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Commercial Relations
between
India and England
(1601 to 1757)

BY

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WITH A MAP

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PREFACE

THE want of a comprehensive and systematic history of the rise and progress of the most extensive branch of commerce ever known in the annals of mankind and reared up with a marvellous tact and tenacity by a body of London merchants is to be deeply regretted. The romantic creation of an Empire greater than that of ancient Rome, the extraordinary magnitude of the Indo-British trade, the wonderful ramifications of British capital in India, the complete monopoly of the carrying and shipping trades of the major part of the Orient, the political domination of the British in the two continents of Asia and Africa—all demand a serious study of the beginnings of the English relations with the East. The phenomenal growth and gigantic dimensions of the Anglo-Oriental trade in the nineteenth century have led people to forget the long and bitter struggles made by the East India Company to build it up. The slow and sluggish course of the trickling rill of this trade which has swelled to a mighty stream in the present age, does not deserve oblivion.

The real volume and character of the East India Company's trade and navigation which have so long remained hidden from the public view, will form the theme of this work. In the greater part of it I have had no predecessor: The published works of Abbé Raynal, Anderson, Bruce, Charles D'Avenant, Mill, Milburn, Moreau, Macpherson and Wisset, supply only fragmentary evidence for the century and a half dealt with in this book. There is a large number of tracts of controversial character written by the apologists and opponents of the Company in the years 1615-25 and 1670-1710, when questions like the monopoly of the Indian trade by the

Company, the export of bullion and the effects of Indian imports on English manufactures, formed the storm centres of partisan controversy. The writers of the second period were so much occupied with the bullion and protection controversies in the abstract that there is almost nothing in their works on the export and import trade between India and England, and whatever little there is, has been very much marred by their exaggerations and understatements which are only too natural in a polemic literature. The period of fifty-five years from 1625 to 1679 is more or less a blank in all these works, and even before and after this dark period the reader looks in vain for any continuous narration of the extent and character of the commercial dealings of the English before their acquisition of political power in Bengal.

The work opens with a detailed description of the commercial, industrial and economic conditions of India at the beginning of the seventeenth century, and afterwards traces the changes wrought in them by the Anglo-Indian relation during the century and a half following. Then an attempt has been made to construct a consecutive history of the Indo-British trade in all its essential aspects. The structure has been built by collecting data bit by bit from the published and manuscript records at the India Office, the British Museum, the Public Record Office, and the Board of Customs Library.

For the detailed survey of the volume, character and mechanism of this trade, it has been necessary *for the first time* to

1. Fill up the blank from 1625 to 1680 regarding exports, imports and shipping, as far as it was possible to do from the existing records.

2. Compile the annual returns of English exports, separately both in money and merchandise, from 1654 to 1707, from the Letter Books of the Court of Directors of the East India Company and other records.

3. Make a complete list of all the ships that sailed out from England for the Indies from 1601 to 1707, and thus supple-

ment the rare work done by Charles Hardy in preparing "A Register of Ships employed in the service of the Hon. the United East India Company from the Union of the two Companies, in 1707, to the year 1760," published in 1800.

4. Compile a list of the ships which returned home from the East up to 1660.

5. Give the tonnage, destination and cargo of each of the outgoing ships.

6. Collect the annual quantities and values of each of the chief English commodities exported to the East and of those imported into England during the seventeenth century as far as it was possible to do ; and finally,

7. Extract figures for the quantities of Eastern goods imported in each year from 1698 to 1760 from the sixty-two manuscript volumes on imports and exports available in the Public Record Office and the Board of Customs Library.

I have also given a comparative view of the English and Dutch trades with the East, as well as of their shipping, stocks and dividends from the beginning up to 1760, with frequent references to the Portuguese and French activities. This study brings out the essential fact that the trade between England and the East *was not inferior* in value to that between Holland and the Indies, in spite of the much-vaunted monopolies, power and prosperity of the Dutch.

The chapter on the history of the East India Company's shipping with particular reference to the rates of freights paid for the various parts of Asia from the beginning of the practice of freighting ships up to 1760, the system of hiring ships, and the rules of measuring and rating tonnage, will, it is hoped, be of exceptional use and interest to the students of commercial history.

The last chapter presents a short but clear survey of the very intricate subject of the import duties imposed from time to time in England upon the East India goods. It elucidates their working and their consequences on the Indian

trade before the foundation of the political sovereignty of the British in India.

The large mass of original information compiled from numerous sources after much investigation has been given in the form of appendices in Part II, with the necessary references in the text.

As all the chapters have been written from the study of original records, manuscript documents, and authentic contemporary accounts, it is to be hoped that the book will prove to be a lucid commentary on the romance of the genesis and rise of the British power and trade in the Indies.

In conclusion, it gives me much pleasure to acknowledge my indebtedness to Professor A. J. Sargent, Mr. W. H. Moreland, and Mr. W. Foster of the India Office for making many valuable suggestions for the improvement of the language and subject-matter of this book.

BAL KRISHNA.

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PART II
APPENDICES

CHAPTER I

APPENDIX

Tonnage Employed in the Foreign and Coasting Trades of India in the beginning of the Seventeenth Century.

HERE the results of our survey of the foreign and coastal trade of India are summed up in a tabular form. They are only rough estimates of the approximate tonnage of the shipping employed in the maritime trade of India. In the absence of any positive data, personal impressions play a great part; yet an impartial attempt to express in statistics the vague descriptions of the various travellers will, it is hoped, prove very useful.

Foreign Trade of India.

Countries.	Total tonnage.
With Europe, ¹ from Portugal to India . . .	10,500
" India to Portugal . . .	9,000
Africa, ² either way	5,000
Red Sea ³ "	10,000
Ormus ⁴ "	10,000
Maldives ⁵ "	3,500
Ceylon ⁶ "	12,000
Spice Is. ⁷ "	15,000
Pegu, Siam, Cochin-China, ⁸ etc.	5,000
China, Japan, and Philippines ⁹ directed through Moluccas	5,000
	<hr/> 85,000

¹ See "Imports into Portugal," *infra*. We should also add 700–800 tons of the galleon which annually left Lisbon a month or two before the fleet of carracks, to go direct to Malacca. It carried despatches thither and then loaded cargoes in China and the islands of Sunda (Pyrard, II, p. 15).

² One Portuguese galleon and a few Indian barques and ships seen in Zanzibar and Socotra; Lancaster speaks of a 30-ton barque from Goa (p. 7); three ships, *Pangais*, laden with calicoes, were captured near the island of Pemba (p. 121); Captain Keeling (1607) saw two ships in the Bay of Socotra (p. 119), and talks of trade carried on by the Portuguese there; Downton speaks of a ship belonging to the King of Socotra and of two Indian ships wintering there (p. 185).

C.O. 77, Vol. I, pp. 29–31, embodies an important evidence: "The Portugals do yearly send 8 ships laden with all kinds of merchandise to the

Coasting Trade at the Different Ports of India.

Tatta	10,000 tons.	Malabar Ports	50,000 tons.
Diu	10,000 "	Coromandel	25,000 "
Cambay ¹⁰	100,000 "	Orisea ¹³	5,000 "
Goa ¹¹	100,000 "	Bengal ¹⁴	20,000 "
Surat ¹²	20,000 "		

empire of Prestor John." That Zaila was the place of immense traffic has been borne out by Varthema (p. 86).

³ and ⁴ "Indo-Arabian trade," *infra*, and "Euro-Asiatic centres," *infra*.

⁵ Thirty to forty ships laden with cowries seen by Pyrard; many ships laden with tortoise-shells to Cambay and with fish to Sumatra and India; large amounts of cocconut, coir, mats, etc., were also exported (Pyrard, I, 227 *et seq.*, 236-42).

⁶ "The Pearl Island," *infra*.

⁷ The following facts should be taken into consideration—Achin, 10 to 15 ships of diverse nations from Bengal, Calicut, Pegu, etc.

The King of Achin usually placed at sea 60, 70, and 80 galleys, besides many other vessels without any difficulty. He laid siege to Malacca with 113 sail of ships, galliots, and galleys. The Queen of *Japara* besieged Malacca with 300 sails, including 70 or 80 junks (A.D. 1575) (Conselho Ultramarinho, I, Part I, pp. 25-53). The King of *Java* led an expedition against the King of Passeruan. The latter had 2700 sails, amongst which were a thousand high-built junks and all the rest were vessels with cars. The strength of the fleet of the assailants is not given, yet it must be incredibly great (Pinto, p. 258). There passes not a year wherein, from the provinces and islands of Java, Bali, Madura, Angenio, Borneo, and Solor, there sails not thereunto at the least 1000 junks, besides other smaller vessels, wherewith all the rivers and all the harbours are full (Pinto, p. 285).

Baniam—nine or ten great ships every year from China alone.

Sumatra—thirty ships according to Pyrard. Hautman saw ten ships in the harbour of an ordinary village of Sumatra.

The King of *Tarnate* came to greet the Dutch with thirty-two very neatly built, well manned and mounted ships.

We read of fifty or more ships sailing in Java waters (Dutch Rec., Series I, Vol. IX).

Goa ship of the Captain of Malacca of 700 tons laden with Indian and European goods.

⁸ Three ships of 60-80 tons, elsewhere 80 tons burden, each bound for Martaban; another ship, burden not given; Bengal and St. Thomé ships to Pegu and Arabian ships with Indian and European goods to the same (see "Near East," *infra*).

Fitch testified of the commercial greatness of *Sumergan* (Sunargaon), Dela, Cirion, Pegu, Martavan, Tavi, Tanaseri, Junsataon, and many others.

⁹ *Canton*. We read in "Des Voyages de Jean Mocquet," begun in 1601, that at the port of Canton there were more than three or four thousand very large ships (p. 339, Rouen Edition, 1645).

Pinto speaks of at least 2000 merchant ships coming from China to Japan, among which were twenty-six Portuguese ships. China ships in the islands of Bali, Borneo, Java, etc., were frequently seen.

¹⁰ and ¹¹ Downton saw a fleet of nearly 500 Portugal frigates going to Cambay in February, 1613. Taking 60 tons as the capacity of a frigate, as we have been informed elsewhere, the tonnage of this fleet was about

In other words, the total tonnage employed in the coastal trade of India amounted to 340,000 at the dawn of the seventeenth century.

30,000 tons. On November 28, 1612, he saw a flotilla of 120 Portugal frigates bound for Goa (cf. Lancaster's *Voyages*, pp. 194, 196).

¹² The Portuguese captured, in 1612, 120 small vessels, and ten great ships, one whereof was the *Rehemi* of 1500 tons. The tonnage will therefore be $120 \times 50 = 6000$ plus *Rehemi* of 1500 tons plus $9 \times 400 = 3600$; total being 11,100. This tonnage was captured at one time; some must have remained uncaptured in the Bar and many ships must be out on the sea. Three Indian ships were also seen ready for Sumatra at the port of Surat by Downton (Lancaster's *Voyages*, p. 166).

Captain Sharpeigh informs us that forty to fifty Portuguese frigates ordinarily lay at the Bar of Surat in summer, so that no boats should go in and out without their license (*ibid.*, p. 113).

Now read Wheeler's opinion on the Surat shipping: "The Moghul shipping lay pretty close together in the Surat river. Some of the vessels were more than a thousand tons burden. *Altogether there were more than a hundred good ships, besides smaller vessels.*" On the basis of such-like evidences, do we not err on the side of gross underestimation in fixing the Surat trade at 20,000 tons only?

¹³ Twenty to thirty ships large and small—Frederick; then Pipli, Balasore, and Hari Harpura, city of six to seven miles in compass, were busy ports, though not visited by the travellers whose accounts have been quoted.

¹⁴ This is an understatement, because we know that the rice export alone was very considerable. Pyrard says that "One sees arrive there every day an infinite number of vessels from all parts of India for these provisions" (I, 327).

Thirty to forty ships went to Cochin alone.

Thirty to forty ships returned with cowries from Maldives (Pyrard I, 237-38).

Ships to and from the Southern Islands, Ceylon, Pegu, Siam, etc.

The Bengal vessels were generally of great burden, resembling the Chinese and Arabian junks. Hence their tonnage can be taken to be 500 tons per ship.

To this Haven of Angeli come every year many ships out of India, Nagapatan, Sumatra, Mulacca, and divers other places (Ralph Fitch, p. 182).

In the end, the reader should fully weigh the pregnant words of Nicolo Conti who speaks of Indian merchants as "very rich," so much so that some will carry on their business in forty of their own ships, each of which is valued at 15,000 gold pieces."

CHAPTER II

APPENDIX A

Exports by the East India Company between 1601 and 1619 inclusive.

	Money.	Goods.	Ships sent out.	Re-turned.
1601	£21,742	£8,860	4	4
1603	11,160	1,142	4	3
1606	17,600	7,280	3	3
1607	15,000	3,400	2	—
1608	6,000	1,700	1	1
1609	28,500	21,300	3	1
1610	19,200	10,081	4	4
	£119,202 ¹	£51,763	21	16
1611	£17,675	£10,000	4	3
1612	1,250	650	1	1
1613	18,810	12,446	5	2
1614	13,942	23,000	9	4
1615	26,860	26,065	8	6
1616	52,087	16,506	7	3
1617	} 298,000	} 152,000	9	1
1618			9	1
1619			8	0
			60	20
Total for 19 years	£547,826	£292,430	81	36
Ships remaining 31, lost, worn, and taken by the Dutch 14. ²				
1620-21 ³	£62,490	£28,508	10	1
1621-22	12,900	6,523	4	1
1622-23	61,600	6,430	5	5
1623-24	68,720	17,345	7	5
	£205,710	£58,806	26	12
Total for 23 years	£753,336	£351,236	107	48

¹ Milburn's figures, £119,022, are obviously a misprint.

² Home Misc., 39, p. 124. Printed in full by Danvers, Marine Records, introduction.

³ Moreau's E.I. Company's Records; Macpherson's Commerce with India, p. 110.

It is not easy to reconcile the returns of ships for the years 1622 and 1623 in the preceding statement of the Company with those given by Sainsbury in his Calendar of State Papers. They are also contradictory to another account presented in October, 1623, by the Company themselves, according to which the outgoing ships and their tonnage were as under :—

Year.	No. of ships.	Tonnage in all.
1623	3	710
1624	4	1610
1625	7	3820
1626	6	2140
1627	3	1130
	—	—
	23	9410

(Calendar, IV, pp. 558–59.)

Comparing this statement with the following one based on the shipping list at the end of Part II, we find that there is an ultimate correspondence in the number of ships, but a great divergence in their tonnage, although the latter is in every case based on the Company's own records. It appears that the Company's return for the year 1623–24 in their Report to Parliament in 1625, includes the ships that have been shown as sailing in the year 1624 in the two tables preceding and succeeding these lines :—

Year.	No. of ships.	Tonnage.
1623	3	950
1624	4 (excluding pinnaces)	2350
1625	6	2930
1626	7	3500
1627	3	1550
	—	—
	23	12,280 tons.

The Report of 1625 is again contradictory to another statement made by the Company to Parliament in 1621, wherein it was stated that there had been sent forth 86 ships to the Indies in the term of twenty-one years. According to the former statement, the number of ships ought to have been 95 and not 86. In short, even contemporary evidence does not confirm the validity of the table under discussion.

APPENDIX B

Wyld's Statement of the Company's Trade from 1624 to 1629.

	1624.	1625.	1626.	1627.	1628.	1629.
The Company sent out for Surat in money and goods	£62,000	£36,000	£90,710	£64,700	£61,345	£61,000
And from Bantam was sent in goods	—	30,061	25,486	6,541	7,378	—
	<u>62,000</u>	<u>66,061</u>	<u>116,196</u>	<u>71,241</u>	<u>68,723</u>	<u>61,000</u>
Received in all for this year's investment in goods for England	—	3,445	39,265	4,077	6,400	—
Whereof was sent to Persia in goods and money	6,225	1,792	19,413	11,889	2,800	—
And to Bantam in Goods	13,253	—	—	6,094	6,676	5,400
And to Mocha "	705	5,310	5,817	4,763	3,547	2,500
Disbursed at Surat for Customs	7,786	6,318	4,876	5,626	1,973	2,000
Ship's expenses for provisions	5,985	—	2,256	3,916	3,375	150
House expenses in all factories	2,945	401	265	360	1,225	4,500
House rent " "	—	7,998	4,152	10,352	165	1,250
Charge merchandise	5,097	3,832	1,350	1,350	910	900
Factors' wages on the shore	2,230	633	698	2,964	—	—
Presents in all the factories	—	—	—	—	—	—
<i>Disbursed in all</i>	<u>£58,296</u>	<u>£29,929</u>	<u>£78,092</u>	<u>£51,391</u>	<u>£27,071</u>	<u>£16,700</u>
There remained for Investments for the next year	£3,703	£10,632	£38,104	£19,850	£41,652	£44,300

APPENDIX C

Exports from England from 1624 to 1657.

1624	£62,000	To Surat alone (Wilde's statement).
1625	80,000	Court Minutes in Calendar, IV, p. 284.
1626	90,710	To Surat alone (Wilde's statement).
1627	64,700	To Surat alone (Wilde's statement).
1628	61,000	To Surat alone (Wilde's statement). £21,000 in goods and £40,000 in money (cf. Court Bk., 10, p. 202; Calendar, IV, p. 458).
1629	200,000	Calendar, IV, p. 652, besides provisions of which the charge was above £15,000. £61,000 was for Surat (Wilde's statement).
1630	150,000	On the <i>James, William and Blessing</i> ;
	100,000	On the <i>Mary, Exchange, Speedwell and Hopewell</i> (Eng. Factories, Vol. 1630-33, pp. vii, xvi).
		Cargoes of the <i>Dove</i> and <i>Star</i> not found (cf. Eng. Factories, Vol. 1630-33, p. 113).
	84,171	Should be added to the preceding sums on the evidence of the Court Minutes, wherein it is stated that from 1617 to 1628 there had been sent £1,145,442 in money and goods. Adding up the sums shown against these years in our list, we find a deficiency of £84,171 (Calendar, IV, p. 616).
1631	160,700	Letter Bk., I, p. 78. Cargoes of the <i>Palsgrave</i> and <i>London</i> not included in this sum. Out of it, goods were worth £43,000.
1632	22,454	Letter Bk., I, 130. Cargo of the <i>Swan</i> .
1633	80,386	£61,400 in money and the rest in goods on the <i>Palsgrave, Discovery and Reformaton</i> (Eng. Factories, Vol. 1630-33, p. 28). £66,459 in money according to Calendar, V, p. 373. Resolved to send £160,000 to the Indies (Court Bk., 13, pp. 49, 110).
1634	95,000	Money only (Calendar, V, p. 554).
1635	162,780	£29,450 on the <i>Swan</i> ; £11,000 on the <i>Coaster</i> ; £122,330 on the <i>William</i> and the <i>Crispian</i> (Letter Bk., I, pp. 130, 135).
1636	40,342	£10,342 on the <i>Hart</i> (Letter Bk., I, p. 82). £30,000 on the <i>Mary</i> (Court Bk., 16, p. 149).
1637	31,719	£30,719 on the <i>Eagle</i> and the <i>Jonas</i> (Letter Bk., I, p. 170). One chest of <i>Crusadoes</i> was ordered on the <i>Advice</i> (Court Bk., 16, pp. 203, 249).
1638	22,000 ¹	On the <i>Discovery</i> , no information for the <i>Jewel</i> which had indeed a small stock. W. Foster mentions 20,000 Ryalls on the <i>Discovery</i> , but it really carried out 80,000 Ryalls worth £20,000 (Foster's Court Minutes, Vol. 1635-39, p. xxv. See Letter Bk., I, p. 170).
1639	42,427	£28,427 on the <i>Reformaton, Hopewell</i> and the <i>Advice</i> . £20,000 in money was allowed to be exported on the <i>Hopewell, London</i> and the <i>William</i> : £6,000 was on the <i>Hopewell</i> (Court Bk., 17, pp. 41, 46, 65. Foster's C. Minutes, Vol. 1635-39, p. 304).

¹ This is all the shipping and stocks which you may this year expect from us for some reasons best known unto ourselves (Letter Bk., I, p. 170).

1640	£50,000	On the <i>Jonas, Crispian</i> and the <i>Swan</i> (Court Bk., 17, pp. 127, 130). £35,000 were for Surat.
1641	95,000	£35,000 or £36,000 for Surat (Court Bk., 17, pp. 324, 331). £10,000 for the Coast (Court Bk., 17, pp. 300, 326). £50,000 for Bantam (Court Bk., 17, p. 294).
1642	82,928	£16,064 on the <i>Blessing</i> (Fac. Rec. Misc., 12, p. 62). £58,864 on the <i>Crispian</i> and <i>Aleppo Merchant</i> (Fac. Rec. Misc., 12, p. 69). £8000 on the <i>Ulysses</i> (Court Bk., 18, p. 153). For cargo on three ships of Courten (Fac. Rec. Misc., 12, p. 59).
1643	92,130	£80,000 or £100,000 to be sent (Court Bk., 18, p. 221). 80 chests of silver on five ships. £70,000 quick stock on the <i>Dolphin, Hand</i> and the <i>Seaflower</i> (Court Bk., 18, p. 278). £22,130 were on the <i>Hart</i> and the <i>Mary</i> (Fac. Rec. Misc., 12, p. 89).
1644	50,000	or £60,000 resolved to be sent in money (Court Bk., 19, p. 246).
1645	60,000	£40,000 for Surat and £20,000 for Bantam (Court Bk., 19, p. 146).
1646	60,000	Money only (Court Bk., 19, pp. 423, 438, 443).
1647	80,000	£52,000 for Surat (Court Bk., 20, pp. 26-27).
1648	116,000	Court Bk., 22, pp. 4, 20, 38, 43, 48. In all, £129,673 were spent for this year's investment.
1649	70,000	Money alone (Court Bk., 20, p. 302).
1650	102,000	Sent by the U. Stock alone (Court Bk., 20, pp. 501, 507).
1651	70,000	Court Bk., 23, pp. 3, 23, 27.
1652	30,000	Money to be shipped (Court Bk., 23, pp. 65, 101).
1653	481	on the <i>Dove</i> ; no information regarding the <i>William</i> (Letter Bk., I, p. 208).
1654	7,372	Letter Bk., I, pp. 231, 246, 259; Court Bk., 23, pp. 320, 340.
1655	4,215	Letter Bk., I, p. 278. Cf. Court Bk., 23, pp. 386, 390.
1656	16,622	Letter Bk., I, pp. 323, 334, 339. £17,000 sent (Court Bk., 23, pp. 463-64).
1657	None	

APPENDIX D

Eastern Imports into England.

1601-21	£2,004,600	Company's statement.
1620-23	1,255,444	Company's statement.
1624	120,000	Value of the cargo on the <i>Dolphin</i> (Calendar, III, p. 373).
1625	103,000	Value of the cargoes of the <i>Star</i> and the <i>Moon</i> (Calendar, IV, pp. 101, 121, 199).

