48		1.	0	16.	0

	To carry powder for them one man to every two gunns	}	8
	In the fire Pouder Room	8 men	8
To fill powder	{ In the after Pouder Room	5 men	5
	In the Hatch 3 men		3
To guard the Hatch ways & carry wounded men down 4 men at each deck		}	12
	The Chirurgeons crew Eight		8
	Carpenters crew eight		8
	Stewards Room & Coppers crew six		6
	To Cux the ship two men		2
	To steare the ship two men		2
	For small shot an hundred men		100
	To trim or hand the Sails Eighty		80
	For the main top six		6
	For the fore top four		4.

<463r>

To such a ship three boats with each of them ten men	}	30.
Total of men		777
Total weight of all the Guns		187. 6