¹ As a contrast to these figures, compare the statements of Wisset in his Compendium, II, p. 2, that in 1652-53-54, the exports amounted only to bullion, £8441, and goods, £3278. In 1655-56, the trade being open, there were no exports by the Company. In 1657 the Company exported in bullion £74,235 and in goods £2114. This is the only information after 1619 and that, too, is utterly wrong.

1626	£360,000	Value of this year's imports (Calendar, IV, p. 284).
1627	.	No information.
1628	180,000	Value of the cargo of the <i>William</i> .
	280,000	Value of the cargoes of the <i>Palsgrave</i> , <i>Dolphin</i> and <i>Discovery</i> .
	111,600	Value of the cargoes of the <i>Morris</i> , <i>Eagle</i> and the <i>Christopher</i> .
Total	£571,600	Cost of their cargoes=£153,980 (Calendar, IV, p. 588; Eng. Factories, Vol. 1624-29, XXXV).
1629	53,437	Prime cost of the cargoes of the <i>Exchange</i> , <i>Blessing</i> and the <i>Star</i> (Calendar, IV, p. 657).
	51,150	Cost of the cargoes of the <i>Heart</i> , <i>Expedition</i> and <i>Hopewell</i> (Calendar, IV, pp. 657-58).
1630	.	No information.
1631	170,000	Value of the cargoes of the <i>Charles</i> and the <i>Jonas</i> (Calendar, V, p. 156).
1632	70,000	Value of the pepper and cloves on the <i>Palsgrave</i> ; no information for the <i>London</i> (Court Bk., 13, pp. 14, 92, 94).
1633	303,000	Value of the cargoes of the six ships: Pepper=£150,000; Cloves=£66,000; Sugar=£87,000 (Calendar, V, p. 460).
1634	58,000	Value of the cargo of the <i>Dolphin</i> ; no information about two ships (Court Bk., 15, pp. 32, 58, 92-94).
1635	.	No information in Court Bk., 16, p. 30.
1636	100,000	Value of the cargo of the <i>Palsgrave</i> wrecked in Plymouth.
	100,000	Value of the cargo of the <i>Discovery</i> (Court Bk., 16, pp. 215, 246).
1637	49,309	Cost of the cargoes of the two ships from Bantam. O. C. 1582, 1588. No information for the <i>William</i> from Surat.
1638	.	None arrived.
1639	68,701	Cost of the cargoes of the <i>Swan</i> and <i>Mary</i> .
	150,000	Value of the cargo of the <i>Mary</i> (Court Bk., 17, p. 127).
1640	40,800	Value of the cargo of the <i>Discovery</i> (Eng. Factories, Vol. 1637-41, p. 220).
1641	127,507	Value of the <i>Crispian</i> (Home Misc., 39, p. 162).
1642	.	No information.
1643	139,000	Value of the <i>Crispian</i> and the <i>Aleppo Merchant</i> for £51,000 stock sent out.
	34,000	Value of the <i>Reformation</i> (Court Bk., 19, p. 8).
1644-45	.	No information.
1646	2,229	Prime cost with charges of the cargo on the <i>Eagle</i> (Court Bk., 20, p. 52).
1647	100,000	Insurance policy for returning ships (Court Bk., 19, p. 194).
1648	80,000	Insurance policy for returning ships (Court Bk., 20, p. 199).
1649	.	No information.
1650	50,000	Prime cost of the cargoes of the <i>Eagle</i> , <i>Anne</i> , <i>Greyhound</i> and <i>Farewell</i> (Court Bk., 20, p. 535).
1651	90,000	Insurance policy (Court Bk., 21, p. 100).
1652	40,000	Insurance policy (Court Bk., 21, p. 173).
		No information for the remaining years.

CHAPTER III

APPENDIX A

The Dutch Trade at Surat in 1622-23.

MEMORANDUM of the merchandise asked for and wanted yearly at Surat, Agra, Cambaia and surrounding countries and its prices :—

100,000 Ra. of 8.

100,000 florins in Moorish or Hungarian golden ducats, quantity gold in bars, for the gold soon gives a profit and can easily be transported without duty or risk.

	{ one Man/30 lbs. Holland weight at	Mamudi. 200-210
200,000-250,000 lbs. of clove are sold		
40-50 sachel of mace	" "	40-50
40-50 picul of sandal-wood	" "	25-50
20,000-30,000 lbs. of ivory	" "	30-60
100,000 lbs. of lead	" "	↓
2,000-3,000 lbs. of tortoise-shell	" "	150-200
4,000-5,000 lbs. of China-root	" "	10-20
1,000-2,000 lbs. of quicksilver	" "	180-200
1,000-1,500 lbs. of vermilion	" "	180-200
40-50 boxes of red coral, according to its quantity.		
100 bahars of sapan-wood	" "	9-10
10,000-20,000 lbs. of spionter	" "	18-20
3,000-4,000 lbs. of benzoin, good quality	" "	50-60
Camphor	" "	50-60
Tin	" "	35-40
Copper	" "	25-26
Pepper	" "	18-17
Wax	" "	30-35

Large quantity of earthen and China ware.

- 20-24 pieces of fine scarlet.
- 6-8 " Italian gold cloth.
- 10-12 " velvet.
- 10-12 " satin.

Gold lace.

Some pictures, nicely painted landscapes.

2-3 nice clocks, antique rings for women, nice pearls, fine falchions, 2 or 3 fine and large *English* bull-dogs.

This 29 December, 1622, at Surat.

A mamody=10 stivers (Holl.).

(signed)

P. Van den Broecke.

(Dutch Records, Vol. IV, clxvii).

APPENDIX B.

Progress of the Dutch Trade.

(a) An account of the returns made from the East Indies to Holland, from the time the Dutch traded thither, down to the year 1724, specifying the number of ships every year and the invoice amounts of their cargoes :—

Years.	Ships.	Value in Florins.	Years.	Ships.	Value in Florins.
1599-1613	77	13,100,000	1656	10	2,711,914
1614	2	433,526	1657	10	3,023,855
1615	5	511,672	1658	10	3,005,275
1616	5	566,064	1659	10	1,782,783
1617	4	573,007	1660	11	3,195,319
1618	8	1,305,544	1661	9	2,133,791
1619	5	1,074,047	1662	9	3,354,429
1620	6	913,137	1663	10	3,324,894
1621	6	1,094,030	1664	12	2,528,825
1622	8	1,776,792	1665	13	3,643,492
1623	8	1,301,909	1666	7	1,124,180
1624	6	832,836	1667	12	3,119,060
1625	4	983,461	1668	16	3,155,683
1626	10	1,926,019	1669	19	4,026,481
1627	7	1,748,099	1670	19	5,024,150
1628	7	2,050,367	1671	18	5,186,414
1629	7	1,132,263	1672	15	4,023,998
1630	9	2,541,215	1673	7	1,688,316
1631	7	1,506,669	1674	9	1,836,015
1632	7	2,099,772	1675	14	3,549,518
1633	7	1,861,409	1676	15	4,127,657
1634	7	1,947,270	1677	15	3,575,483
1635	6	2,050,037	1678	11	2,459,739
1636	8	1,895,349	1679	12	3,889,605
1637	8	2,673,201	1680	11	3,386,577
1638	7	1,670,071	1681	13	5,110,897
1639	8	3,079,413	1682	8	2,987,190
1640	10	2,842,405	1683	11	4,909,309
1641	10	2,906,117	1684	15	5,080,391
1642	9	3,485,192	1685	14	4,193,729
1643	10	3,227,882	1686	16	5,568,644
1644	7	2,070,667	1687	16	5,630,940
1645	8	2,921,806	1688	15	4,305,812
1646	9	2,529,611	1689	15	3,092,896
1647	10	2,151,033	1690	17	3,839,469
1648	12	2,073,630	1691	8	2,400,104
1649	9	2,243,106	1692	12	4,246,879
1650	9	1,946,417	1693	15	3,336,236
1651	11	2,699,991	1694	12	2,988,927
1652	11	2,813,438	1695	15	5,154,468
1653	16	4,745,239	1696	12	3,532,244
1654	4	379,035	1697	19	5,410,517
1655	10	2,467,112	1698	19	5,373,256

Years.	Ships.	Value in Florins.	Years.	Ships.	Value in Florins.
1699	17	5,321,290	1712	21	6,111,622
1700	18	5,298,741	1713	17	4,684,643
1701	20	6,293,703	1714	21	5,260,128
1702	21	6,725,962	1715	27	7,730,000
1703	18	6,177,447	1716	28	6,825,290
1704	21	5,382,196	1717	28	7,299,512
1705	18	4,603,338	1718	24	7,175,000
1706	17	4,719,600	1719	30	8,352,000
1707	15	4,248,532	1720	28	7,600,000
1708	18	5,219,729	1721	34	10,235,000
1709	18	5,477,439	1722	26	—
1710	21	5,732,998	1723	29	8,800,000
1711	20	5,311,869	1724	31	—

(Stavorinus, III, pp. 526-31.)

(b) Account of the number of ships sent out by the E.I. Company of Holland, the number of men and the amount of specie they carried, the number of ships returned, and the proceeds of sales, from 1720 to 1729 :—

Years.	Ships sent out.	Crews.	Specie thous. Florins.	Ships returned.	Proceeds of Sales. Florins.
1720	36	8,205	4,125	26	19,597,875
1721	40	8,000	6,825	34	14,985,073
1722	41	7,400	7,075	26	19,494,366
1723	38	7,785	6,887	29	16,247,506
1724	38	6,425	7,419	31	20,577,447
1725	35	6,250	7,412	36	19,385,441
1726	38	6,850	7,675	32	21,312,626
1727	40	6,400	8,092	36	18,564,987
1728	34	5,800	5,558	28	20,322,402
1729	34	6,390	4,525	25	18,100,117
Total for 10 years	374	69,505	65,593	303	188,587,840
Annual average = 37½		6,950	6,559,300 Florins.	30	18,858,784 Florins.

Ratio, 100 : 288.

(Stavorinus, III, p. 532.)

(c) Account of the number of ships returned from the Indies, with the invoice-prices and net proceeds of their cargoes for the ten years from 1750 to 1759 :—

Years.	Invoices. Florins.	Sales. Florins.	Ships.
1750	7,372,177	19,024,209	22
1751	9,630,682	16,670,614	24
1752	7,883,361	23,133,580	20
1753	10,259,866	17,317,037	22
1754	8,859,297	19,840,766	22
1755	9,652,485	19,806,077	22
1756	8,421,419	19,890,066	25
1757	8,935,720	14,829,367	26
1758	6,506,717	18,934,386	22
1759	8,437,469	18,817,328	28
Total for 10 years	85,959,193	188,263,430	233
Annual average =	8,595,919	18,826,343	23

Ratio, 100 : 219.

(Stavorinus, III, pp. 419-20.)

(d) Prices of the Dutch E.I. Company's stock :—

Years.	Prices.	Years.	Prices.	Years.	Prices.
1723	654	1743	350	1763	407
1724	603	1744	407	1764	374
1725	614	1745	470	1765	406
1726	658	1746	368	1766	593
1727	560	1747	434	1767	580
1728	655	1748	366	1768	518
1729	628	1749	423	1769	472
1730	715	1750	489	1770	412
1731	692	1751	603	1771	314
1732	779	1752	580	1772	369
1733	644	1753	559	1773	323
1734	754	1754	555	1774	336
1735	645	1755	515	1775	340
1736	756	1756	404	1776	340
1737	532	1757	555	1777	355
1738	585	1758	458	1778	380
1739	494	1759	386	1779	357
1740	506	1760	414	1780	328
1741	391	1761	390		
1742	403	1762	323		

(Stavorinus, III, pp. 538-39.)

APPENDIX C

Profits made in the Indo-Asiatic Trade.

A valuation of certain goods bought at *Surat* in India in December, 1629, and sold at *Gombroon* in Persia, February, 1630, viz. :—

	Profit.		Profit.
Sugar	90%	Gunderoon	47%
Green ginger	70	Blue Chunders	40
Indigo	50	Pentadoes	35
Rice	50	Dry ginger	75
Cotton-wool	120	Narrow Baftas	40
Mirobalanes	70	Broad "	40
Shashea	50	Blue Baftas	40
Sarai Benjamin	100	Sugar candy	75
Cardamum	60	Salarmoniac	65
Soap	80	Pincadies	35
Blue conches	40	Red Seleis	70
Tobacco	400		

A valuation of goods bought at *Gombroon* in February, 1629, and sold at *Surat* in 1629-30 :—

	Profit.		Profit.
Runas	50%	Royals (Rials)	8
Walnuts	100	Raisins	8
Wormseed	30	Almonds, large	30
Gold Cheekens	4	Pistaches	5
Almonds	50	Rosewater	20
Galls	50	Abareez	1½
Horses	Three for one	Rhubarb	20
Pearls	20	Assafoetida	12
Silk	12	Brimstone	30
Carpets	10	Lapis lazuli	20

Boothby sold pearls in England at five for one and diamonds at six for one, that is, made a *profit of 400 and 500 per cent respectively.*

Persian commodities made four for one profit in England.

He gives the instance of one Podemsee, a Hindu merchant, who brought pearls to the value of 10 millions sterling from Persia.

"From *Surat* to *Goa*, trade produces 30, 40, and 50 per cent in numerable of many divers sorts of commodities, which the Portuguese bring to *Surat*; and at *Cambay*, 100 sale of frigates laden yearly, which I have seen, and know to be true, and from *Goa* to *Surat*, produces 20, 25, and 30 per cent and for cinnamon and dolium-indium 50 per cent."

From Surat to Masulipatam, Persian commodities will produce 30, 40, and 50 per cent.

From Surat to Bantam even the worst commodities produce 70 or 80 per cent; cloth 100 to 110 per cent; cotton, wool, soap, cummin seed, mustard seed, and wheat produce 8, 9, or 10 for one profit.

Persia commodities there yield $1\frac{1}{2}$ and 2 for one.

From Bantam, most of these commodities are transported to Achim, Tickoo, Priaman, Jambu, Japara, Macassar, and China, which produce *one, two, three, and four for one profit*.

Surat to China: English broadcloth and kersies 20–24 for one profit; indigo, narrow and broad baftas, blue byrams, cankeens 6, 8, 10 for one profit; white pepper, cloves, maces, nutmegs, and other goods 3, 4, 5, 6 for one profit; China gold 40–45, 50 per cent profit in India.

Surat to Mocha: Tobacco 10–12 for one; rice 6–7 for one; chinaware 4–5 for one; spices 2 for one; sugar, candy, ginger, cotton, cardamum, soap 2–3 for one; various cloths 100 per cent.

Mocha commodities at Surat yield 2 for one and upwards.

(Boothby's Brief Discovery of Madagascar, London, 1644).

These profits can fully explain the great loss suffered by the Indian merchants by the growing participation of the Europeans in the Asiatic commerce.

CHAPTER IV

APPENDIX

A view of the Pepper Trade and its Profits from 1616 to 1630.

Pepper Bought for the First Joint Stock.

Year.	Ships.	Quantity.	Total value.	Value per lb.
1615-16, Jan. 10	N. Y. Gift	783,062	Rs 23,450	5d.
1616, Oct. 15	Dragon	828,685	23,920	2½d.
" " 16	Expedition	32,560	736	1½d.
" " 17	Clove	501,187	19,318	2½d.
1616-17, Feb. 23	Peppercorn	385,625	17,279	2½d.
1617-18, Jan. 17	Charles	1,050,750	52,345	3d.
1618, May 12	L. James	281,940	18,651	4d.
" "	Hope	432,750	27,174	3½d.
		4,296,559	Rs.192,873	2½d.

Pepper Bought for the Second Joint Stock.

Year.	Ships.	Quantity.	Total value.	Value per lb.
1620-21, Jan. 31	James R.	980,125	Rs.75,855	4½d.
1621, Nov. 30	Charles	822,500	62,640	4½d.
" Feb. 18	Eagle	366,250	31,336	5d.
" " 28	Star	426,125	40,559	5½d.
1622, Aug. 29	L. James	546,875	43,618	4½d.
" Feb. 5	Palsgrave	510,375	40,135	5d.
1623, Dec. 12	Exchange	839,674	63,308	4½d.
" "	Elizabeth	818,334	69,120	5d.
1623-24, Feb. 22	Anne	898,625	68,970	4½d.
1624-25, Jan. 26	Moone	881,379	66,600	4½d.
" "	Discovery	687,915	63,991	5½d.
" "	Ruby	581,625	47,317	5d.
" " 31	Charles	1,029,695	63,450	3½d.
" "	Harte	652,475	48,217	4½d.
1626-27, Feb. 8	London	818,500	51,617	3½d.
" "	Reformation	419,280	33,185	4½d.
1627, July 18	Expedition	311,250	19,831	3½d.
1627-28, Feb. 13	Morris	516,125	27,728	3½d.
" "	Eagle	324,375	17,815	3½d.
1628-29, Feb. 5	Mary	854,470	57,045	3½d.
" "	Speedwell	210,585	11,532	3½d.
1629-30, Feb.	London	790,125	52,565	4d.
		14,286,678	Rs.1,057,334	4½d.

The difference of the *advance of price* betwixt the First and Second Joint Stocks is 1½d.

Pepper Sold for the First Joint Stock.

Quantity sold.	Price.	Total value.	Ships.
751,616	26d.	£82,168/13	N. Y. Gift Dragon
1,955,306	26d.	212,961/8	{ Expedition Clove Peppercorn
1,312,516	22d.	119,228/10	{ Charles Hope
229,562	18d.	17,072/9	L. James
<u>4,249,000</u>	<u>24½d.</u>	<u>£431,431</u>	

Pepper Sold for the Second Joint Stock.

Quantity sold.	Price.	Total value.	Ships
984,395	19d.	£90,263/8	James R.
1,642,229	19½d.	134,580/18	{ Charles Eagle Star
546,875	17½d.	40,474	L. James
510,375	17½d.	37,565	Palsgrave
1,400,000	20d.	117,000	{ Exchange Elizabeth
1,152,000	18d.	86,400	{ Discovery Ruby
1,515,000	18d.	113,625	{ Charles Harte
1,559,000	16d.	115,500	{ London Reformation Expedition
933,000	16d.	62,200	{ Mary Speedwell
776,940	15d.	46,626	London
<u>11,019,814</u>	<u>18d.</u>	<u>£830,238</u>	

The difference of the *sale prices* between the First and Second Joint Stocks is 6½d. per lb. (Home Miscellaneous, Vol. 39). The averages and totals seem to be incorrect, but we have preserved the figures of the original record.

CHAPTER V

APPENDIX A

Total Annual Values of Exports from England separately for Goods and Bullion to the East.

Year.	Money.	Total Goods and Money.
1658-59	£242,304	£305,750
1659-60 ¹	22,768	63,996
1660-61	151,077	188,033
1661-62	100,940	126,148
1662-63	91,224	138,330
1663-64	125,435	169,513
1664-65	24,130	55,010
1665-66	17,007	37,607
1666-67	1,000	3,967
1667-68 ²	143,384	206,453
1668-69	132,167	202,919
1669-70	199,678	282,340
1670-71	207,648	346,309
1671-72	197,883	304,093
1672-73	not stated	182,612
1673-74 ²	177,938	238,805
1674-75 ⁴	325,517	440,551
1675-76	324,039	448,193
1676-77	189,290	288,249
1677-78	289,140	363,773
1678-79	340,884	387,725
1679-80	391,474	461,211
1680-81	524,197	596,657
1681-82 ⁵	708,909	835,313

¹ In the face of these figures, the returns given by Milburn, Macgregor and Wisset for the years 1658, 1659, and 1660 are totally incorrect. According to them, the total value of the Co.'s exports was £251,583 and consisted of bullion, £227,820, and goods, £23,763.

² The Co.'s account of bullion shipped to India from 1667-68 to 1673-74 differs from mine, though it is compiled from the Co.'s books. The discrepancy can only be explained by supposing that the under-mentioned statement might have been made by taking the year to begin in June and not in May as is done in my list based on the figures given in the Court Book, 25z. The annual returns made by the Co. were:—

1667-68 . . . £128,606	1671-72 . . . £186,420
1668-69 . . . £162,394	1672-73 . . . £131,300
1669-70 . . . £187,458	1673-74 . . . £182,983
1670-71 . . . £186,150	

(Bruce's Annals, ii, p. 353.)

APPENDIX B

Ships, Goods, and Bullion sent to India by the Company from London during the following years.

Years.	Ships sent from England to the East Indies.		Goods and Bullion
	No.	Tons.	Exported.
1680-81	10	4,975	£346,213
1681-82	23	9,100	834,496
1682-83	21	8,625	515,216
1683-84	22	10,880	482,147
1684-85	14	5,545	520,341
1685-86	13	7,776	649,299
1686-87	6	5,320	298,958
1687-88	6	2,908	157,491
1688-89	2	875	30,239
1689-90	4	955	131,692
1690-91	6	2,589	125,101
1691-92	7	2,786	143,728
1692-93	5	2,510	171,812
1693-94	15	5,858	677,616
1694-95	9	3,855	395,391
1695-96	7	3,126	228,622
1696-97	4	1,870	115,570
1697-98	9	3,605	388,658
1698-99	14	5,550	590,914
1699-1700	12	5,086	592,753
1700-1	7	2,675	452,716
1701-2	9	2,985	317,293
1702-3	12	4,730	220,223
1703-4	13	4,195	411,745
1704-5	17	5,025	349,711
1705-6	9	2,420	198,138
1706-7	9	3,120	333,245
1707-8	15	5,130	502,983
1708-9	10	3,410	550,358
1709-10	13	4,550	513,733

(Macgregor's Commercial Statistics, Vol. IV, p. 410.)

³ Mark the exaggeration of the author of "Discourse on Trade," London, 1680, when he asserts that from 2nd March, 1673, to 11th March, 1674, £560,000 were exported by the Company. P. 340.

⁴ The same author calculates £400,000 as the exports of private traders in 1674-75 against £120,000 to £150,000 by Sir J. Child. Cf. Child's statement that the exports in this year were £320,000 in money and about £110,000 in goods.

⁵ This year's returns are taken from the B. Museum MSS., Jure Impt., 15,898, p. 134.

APPENDIX C

*Money and Principal Commodities Exported from England to the East.**(Compiled from the Custom House Books.)*

Year.	Money.	Iron, English.	Lead.	Woollens.	Coral.	Iron, Foreign.
1698	£399,230	£3,194	£4,838	£19,870	£3,267	£5,087
1699	832,795	10,419	10,501	91,862	6,162	1,950
1700	807,683	6,354	6,870	88,590	2,156	1,438
1701	725,592	4,819	5,687	88,055	1,397	2,106
1702	410,762	3,973	3,351	63,851	541	1,460
1703	303,012	3,443	7,899	162,734	108	—
1704	451,277	2,411	9,129	103,731	2,120	3,010
1705	Missing	—	—	—	—	—
1706	231,500	543	5,195	15,952	—	715
1707	313,283	46	8,896	38,315	—	2,035
1708	362,459	3,827	6,224	34,112	3,656	2,535
1709	506,469	1,753	4,921	146,351	52	3,275
1710	228,102	5,511	5,069	92,245	1,247	3,776
	£5,572,164	£46,292	£78,580	£943,668	£20,706	£27,387

APPENDIX D

Number of Ships that sailed to the East with their approximate available Tonnage.

Years.	SURAT.		FORT & BAY.		BANTAM.	
	Ships. No.	Total Tonnage.	Ships. No.	Total Tonnage.	Ships. No.	Total Tonnage.
1658-59	9	2,820	13	4,090	3	1,025
1659-60	1	240	5	1,660	1	240
1660-61	4	1,575	6	2,100	5	1,640
1661-62	4	990	4	975	2	400
1662-63	2	760	3	1,020	2	680
1663-64	3	1,175	5	1,240	2	800
1664-65	2	470	3	805	1	included in Coast.
1665-66	1	370	2	475	none	
1666-67	1	140	none	—	none	
1667-68	4	1,100	7	2,600	3	1,050
1668-69	3	960	5	1,390	2	825
1669-70	4	1,560	6	1,680	4	1,550
1670-71	5	2,010	5	1,730	10	2,945
1671-72	4	1,670	5	2,000	9	3,000
1672-73	Separate returns not available					

Years.	SURAT.		FORT & BAY.		BANTAM.	
	Ships. No.	Total Tonnage.	Ships. No.	Total Tonnage.	Ships. No.	Total Tonnage.
1673-74	4	1,550	5	1,980	4	1,730
1674-75	5	1,750	6	2,410	4	1,600
1675-76	5	2,340	5	2,140	6	2,690
1676-77	3	1,480	3	1,610	6	2,450
1677-78	3	1,460	4	2,120	6	3,140
1678-79	3	1,480	3	1,685	2	1,150
1679-80	3	1,560	4	2,280	3	1,600
1680-81	3	1,500	5	2,690	3	1,400
1681-82	8	3,405	8	4,180	7	1,720
	84	32,365	112	42,860	84	31,635

APPENDIX E

Distribution of English Exports in India and other Asiatic Countries during 1658-81.

Years.	SURAT.		COAST & BAY.		OUTSIDE INDIA.	
	Money. In £1000	Total. In £1000	Money. In £1000	Total. In £1000	Money. In £1000	Total. In £1000
1658-67	302½	498	540	660	130	143
1668-77	403	953	1228½	1402½	269½	346½
1678-81	461½	620	1322½	1399½	180	261
	1167	2071	3091	3462	579½	750½

Percentage proportion of the share of each centre in

Exported Money	24%	64%	12%
" Goods	62½%	25½%	12%
Total Exports	33%	55%	12%

Note.—The exports of the year 1672 are altogether excluded from this total, as the sums sent to these centres in that year are not given separately. Moreover, the separate returns for Bantam in the years 1671, 1676, and 1677 are not complete, hence the aggregates of money and goods given in this section differ from those given in Appendix A of this chapter.

APPENDIX F

The Number of Ships and their Tonnage chartered by the Company which were annually sent to the various centres in the Indies.

Year.	SURAT.		BAY & COAST.		BANTAM.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
1682-83	3	870	10	5,055	5	1,485
1683-84	18	8,650	8	3,480	2	540
1684-85	5	1,380	7	3,370	2	550
1685-86	5	2,383	11	3,590	8	2,230
1686-87	3	730	3	1,810	4	1,460
1687-88	4	1,850	5	2,045	5	1,300
1688-89	2	810	2	1,435	—	—
1689-90	2	1,218	—	—	—	—
1690-91	2	970	1	225	3	1,130
	44	18,861	47	21,010	29	8,695
1698	5	2,260	10	4,063	5	1,340
1699	8	3,070	12	4,590	5	1,450
1700	2	800	4	1,600	6	2,182
1701	3	750	5	2,280	15	4,053
1702	4	1,593	2	1,200	11	3,460
1703	3	1,240	3	1,175	9	2,780
1704	3	1,020	3	1,180	9	2,820
1705	2	550	2	775	3	585
1706	1	300	3	1,250	5	1,470
1707	4	1,720	6	2,110	7	2,030
	35	13,303	50	20,223	75	22,170

APPENDIX G

Total Stock sent to the three centres.

Year.	Surat.	Bay and Coast.	China and other places.
1698	£245,687	£515,272	£54,183
1699	275,293	467,351	100,981
1700	110,337	484,835	644,949
1701	13,947	346,711	248,406
1702	146,488	300,000	94,968
1703	126,599	182,455	177,030
1704	83,596	138,469	115,872
1705	47,364	135,840	47,373
1706	9,119	220,488	98,486
1707	115,759	306,209	105,054
	£1,174,189	£3,097,630	£1,687,102

Per cent Ratio

20

:

52

:

28

CHAPTER VI

APPENDIX A

Orders for the Provision of Cloth.

Year.	Fort. Thous. pieces.	Bay. Thous. pieces.	Surat. Thous. pieces.	Reference.
1658	86	8	88	L. Bk. II, pp. 2, 14, 16, 18, 24
1659-60	72	18	—	L. Bk. II, p. 197
1660 Sept.	—	17	72	L. Bk. II, pp. 335, 339-40
1661	103	15	135	L. Bk. III, pp. 57, 84
1662	—	—	96	L. Bk. III, p. 161
1663	130	17	145	L. Bk. III, pp. 293-94, 356
1664	—	—	55	L. Bk. III, p. 424
1669	—	—	298	L. Bk. IV, p. 322
1670	—	—	290	L. Bk. IV, p. 434
1671	—	—	376	L. Bk. IV, p. 532
1672	158*	—	148	L. Bk. V, pp. 23-24, 32, 67
1673	205	56½	294	L. Bk. V, pp. 94-95, 100-1, 104-5
1674-75	253	72½	284	L. Bk. V, pp. 148, 154, 175, 268
1675-76	306	84½	321 ¹	L. Bk. V, pp. 219-21, 237-39, 269
1676-77	204	97	346	L. Bk. V, pp. 418, 445-48, 489, 493
1677-78	186	104	353	L. Bk. V, pp. 507-9, 538
1678-79	452	123½	344	L. Bk. VI, pp. 24-26, 36, 60, 100-3
1679-80	616	99	— ²	L. Bk. VI, pp. 126-27, 244
1680-81	612	207	408 ³	L. Bk. VI, pp. 264-66, 408
1681	605	229	536	L. Bk. VI, pp. 411, 466
1682	1342	667	1436 ⁴	L. Bk. VII, pp. 20-21, 30-31
1683	1236	718	568	L. Bk. VII, pp. 227, 249-51, 357-58
1684-85	517*	—	285	L. Bk. VII, p. 474
1686-87	151	175	175	L. Bk. VIII, p. 248
1687-88	293	282	257 ⁵	L. Bk. VIII, pp. 400-2, 431-37
1688	655	397	619 ⁶	L. Bk. VIII, pp. 557-59, 568-70
1689	458	418	305	L. Bk. IX, pp. 312-14, 320-23
1694	386	454	560	L. Bk. IX, pp. 405-9, 416-18

¹ These quantities were found too great, hence they were reduced to 179, 96 and 254 respectively (Letter Bk., V, pp. 307, 310-11).

² 194,000 more pieces ordered both from Coast and Bay have been added to the Coast order.

³ 20,000 yards of sail-cloth were also ordered from the Coast.

⁴ 227 bales of new kinds of stuffs were also ordered from the Bay.

⁵ 40,000 yards of sail-cloth more ordered from the Coast.

⁶ 100,000 shifts of sail-cloth more ordered from the Coast.

* Separate orders for Bay and Coast goods are not available.

APPENDIX B

Imports of Tea.

Year.		
1664	2 lbs. 2 ozs.	Sold at £4 5s.
1665	22½ lbs.	Sold at 50s. per lb.
1669	143 lbs. 8 ozs.	
1670	79 lbs. 6 ozs.	
1671	266 lbs. 10 ozs.	
1673-74	55 lbs. 10 ozs.	Bought by the Company from some English coffee-house.
1675-77	No imports.	
1678	4,717 lbs.	
1679	197 "	from Bantam.
1680	143 "	" " Surat.
1681	None.	
1682	70 lbs.	from India.
1683-84	None.	
1685	12,070 lbs.	from Madras and Surat.
1686	65 "	
1687	4,995 "	" " Surat.
1688	1,666 "	" " "
1689	25,300 "	" " Amoy and Madras.
1690	41,471 "	" " Surat.
1691	13,750 "	permission trade.
1692	18,379 "	from Madras and in the permission trade.
1693	711 "	" " " " " "
1694	352 "	" " " " " "
1695	132 "	
1696	70 "	
1697	22,290 "	from India.
	126 "	" " Holland.
1698	21,302 "	" " India.
1699	13,201 "	" " "
	20 "	" " Holland.
1700	90,947 "	" " India.
	236 "	" " Holland.
1701	66,738 "	" " India.
1702	37,052 "	" " "
1703	77,974 "	" " "
1704	63,141 "	" " "
1705	6,739 "	" " and Holland.
1706	137,748 "	" " "
1707	32,209 "	" " "
1708	138,712 "	" " "
1709	98,715 "	" " "
1710	127,298 "	" " "

Sold from
11s. 6d. to 12s. 4d.
per lb.

Sold at 11s. 11d. per lb. on the average.

(Compiled from Milburn's Oriental Commerce, Vol. II, pp. 531-34.)

APPENDIX C

Quantities of Indigo ordered from India.

Year.	Agra Indigo.	Sarkhej Flat.	Sarkhej Round.
1657-58	600 bales.	500 bales.	100 bales.
1658-59	200 "		200 or 300 both.
1659-60	None if not at 18d. per lb.	None if not at 9d. per lb.	
1660-63	None.		
1664	300 bales at Re.1	100 bales at 1 mah. per lb.	
1669	400 bales at cur. price.	200 bales at 1½ mah. per lb.	
1670	600 or 800 bales at 2 mah.	300 bales at cur. price.	
1671	600 bales at cur. price.	400 bales at 1 mah.	
1672	each year { 1,200 bales at 2 mah. 400 bales at cur. price. 800 bales at 2 mah. 600 bales at cur. price.	150 bales at cur. price.	
1673		200 bales at 1 mah.	
1674		150 bales.	
		900 bales at 2 mah. 400 bales at cur. price.	100 bales if under 1 mah.
1675	each year { 800 bales at 1½ mah. 1,200 bales at 1½ mah.		
1676			
1677	400 "	100 bales.	
1678	each year { 400 bales at cur. price.	100 bales at 9d. per lb.	
1679			
1680	200 bales at 2 mah. 100 " if dearer.		
	400 " at 18-24d.	120 bales at 9d. per lb.	
	200 " if dearer.		
1681	800 " at 18-24d.	150 bales at 9d.; none if dearer.	
	600 " at a rup.		
	400 " if dearer.		
1682	800 " at 18d.	130 bales at 9d. or else none.	
	600 " at 24d.		
	400 " at cur. price.		
1683	16,000 lbs. at 18d.	260 bales.	
	12,000 " at 24d.		
1684	800 bales.	240 bales.	
1685	600 "	70 "	
1687	300 "	70 "	
1688	600 barrels.	140 barrels, the whole lot being equal to 123½ shipping tons.	
1689	1,000 "	300 barrels.	

(Compiled from the Letter Books.)

APPENDIX D

Cargo of the "Martha" from Fort St. George, and of the "Anna" from the Bay of Bengal, arrived the 30th of August, 1699.

	Pieces.		Pieces.
Atlases	828	Mobut bannies	810
Adittaes	644	Mullmulls	3,630
Allibannies	50	" flowered	181
Allajaes	200	Neckcloths	800
Bettellees	12,340	" flowered single	2,800
" striped	2,100	Pallampores	100
Chints	5,780	Percallaes Book	160
Cosaaes	6,149	Pegue	570
Chautars	167	Photoas	205
Callowaypoose	500	Raftaes	309
Chucklaes	1,072	Romalls	1,685
Chuckreaes	1,600	Sail-cloth	1,155
Dimitias	130	Sallampores	18,000
Doreas	3,763	" blew	1,360
Elatches	276	" brown	4,620
Ginghams	6,300	Salpecadoes	200
" coloured	557	Saderunches	100
Gurrahs	4,977	Sacerguntes	400
Goacon Cherulaes	200	Sallbafts	1,441
Jamwars	110	Seersuckers	1,091
Jamdhunies	136	Shirts	22,320
Izzarees	120	Soofeys	3,105
Longcloth	15,840	Taffaties	5,409
" blew	2,610	" striped	284
" brown	1,100	Tanjees	6,444
Lungees	418	" flowered	90
Moorees	2,400	Tepoys	448
	lbs.		lbs.
Cakelack	1,500	Red wood	121,000
Cotton yarn	1,900	Raw silk	9,400
Floretta yarn	9,000	Saltpetre	500,000
Opium	2,500	Shellack	3,300
Pepper	254,000	Sticklack	8,100

(B. Museum, Sloane MS., 2902, pp. 145, 147.)

Cargo of the "Russel" Frigate, from Bombay, arrived the 15th of April, 1700.

	Pieces.		Pieces.
Atlas Culgies	192	Mamoodies	120
Bafts, broad	2,697	Nircannees	1,366
" narrow	1,435	Pallunpores	3,740
" broadblue	200	Quilts	3,410
Chints	13,540	Quiltungs	219
Cuttanees	613	Sovaguzzees	845
Deribands, large	2,639	" Blew	120
" small	7,200	Tapsiels	840
Guinea stuffs	3,100	Taffaties	101

	lbs.		lbs.
Aloes Soccatrina	300	Pepper	191,600
Coffee	3,300	Saltpetre	1,800
Cotton yarn	45,500	Seedlack	4,200
Olibanum	43,800		

(B. Museum, Sloane MS., 2,902, p. 145.)

*Cargo of the Surat-Gally arrived from China the 20th of
July, 1700.*

	Pieces.		Pieces.
Damasks	30	Pictures on paper	2,413
„ with gold flowers	10	Fans	65,980
Golonga, white and striped	430	Fire-fans	424
Pelongs, Nankeen	7	Screens, pairs	2
Quilts „ with G.F.	8	Scriptores	22
Sattans	284	Large tables	81
„ with gold flowers	53	Tea tables	2,848
Velvets	118	Lacker'd chests	266
Paintings on pelongs	115	Lacker'd wares of divers sorts	6,517
„ gauze	12,200		
	lbs.		lbs.
Borax	106	Quicksilver	4,353
Cambogium	797	Raw milk	16,005
Copper	45,798	Sango	1,322
Cloves	358	Singo tea	30,063
Green ginger	250	Bohee tea	1,163
Pepper	112,070		
China ware, pcs.	146,748	Gold, ounces	129
Jambes canes	44,394	Musk in cod, ounces	228

(B. Museum, Sloane MS., 2,902, p. 146.)

CHAPTER VII

APPENDIX A

Values fixed at various periods for the purposes of Customs as given in the Books of Rates.

Articles.	1590.	1660.	1697.	1714 & 1757.
Callicoes, fine or course	15s.	10s.	10s.	10s.
" Cambricke—				
½ peece of 6 × ½ ells	£2 10s.	£1	10s.	10s.
The peece of 13 ells	£5	£2	10s.	10s.
Dimity, per yard	2s.	3s.	3s.	3s.
Dutties, the peece	£1	£1	£1	£1
Aloes Scotrina, per lb.	5s.	Same throughout.		
Benjamin	£3	" "	" "	" "
Bezor stone, E.I., oz. troy	£3	£3	£1 10s.	£1 10s.
Opiam, per lb.	10s.	Same throughout.		
Cloves	10s.	" "	" "	" "
Pepper "	3s. 4d.	3s. 4d.	1s. 8d.	1s. 8d.
Maces "	£1	Same throughout.		
Nutmegs "	8s.	" "	" "	" "
Sinamon "	6s. 8d.	" "	" "	" "
Sugar, St. Thomé, cwt. of 112 lbs.	£2	" "	" "	" "
" white, per cwt.	£9	£7 6s. 8d.	Same throughout	
" " from Eng. plantations.	—	£5	" "	" "
" " brown	—	£1 10s.	" "	" "
Indigo, Turkey, W.I., or rich	6s. 8d.	3s. 4d.	" "	" "
" dust	3s. 4d.	1s. 8d.	" "	" "
" English plantations	—	1s.	" "	" "
Pintadoes, the peece	6s. 8d.	Same throughout.		
Quilts of callico, the peece	£2	" "	" "	" "
Rice, per 112 lbs.	£1 6s. 8d.	" "	" "	" "
Saffron, per lb.	£1 10s.	" "	" "	" "
Silk ferret or floret, 16 ozs.	£1	" "	" "	" "
" China raw, 24 ozs.	£1 13s. 4d.	£1	Same throughout.	
" Morea	10s.	Same throughout.		
" Bengal	—	10s.	Same throughout.	
" wt., E.I., per lb. in Eng. bottoms	} different prices.	15s.	15s.	Prohibited
" " " For. "		£1	£1	" "
Wool cotton of Eng. plantations	—	Free.	Free.	Free.
" " not of "	—	4d.	Same throughout.	
Yarn cotton, per lb.	1s.	Same throughout.		

Note.—The spelling used in the Book of Rates of 1590 has been used here.

These values have been compiled from the following Books of Rates :—

Book of Rates, 1590, British Museum Lib.				
”	”	1660,	Board of Customs Lib.	
”	”	1697	”	”
”	”	1714	”	”
”	”	1757	”	”

APPENDIX B

Annual Returns of Imports compiled from the Manuscript Volumes of Imports and Exports in the Public Record Office, London.

Year.	Pepper. lbs.	Coffee. lbs.	Wool. lbs.	Saltpetre. cwts.
1698	988,825	499	31,414	9,571
1699	19,573,933	244,252	34,930	1,964
1700	2,689,957	144,693	69,339	15,033
1701	2,792,546	388,993	74,517	6,374
1702	1,253,699	293,391	—	4,239
1703	413,947	143,164	—	4,841
1704	2,307,296	615,938	52,248	11,887
1705	Missing.	Missing.	Missing.	Missing.
1706	1,055,626	3,451	21,256	24,033
1707	1,538,766	39,112	4,302	28,555
1708	982,860	228,914	36,652	18,598
1709	2,039,092	14	26,358	7,748
1710	377,023	80,080	272	8,535
1711	1,717,512	752,381	117,417	12,446
1712	Missing.	Missing.	Missing.	Missing.
1713	901,397	822,003	—	15,828
1714	2,157,749	1,404,928	38,890	14,662
1715	1,281,942	513,760	24,696	9,177
1716	1,166,449	335,718	19,041	8,625
1717	1,362,401	317,085	62,469	8,943
1718	2,787,642	1,124,207	129,233	18,155
1719	259,416	1,017,545	—	4,663
1720	4,563,295	573,664	115,442	15,018
1721	855,404	738,235	32,806	13,426
1722	1,096,314	1,991,083	80,106	4,733
1723	917,155	1,905,007	2,224	7,491
1724	1,362,059	2,037,056	56,804	15,390
1725	884,962	1,675,616	—	6,066
1726	2,145,086	805,625	14,287	3,496
1727	1,443,280	1,361,383	36,965	20,589
1728	Missing.	Missing.	Missing.	Missing.
1729	954,895	830,248	54,433	8,113
1730	800,632	1,616,996	44,242	8,522
1731	1,759,045	74,614	41,119	7,122
1732	1,304,488	1,096,910	41,629	17,458
1733	2,528,852	822,368	100,840	20,074

Year.	Pepper. lbs.	Coffee. lbs.	Wool. lbs.	Saltpetre. cwts.
1734	1,265,808	1,017,673	17,465	8,402
1735	3,930,701	1,184,726	211,234	27,712
1736	2,175,182	1,032,440	95,894	18,129
1737	3,144,626	1,001,290	41,773	14,005
1738	1,939,439	1,003,395	—	7,338
1739	3,182,950	1,116,135	95,292	18,508
1740	1,712,396	1,103,063	—	12,963
1741	2,571,381	1,303,597	19,635	33,854
1742	4,599,061	575,370	—	49,529
1743	2,583,557	477	23,442	39,371
1744	3,181,956	26,584	—	24,393
1745	4,314,620	1,040,947	—	26,989
1746	2,770,390	49,562	26,639	17,153
1747	2,257,216	1,053,662	16,070	12,764
1748	1,976,064	841,872	16,408	19,060
1749	3,863,437	1,017,242	20,035	25,977
1750	1,526,733	1,164,628	1,425	2,079
1751	2,229,325	1,148,805	—	12,941
1752	2,843,348	9,881	—	19,689
1753	947,846	1,180,844	1,380	14,865
1754	2,622,231	1,187,380	14,807	18,821
1755	3,838,504	2,152,048	17,030	32,586
1756	334,678	14	—	14,793
1757	4,645,439	1,046,432	71,229	23,505
1758	—	—	—	942
1759	4,068,924	971,464	19,987	22,510
1760	3,133,884	186	75,543	37,786

APPENDIX C

Year.	Calicoes White.	Year.	Calicoes White.
1698	247,214	1719	2,038,451
1699	853,034	1720	1,299,685
1700	951,109	1721	1,144,466
1701	826,101	1722	718,678
1702	320,273	1723	1,115,011
1703	674,968	1724	1,291,614
1704	654,312	1725	793,704
1705	Missing.	1726	838,063
1706	841,461	1727	1,161,935
1707	521,371	1728	Missing.
1708	502,906	1729	1,077,704
1709	480,292	1730	1,125,805
1710*	361,162	1731	865,422
1711	980,002	1732	709,632
1712	Missing.	1733	1,114,594
1713	892,174	1734	821,139
1714	1,049,064	1735	1,325,815
1715	880,953	1736	1,096,538
1716	620,228	1737	835,818
1717	676,062	1738	727,158
1718	1,220,324	1739	1,398,915

Year.	Calicoes White.	Year.	Calicoes White.
1740	907,233	1751	1,193,093
1741	1,188,260	1752	938,772
1742	1,372,402	1753	795,745
1743	880,007	1754	960,391
1744	688,206	1755	736,219
1745	998,926	1756	499,818
1746	967,204	1757	638,505
1747	457,010	1758	224,953
1748	892,619	1759	746,331
1749	1,071,523	1760	988,709
1750	818,115		

Year.	Wrought Silk, Bengal.	Stained Calicoes.	Sooseys.
1698	57,269	—	—
1699	24,445	—	—
1700	116,455	—	—
1701	115,504	—	—
1702	10,518	—	—
1703	21,785	—	—
1704	73,033	—	—
1705	—	—	—
1706	39,340	—	—
1707	3,220	—	—
1708	2,330	—	—
1709	56	—	—
1710	8,709	—	—
1711	3,834	—	—
1712	Not available.	—	—
1713	34,054	2,234	10,468
1714	34,487	42,220	17,439
1715	30,623	81,735	1 $\frac{1}{2}$
1716	2,318	28,813	4,717
1717	4,804	44,945	165
1718	78,641	40,242	2,137
1719	27,470	19,792	7,970
1720	33,144	147,022	22,647
1721	55,491	139,125	19,454
1722	18,439	129,032	4,301
1723	58,729	106,754	5,099
1724	59,324	149,468	3,653
1725	54,358	116,265	1,860
1726	71,601	181,318	10,400
1727	79,602	240,510	24,317
1728	Not available.	—	—
1729	61,421	141,173	17,090
1730	61,971	68,953	7,128
1731	32,392	149,907	8,099
1732	127,073	212,035	9,652
1733	124,486	256,144	23,171
1734	68,094	136,080	13,286
1735	119,856	338,072	29,481
1736	56,180	232,021	19,749
1737	13,384	165,741	17,903

Year.	Wrought Silk,		Sooseya.
	Bengal.	Stained Calicoes.	
1738	37,250	154,851	16,541
1739	73,858	215,360	15,299
1740	45,437	151,665	12,596
1741	51,301	376,785	12,632
1742	62,612	324,422	151,001
1743	42,867	331,465	11,772
1744	40,536	317,064	19,578
1745	58,524	313,659	19,219
1746	14,204	206,339	9,112
1747	43,233	134,151	13,451
1748	36,002	261,051	17,649
1749	5,777	349,147	56,282
1750	17,561	203,913	25,411
1751	28,029	178,594	14,310
1752	47,156	177,732	12,393
1753	47,646	175,445	949
1754	71,591	212,085	447
1755	54,374	198,608	1,338
1756	27,902	72,698	463
1757	28,382	237,471	2,186
1758	5,114	11,376	—
1759	30,403	205,023	4,332
1760	51,108	212,910	665

APPENDIX D

Year.	Raw Silk, Bengal.	China Silk.
	lbs.	lbs.
1698	36,534	—
1699	16,931	—
1700	85,242	—
1701	40,217	—
1702	33,169	—
1703	330,755	—
1704	306,887	—
1705	Not available.	—
1706	67,567	—
1707	19,751	—
1708	84,921	849
1709	57,768	—
1710	35,332	—
1711	46,672	11
1712	—	—
1713	13,408	3,662
1714	31,238	9,494
1715	40,307	14,936
1716	56,114	7,006
1717	97,370	—
1718	159,292	23,700
1719	52,212	—
1720	56,854	512
1721	20,084	—

Year.	Raw Silk, Bengal. lbs.	China Silk. lbs.
1722	16,062	—
1723	88,134	8,964
1724	131,491	29,705
1725	114,141	13,003
1726	91,017	2,184
1727	134,919	—
1728	Not available.	—
1729	82,821	4,550
1730	127,361	—
1731	78,561	11,272
1732	108,964	47,481
1733	176,188	12,333
1734	151,626	—
1735	191,587	—
1736	112,624	—
1737	152,665	—
1738	135,548	—
1739	160,599	2,677
1740	126,755	—
1741	154,312	—
1742	103,081	2,361
1743	76,427	—
1744	118,422	3,545
1745	117,953	47,667
1746	33,112	2,116
1747	101,145	1,903
1748	70,733	12,408
1749	22,773	5,301
1750	43,876	—
1751	35,524	61,041
1752	87,379	119,555
1753	70,203	83,124
1754	29,156	124,378
1755	58,866	124,245
1756	8,312	82,291
1757	16,675	149,283
1758	—	18,103
1759	29,627	65,142
1760	101,985	75,693

APPENDIX E

Year.	Cotton Yarn. lbs.	Diamonds. £	Dimity. Yards.	Guinea Stuffs. Pieces.
1698	—	—	—	—
1699	204,378	—	—	—
1700	165,453	92,108	—	—
1701	146,987	36,456	—	—
1702	97,537	23,414	12,663	—
1703	52,267	1,989	76,129	—
1704	166,640	12,287	26,974	—
1705	Missing.	Missing.	Missing.	—
1706	44,725	3,405	4,338	—
1707	299,642	27	3,670	—
1708	46,846	6,774	54	—
1709	—	42	82	—
1710	—	—	134	—
1711	102,134	500	638	—
1712	—	—	—	—
1713	38,875	36,216	153	41,927
1714	148,051	24,419	176	6,091
1715	39	—	27	—
1716	—	46,833	108	2,880
1717	—	—	468	—
1718	8,485	81,736	782	—
1719	21,741	1,900	12	—
1720	22,047	300	480	19,803
1721	47,447	4,000	2,144	4,881
1722	11,237	3,500	1,391	39,113
1723	27,725	24,000	11,519	30,155
1724	32,455	30,000	8,817	86,792
1725	8,580	42,500	8,075	82,095
1726	46,766	51,500	9,501	104,245
1727	29,352	49,500	7,716	7,157
1728	Missing.	Missing.	Missing.	Missing.
1729	18,436	48,500	3,711	—
1730	31,614	58,500	15,596	—
1731	21,023	27,500	14,008	—
1732	45,963	3,500	34,799	—
1733	69,952	Not available.	10,947	9,750
1734	17,945	—	2,413	—
1735	115,697	—	15,079	70,688
1736	35,599	—	7,649	6,100
1737	2,047	—	13,804	10,080
1738	3,443	—	29,276	4,480
1739	8,256	—	40,880	23,770
1740	—	—	47,391	Not available.
1741	22,338	—	41,877	—
1742	19,224	—	51,165	—
1743	20,727	—	39,040	—
1744	20,242	—	38,479	—
1745	4,981	—	28,245	—
1746	1,557	—	19,115	—
1747	—	—	28,442	—
1748	360	—	23,131	—

Year.	Cotton Yarn. lbs.	Diamonds. £.	Dimity. Yards.	Guinea Stuffs. Pieces.
1749	9,036	—	15,749	—
1750	5,819	—	1,907	—
1751	5,216	—	8,506	—
1752	371	—	19,038	—
1753	3,727	—	9,843	—
1754	41,210	—	21,451	—
1755	39,637	—	21,740	—
1756	6,101	—	271	—
1757	18,906	—	16,758	—
1758	1,007	—	8	—
1759	17,427	—	25,707	—
1760	6,673	—	39,360	—

Note.—Dimity, both white and painted cloths, imported into England are included in the returns under Dimity.

Diamonds.—There are no returns for diamonds after 1732. It would appear that the import was altogether stopped through the direct channel. Probably they came through the Dutch and French. The import of garnet stones becomes prominent instead. There are no returns for Guinea stuffs after 1739, showing that none were imported into the country. It appears that their place was to some extent taken by Bombay stuffs.

APPENDIX F

Year.	Ginghams.	Lungees.	Nillas.	Pallampores.
1698	2,258	7,374	18,264	848
1699	1,380	5	—	—
1700	7,616	418	10,004	11,322
1701	15,359	—	17,341	23,508
1702	647	—	681	563
1703	4,985	6,129	11,354	655
1704	1,489	2,446	3,697	498
1705	Not available.	Not available.	Not available.	Not available.
1706	483	327	1,200	10,560
1707	74	90	93	18
1708	2,502	—	4,955	—
1709	996	4,020	4,462	3
1710	—	48	—	—
1711	1,364	1,440	4,177	1,897
1712	Missing.	Missing.	Missing.	Missing.
1713	11,960	15,526	28,073	2,151
1714	2,621	2,985	7,378	244
1715	—	—	—	—
1716	6	—	316	96
1717	—	—	—	—
1718	2,964	—	2,598	34
1719	3,161	2,230	4,926	12
1720	9,433	6,564	10,824	245
1721	8,616	7,755	12,479	62

Year.	Ginghams.	Lungees.	Nillas.	Pallampores.
1722	2,012	6,545	3,937	47
1723	2,104	4	7,689	23
1724	392	—	7,726	9
1725	1,322	238	2,346	24
1726	4,356	1,726	7,311	31
1727	10,191	2,418	16,849	910
1728	Missing.	—	—	—
1729	6,649	120	10,354	252
1730	5,469	—	12,137	113
1731	4,085	—	4,403	128
1732	2,609	—	4,644	386
1733	1,956	—	13,109	167
1734	82	—	521	23
1735	7,601	1,001	7,573	153
1736	2,900	1,293	5,011	375
1737	2,551	401	7,067	62
1738	2,810	399	9,445	52
1739	2,606	1,955	11,827	38
1740	1,314	601	7,807	51
1741	2,888	—	13,679	14
1742	2,321	600	13,833	231
1743	1,704	—	11,276	111
1744	1,518	—	5,134	53
1745	1,005	—	5,708	92
1746	983	—	5,986	195
1747	236	—	2,423	6
1748	790	—	8,990	24
1749	1,833	—	14,717	129
1750	240	—	6,206	168
1751	243	3	3,148	54
1752	384	—	2,686	317
1753	86	—	2,540	72
1754	786	145	2,195	53
1755	324	585	1,784	84
1756	—	—	—	20
1757	294	427	445	13
1758	—	—	—	—
1759	378	447	833	68
1760	1,550	444	3,892	34

APPENDIX G

Year.	Penniascoes.	Shalbaftas.	Taffetas.	Indigo.
1698	8,187	1,333	3,586	1,999
1699	—	2,605	554	950
1700	1,566	7,492	8	73,240
1701	4,930	3,376	1,099	132,363
1702	—	50	1,874	227
1703	382	—	2,600	—
1704	—	—	1	75,133
1705	—	—	—	—
1706	—	—	—	29,041

Year.	Pennascoes.	Shalbaftas.	Taffetas.	Indigo.
1707	433	4	—	200,552
1708	—	—	—	145,958
1709	513	7	1,231	—
1710	—	—	—	43,180
1711	1,580	—	710	254,819
1712	Missing.	—	—	—
1713	9,094	6,752	2,614	63,837
1714	3,626	1,802	1,265	81,567
1715	—	—	—	233
1716	—	—	—	—
1717	—	—	—	—
1718	1,196	—	236	—
1719	1,125	—	1,947	—
1720	6,051	2,557	6,380	—
1721	5,865	1,919	16,975	—
1722	1,901	278	2,455	—
1723	—	—	4	33
1724	—	—	118	21,209
1725	421	154	1	2,158
1726	1,406	736	2,157	705
1727	6,155	1,704	2,602	31,415
1728	Missing.	—	—	—
1729	2,679	673	1,543	60,926
1730	6,171	345	—	—
1731	5,214	163	—	—
1732	446	—	54	—
1733	525	933	2	—
1734	—	—	1	—
1735	1,523	1,157	6	9
1736	1,175	1,432	—	—
1737	2,027	1,030	2	147
1738	2,465	964	1	—
1739	2,149	609	—	—
1740	1,004	1,001	816	4,067
1741	3,051	821	—	2,901
1742	2,997	—	171	2,941
1743	1,799	—	20	—
1744	1,131	—	3	23
1745	—	—	—	—
1746	—	—	—	—
1747	11	—	—	73
1748	1	—	24	—
1749	2	—	1	—
1750	9	—	—	—
1751	—	5	3	—
1752	—	—	1	154
1753	60	—	—	—
1754	352	—	44	6,903
1755	753	329	351	—
1756	—	—	420	—
1757	197	260	371	11,535
1758	—	—	—	—
1759	287	722	307	11,636
1760	578	220	—	47

APPENDIX H

Per cent Prices of the East India Stock.

Year.		Year.		
1661	90- 94	1693	146- 90	
1664	—	1694	97- 66	
1665	60- 70	1695	93- 50	
1668	130	1696	67- 38	
1669	108-130	1697	65- 47	
1670	111	1698	75- 33½	
1672	80	1699	59- 41	
1677	245	1700	142- 58½	
1680	300-245	1701	119- 75½	
1681	365-460	1702	120- 77½	
1682	150-260	} Prices of the Doubled Stock }	1703	134-106½
1683	170-122½		1704	139½-117½
1684	210	1705	128½- 93½	
1685	500-360	1706	123½- 87½	
1690	300	1707	115½-103½	
1691	200-158	1708	108½- 98½	
1692	158-131	1709	105 -104½	

Prices of the Stock of the New Company.

1699	50½-106½	1705	258½-234
1700	154 -128	1706	260 -238½
1701	140½-100	1707	272 -254½
1702	161 -125½	1708	258½-240½
1703	219 -151½	1709	114 -112
1704	260 -202½		

(Scott's *Joint-Stock Companies*, Vol. II, pp. 177, 179, 189.)

(Roger's *History of Agriculture and Prices in England*, Vol. VI, pp. 721-25.)

CHAPTER VIII

APPENDIX A

Decennial Totals of the Exports of Bullion to

Years.	Bombay.	Madras.	Bengal.
1708-17	£652,978	£1,616,614	£772,520
1718-27	797,727	1,561,238	1,331,529
1728-37	475,001	1,825,894	1,063,447
1738-47	447,499	2,169,066	1,702,908
1748-57	1,075,161	2,541,498	1,835,629
	£3,448,366	£9,714,310	£6,706,033

Decennial Totals of the Exports of Merchandise to

Years.	Bombay.	Madras.	Bengal.
1708-17	£336,657	£319,661	£159,619
1718-27	392,357	303,970	227,163
1728-37	400,052	324,125	511,347
1738-47	565,612	326,183	643,478
1748-57	900,048	581,652	826,825
	£2,594,726	£1,855,591	£2,368,432

Total Bullion and Merchandise Exported to

Years.	Bombay.	Madras.	Bengal.
1708-17	£989,635	£1,936,275	£932,139
1718-27	1,190,084	1,865,208	1,558,692
1728-37	875,053	2,150,019	1,574,794
1738-47	1,013,111	2,495,249	2,346,386
1748-57	1,975,209	3,123,150	2,662,454
	£6,043,092	£11,569,901	£9,074,465

(Based on Parliamentary Paper No. 152 of 1813.)

APPENDIX B

Amount of the Principal Articles of Co.'s Export in the under-mentioned periods, viz.:

Years. Periods from	Woollens.	Lead.	Copper.	Iron.	Tin.	Stores.
1708-20	£963,574	£74,399	—	£53,977	£32,806	£162,507
1721-30	699,334	71,681	—	54,100	3,596	143,341
1731-40	804,024	125,455	173,513	65,632	—	229,548
1741-50	1,190,201	133,251	242,395	72,520	—	198,287
1751-60	1,768,749	127,816	750,873	62,823	—	428,477
	£5,425,882	£532,602	£1,166,781	£309,052	£36,402	£1,162,160

Years. Periods from	Foreign Goods.	Charges.	Total Merchandise.	Bullion.	Total.
1708-20	£33,389	£38,163	£1,358,815	£5,516,907	£6,875,722
1721-30	48,248	34,922	1,055,222	6,274,742	6,329,954
1731-40	99,273	36,064	1,534,023	4,822,018	6,356,027
1741-50	124,065	49,546	2,010,265	6,257,194	8,267,459
1751-60	109,749	51,876	3,300,363	5,661,028	8,961,391
	£414,724	£210,571	£9,258,688	£27,531,889	£36,790,553

(Based on Parliamentary Paper No. 152 of 1812-13, and Macgregor's Commercial Statistics, Vol. IV, p. 410.)

APPENDIX C

The Returns relating to the French Company.

Years.	Vessels returned.	Prix d'achat aux Indes.	Prix de vents en France.
1725-36	221	86,274,958 livres.	162,816,767 livres.
1737-46	159	94,851,921 ..	179,731,336 ..
1747-56	108	81,505,103 ..	154,656,696 ..
1757-66	59	39,660,087 ..	64,887,906 ..
1767-71	38	41,740,249 ..	73,870,825 ..
Total	585	344,032,318	635,963,530

Years.	Vessels sent out.	Yearly av. of such vessels.	Value of merchandise sent to India.
1725-36	252	21	24,313,790 livres.
1737-46	206	20½	28,919,349 ..
1747-56	180	18	41,891,214 ..
1757-66	96	9½	22,807,246 ..
1767-71	28	7	13,699,694 ..
Total	762		131,631,293

(Based on Abbé Raynal's Chart, IV, No. 2 Atlas.)

APPENDIX D

An Annual Statement of

Year.	PRICES OF INDIA STOCK.		BANK STOCK.	
	Lowest.	Highest.	Lowest.	Highest
1731	174	198	144	148
1732	154	178	147	152
1733	136	163	145	151
1734	135	149	132	140
1735	145	169	138	146
1736	169	178	148	151
1737	174	181	142	151
1738	121	176	140	145
1739	121	169	134	144
1740	104	164	138	144
1741	155	164	135	143
1742	157	178	136	143
1743	186	195	145	148
1744	168	194	142	148
1745	163	187	127	147
1746	154	184	124	136
1747	151	177	119	128
1748	156	184	118	129
1749	174	191	127	140
1750	184	188	131	136
1751	184	195	135	143
1752	187	195	141	148
1753	191	191	135	144
1754	182	192	129	135
1755	148	180	120	131
1756	133	145	115	121
1757	133	142	113	120
1758	132	148	117	122
1759	123	141	110	117
1760	134	142	106	114

APPENDIX E

Decennial Abstract of Imports (in thousand pieces).

Years.	Calicoes.	Stained calicoes.	Sooseys.
1697-1700	2,158	—	30
1701-10	5,183	—	53
1711-20	9,657	415	69
1721-30	9,267	1,273	63
1731-40	9,802	2,012	166
1741-50	9,334	{ 1,033	—
		{ 1,785	330
1751-60	7,723	1,682	37

Years.	Wrought silks.	Bengal raw silk.	Chinese raw silk.
1697-1700	109	182	—
1701-10	274	976	—
1711-20	249	553	59
1721-30	520	806	58
1731-40	698	1,395	74
1741-50	373	842	75
1751-60	391	438	903

Years.	Cotton yarn.	Pepper.
1697-1700	399	23,359
1701-10	855	12,761
1711-20	341	16,197
1721-30	254	10,460
1731-40	320	22,943
1741-50	104	29,644
1751-60	141	24,664

CHAPTER IX

APPENDIX A

Shipping Freights from 1626 to 1760.

1626	<table style="border: none;"> <tr> <td style="padding-right: 5px;">£50 per ton for indigo.</td> <td rowspan="2" style="font-size: 2em; padding: 0 5px;">}</td> <td rowspan="2" style="vertical-align: middle;">Brought on the Co.'s ships for private account. (C. Bk. 9, p. 214.)</td> </tr> <tr> <td>£30 per ton for pepper.</td> </tr> </table>	£50 per ton for indigo.	}	Brought on the Co.'s ships for private account. (C. Bk. 9, p. 214.)	£30 per ton for pepper.				
£50 per ton for indigo.	}	Brought on the Co.'s ships for private account. (C. Bk. 9, p. 214.)							
£30 per ton for pepper.									
1627	<table style="border: none;"> <tr> <td style="padding-right: 5px;">£112 per ton of 2240 lbs. for indigo.</td> <td rowspan="5" style="font-size: 2em; padding: 0 5px;">}</td> <td rowspan="5" style="vertical-align: middle;">Co.'s rates on private trade. (C. Bk. 9, p. 423.)</td> </tr> <tr> <td>£224 " " silk.</td> </tr> <tr> <td>£75 " " pepper and cotton-wool.</td> </tr> <tr> <td>£56 " " ginger and aloes.</td> </tr> <tr> <td>2s. 6d. per piece of calico.</td> </tr> </table>	£112 per ton of 2240 lbs. for indigo.	}	Co.'s rates on private trade. (C. Bk. 9, p. 423.)	£224 " " silk.	£75 " " pepper and cotton-wool.	£56 " " ginger and aloes.	2s. 6d. per piece of calico.	
£112 per ton of 2240 lbs. for indigo.	}	Co.'s rates on private trade. (C. Bk. 9, p. 423.)							
£224 " " silk.									
£75 " " pepper and cotton-wool.									
£56 " " ginger and aloes.									
2s. 6d. per piece of calico.									
1629	<table style="border: none;"> <tr> <td style="padding-right: 5px;">£40 per ton offered by the Co. for freight, but no tenders. (C. Bk. 10, p. 426.)</td> <td rowspan="2" style="font-size: 2em; padding: 0 5px;">}</td> <td rowspan="2" style="vertical-align: middle;">£40 charged by the Co. to the Adventurers of the Persian voyages on their ships, viz. the <i>Discovery</i> and the <i>Reformation</i>, bound to Surat and Persia. (C. Minutes, April 13, 1629.)</td> </tr> <tr> <td>£40 charged by the Co. for the Persian voyages. (C. Bk. 13, p. 245.)</td> </tr> </table>	£40 per ton offered by the Co. for freight, but no tenders. (C. Bk. 10, p. 426.)	}	£40 charged by the Co. to the Adventurers of the Persian voyages on their ships, viz. the <i>Discovery</i> and the <i>Reformation</i> , bound to Surat and Persia. (C. Minutes, April 13, 1629.)	£40 charged by the Co. for the Persian voyages. (C. Bk. 13, p. 245.)				
£40 per ton offered by the Co. for freight, but no tenders. (C. Bk. 10, p. 426.)	}	£40 charged by the Co. to the Adventurers of the Persian voyages on their ships, viz. the <i>Discovery</i> and the <i>Reformation</i> , bound to Surat and Persia. (C. Minutes, April 13, 1629.)							
£40 charged by the Co. for the Persian voyages. (C. Bk. 13, p. 245.)									
1630-34	No ships were freighted.								
1635-40	The <i>Enas</i> offered for £25 per ton, while it cost the Co. £35 per ton on their own ships. (C. Bk. 17, p. 25.)								
1639	£20 per ton of 16 cwts. for pepper.								
1641	£30 for calicoes, indigo, and other goods. (C. Bk. 18, pp. 36, 87.)								
1642	£21 for pepper, 15 cwts. net to a ton.								
1643-45	£21 for cloves, 10 cwts. net to a ton. (C. Bk. 18, p. 127.)								
1646 (?)	No ships freighted by the Co.								
1647	£17-£18 for Bantam. (C. Bk. 20, p. 412.)								
1648	£25 for Surat and £20 for Bantam. (C. Bk. 22, p. 43.)								
1649 (?)									
1650	£17-£18 for Bantam. (C. Bk. 23, pp. 88, 113.)								
1651	£17 for gruff like pepper and saltpetre, and £21 for fine goods to Surat; £19 for gruff and £23 for fine goods to the Coromandel Coast. (C. Bk. 23, p. 75.)								
1652 (?)									
1653	<table style="border: none;"> <tr> <td style="padding-right: 5px;">£17 and £18 for gruff and fine goods respectively to Bantam.</td> <td rowspan="3" style="font-size: 2em; padding: 0 5px;">}</td> <td rowspan="3" style="vertical-align: middle;">£17 and £21 for the Coast as well as Bantam.</td> </tr> <tr> <td>£23 and £25 " " " Surat.</td> </tr> <tr> <td>£25 and £28 " " " the Coromandel.</td> </tr> </table>	£17 and £18 for gruff and fine goods respectively to Bantam.	}	£17 and £21 for the Coast as well as Bantam.	£23 and £25 " " " Surat.	£25 and £28 " " " the Coromandel.			
£17 and £18 for gruff and fine goods respectively to Bantam.	}	£17 and £21 for the Coast as well as Bantam.							
£23 and £25 " " " Surat.									
£25 and £28 " " " the Coromandel.									
1654	£25 and £28 for gruff and fine goods. (C. Bk. 23, pp. 345-6.)								
1655 (?)									
1656	No ships sent.								
1657									
1658-63	<table style="border: none;"> <tr> <td style="padding-right: 5px;">£18 and £22 respectively for gruff and fine goods to the Coast and Jambee. (C. Bk. 24, pp. 41, 188, 223.)</td> <td rowspan="3" style="font-size: 2em; padding: 0 5px;">}</td> <td rowspan="3" style="vertical-align: middle;">£18 and £22 respectively for Surat. (C. Bk. 24, pp. 37, 56, 229.)</td> </tr> <tr> <td>£18 and £22 respectively for Surat. (C. Bk. 24, pp. 37, 56, 229.)</td> </tr> <tr> <td>£17 and £21 respectively for Bantam. (C. Bk. 24, pp. 28, 56, etc.)</td> </tr> </table>	£18 and £22 respectively for gruff and fine goods to the Coast and Jambee. (C. Bk. 24, pp. 41, 188, 223.)	}	£18 and £22 respectively for Surat. (C. Bk. 24, pp. 37, 56, 229.)	£18 and £22 respectively for Surat. (C. Bk. 24, pp. 37, 56, 229.)	£17 and £21 respectively for Bantam. (C. Bk. 24, pp. 28, 56, etc.)			
£18 and £22 respectively for gruff and fine goods to the Coast and Jambee. (C. Bk. 24, pp. 41, 188, 223.)	}	£18 and £22 respectively for Surat. (C. Bk. 24, pp. 37, 56, 229.)							
£18 and £22 respectively for Surat. (C. Bk. 24, pp. 37, 56, 229.)									
£17 and £21 respectively for Bantam. (C. Bk. 24, pp. 28, 56, etc.)									

- 1664 £21 and £25 for Bantam.
- 1665 { £21 10s. and £25 10s. for Bantam. (C. Bk. 24, p. 927.)
One month's more pay to ship's company on Surat ships. (p. 928.)
- 1666 (?)
- 1666-68 { £19 and £22 respectively for gruff and fine goods to all parts of
the Indies. The ships were to serve in trade and war. (C. Bk.
25a, p. 35.)
- 1669-70 Not found.
- 1680 { £18 and £20 for Surat, Bantam, and Amoy; £17 and £20 for
Bantam and Amoy. (C. Bk. 32, p. 8.)
- 1681 £17 for Siam. (C. Bk. 32, p. 144.)
- 1682 { £17 and £20 for the Coast and Bay.
£12 and £14 for Bantam on square-sterned ships, English-built.
£10 and £12 for Bantam on round-sterned ships, English-built.
These rates were fixed for the future.
- 1683 { £18 and £21 for Bengal. (Marine Misc. I, doc. i.)
£16 and £19 to Surat and China. (C. Bk. 33, p. 40.)
£17 and £19 to the Bay. (C. Bk. 33, p. 69.)
£17 and £20 to Surat. (C. Bk. 33, p. 88.)
- 1684 £17 and £20 fixed for the future for Surat ships. (C. Bk. 33, p. 61.)
- 1685 £18 and £21 to Priaman. (C. Bk. 33, p. 129.)
- 1686-87 No information.
- 1688 { £18 and £21 to Surat before the outbreak of the European War.
(C. Bk. 35, p. 226.)
- 1689-90 { £27 and £30 to Surat, and £30 to the pepper settlements. (C. Bk.
35, pp. 228, 244.)
- 1691 £28 and £30 to Surat. (C. Bk. 36, p. 69.)
- 1692-93 { £30 for both fine and gruff goods, for all parts. (C. Bk. 36,
pp. 163, 193.)
- 1694 { £34 for both fine and gruff goods for all parts. (C. Bk. 36, pp.
211-12.)
- 1695-96 £40 for both fine and gruff goods. (C. Bk. 37, p. 139.)
- 1697, Feb. £36 for both fine and gruff goods. (C. Bk. 37, p. 148.)
- „ Oct. £24 and £21 for fine and gruff goods respectively. (C. Bk. 37,
p. 205.)
- „ Dec. £20 and £18 for fine and gruff goods respectively. (C. Bk. 37,
p. 215.)
- 1698 { £17 and £20 for gruff and fine goods to all places in the East.
(C. Bk. 37, p. 309.)
- 1699-1700 { £17 and £20 for China, Coast, and Bay. (C. Bk. 37, p. 348.)
£18 and £21 for China, Coast, and Bay. (C. Bk. 37, pp. 35, 41,
42, 99.)
- 1701 £15 for Bencoolen. (C. Bk. 38, pp. 41, 42, 99.)

BOMBAY & SURAT.

COAST & BAY.

Year.	Gruff.	Fine.	Gruff.	Fine.
1702	£30	£30	£30	£30
1703	33	36	33	36 & 30 ¹
1704	33/10	36/10	33/10	36/10
1705	32	34	31	35
1706	—	—	30	33
1707	33	34	31	36
1708-11	34	33/10	30/10	37

¹ For pepper ships. C. Bk. 41, p. 141.

Year.	BOMBAY & SURAT.		COAST & BAY.	
	Gruft.	Fine.	Gruft.	Fine.
1712	£26	£27	£24	£29/10
1713	24/5	25	22	27/5
1714-17	23	24	21	26
1718	25	26	23	28
1719-20	26	27	24	29
1721	26	25/10	22/10	29
1722-32	24	25	22	27
1733-39	23	24	21	26
1740	32-33	33-34	30-31	35-36
1741	33	34	31	36
1742	32-31	33-32	30-29	35-34
1743	31	32	29	34
1744-47	34	35	32	37
1748	28	29	26	31
1749	27	28	25	30
1750	26/10	27/10	24/10	29/10
1751-52	27	27	24	30
1753-54	27	30	24	27
1755	28	31	25	28
1756	34/10	37	31/10	34
1757	36	39	33	36
1758	37	40	34	37
1759	38	41	35	38
1760-62	40	43	37	40

(Wisnet's Compendium, Vol. II.)

APPENDIX B

A view of the number and aggregate Tonnage of Ships that sailed to the East Indies from 1601 to 1707.

Year.	No.	Tonnage.	Year.	No.	Tonnage.
1601	5	1,530	1623	3	950
1604	6	1,740	1624	7	2,900
1606	3	1,250	1625	7	4,230
1608	2	660	1626	7	3,500
1609	1	260	1627	7	2,190
1610	6	2,542	1628	4	1,560
1611	5	2,469	1629	5	2,600
1612	4	1,633	1630	6	2,900
1613	5	2,350	1631	14	7,720
1614	13	4,063	1632	1	400
1615	9	4,363	1633	5	2,430
1616	5	2,950	1634	5	2,170
1617	10	5,096	1635	4	2,260
1618	8	2,736	1636	2	1,300
1619	12	7,644	1637	3	1,600
1620	5	1,930	1638	2	750
1621	10	4,306	1639	5	2,490
1622	3	1,600	1640	5	2,500

Year.	No.	Tonnage.	Year.	No.	Tonnage.
1641	6	3,250	1677-78	13	6,720
1642	4	1,950	1678-79	8	4,260
1643	6	2,200	1679-80 ¹	10	5,420
1644	4	1,910	1680-81 ¹	11	5,430
1645	4	1,920	1681-82	23	9,160
1646	6	2,380	1682-83	19	7,700
1647	4	1,700	1683-84	28	12,980
1648	8	3,350	1684-85	14	5,300
1649	3	1,100	1685-86	27	9,783
1650	10	4,180	1686-87	10	4,020
1651	4	1,400	1687-88	14	5,195
1652	4	1,450	1688-89	4	2,245
1653	2	300		2 Private	
1654	3	1,050	1689-90	2	1,218
1655	1	260		1 Private	
1656	3	1,250	1690-91	6	2,325
1657		None by the Co.		1 Private	
		60 ships other than those of the Co. have been traced as having sailed to the East.	1691-92	7	3,510
1635-57			1692-93	6	3,400
			1693-94	10	3,640
			1694-95	8	2,830
			1695-96	10	4,310
1658-59	25	7,935	1696-97	5	1,420
	4 Private		1697-98	15	6,420
1659-60	7	2,140		4 Private	
1660-61	15	5,415	1698-99	13	5,025
1661-62	10	2,365	New Co.'s	6	2,338
1662-63	7	2,460	Private	1	300
1663-64	10	3,215	1699-1700	12	4,860
1664-65	5	1,275	New Co.'s	11	3,750
1665-66	3	845	Private	2	500
1666-67	3	840	1700-1	12	4,770
1667-68	14	4,760	New Co.'s	13	4,070
1668-69	10	3,175	1701-2	8	2,570
1669-70	14	4,790	New Co.'s	15	4,463
1670-71	20	6,685	1702-3	17	6,043
1671-72	18	6,670	1703-4	15	5,195
1672-73	10	4,130	1704-5	15	4,720
1673-74	13	5,260	1705-6	9	2,660
1674-75	14	5,760	1706-7	9	3,020
1675-76	16	7,170	1707-8	17	5,860
1676-77 ¹	12	5,350			

Mill's account of the Company's shipping from 1689 to 1697 is summed up below to show the scanty and inaccurate information on this important subject:—

1689-90	3 ships.	1694-95	no information.
1690-91	small shipping.	1695-96	8 ships.
1691-92	no information.	1696-97	8 ships.
1692-93	11 ships.	1697-98	4 ships.
1693-94	13 ships.		

(Mill's *History of India*, Vol. I, p. 74.)

¹ The tonnage differs in Macgregor's *Com. Stat.*, p. 44.

APPENDIX C

§
Equipment of the E.I. Company's Ships.

The under-named ships carried men and guns to the numbers given against their names:—

1672-73 ¹		Men.	Guns.			Men.	Guns.
London . . .	96	30	Success . . .	105	36		
President . . .	120	36	George . . .	116	36		
Sampson . . .	91	30	Fleece . . .	116	36		
Cæsar . . .	120	36	Beng. Mert. . .	105	36		
Ann . . .	100	34	W. London . . .	106	36		
Bombay . . .	91	30	Ann . . .	85	36		
Massingbird . . .	103	36	Falcon . . .	64	16		
E I. Merchant . . .	84	30	Society . . .	90	24		
Unity . . .	74	26	Nathaniel . . .	90	24		
Antelope . . .	91	30	President . . .	110	36		
			Eagle . . .	118	36		
			Sampson . . .	120	36		
1677 ²			Castle . . .	106	36		
Phoenix . . .	90	30	Johanna . . .	106	36		
Expectation . . .	68	20	Wilhamson . . .	110	36		
Lancaster . . .	75	24	Lancaster . . .	90	36		
Berk. Castle . . .	80	24					
Eagle . . .	90	24	1709-10 ³	Tons.	Men.	Guns.	
Johanna . . .	90	24	Sherborne . . .	250	50	22	
Wilhamson . . .	120	36	Windsor . . .	200	40	18	
Nathaniel . . .	114	36	Hester . . .	300	60	22	
Society . . .	114	36	Darby . . .	450	90	30	
Falcon . . .	76	30	Dartmouth . . .	440	88	30	
Sampson . . .	120	36	Averilla . . .	300	60	22	
President . . .	104	36	Thistleworth . . .	250	50	22	
Unicorne . . .	64	26	London . . .	500	100	36	
Loy. Subject . . .	83	24	Jane Frig. . .	180	36	16	
Cæsar . . .	90	24					

¹ Court Bk., 25a, p. 113. Letter Bk., V, p. 21.

² Court Bk., 25a, pp. 157-59. ³ Rec. Office, C. O. 16.

CHAPTER X

APPENDIX A

THE List of Prohibited Piece-goods of India taken from the MSS. volume, Customs 17, Vol. XXVII, in the Public Record Office:—

Alatches.	Dotties, blue.	Nillaa.
Allejars.	Dysooksoya.	Pallampores.
Atlas gold.	Emmerties, blue.	Peniascoes.
" silver.	Gauze.	Photaa.
Atchbannies.	Ginghams.	Romalls, cotton.
Bandannoes.	Handkerchiefs, chintz.	" silk.
Bejutapauts.	" cotton.	Sallampores, blue.
Brawls.	" silk.	Sarries, silk.
Byrampauts, blue.	Habashes.	Sastracundies.
Calicoes, blue.	Herbal.	Sattins.
Callowapores.	Khallah Gilles.	Seersuckera.
Carradarries.	Kincobs.	Silka.
Chelloes.	Kisserscoya.	Sooseya.
Chintz.	Lalla Gillees.	Stuffs, Guinea.
Chucklaes.	Longees Herba.	" India.
Cloths, long, blue.	Mugga Sarries.	Succotoons, blue.
Coopees.	Moonoos.	Taffaties.
Cuttancees.	Nawanbya.	Tapseils.
Cushtaes.	Neganepauts.	Tepoys.
Damask.	Niccanees.	Other articles.

APPENDIX B

A sketch of the Duties imposed upon Tea and Coffee.

Years.	Tea.	Coffee.	Act.
1660-88	5 per cent.	5 per cent.	{ 12 Car. II, c. 4. }
1689-94	5s. per lb. more in lieu of the excise of 2s. collected before.	£5 12s. more per 112 lbs.	(1 W. & M., c. 6.)
1692	5 per cent additional, but the former duty of 5s. per lb. was reduced to 1s.	5 per cent additional. But the former duty of £5 12s. was reduced to £3 6s.	(4 W. & M., c. 5.)

Years.	Tea.	Coffee.	Act.
1695	The duty of 1s. per lb. continued on tea imported from the place of its growth; but increased to 2s. 6d. if imported from Holland.	The cwt. duty reduced to £2 16s.	(6 & 7 W. & M., c. 7.)
1699	5 per cent additional.	5 per cent additional.	New Subsidy.
1703-4	5 per cent additional.	5 per cent additional.	$\frac{1}{2}$ & $\frac{2}{3}$ subsidies.
1704	1s. per lb. additional if imported from the place of its growth; 2s. 6d. per lb. additional if imported from Holland.	£2 16s. per cwt. additional.	(3 & 4 Anne, c. 18; 6 Anne, c. 50.)
1707	These duties made perpetual by		(7 Anne, c. 7.)
1712	2s. per lb. additional if imported from the place of its growth; 5s. per lb. additional if imported from Holland. The total gross duties were 20 per cent and 4s. per lb. if imported from the place of its growth, but 10s. per lb. if imported from Holland.	1s. per lb. additional.	(10 Anne, c. 19.)
		Total gross duties were 20 per cent or net £18 18s. 9d. and £10 per 100 lbs. Therefore 400 lbs. or £100 worth had a net duty of £58 18s. 9d. for home consumption and £5 14s. 2d. for exportation.	
1723	4s. per lb. additional duty converted into excise or inland duty.	2s. additional duty converted into 2s. per lb. excise.	(10 Geo. I, c. 10. . 18 Geo. II, c. 26.)
1745	4s. excise reduced to 1s. and all duties replaced by 25 per cent on the price at the Candle.	1s. 6d. per lb. excise on plantation coffee.	(21 Geo. II, c. 1.)
1747	5 per cent additional subsidy.	5 per cent additional.	(21 Geo. II, c. 14.)

(Statutes of the Realm, Vols. V-IX.)

APPENDIX C

A view of the Duties payable on Pepper.

1660. The Old Subsidy of 5 per cent on a valuation of 1s. 8d. per lb.
 1690. The Old Impost of 28s. per 112 lbs. over and above what is charged in the Book of Rates. (2 Wm., c. 4.)
 1692. The New Impost of 5 per cent.
 1703-4. The one and two-third Subsidies—5 per cent for both.
 1712. A new impost of 1s. 6d. per lb. for home consumption, the duty to be paid by the buyers when taken out of the warehouse. (8 Anne, c. 7, and Letter Bk., XV, p. 67.)
 The gross duty at this time was 2s. per lb. on pepper imported directly from the place of its growth, but it was 2s. 3d. per lb. on pepper brought from places other than those of its immediate growth.
 1721. The duty was reduced to 4½d. per lb. for home consumption and ½d. for exportation.
 1747. A further 5 per cent duty on the valuation of 3½d. per lb. (22 Geo. II, c. 2.)

APPENDIX D

Method of calculating the Duties charged on Muslins of £100 value at the Candle.

Acts.	Gross duty.			Allowance for prompt payment.		
	£	s.	d.	£	s.	d.
Old Subsidy	5	0	0	5	0	
Additional Duty	2	10	0	7	3	
Old Impost	20%			1	5	0
New Subsidy	5%			5	0	
¼ Subsidy	1	13	4	1	8	
⅓ Subsidy	3	6	8	3	4	
	<hr/>			<hr/>		
	£37	10	0	£2	7	3
	<hr/>			<hr/>		
15 per cent on muslins	£15	0	0	15	0	£35 2 9 ¹
	<hr/>			<hr/>		
Gross price at the Candle						100 0 0
Allowance to buyers			£8 10 0			
Allowance to the Co.			6 0 0			
The net duty of 15 per cent chargeable on the gross price			14 5 0			26 15 0
	<hr/>			<hr/>		
				£73 5 0		

¹ Net duty.² The further net duty at the gross price at the Candle,

As £135 2s. 9d. : £35 2s. 9d. :: £73 5s. : £19 0s. 11d., the net duty on the reduced value.

All duties except 15 per cent are	£19 0 11
The 15 per cent is	14 5 0
The total duties to be paid	£33 5 11

Therefore £33 5s. 11d. were the duties payable by the proposed method but by the Co.'s method only £27 12s. 10d. were to be paid as follows:—

Net duties	£35 2 9	} according to the Book of Rates on the gross price.
Other duty and charges	26 15 0	
Total duties	£61 17 9	

These to be deducted from
the gross price at the
Candle give the Reduced
value of 38 2 3

Therefore as 100 : £35 2s. 9d. :: £38 2s. 3d. : £13 7s. 10d.

Net duty on reduced price	= £13 7 10
Net duty on gross price	= 14 5 0

Total to be paid by the Co. = £27 12 10

APPENDIX E

A view of the Duties on China ware according to the two methods :

Duties.	Gross amount.	
Old Subsidy .	£7 10 0	Discount for prompt payment = £2 7 6
Old Impost .	20 0 0	Net duties payable . . . = 52 2 6
New Subsidy .	7 10 0	Discount and Charges . . = 12 10 0
$\frac{1}{2}$ Subsidy .	2 10 0	As £152 2s. 6d. : £87 10s. ::
12% by 3 Anne	12 0 0	£52 2s. 6d. : 29 19 7 $\frac{1}{2}$
$\frac{1}{2}$ Subsidy .	5 0 0	87 10 0
		29 19 7 $\frac{1}{2}$ Duties allowed.
	£54 10 0	
		£57 10 4 $\frac{1}{2}$ Reduced value.

But according to the Co. £100—£64 12s. 6d. = £35 7s. 6d. is the reduced value on which duties are calculated.

Duties payable	£29 19 7 $\frac{1}{2}$
Duties paid by the Co.	18 8 9 $\frac{1}{2}$

APPENDIX F

Duties Collected on Indian Imports.

Year.	15 per cent on muslins.	Impost 1690 on silks.
1700	£88,062	£231,805
1701	19,313	203,150
1702	56,527	152,224
1703	36,695	192,891
1704	17,751	149,164
1705	11,615	136,063
1706	33,319	145,657
1707	25,755	102,399
1708	58,924	115,999
1709	5,248	120,330
1710	30,623	87,657
1711	29,835	108,191

APPENDIX G

50 Years' Chart of Tea Income.

Years.	Revenue from Tea.	Sale Amount less discount.	Duty %.
1711 and 1712	£83,523	£232,008	36
1713-21	1,391,143	1,950,576	82
1722-23	1,386,014	693,007	200
1724-33	2,052,387	2,443,318	84
1734-44	4,466,199	3,489,218	128
1745-47	874,418	1,267,273	69
1748-59	6,288,588	8,384,784	75

(Moreau's E.I. Co.'s Records, p. 8.)

APPENDIX H

Abstract of the yield of Revenue from Oriental Goods.

Years.	
1601-12	£6,808 per year.
1613-17	16,250 "
1618-25	30,000 "
1625-49	20,000 "
1667-74	35,000 "
1672-82	35,972 "
1691	142,717 "
1697	122,761 "
1750-59	900,000 "

REGISTER OF SHIPS

A Complete List of Ships that left England for the East Indies with their tonnage and destination from the establishment of the Indo-British Commerce to the year 1707.

Introductory Remarks.—A few preliminary observations on the value of the list of ships and their tonnage which has been compiled for the first time in the history of the E. I. Company are absolutely indispensable. The whole shipping list for 107 years, from 1601 to 1707 inclusive, has involved an immense amount of labour, but it is a matter of great satisfaction that the task is almost complete. The Marine Journals, Court Minutes, Letter Books, and the Home Miscellaneous Records at the India Office have been pressed into service for finding out the names and tonnage of the various ships that sailed from England to the East Indies. *Yet this stated tonnage is not absolutely exact, but a reliable approximation to the actual amount.*

A cursory glance at the tonnage of the ships of the first and third voyages of the Company will show what mighty differences exist in the figures given by Sir Dudley Digges, the Court Minutes of the Company, and the Marine Records. Similarly, the returns given by Purchas for some of the early voyages do not always tally with those contained in some of the Company's Records, as in the case of Martin Pring's fleet of 1616. *What an amount of embarrassment one has to undergo when one finds different tonnage stated for the same ship in the different or even the same records, as in the case of the Palsgrave (1625), the Royal Mary (1630), the Crispian (1635), the Advice (1637), the William (1648), and others.*

Such discrepancies existing in the Company's own shipping become almost confusing in the case of freighted ships.¹ The

¹ The discrepancies in the tonnage of the same ships as stated in the Court Book 25a can be seen at a glance in the following table:—

Ship.	P. 140	P. 157	P. 159
Lancaster . . .	470	550	450
Eagle . . .	525	600	590
Johanna . . .	515	600	530
Williamson . . .	—	600	550
Nathaniel . . .	550	570	600
• Society . . .	550	570	600

Thus it will be evident that discrepancies are unavoidable, but they have been reduced to a minimum by a careful scrutiny of the available data.

same ship was chartered by the Company at different tonnage in its various voyages to the East, and hence the variance in the tonnage of the same ship is but natural. Sometimes the burden of a certain ship sailing in a particular year could not be traced out; in such a case I had to adopt its tonnage as given for the previous or subsequent voyages. Moreover, the tonnage of a few ships could not be traced at all. In such cases I have assumed their tonnage on the basis of the information scattered here and there, and explicitly mentioned the fact against the names of those ships. It is perhaps needless to remind the reader that in spite of every effort to make the list of ships complete and authentic there is a likelihood of omissions and mistakes in preparing it from the unpublished records of the Company; records, too, which have neither contents nor indices. Fortunately more than one-half of the whole list could be confirmed from other important and independent sources.

A synthesis of the evidence for the first period of fifty-seven years is as below :—

- 1601–13. Confirmed by Sir Dudley Digges' *Trades Increase*, published in 1615.
 1613–16. William Foster's *Letters Received*, Vol. VI.
 1617–21. No corroboration. See references in the list.
 1622–34. Sainsbury's *Calendars of State Papers, E. Indies*.
 1635–57. Compiled from the printed volumes of the *English Factories and the Court Minutes* by Wm. Foster. No other corroboration. See references for tonnage in the list itself.

So far as the remaining fifty years are concerned the list could not be confirmed from any independent collateral record for the years 1658–63.

Since January, 1664, to March, 1669, the register of ships with full details of their cargoes and tonnage has been preserved in the India Office as *Home Miscellaneous*, Vol. 15. I have invariably followed the *Letter Books* for the values of their cargoes and the *Home Miscellaneous* for the tonnage of the ships. The latter document is also important for recording the prices of the various commodities bought by the Company for sending to the East Indies.

There is yet another valuable document—*Court Book 25a*—which preserves the details of ships and exports from the year 1667 to 1679. My list has, in the first instance, been compiled from the *Letter Books* and afterwards confirmed and supplemented from the above-mentioned record. Thus there is a moral certainty of the absolute correctness of the number of ships and their tonnage and the cargoes sent to the Indies from the year 1664 to 1679 inclusive,

The succeeding years present great difficulty. Macgregor has given a table of the number of ships and the annual exports sent to the East by the Company since 1680 to 1709 inclusive. He does not quote his authority for these returns and hence it is impossible to go to his original source. I have invariably followed the Letter and Court Books for these years also, and am quite unable to tally my returns with those of Macgregor. I have quoted my authority for every ship, its tonnage, and the cargo on it wherever the latter was available. Hence the disparity in our returns more or less explains itself. For the six years from April, 1685, to June, 1691, there are available two "lists of ships that left England for the East with the value of their cargoes" in the Marine Records Miscellaneous, Vol. IV. One would naturally suppose them to be complete for the period, but it is not the case. Hence the Letter Books and Court Minutes had again to be relied upon for these years.

The task for the next nine years became comparatively easy by the possession of a list of ships sent to the Indies from November, 1691, to January, 1700, which was traced out by me in the "England's Almanack" of 1700. It does not, however, give the tonnage of ships, nor their destination and value of cargoes for the first six years. The usual records were again pressed into service for these purposes. Except for the four ships that have been added to the above-mentioned list, it is otherwise complete. But the returns of this period, too, do not coincide with those of Macgregor. He is also at variance with the Company's statement for the three years from 1692-93 to 1694-95 made in their petition to the House of Commons in November, 1695. It is stated that the Company sent out to the Indies in

	Ships.	Burden.
1692-93	6	3,380
1693-94	11	4,073
1694-95	8	3,390

Cargo for three years=£306,265. (Court Bk. 37, pp. 37, 42.)

Macgregor's returns have another serious defect. He does not evidently include the ships sent out by the New E.I. Company erected in 1698 by an Act of Parliament. This Company with their offshoot of the "Separate Traders" were the legal successors of the Old Company, and hence the ships and cargoes sent by them ought to have been added to those despatched by the latter. My list takes cognisance of all the ships sent to the E. Indies and thus presents the Anglo-Indian trade in its true light.

LIST OF SHIPS

Separate Voyages.

1601. 1st voyage, Capt. James Lancaster. To Bantam—Acheen.	
Dragon	600 tons Danvers' Report on the Marine Records in the India Office; 700 tons, Marine Misc., IV; 1060 tons, Digges.
Hector	300 ,, 500 tons, Marine Misc., IV; 800 tons, Digges.
Ascension	260 ,, 400 ,, Digges.
Susan	240 ,, 400 ,, Digges.
Gift	130 ,,
1604. 2nd voyage, Capt. Henry Middleton. To Bantam—Amboyna.	
Dragon	600 tons
Hector	300 ,,
Ascension	260 ,,
Susan	240 ,, Lost near the Cape of Good Hope.
Sir E. Michelbourn's ships—Captain John Davis. To Bantam.	
Tiger	240 tons Lediard's Naval History of England, p. 401.
Tiger's Whelp	100 ,, Assumed.
1606. 3rd voyage, Capt. Wm. Keeling. To Bantam.	
Dragon	600 tons
Consent	150 ,, 105 tons, Marine Misc., IV; 115 tons, Purchas, I, p. 224; 240 tons, Digges.
Hector	500 ,, with Capt. John Hawkins for Surat.
1607. 4th voyage, Capt. Alex. Sharpey.	
Union	400 tons (Digges) to Priaman in Sumatra; <i>sunk</i> on the coast of Brittany on homeward voyage in February, 1611.
Ascension	260 ,, To Surat; <i>sunk</i> at Gundavi near Surat. (Marine Journals, Vol. VII.)
1608-9. 5th voyage, Capt. David Middleton. To Java and Banda.	
Expedition	260 tons 320 tons, Digges.
1610. 6th voyage, Commander Sir Hy. Middleton. To Surat.	
Trade's Increase	1293 tons Digges. 1000 tons, Purchas, I, p. 247; 1100 tons in other books.
Peppercorn	342 ,, Digges. 250 tons, Purchas.
Darling ¹	150 ,, ,, 90 tons, Purchas.
Samuel, pinnace	180 ,, Lediard's Naval History, p. 426.
Relief	50 ,, Assumed.
1610-11. 7th voyage, Capt. Anthony Hippon. To Coromandel Coast.	
Globe	527 tons Digges.
1610-11. 8th voyage, Capt. John Saris. To Arabia, South Seas and Japan.	
Hector	800 tons Digges.
Clove	527 ,, ,,
Thomas	342 ,, ,,
Interloping voyage, Capt. Samuel Castleton.	
Pearl	200 tons.

¹ 50 to 60 tons according to Coen on p. 364 of Jourdain.

LIST OF SHIPS

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	1611-12.	9th voyage, Capt. E. Marlowe.	To Surat.
James	. . .	600 tons Digges.	
	1611-12.	10th voyage, Capt. Thomas Best.	To Surat.
Dragon	. . .	700 tons Digges.	
Hosiander	. . .	213 " "	
	1611-12.	11th voyage, Capt. Ralph Wilson.	To Surat.
Solomon	. . .	400 tons Digges.	
	1612-13.	12th voyage, Capt. Christopher Newport.	To Diul, Tecco and Bantam.
Expedition	. . .	320 tons Digges.	

First Joint Stock Voyages.—1613-17.

1613-14.

Concord	. . .	213 tons Digges, pp. 19-22.	Capt. Hawkins. To Bantam.
Concord	. . .	230 " Digges, p. 31.	
New Year's Gift	. . .	867 " ¹ Digges.	650 tons in Marine Misc., IV, p. 21.
Merchant's Hope	. . .	533 " "	400 " " "
			300 " in Lediard's Naval History.
Hector	. . .	800 " "	500 " in Marine Misc., IV.
Solomon	. . .	400 " "	300 " "
			200 " in Court Bk. 3, p. 1.

The whole fleet was under Capt. N. Downton and was bound for Surat.

1614-15. Fleet under Capt. David Middleton. Bound for Bantam.

Samaritan	. . .	453 tons Digges.	Cf. Court Bk. 3, pp. 40, 45, 93.
Thomas	. . .	342 " "	
Thomasine	. . .	133 " "	£3,300 in all were sent on these ships.
Advice	. . .	160 tons Digges.	Capt. R. Youarte. Bound for Bantam.
Attendance	. . .	100 " Assumed.	Taken by the Dutch.
Dragon	. . .	700 " Digges.	Capt. Wm. Keeling. Bound for Surat.
Lion	. . .	336 " "	
Peppercorn	. . .	342 " "	
Expedition	. . .	320 " "	
Lannerett	. . .	200 " "	Court Bk. 3, p. 130; Court Bk. 5, p. 313.
Speedwell	. . .	?	
Defence	. . .	400 " "	Capt. S. Castleton. Bound for Bantam.
Clove	. . .	527 " "	

1615-16. Capt. Benjamin Joseph.

Charles	. . .	1000 tons	Court Bk. 3, pp. 480, 578.	Bound for Surat.
Unicorn	. . .	700 " "	" "	" "
James	. . .	600 " "	" "	" "
Globe	. . .	527 " "	" "	" "
Swan*	. . .	400 " "	" "	" Bantam.
Rose, pinnace	. . .	140 " "	" "	" "
Hosiander	. . .	213 " "	Court Bk. 5, p. 313	" "

¹ Sir T. Roe states the tonnage to be 650, 500, 300 and 200 tons, respectively, for the four ships. (Embassy, p. 34.)

Hope	. . . 533 tons	Digges. Capt. Christopher Newport. Bound for Bantam.
Hound*	. . . 250 "	Assumed.

1616-17. Capt. Martin Pring. Bound for Surat and Bantam.

James Royal	. 1000 tons	To Surat under Alex. Child (Purchas, I, p. 606.
Anne	. . . 700 "	Fact. Rec. Surat, I, p. 102. Digges, 900 tons; same by Macpherson and Harris.
New Year's Gift	. 700 "	Court Bk. 4, p. 456; 800 tons by Macpherson and Harris.
Bull	. . . 400 "	
Bee	. . . 150 "	Purchas, I, p. 631; Foster's Letters, VI, p. xlii.

Second Joint Stock Voyages

1617-18. Commander Sir Thomas Dale. Bound for Bantam.		
Globe	. . . 527 tons	Court Bk. 4, pp. 29-30, 126 for this fleet.
Sun	. . . 700 "	Stated value £10,000 against £3,000 for the Lion of 386 tons. (Home Misc., 39, p. 156.) Lost.
Clove	. . . 527 "	
Peppercorn	. . . 342 "	
Defence*	. . . 400 "	
Discovery	. . . 500 "	
Unicorn	. . . 700 "	
Samson*	. . . 600 "	Assumed.
Moon	. . . 600 "	Stated value £6,000. (Home Misc., 39, p. 158.) Lost.
Flour	. . . 200 "	Assumed.

Ships marked with an asterisk were taken by the Dutch.

1618-19. Capt. Rob. Bonner's Fleet to Malabar and Bantam:—

Dragon	. . . 600 tons	
Expedition	. . . 280 "	Purchas, I, p. 488.
Lion	. . . 386 "	
Anne Royal	. . . 750 "	Calendar, III, p. 558.
Bull	. . . 400 "	Calendar, II, p. 287.
Rose	. . . 140 "	
Dragon's Claw	. . . 100 "	Assumed.
Lion's Claw	. . . 200 "	Assumed.

1619-20. Capt. J. Bitkell's Fleet. See Court Bk. 4, p. 254; Calendar, II, pp. 175, 245.

Charles	. . . 1000 tons		To Surat.
Diamond	. . . 300 "	Court Bk. 4, p. 306.	"
Ruby	. . . 700 "	" "	"
Supply	. . . 100 "	Assumed.	"
Elizabeth	. . . 978 "		To Bantam.
Palsgrave	. . . 1083 "		"
Hope	. . . 533 "		"
Star	. . . 250 "	Marine Misc., IV.	"

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Capt. Fitzherbert's Fleet :—

Royal Exchange .	700 tons	Calendar, II, p. 40.	
	800 „	Fac. Rec. Surat, p. 102.	
White Bear . . .	900 „	If it was the old ship bought from the navy see Lediard's Naval History, p. 394.	
Unitie	300 „	Calendar, II, p. 483.	
Centaur	100 „	Assumed.	

1620-21. Capt. Andrew Shilling's Fleet to Surat and Persia.¹ See Marine Journal No. 30 ; Purchas, I, p. 723.

London	800 tons	
Hart	500 „	
Roebuck	300 „	
Eagle	280 „	
Godspeed	50 „	

1621. Capt. John Weddell's Fleet :—

Jonas	700 tons	
Dolphin	500 „	Court Bk. 7, p. 230.
Whale	700 „	Estimated. Lost.
Lion	386 „	Lost.

Capt. Walter Bennet's Fleet :—

Lessor James . . .	500 tons	
Anne Royal	700 „	Lost.
Fortune	200 „	
Trial	500 „	Court Bk. 5, pp. 25, 85. Lost.
Rose	100 „	
Richard	20 „	

1622. Capt. John Hall.

Blessing	700 tons	Court Bk. 5, pp. 248, 301.
Discovery	500 „	" "
Reformation	400 „	

1623.² See Court Bk. 5, pp. 398, 431 ; Eng. Factories, Vol. 1622-23, p. 260.

Hart	500 tons	To Surat.
Abigail	150 „	To Bantam.
Roebuck	300 „	

1624.

Royal James	1000 tons	Court Bk. 6, p. 430.
Jonas	700 „	Boothby.
Eagle	400 „	
Star	250 „	Marine Misc., IV.
	350 „	Eng. Fac., Vol. 1624-29, xxxiv.
Spy	100 „	Assumed.
Scout	100 „	"

¹ Macgregor says that Shilling sailed in Feb., 1619. It was Feb., 1620.

² Eight ships were proposed to be sent this year to Surat and Bantam (Court Bk. 4, p. 413.)

LIST OF SHIPS

Ship.	Tonnage.	Reference.	Destination.
1625.			
Palsgrave	. 1083	Court Bk. 4, p. 254.	Surat.
	800	Marine Misc., IV.	
Dolphin .	. 500		Surat.
Lion .	. 386	Burnt by the Portuguese.	
Falcon .	. 560	Calendar, IV, p. 614.	Surat & Bantam.
Swallow .	. 100	Calendar, III, LX.	Bantam.
London .	. 800		
1626.			
Discovery	. 500	Calendar, IV, p. 643.	Surat.
William .	. 700		"
Blessing	. 700		"
Morris .	. 400	Lost. Home Misc., 39, p. 158.	"
Christopher	. 300	Assumed.	"
Exchange	. 700		"
Expedition	. 200	Boothby. ¹	"
1627.			
Mary Royal	. 800	Marine Misc., IV.	Persia & Bantam.
Hart .	. 500		Surat & Bantam.
Star .	. 250		" Persia.
Hopewell	. 240	Bruton. ²	" "
Refuge .	. 150	Assumed	" "
Scout, pinnace	100		" "
Speedwell	. 150		" "
1628. ³			
Jonas .	. 800		
Dove .	. 300	Assumed.	
Expedition	. 200	Marine J., No. 50.	
Little James	. 260	Court Bk. 15, p. 14. It was a prize ship.	
1629.			
Charles .	. 700	Calendar, IV, p. 643.	Surat.
Discovery	. 500	" and Marine J., No. 52	"
Reformation	. 500	"	"
Samuel .	. 300	Lediard's Naval History, p. 459.	"
London .	. 600	Calendar, IV, p. 643.	Bantam.
1630.			
Ships of the 2nd and 3rd voyages to Persia :—			
James Royal	. 1000	Marine J., No. 55 ; Court Bk. 13, p. 117.	
William .	. 700		
Mary Royal	. 800	Marine Misc., IV, doc. 17 ; Court Bk. 18, p. 233.	

¹ A Brief Discovery of Madagascar, by Richard Boothby, London, 1644.

² News from the East Indies ; or a Voyage to Bengalla, by Wm. Bruton. London, 1632.

³ Two ships of the Earl of Warwick have to be added. The Co.'s President and Factors at Surat were imprisoned in 1628 for robberies committed by these ships.

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Ship.	Tonnage.	Reference.	Destination.
Star	250	Marine Misc., IV, doc. 17; Court Bk. 18, p. 233.	Masulipatam.
Dove	150	Joint Stock Ship.	Surat & Persia.
Seahorse	150	Pirate Quail's ship. Court Bk. 4, p. 521.	
1631.			
Blessing	700		Surat & Persia.
Exchange	700		" "
Speedwell	200		" "
Hopewell	240		" "
Palsgrave	1083		Surat.
London	800		Bantam.
Pearl	250	Calendar, V, p. 283.	Masulipatam.
Jewell	250		Bantam.
Charles	700		Surat.
Jonas	800		"
Dolphin	300	Court Bk. 22, p. 26.	"
Hart	500		"
Swallow	100		"
Intelligence	100		"
1632.			
Swan	400	Court Bk. 12, p. 104.	Masulipatam.
1633.			
Comfort	200	Court Bk. 15, p. 142.	Surat.
Palsgrave	1083	Wrecked. Court Bk. 16, pp. 215, 246.	"
Discovery	500		"
Reformation	400		Bantam.
Jewell	250	Letter Bk. I, p. 130.	Coromandel Coast.
1634.			
Expedition	260	Court Bk. 15, p. 14.	Bantam.
London	800		Surat.
Blessing	700		"
Hopewell	240		"
Consolation	170	Court Bk. 15, p. 142.	Jambee.
1635. ¹			
Coaster	260	Assumed.	Bantam
William	700		Surat.
Crispian	400	Court Bk. 15, p. 109.	
	500	" 13, p. 45.	
Swan	400	" 13, p. 104.	Coromandel.
1636.			
Mary	800	Court Bk. 16, p. 129.	Surat.
Hart	500		Bantam.

The tonnage of English ships given in Dutch Records, B. II,

¹ The Co.'s Factors were imprisoned at Surat for piracies committed by the two ships of Cobb and Ayres in 1635.

LIST OF SHIPS

Vol. III, docs. 106 and 113, is generally half of that stated in the English Company's Records. The reader should not be misled by the Dutch figures. Some examples are given below :—

Ships.	Tonnage.	Ships.	Tonnage.
Pearl . . .	175	Maria . . .	400
Palsgrave . . .	400	Hart . . .	300
Reformation . . .	200	Thomas . . .	100
London . . .	400	Eagle . . .	100
Hopewell . . .	75	Speedwell . . .	80
Expedition . . .	125	Providence . . .	50
William . . .	350	Swan . . .	150
Crispian . . .	200	Discovery . . .	300
Great James . . .	450	Comfort . . .	100
Exchange . . .	400	Blessing . . .	400
Dolphin . . .	250		

1637.			
Ship.	Tonnage.	References.	Destination.
Advice . . .	350	Court Bk. 20, p. 444.	Coromandel and Bantam.
	500	„ 22, p. 113.	„
Eagle . . .	600	„ 16, p. 226; Marine Misc., IV, doc. 23;	Surat.
Jonas . . .	500	„ 19, p. 159.	„

1638.			
Discovery . . .	500		Surat.
Jewel . . .	250	Lost on the sea.	Bantam.

1639.			
London . . .	800	Court Bk. 18, p. 310.	Surat.
Reformation . . .	400		Bantam and Masulpatam.
William . . .	700		Bantam.
Hopewell . . .	240		Coromandel and Bantam.
Advice . . .	350		Bantam.

1640.			
Blessing . . .	700	Court Bk. 19, p. 173.	Bantam.
Jonas . . .	500	Lost on the sea.	„
Swan . . .	400		„
Cæsar . . .	400	Court Bk. 18, pp. 55, 72.	„
		Freighted ship.	
Crispian . . .	500	Court Bk. 17, pp. 130, 159.	Surat.

1641.			
Mary . . .	600	Fac. Rec. Misc., 12, p. 39.	Bantam.
Discovery . . .	500	Court Bk. 17, p. 306; Court Bk. 18, p. 233.	Surat.
London . . .	800		„
William . . .	700		Bantam.
Hopewell . . .	250	Marine Misc., IV.	Coromandel.
Reformation . . .	400	Court Bk. 17, p. 300.	„

LIST OF SHIPS.

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Ship.	Tonnage.	1842. ¹ References.	Destination.
Blessing . . .	700		Bantam.
Ulysses . . .	350	Court Bk. 18, p. 127.	"
Aleppo Mert. . .	400	" 22, p. 113.	Surat.
Crispian . . .	500		"
1643.			
Dolphin . . .	300	Court Bk. 18, pp. 263, 266.	Surat.
Hind . . .	300	" 18, pp. 263, 271.	"
Seaflower . . .	180	" 18, p. 234.	"
Hart . . .	220	" 18, pp. 210, 214, 272, 278.	Coromandel.
Endeavour . . .	400		"
Mary . . .	800		Bantam.
1644.			
William . . .	650	Fac. Rec. Misc., 12, p. 91. A new ship.	Bantam.
Blessing . . .	260	Fac. Rec. Misc., 12, p. 91. A new ship.	"
John . . .	500	Court Bk. 19, p. 159.	Surat.
Crispian . . .	500		"
1645.			
Eagle . . .	400	Court Bk. 21, p. 58.	Surat.
Falcon . . .	560		"
Lanneret . . .	160		"
Mary . . .	800		Bantam.
1646.			
Antelope . . .	350	Marine Misc., IV, doc. 21.	Surat.
Greyhound . . .	400	Its first name was Swan.	"
Dolphin . . .	300		"
William . . .	700		Bantam.
Ulysses . . .	330	Court Bk. 22, pp. 24, 32.	"
Endymion . . .	300	" 23, p. 74.	"
1647.			
Mary . . .	800		Bantam.
Eagle . . .	400		Surat.
Blessing . . .	260		"
Farewell . . .	140	Court Bk. 20, p. 27.	Coromandel.
1648.			
Dolphin . . .	300	Court Bk. 22, p. 26.	Coromandel.
Bonito . . .	400	" 18, pp. 262, 266.	"
Advice . . .	300	" 22, p. 37.	Bantam.
William . . .	700	" 23, p. 4.	"
Endymion . . .	300	" 23, p. 74.	"
Aleppo Mert. . .	400	" 22, p. 113.	Surat.
Golden Fleece . . .	550	" 22, p. 24, but 450 tons in Court Bk. 23, p. 74.	"
Greyhound . . .	400		Coromandel.
1649.			
Ruth . . .	400	Court Bk. 22, p. 80.	Bantam.
Anne . . .	300	" 21, p. 63.	"
Eagle . . .	400		Surat.

¹ A ship was proposed to be sent for *Bombay*. (Court Bk. 18, p. 234.)

LIST OF SHIPS

Ship.	Tonnage.	References.	Destination.
1650.			
E. I. Merchant	330	Court Bk. 23, p. 74, but 350 on p. 358.	Bantam.
Advice	500	Court Bk. 22, p. 113, but 350 in Court Bk. 23, p. 74.	"
William	700		"
G. Fleece	550		"
Love	450	Court Bk. 23, p. 74, but 400 in Court Bk. 20, p. 444.	Surat.
Aleppo Mert.	400		"
Lioness	350	Court Bk. 22, p. 113.	Coromandel.
Bonito	400	" " 22, pp. 19, 32.	"
Supply ¹	250	Marine Misc., IV, doc. 22.	"
Assada Mert.	250	Assumed.	Madagascar.
1651.			
Eagle	600	Marine Misc., IV; but 500 in Court Bk. 23, p. 463.	Surat.
Blessing	260		"
Anne	300	Court Bk. 21, p. 63.	Bantam.
Welcome	240	" " 23, p. 14.	Assada.
Recovery		Permission ship.	"
1652.			
Smirna Mert.	450	Court Bk. 23, p. 74.	Surat.
E. I. Merchant	300		Bantam.
Roebeck	250	" " " but 350 in Court Bk. 22, p. 32.	"
Love	450	Court Bk. 23, p. 74, but 400 on p. 358.	Coromandel.
1653.			
Dove	150		Surat.
Welcome	240		"
1654.			
Eagle	500		Surat.
Katherine	200	Court Bk. 23, p. 239.	Coromandel.
E. I. Merchant	350	" " 23, p. 458.	Bantam.
1655.			
Three Brothers	260	Court Bk. 24, p. 13.	Coromandel.
1656.			
William	450	Court Bk. 23, p. 358.	Bantam.
Endymion	300	" " 23, p. 74.	"
Eagle	500		Surat.
1657.			
None was sent by the Company.			

¹ Supply was the first Indian-built ship that went to England. (Court Bk. 20, p. 509.)

Ships of the Courteen Company.

1635.

Ship.	Tonnage.	References.
Dragon . . .	—	Foster's Court Min., Vol. 635-39, pp. 35, 130 ; Court Bk. 16, pp. 228-29.
Sun . . .	—	" " " "
Katherine . . .	—	" " " "
Panther . . .	—	" " " "
Anne . . .	—	" " " "
Discovery . . .	—	" " " "
Samaritan . . .	250	" " " "
Roebuck . . .	100	" " " "

1639.

William . . .	—	Eng. Fac., Vol. 1637-41, xxi.
Talbot . . .	—	" "
Thomasine . . .	—	" "

1640-41.

Paradox . . .	—	Fac. Rec. Misc., 12, 147.
William . . .	—	" "
Thomas & John . . .	—	" "
Sun . . .	—	" "
Loyalty . . .	—	" "
Unity . . .	700	" "
Hester . . .	700	" "
James . . .	700	" "

1641-42.

Bonasperance . . .	700	Eng. Fac., Vol. 1642-45 pp. 26, 29.
Bonadventure . . .	700	" " "
Hampton Mert. . .	700	" " "

1645.

James . . .	—	Eng. Fac., Vol. 1642-45, xxii.
Lioness . . .	—	" "
Friendship . . .	—	Vol. 1646-50, p. 100.

Private Ships from 1654 to 1657.

Allum Frigate.	Persian Mert.	Expedition.	Friendship.
Jonathan.	Constantin. Mert.	Richard & Martha.	Society.
Hopeful.	William & John.	Two Sisters.	Dethic.
Benjamin.	Adventure.	Rose.	Vine.
Mayflower.	Reformation.	Aleppo Mert.	Virgin.
Constantin. Mert.	Lion.	Loyalty.	Good Hope.
Goodwill.	Peter & Jane.	E. I. Merchant.	Love.
Smyrna Mert.	African Frigate.	John & Thomas.	Olive Branch.
Greyhound.	Coast Frigate.	Little Eagle.	Marigold.

During this period of open trade there were probably sent out many more vessels of which no trace occurs in the Records. Eng. Fac., Vol. 1654-60, pp. 49, 77, 117, 131-33, 136-37; Letter Bk. I, p. 365; II, pp. 143, 154.

We learn from the Dutch Records, B. II, doc. 137, that in 1655 thirteen private vessels were to sail between Guinea and India.

January, 1653, to April, 1659.

Reference for Exports.	Ship.	Tonnage.	Destination.	Money.	Goods.
L. Bk. I, pp. 395, 400; II, pp. 50, 61	Love	400	Hoogly	£21,560	£21,940
" I, p. 387; II, pp. 9, 30, 47	Marigold	200	Guinea & Coast	None	4,645
" II, pp. 20, 47, 95	Anne	230	Coast	9,000	12,567
" II, pp. 20, 47, 95	Blackmore	240	Guinea & Coast	15,522	23,945
" I, p. 405	Mayflower	250			
" II, p. 81		300	Coast	8,048	8,118
" II, p. 81	{ Merchant's } Delight	350	Coast		
" II, p. 47	London	250	Hugly	10,033	10,993
" II, p. 55	Welcome	380	Coast	21,560	21,940
" II, p. 71	Persia M.	250	Surat	6,000	7,222
" II, pp. 132-33	Persia M.	360	Coast	7,558	7,558
	Surat Frig.	150	Guinea & Surat		6,956
			(£4,000 or £5,000 more for Surat, pp. 146-47)		
" II, p. 151	Samaritan ¹	250	Guinea & Coast	None	8,218
" II, p. 168	Coast Frig.	250	Guinea & Surat	None	8,955
Eng. Fac., Vol. 1654-60, p. 77	Gilbert	250	Coast & Bantam	7,500	7,500
L. Bk. II, p. 90	Eagle	500	Surat	31,290	33,299
" "	Smirna Mer.	450	"	23,301	24,545
" "	Society	240	"	12,449	13,338
" " p. 175	Vine	150	"	4,006	6,326
" " p. 183	London	400	"	5,596	5,842
" " p. 217	Constant. M.	430	"	11,216	18,766
" " p. 194	Discovery	500	Coast & Jambee	4,927	7,327
" I, pp. 410, 414-18	Katherine	250	Coast & Bantam	7,186	7,222
" "	Mert. Adventure	430	Coast & Bay	8,485	9,903
" "	Madraspatan M.	250	Coast & Bay	7,000	8,278
" II, p. 112	Advice	375	Bantam	9,000	9,266
" "	Dragon	400	"	6,067	6,081
Eng. Fac., Vol. 1654-60, p. 160n.	King Fernandez		China & India	Private ship	
" " pp. 114, 135n.	Amity		"	"	"
L. Bk. II, p. 276	Thomas & William		"	"	"
" "	Virgin		"	"	"

¹ 400 marks or about £10,560 were to be laden on her for the Coast (L. Bk. II, p. 253).

LIST OF SHIPS

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May, 1659, to April, 1660.

Ref. for Exports.	Ship.	Tonnage.	Destination.	Money.	Goods.
L. Bk. II, p. 226	Truroe	270	Guinea & Coast	£ None	£11,501
" " 256	Barbadoes M.	240	" "	"	9,091
" " 278	E. I. Merchant	400	Coast	6,000	7,010
" " 278	Concord	300	Coast & Persia	6,778	8,319
" " 278	Smurna M.	450	Coast & Bay	9,992	12,262
" " 266-67	Blackmore	240	Guinea & Surat ²		8,423
" " 310	Castle Fr.	240	" Bantam ³		7,380
1600-61.					
L. Bk. II, p. 295	Eagle	500	Surat	5,828	12,392
C. Bk. 24, p. 227	Richard & Martha	450	"	6,372	10,713
" " "	American	225	"	3,983	5,308
L. Bk. III, p. 16	Constnt. M.	400	"	19,314	30,027
" " II, p. 325	R. James & Hy.	400	Guinea & Coast	None	10,458
" " " 348	Bowen Frig.	150	" "	"	1,522
" " III, p. 44	Roy. Charles	500	" "	"	15,780
" " " 61	Coronation	400	" "	"	16,567
" " II, p. 364	Discovery	500	Coast	21,367	23,509
" " III, p. 5	Coast Frig.	250	"	23,885	30,290
" " II, p. 317	Restoration	400	Bantam	4,000	5,930
" " " 359	African	240	"	8,000	8,130
" " III, p. 8	Loyal Mert.	450	"	10,000	10,629
" " " 26	London	400	"	4,000	6,780
	Surat Frig.	150	"		Not traced.
1661-62.					
L. Bk. III, p. 85	Marigold	200	Bantam	10,000	10,431
" " " 137	Starling Adv.	200*	"	8,000	8,379
" " " 86	Good Hope	200*	Coast	20,999	25,521
" " " 97	Madras Mert.	250	"	20,416	23,009
" " " 152	George & Martha	300*	Guinea & Coast	None	2,756
" " " 171	American	225	" "	"	34
" " " 117	Richard & Martha	450	Surat	20,235	35,266
" " " 118	Convertine	240	"	8,499	10,753
" " " 118	Rose	150*	"	5,000	5,000
" " " 118	Dunkirk	150*	"	5,000	5,000
1662-63.					
L. Bk. III, p. 185	E. I. Merchant	400	Coast	23,036	28,343
" " " 228	Roy. Katherine	380	"	19,804	24,654
" " " 199	Castle Frig.	240	Guinea & Coast	Not traced.	
" " " 241	Coast Frig.	250	Bantam	8,000	9,431
" " " 210	Constant. Mert.	430	"	10,000	10,760
" " " 255	Loy. Merchant	520	Surat	25,947	41,971
" " " 255	African	240	"	14,436	23,172

¹ £10,000 or £12,000 in gold to be laden on her for the Coast (L. Bk. II, p. 256).

² £10,000 or £12,000 in gold to be laden on her for Surat (L. Bk. II, pp. 266-67).

³ £3,000 in gold to be laden on her for Bantam (L. Bk. II, p. 310).

* The tonnage of ships with asterisks is assumed.

LIST OF SHIPS

1663-64.

Ref. for Exports.	Ship.	Tonnage.	Destination.	Money.	Goods.
L. Bk. III, p. 269	Royal Oak	400*	Bantam	£12,000	£12,736
" "	Richard & M.	400	"	12,000	12,827
" "	American	225	Guinea & African Coast for discovery of trade		
" "	329 Marigold	200	Guinea & Coast	10,514	10,514 ¹
" "	357 Rebecca	200	Coast	Not found	11,008
" "	361 Coronation	400	Bay	"	15,000
" "	389-90 Happy Entrance	240	Coast	13,970	17,262
" "	" Morning Star	200	"	13,951	17,146
" "	" Roy. Charles	550	Surat	18,209	38,381
" "	" London	400	" & Mocha	16,892	32,749

1664-65.

"	430,515	Constan. Mert.	300	Bantam	1,000	1,495
"	"	"	"	Coast	9,384	14,204
"	440-41	Greyhound	280	"	11,001	16,249
"	457	American	225	Hugly	2,745	6,476
"	476	African	240	Surat	None	10,604
"	476	St. George	230	"	"	5,983

1665-66.

L. Bk. III, p. 515	Dorcas	75	Hugly	1,236	2,789
" IV, p. 5	Constant. Mert.	400	Coast	9,384	14,204
" "	Return	370	Surat	6,388	20,615

1666-67.

L. Bk. IV, p. 43	Charles	140	St. Helena & Surat	1,000	3,967
	Eagle	500	Guinea		
	Barbados Mert.	240	"		For bringing back the Co.'s remains there

1667-68.

L. Bk. IV, p. 101	Bantam Pink	120	Surat	2,425	8,181
" "	Return	380	"	13,074	29,102
" "	Constant. Mert.	400	"	12,014	28,551
" "	Rebecca	200	"	5,171	14,643
C. Bk. 25a, p. 42	Roy. Katherine	380	Coast & Bay	13,000	13,000
L. Bk. IV, p. 111	Loy. Merchant	520	" "	17,783	23,850
" "	Blackmore	240	" "	8,245	11,082
" "	Rainbow	380	" "	12,985	17,220
" "	Madras Mert.	250	" "	8,644	8,788
" "	Ucornie	330	" "	11,360	15,258
C. Bk. 25a	Loy. Subject	500	" Bantam	24,783	31,736
L. Bk. IV, pp. 130-31	Richard & M.	400	Bantam	5,000	5,457
" "	Coast Frigate	250	"	3,000	3,079
" "	London	400	"	5,000	6,506

¹ Gold to be laden on her not mentioned; here the whole cargo has been taken to be sent in money to the Coast.

LIST OF SHIPS

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1668-69.					
Ref. for Exports.	Ship.	Tonnage.	Destination.	Money.	Goods.
L. Bk. IV, p. 185	Castle Frig.	240	Coast	£17,475	£19,757
" "	Morning Star	200	"	12,475	14,244
" " 198	Antelope	400	"	24,756	30,110
" " 201	John & Martha	300	"	19,140	22,507
" " 201	Crowne	250	"	14,475	16,752
" " 231	Sampson	340	Surat	8,221	30,395
" " 231	Bone Bay Mert.	300	"	6,956	24,238
" " 231	Humphrey & Elz.	320	"	6,171	21,115
" " 214	John & Margaret	425	Bantam	13,000	13,198
" " 259	London	400	"	9,500	10,603
1669-70.					
L. Bk. IV, p. 293	Return	340	Fort & Bay	26,926	29,224
C. Bk. 25a, p. 57	Rainbow	380	" "	33,500	36,770
	Coast Frig.	280	" "	18,391	21,975
	Zant Frig.	180	" "	15,273	17,283
	Mediterranean M.	240	" "	18,986	19,859
	Happy Entrance	260	" "	20,803	26,529
L. Bk. IV, pp. 320-21	Loyal Subject	450	Surat	10,922	28,896
C. Bk. 25a, p. 69	Hannibal	350	"	8,383	21,092
	Berkley Cast.	500	"	10,009	32,946
	Experiment	260	"	6,485	15,636
L. Bk. IV, p. 343	Loy. Merchant	550	Bantam	11,000	11,587
	Anne	450	"	8,000	9,072
	Constant. Mert	300	"	6,000	6,471
	Rebecca	250	"	5,000	5,000
1670-71.					
L. Bk. IV, p. 359	Greyhound	270	Bantam	10,000	10,143
	Ann	300	"	12,510	12,510
" " 412	Advance	220	"	2,000	5,343
" " 416-17	Jn. & Margaret	425	"	7,075	7,394
	Satisfaction	400	"	6,075	6,108
	Jn. & Martha	300	"	5,050	6,293
	Unity	300	"	-5,050	6,272
C. Bk. 25a	Crowne	230	"	{ Not given }	5,650
	Flying Eagle	120	"		475
	Unicorne	360	"		3,766
L. Bk. IV, pp. 389-90	Sampson	300	Coast & Bay	27,821	33,480
	E. I. Merchant	360	" "	27,780	31,647
	Humphrey & Elz.	340	" "	24,176	28,381
	European Mert.	380	" "	26,804	30,726
	Bombay Mert.	370	" "	25,469	32,741
" " 431-32	London	400	Surat	3,362	19,122
C. Bk. 25a, p. 78	Phoenix	380	"	4,425	19,054
	Massingbird	470	"	9,146	28,376
	Falcon	360	"	5,971	18,836
	Antelope	400	"	4,946	19,355

LIST OF SHIPS

1671-72.

Ref. for Exports.	Ship.	Tonnage.	Destination.	Money.	Goods.
L. Bk. IV, pp. 452, 475, 515	Anne	450	Bantam	£10,000	£10,190
	Return	340	"	—	13,928
C. Bk. 25a, pp. 90-91	Experiment	260	"	—	11,187
	Zant Frig.	180	"	—	2,017
	Mary	330	"	5,000	5,887
	Barnardistan	340	"	5,000	6,891
	Expectation	400	"	5,000	5,010
	Haniball	350	"	5,000	6,875
	Surat Mert.	350	"	5,000	5,065
L. Bk. IV, pp. 497-98	Berkley Cast.	500	Coast & Bay	34,247	41,873
	Johanna	500	" "	33,044	40,002
	Loy. Subject	450	" "	31,080	36,895
	Ann	300	" "	16,294	10,401
	Rebecca	250	" "	19,608	23,444
L. Bk. IV, pp. 530-31	Gold. Fleece	500	Surat	8,195	26,251
	Loy. Merchant	550	"	10,000	28,822
	Rainbow	380	"	7,000	18,258
	Mediterran. M.	240	"	3,414	11,695

1672-73.

L. Bk. V, 22, 30	London	400	No mention	Not given	18,026
C. Bk. 25a, p. 113	President	500			23,201
	Sampson	380			16,949
	Cæsar	500			20,225
	Ann	450			19,567
	Bombay M.	370			16,342
	Massingbird	430			19,814
	E. I. Merchant	400			17,159
	Unity	320			15,127
	Antelope	380			16,202

1673-74.

L. Bk. V, pp. 93-94, 114-15, 118	Advice	100	Bay		211
	Loy. Merchant	580	Coast & Bay	27,977	31,533
	Phoenix	400	" "	24,777	27,557
	Lancaster	450	" "	24,764	27,978
	Falcon	370	Surat	10,662	18,228
	Gold. Fleece	500	"	16,858	32,300
	Mary	320	"	13,970	23,417
	Rainbow	360	"	14,873	26,212
	Eagle	500	Bantam	10,000	10,914
	Jonah	500	"	8,000	88,000
	Surat M.	300	"	8,000	8,150
	Berkley Cast.	500	"	8,000	6,000
	Expectation	380	Fort	12,038	13,239

LIST OF SHIPS

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		1674-75.			
Ref. for Exports.	Ship.	Tonnage.	Destination.	Money.	Goods.
L. Bk. V, pp. 140, 144-45, 162, 173-74	Barnardistan	340	Bantam	Not given	£18,460
1675-76.					
C. Bk. 25a, p. 139	London	400	"	£4,000	4,858
	Cæsar	500	"	15,000	16,833
	Unicorn	360	"	8,500	8,500
	Ann	440	Fort	26,173	30,199
	Success	460	"	39,340	43,876
	Loy. Subject	470	"	32,060	37,027
	Bombay M.	370	"	28,974	31,871
	Unity	320	"	29,309	32,374
	Sampson	350	"	24,859	27,359
	Ann	360	Surat	17,299	35,642
	New London	540	"	26,370	47,313
	Massingbird	480	"	21,273	42,823
	E. I. Merchant	370	"	15,471	30,352
	Unicorn	360	"	18,889	33,061
1675-76.					
L. Bk. V, pp. 218-19, 250	Eagle	525	Fort	48,506	56,453
	Johanna	515	"	48,959	57,137
C. Bk. 25a, p. 140	Falcon	380	"	34,713	41,586
	Surat Mert.	390	"	42,733	42,733
	Mary	330	Fort & Bantam	37,454	37,454
	Lancaster	470	Bantam	10,000	11,781
	Phoenix	450	"	9,000	9,876
	Loy. Merchant	580	"	11,000	11,909
	Expectation	470	"	8,993	10,084
	Formosa	200	"	Not	8,104
	President	520	"	given	8,141
L. Bk. V, pp. 266-88	Berkley Cast.	490	Surat	12,124	37,582
	Nathaniel	550	"	14,726	40,664
	Society	550	"	13,508	37,644
	Perua Mert.	360	"	7,739	17,606
	Scipio Afric.	390	"	8,339	20,037
1676-77.					
L. Bk. V, pp. 376-77, 390, 401, 413-15	Cæsar	500	Fort & Bay	48,019	58,354
	New London	540	" "	48,091	57,878
	Bengala M.	500	" "	51,426	60,451
	Success	460	Surat	10,084	34,655
	George	500	"	9,881	39,750
	Ann	449	Bantam	8,000	8,381
	E. I. Merchant	370	"	6,000	6,245
	Bombay M.	370	"	7,790	22,536
C. Bk. 25a, p. 155	Loy. Subject	470	"		
	Barnardistan	380	"		Not given
	Unity	320	"		
	Gold. Fleece	500	"		
1677-78.					
L. Bk. V, pp. 509-10, 536-37, 559	Falcon	380	Fort & Bay	25,706	40,646
	Williamson	600	" "	59,253	63,575
	Society	570	" "	55,886	61,072

LIST OF SHIPS

Ref. for Exports.	Ship.	Tonnage.	Destination.	Money.	Gold.
	Nathaniel	570	Fort & Bay	£57,320	£61,445
	Sampson	600	Surat	28,748	50,653
	President	560	"	26,123	44,143
	Unicorn	320	"	16,004	30,688
	Eagle	600	Bantam	5,000	6,241
	Johanna	600	"	5,000	5,309
C. Bk. 25a	Phoenix	450	"		
	Expectation	450	"		
	Lancaster	500	"		Not given
	Berk. Castle	540	"		
1678-79.					
L. Bk. VI, pp. 4, 22-23, 58-59, 80	Loy. Subject	550	Bantam	25,000	33,571
	Cæsar	600	"	12,014	14,609
	Success	525	Fort	63,237	63,611
	Gold. Fleece	580	"	69,696	69,989
	George	520	"	69,237	69,799
	Bengal Mert.	525	Surat	40,748	52,851
	Ann	430	"	20,657	30,423
	New London	530	"	40,204	52,873
1679-80.					
L. Bk. VI, pp. 110, 125, 138-39 128, 163, 194	Sampson	600	Fort & Bay	61,960	72,622
	Berk. Castle	630	" "	54,670	62,287
	President	550	" "	57,818	65,257
	Eagle	500	Fort	61,395	68,602
	Williamson	590	Surat	36,530	45,940
	Johanna	500	"	33,785	40,609
	Lancaster	470	"	29,315	36,462
	Falcon	380	Bantam	25,000	37,689
	Nathaniel	600	"	16,000	16,723
	Society	600	"	15,000	15,020
1680-81.					
L. Bk. VI, pp. 224, 261-62, 277, 305-6	Barnardistan	350	Bantam-Amoy	27,000	42,997
	New London	530	Bantam	9,000	14,225
	Persia Mert.	360	"	6,000	10,987
C. Bk. 32, p. 82	Bengal Mert.	570	Fort	78,257	81,556
	Gold. Fleece	500	"	73,123	75,210
	Cæsar	600	"	70,488	72,880
	Ann	440	Bengal	61,483	63,991
	George	580	"	76,346	79,505
	Success	500	Surat	39,811	49,862
	Josiah	570	"	48,437	57,942
	Massingbird	430	"	38,253	47,533
1681-82.					
L. Bk. VI, p 309 ,, 363-64, 372	Scipio Afr.	430	China & Fort	12,000	15,721
	Amoy Mert.	310	" "	20,000	26,079
	China Mert.	170	Bantam	None	335
	Oaklander	150	"	4,000	7,857
	Kent	130	"	4,000	7,428

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Ref. for Exports.	Ship.	Tonnage.	Destination.	Money.	Goods
L. Bk. VI., pp. 390, 392	Tonqueen M.	130	Bantam		
„ 485, 489, 506	E. I. Mert.	370	„		
„ 501	Surat Mert.	390	„		
„ 467	Sampson	600	Surat		
„ 439	Falcon	400	„		
„ 513	Persia M.	360	„	£17,501	£24,855
	President	560	„	26,147	32,213
	Barnardstan	380	„		
	Loy. Eagle	250	„	29,251	46,117
	Berk. Castle	650	„	10,110	12,252
„ 429-30	Defence	650	Bay	87,985	100,920
	Resolution	650	„	109,038	118,519
„ 403	Lancaster	550	„		
„ 408	Johanna	600	Coast		
„ 439	Welfare	250	„		
„ 447	Nathaniel	600	„		
„ 451, 453	Williamson	600	„		
„ 389-90	Dragon	180	Persia		
„ 472, 476	Crown		Permissionship		
	Wilham & Jn.				

1682-83.

Reference.	Ship.	Tonnage.	Destination.
L. Bk. VI., p. 530	Charles	370	Surat
„ VII., pp. 75-81 ;	Laurell	250	Surat & Mocha
C. Bk. 33, p. 30 ;	Prudent Mary	350	Bay
Marine J., No. 78	Rainbow	250	Mocha-Surat
	Caroline	315	China
	Smyrna M.	190	„
L. Bk. VII., pp. 7, 12	Kemphorn	640	Bantam
„ VI., p. 536	Society	600	Bay
C. Bk. 33, pp. 25, 30, 71, 88, 127; L. Bk. VII., pp. 99, 102	New London	550	Coast
L. Bk. VII., pp. 104, 126, 128	Herbert	650	Bay
	Josiah	570	Coast
	Gold. Fleece	560	Bay
	George	570	„
C. Bk. 33, pp. 69, 74 ;	Mexico M.	200	Siam
L. Bk. VII., p. 124			
C. Bk. 33, p. 69 ;	Wm. & Herbert	240	China
L. Bk. VII., p. 119	Delight	100	„
C. Bk. 33, pp. 88, 90 ;	Hare	500	Bay
L. Bk. VII., p. 109	Hy. & William	500	„
C. Bk. 33, p. 9	Maryland	300	not confirmed by L. Bk.

1683-84.

C. Bk. 33, pp. 137, 154	Massingbird	450	Surat & Persia
„ „ 137	Success	480	Surat
„ „ 159	Anne	460	„
„ „ 137	Scipio Afr.	430	„
„ „ 149	Coast Frig.	250	„
„ „ 189	Bengal M.	570	„
„ „ 164	Cæsar	530	„
„ „ 164, 186, 189	Rochester	775	„

LIST OF SHIPS

Reference.	Ship.	Tonnage.	Destination.
	E. I. Merchant	370	Surat
C. Bk. 33, pp. 135, 164, 186	Beaufort	775	"
" " 211, 223, 233	Asia	600	(Assumed) Surat and Maldives
" " p. 211	Sampson	600	Surat
L. Bk. VII, p. 287	Nathaniel	600	"
	Falcon	370	"
" " 287	Barnardistan	350	"
" " 320	Williamson	590	"
" " pp. 142, 164, 186	Society	600	"
" " p. 294	Bengal Sloop	150 ¹	Bombay
" " pp. 139, 145, 178	Charles II	370	Bantam
" " p. 164	China Mert.	170	"
" " 164	Roy. James	650	Coast & Bay
" " pp. 155, 211	Resolution	650	" "
" " 211, 225, 253	Eagle	600	" "
" " 211, 225	Defence	650	Bay
" " 164, 186	Amoy Mert.	310	Coast
" " p. 273	Jn. & Mary	300 ¹	Coast & Bay
C. Bk. 33, p. 223	Syam Mert.	200 ¹	Bay
" " p. 211 ; L. Bk. VII, p. 321	Tonqueen Mert.	130	Madagascar, Bay and Persia
	1684-85.		
Marine Misc., IV	Mary	150	Fort
C. Bk. 34, p. 20	Kemphorn	640	Fort & Bay
	Chandora	660	" "
	Persia Mert.	370	Bay
" " pp. 20, 59	George	570	"
" " p. 83	Josiah	620	"
" " 20	Shrewsbury	360	"
" " 35	Prudent Mary	350	Surat
" " pp. 59, 62	Welfare	250	" Private ship
Marine Misc., IV	Loy. Adventure	220	"
C. Bk. 34, p. 59	Kent	130	"
" " "	Scipio Afr.	430	"
" " pp. 80-81	Charles	370	Borneo
" " p. 36	Dragon	180	Tonqueen
	1685-86.		
L. Bk. VIII, pp. 60-61, 98, 136	New London	510	Surat Cf. His Majesty's
	Worcester	220	" Commission to 19
Marine Misc., IV	Modena	775	" ships for war with
	Charles II	775	" the Mogul
	Emerald	103	"
" " p. 71	Nathaniel	550	Coast & Bay
	Nathaniel Frig.	100	" "
	Success	480	" "
	Rochester	775	" "
" " p. 71	Rochester Frig.	100	" "
	Beaufort	775	" "
" " p. 71	Beaufort Frig.	100	" "
" " pp. 92-93	Curtana	140	" "
" " "	Rebecca	170	" "
" " "	Sapphire	320	" "

¹ Tonnage is assumed.

LIST OF SHIPS

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Reference.	Ship.	Tonnage.	Destination.
Marine Misc., IV, pp. 92-3	Pearl	80	Coast & Bay
	Loy. Captain	150	Priaman & Bay
	Rose	120	" "
" " p. 19	Roy. James	650	" "
	Diamond	80	Priaman
	Ruby	80	"
" " p. 30	Pryaman	150	"
	Herbert	750	Tonqueen
	Rainbow	250	"
1686-87.			
Marine Misc., IV	Bengal Mert.	570	Coast & Bay
L. Bk. VIII, p. 232	Williamson	590	" "
" " 238	Resolution	650	" "
" " 276	Bowden	150	Surat
" " 232	Cesar	500	"
" " 263	Jonas Frig.	80	"
	Berk. Castle	650	Priaman
	Carolina	200 ¹	"
	Orange	350	"
	Welfare	260	"
L. Bk. VIII, p. 266	Welcome		Private ship
	Andalusia		" "
" " 302	Blessing		" "
	Beare		" "
1687-88.			
L. Bk. VIII, p. 319	Roy. James & Mary	670	Bombay
" " pp. 393, 408	John & Mary	200	Surat
" " p. 522	Shrewsbury	360	Bombay
	Josia	620	" (Josia's former name was Society)
" " 448	Princess of Denmark	670	Coast & Bay
" " 490	Defence	730	"
C. Bk. 35, p. 34	James	300	" Private.
L. Bk. VIII, p. 512	Anne	120	" £36,000 in
Marine Misc., IV	Dorothy	225	" money
L. Bk. VIII, p. 346	Loy. Mert.	450	Priaman
" " 475	Mary	150	Bencoolen Privateship
" " 516	Persia Mert.	370	" " "
" " 452	Rainbow	250	Tonqueen
" " 351	Little James	80	China
1688-89.			
L. Bk. VIII, p. 544	Diana	170	Bombay
Marine Misc., IV	Kempthorn	640	"
	Chandois	660	Fort
C. Bk. 35, pp. 248, 296	Rochester	775	"
" " p. 140	Crown		Permission ship
" " p. 140	Endeavour		" "

¹ Tonnage is assumed.

LIST OF SHIPS

Reference.	Ship.	Tonnage.	Destination.
1689-90. ¹			
Marine Misc., IV	Benjamin	468	St. Helena & Bombay
" "	Herbert	750	Bombay
C. Bk. 35, pp. 228, 244	Loy. Mert.	450	Permission ship
1690-91.			
Marine Misc., IV	Wm. & Mary	170	Bombay
" "	Orange Tree	350	Bencoolen
L. Bk. IX, p. 117	King William	800	Bombay
C. Bk. 36, pp. 33, 39, 225	Dorothy	225	Fort
L. Bk. IX, p. 127	Tonqueen M.	130	Bencoolen
" " 142	Defence	650	China
C. Bk. 36, p. 16	James	300	Permitted ship
1691-92.			
Ships mentioned below in italics were captured by the French during 1693 to 1695. Five ships more were lost up to May, 1698.			
England's Almanack	Little Josiah	200 ^a	
C. Bk. 36, p. 188	Samuel	200 ^a	
" " 69	Charles II	780	Bay
" " 69	Samson	600	
" " 69	<i>Berk. Castle</i>	650	Surat
" " 69	<i>Modena</i>	800	"
" " 88	Elizabeth	280	
1692-1693.			
C. Bk. 36, pp. 69, 178	Resolution	670	Fort
England's Almanack	America M.	240	
C. Bk. 37, p. 10	<i>Prince Ann</i>	670	
" "	Roy. James & M.	670	
" "	Hawk	400	
" "	Defence	750	Surat
1693-94.			
England's Almanack	<i>Seymore</i>	200	} Private ship, Co.'s share in it
" "	<i>Henry</i>	350	
C. Bk. 37, p. 10	<i>Success</i>	400	Coast & Bay
" " 36, pp. 180, 196,	Mary	420	Persia & Bengal
211, 213, 218, 220, 228,	Naassau	520	Persia & Surat
232	Dorothy	200	Amoy-England
L. Bk. IX, p. 342	London Frig.	350	Coast
" "	Thomas	400	Surat
" "	Amity	120	St. Helena & Bencoolen
" "	Martha	700	Coast & Bay
1694-95.			
L. Bk. IX, p. 372	Mocha Frig.	150	Mocha & Surat
C. Bk. 37, pp. 108-9	<i>Sarah</i>	340	(assumed)
L. Bk. IX, p. 342	Benjamin	470	Surat
C. Bk. 36, p. 296	Tonqueen M.	280	"
" " 37, p. 10	Fleet Frig.	280	Bengal
" "	America M.	240	Surat
" " 36, p. 264	King William	720	Fort
" " 258	<i>Russel Frig.</i>	350	"

¹ The returns of ships for the years 1689 to 1700 detailed here differ from those of the Rawlinson MS. A 302 of the Bodleian Lib. I have given the sources of my figures, and hence the list of that MS. must be incomplete.

^a Tonnage is assumed.

LIST OF SHIPS

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1695-96.			
Reference.	Ship.	Tonnage.	Destination.
C. Bk. 37, p. 33	<i>Defence</i>	650	
" " "	<i>Hawke</i>	400	
" 36, p. 298	<i>Jn. & Express</i>	200 ¹	
England's Almanack	Dorill	300	Surat
C. Bk. 37, p. 33	Chambers Frig.	350	Coast & Bay
	Charles II	780	Gombroon and Surat
	Sceptre	360	Surat & Bombay
	Antelope	470	
	Maynard	200 ¹	
	Sampson	600	Coast & Bay

The names of ships in italics in the years 1694-5 and 1695-6 have been added by me to the list given in the England's Almanack. The *Edward* of 500 tons ought to be included, as it returned from India in June, 1695 (C. Bk. 37, p. 10.)

1696-97.			
England's Almanack	Sedgwick	100	Fort
	E.I. Mert.	450	Surat & Bombay
	Madras	250	Bay
	Sidney	500	"
	Amity	120	China
1697-98.			
England's Almanack	Tavistock	750	Fort-China
	Dorothy	225	Surat & Bencoolen
	Bedford	750	Surat
	Nassau	400	China
	Trumball	250	"
	Duke of Glou.	400 ¹	"
	London Frig.	350	
	Sarah Gal.	340	
	Martha	625	Coast & Bay
	Anna	350	Bay
	Fame	420	Coast & Bay
	Eagle	240	China Private ship
	Thorndon	500	Coast & Bay
	Wm. & Richmond	220	Borneo Private ship
	Thomas	380	Surat & Bay
	Mary	400	Surat Private ship
	Mary	350	Bombay
	Russel Frig.	330	Bombay
	Shrewsbury	180	Surat Private ship

1698-99.				
Ref. for Exports.	Ship.	Tons.	Destination.	Cargoes.
Aug.	Buckhurst (p)	300	Muscat	Not found
Sept., L. Bk. X, p 138	Northumberland(o) ²	250	Bombay	£32,799 18 6
Nov.	Fleet Frigate (o)	280	China	37,554 3 7
" "	Benjamin (o)	450	Fort	50,856 13 11
" "	Josiah (o)	400	Bay	61,912 18 0
Dec.	Sidney (o)	500	"	91,398 11 9

¹ Tonnage is assumed.

² The figures of exports are somewhat different for the Old Co.'s ships in L. Bk. X, pp. 411-12.

LIST OF SHIPS

Ref. for Exports.	Ship.	Tons.	Destination.	Cargoes.
Dec., L. Bk. X., p. 138	Gracedew (o)	300	Bay	£34,385 11 5
Jan. " " "	Neptune (o)	275	Fort	29,944 14 5
" " XI, p. 36	London (n)	400	Coast & Bay	64,691 2 9
" " X, p. 138	Armenian Mert. (o)	220	St. Helena	7,925 12 4
" " XI, p. 36	Antelope (n)	468	Bay	62,931 8 11
Feb. " X, p. 138	E.I. Mert. (o)	450	"	36,299 16 5
" " " "	Sceptre (o)	300	Fort	32,869 4 0
" " XI, p. 36	Degraves (n)	520	Coast & Bay	49,981 9 8
" " " "	Macclesfield (n)	280	China	Not stated
" " X, p. 138	Bedford (o)	750	Surat	82,764 7 8
" " " "	Hampshire (o)	400	"	41,697 18 8
" " XI, p. 47	Montague (n)	410	"	47,771 1 0
" " X, p. 173	Ruby (o)	450	Persia & Bombay	40,653 7 1
" " XI, p. 57	Julian (n)	260	Borneo	8,703 13 10
1699-1700.				
L. Bk. XI, p. 61	Norris (n)	520	Surat	39,615 13 1
" " X, p. 173	Frederick (o)	350	"	42,351 6 5
" " 226	Loyal Mert. (o)	400	Bombay	40,000 0 0
" " XI, p. 76	Rook Frig. (n)	250	Surat	39,136 0 0
" " 99	Trumball (n)	300	Borneo & China	13,074 0 0
Cf. L. Bk. X, p. 311	Herne (p)	200	India	—
	Gosfright (p)	300	China	—
	Dorrell (o)	240	Fort & China	38,126 0 0
	Wentworth (o)	350	" "	38,080 0 0
	K. William (o)	600	Fort	71,350 0 0
C. Bk. 38, p. 99	Chamber Frig. (o)	350	Bay	51,655 0 0
L. Bk. X, p. 311	Madras (o)	250	Bombay	6,300 0 0
	Howland (o)	400	Fort	45,677 0 0
	Fame (o)	420	Bay	69,377 0 0
" " 279	Colchester (o)	400	Fort & Bay	68,885 0 0
" " 279	Anna (o)	350	Bay	32,994 0 0
" " 312	Tavistock (o)	750	Surat	73,713 0 0
" " XI, p. 115	Eaton (n)	340	China	3,500 0 0
	Tuacan Gal. (n)	220	Coast & Bay	—
" " 135	Tankerville (n)	430	" "	66,950 0 0
" " 146	Sommers (n)	480	" "	35,565 0 0
" " 147	Panther (n)	350	Borneo	4,415 0 0
" " 157	Liampo (n)	160	Japan	3,786 0 0
" " 172	Canterbury (n)	350	Fort	24,898 0 0
" " 184	Albemarle (n)	350	Surat	34,177 0 0
1700-1701.				
<i>Old Company's Ships.</i>				
L. Bk. X, p. 312	Martha	550	Surat	£61,754
C. Bk. 38, pp. 191, 205	Nathaniel	250	"	15,000 ¹
" " 125, 135	Advice Frig.	130	Fort	10,000 ¹
" " 186, 188	Phoenix	400	"	50,000 ¹
L. Bk. X, p. 424	Dashwood	320	Coast & Bay	40,000

"p" denotes Private ships. "o" denotes Old Co.'s ships. "n" denotes New Co.'s ships. The figures of exports are somewhat different for the Old Co.'s ships in L. Bk. X, pp. 411-12.

¹ Money.

LIST OF SHIPS

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Ref. for Exports.	Ship.	Tons.	Destination.	Cargoes.
C. Bk. 38, pp. 165, 173	Bedford	750	Bay	£100,000
" " "	Sidney	475	China & Coast	90,000
" " "	Northumberland	250	" "	35,000
" " "	Hampshire	375	" "	60,000
" " p. 196	Loyal Cooke	330	" "	42,313
" " pp. 183, 188	Dutchess	450	" "	60,000
" " "	Josiah	500	China & Bay	90,000

New Company's Ships.

L. Bk. XI, p. 202	Borneo ¹	600	Borneo	3,374
" " 211	Rising Eagle		Bay	40,000 ^a
" " 233	Seaford	240	China	31,203
" " 228	Discovery	500	Mocha	6,367
" " 246	Sarah Gal.	275	China	50,611
" " 246	China Mert.	170	"	20,923
" " 233	Rising Sun	140	"	15,673
" " 260	Streatham	350	Coast & Bay	84,161
" " 253	Neptune	260	China	36,485
" " 275	Bengal Mert.	390	Coast	80,965
" " 278	Degrave	300	Coast & Bay	66,709
" " 291	Katherine	495	Bay	12,000
" " 285	Sussanna	350	Surat	33,583

1701-1702.

Old Company's Ships.

C. Bk. 38, pp. 220-21	Herne	150	Bombay	Not given
" " 202	Loyal Bliss	350	Surat	"
" " 220, 225	Armenian Mert.	200	Bencoolen	5,000 ^a
" " 233, 241	Aurangzeb	450	China & Surat	—
" " "	Chamber Frig.	350	China & Fort	—
" " 347, 352	Fleet Frig.	270	China & Surat	30,000 ^a
" " 285, 348	Colchester	450	Fort	50,000
" " "	Wentworth	350	Bay	60,000

New Company's Ships.

L. Bk. XI, p. 293	Rebou	150	Surat	13,947
" " 297	Upton Gal.	180	Bay	29,551
" " 373	Tankerville	600	"	96,961
" " 393	Norris	600	Bay & Coast	110,200
" " 329	Arabia Mert.	300 ¹	Mocha	6,491
" " 388	Leghorn Frig.	170	Borneo	No stock
" " 384	Panther	350	"	16,397
" " 399	Edward & Dudley	300	"	4,982
" " 401	Herne Frig.	200	"	4,939
" " 317	Macclesfield Frig.	310	China	4,366.
" " 342	Halfax	350	"	40,889
" " 358	Macclesfield Gal.	250	"	35,936
" " 335	Canterbury	333	"	34,423
" " 353	Robert & Nathaniel	230	"	35,640
" " 353	Union	140	"	29,743

¹ Tonnage is assumed.^a Money.

LIST OF SHIPS

1702-1703.

New Company's Ships.

Ref. for Exports.	Ship.	Tons.	Destination.	Cargoes.
L. Bk. XI, p. 415	Katherine	495	Surat	£41,190
" " 417	Mary	468	"	35,208
" " 407	Samuel & Anna	300	Borneo	2,500

United Company's Ships.

C. Bk. 38, p. 323	Howland	400	Surat	60,000
" " pp. 369, 418	Regard	230	"	10,000
L. Bk. XII, p. 112	Mary	300	Borneo	4,184
" " 119	Seaford	240	"	3,129
" " 89	Queen	320	} Bencoolen	16,016
" " 89	Anna	350		
Marine, 765A	Rapier	—	"	"
C. Bk. 39, p. 12	Gloucester Frig.	350	"	6,000
L. Bk. XII, p. 6	Northumberland	250	China & Bay	16,345
" " 16	Sidney	400	China & Fort	20,195
" " 25	Montague	400	China & Surat	16,504
" " 36	Streatham	350	China & Mocha	10,097
" " 49	Dutchess	450	} Bay	30,000
Marine, 593A	Tavistock	750		

1703-1704.

L. Bk. XII, p. 128	Josiah	500	Surat	40,103
" " 154	Abingdon	400	"	30,966 ¹
" " 258	Westmoreland	340	"	46,507
" " 227	Martha	550	Coast & Bay	73,768
" " 237	Scipio	350	" "	61,548
" " 222	Neptune	275	" "	47,139
" " 202	Eaton Frig.	350	China & Surat	29,797
" " 184	Loyal Cooke	330	China & Fort	30,061
" " 193	Herne	350	China & Bay	30,043
" " 247	Featherstone	180	} St. Helena &	4,175
" " 271-73	Cæsar	380		
" " 267	Loyal Mert.	420	Bencoolen	11,842
" " 279	Dover	180	"	5,447
" " 213	Donegal	240	Mocha	11,935
" " 166	Kent	350	China	41,449

1704-1705.

L. Bk. XII, p. 456	Hampshire	370	Surat & Bencoolen	406 ²
" " 415	Frederick	350	Surat	15,932 ²
" XIII, p. 347	Europe	300	Surat & Persia	25,938
" XII, p. 397	Wentworth	350	Bengal	39,573
" " 449	Loy. Hester	350	Bengal & Bencoolen	38,169
" " 387	Somers	480	Fort & Bencoolen	60,727

¹ L. Bk. XIII, p. 347, states the sum to be £39,989.² L. Bk. XIII, p. 347, mentions £57,658 on these two ships

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Ref. for Exports.	Ship.	Tons.	Destination.	Cargoes.
L. Bk. XII, p. 286	Arabia Mert.	150	Mocha	£3,093
" " 357	Catherine	200	Borneo	5,886
" " 328	Loyal Bliss	350	China & England	36,597
" " 300	Todington	350	Batavia & China	11,815
" " 439	Phoenix	350	Persia & Ben- coolen	26,476
" " 311	Panther	350	Borneo	10,116
" " 314	Nathaniel	250	Bencoolen	2,566
" " 357	Jane Frig.	240	Banjar	4,026
" " 357	Blenheim	280	"	10,097
1705-1706.				
L. Bk. XII, p. 557	Indian Frig.	100 ¹	Bombay	149
" " 544	Aurangzeb	450	"	47,215
" " 507	Tankerville	425	Fort	80,819
" " 535	Halifax	350	Bay	55,021
" " 481	Liampo	130	Mocha	8,392
" " 468	Oley Frig.	180	China	28,126
" " 576	Carlton Frig.	275	Borneo	10,855
" " 554	Little London	130	Private ship	3,000
" " 554	Greater London	620	" "	4,000
1706-1707.				
L. Bk. XII, p. 601	Edward & Dudley	300	Bencoolen	8,941
" XIII, pp. 48, 54	Rochester	350	" & Helena	13,158
" " p. 11	Stringer Gal.	220	China & England	23,781
" " 118	Northumberland	250	Borneo	6,926
" " 94	Bombay Frig.	300	Mocha & Bom- bay	9,119
" " 22	Kent	350	China & Fort	45,680
" " 109	St. George	420	Bay & Fort	73,256
" " 74	Howland	400	" "	73,323
" " 70	Dutchess	430	" "	73,909
1707-1708.				
L. Bk. XIII, p. 250	Streatham	350	Fort	55,068
" " 251	Latchfield	420	"	62,499
" " 244	Somers	480	"	73,193
" " 337	Despatch	110	" Advice vessel	
" " 284	Herne	350	Bay	55,645
" " 284	Montague	400	"	59,804
" " 369	Tavistock	650	Bombay	62,689
" " 370	Abingdon	400	"	32,435
" " 371	Wentworth	350	"	8,490
" " 373	Westmoreland	320	"	12,155
" " 136	Scipio	350	Borneo	11,210
" " 159	Anna	350	"	12,644
" " 185	Donegall	240	China & Mocha	13,610
" " 203	Toddington	230	China & England	36,290
" " 287	Recovery	330	Banjar	11,266
" " 372	Fleet Frig.	320	"	9,083
" " 171	Herbert Gal.	210	Mocha	10,951

¹ Tonnage is assumed.

The List of the Company's ships which returned home from the Indies as far as the same could be traced from the Records:—

Year.

- 1601 All the ships despatched during these years by the Adventurers of to the Separate Voyages, with the exception of the Susan, Ascension, 1614. Union and the Trade's Increase, safely returned home.
1615. Hope.
1616. Gift, Lion.
1617. Dragon, Peppercorn, Expedition, Clove, Globe.
1618. Charles, Hope.
1619. Little James, Bull, Anne.
1620. Rose, Lioness, Francis, Supply. (C. Bk. 4, p. 507.)
1621. Royal James, Unicorn. (C. Bk. 5, pp. 94, 97.)
1622. Hart, Roebuck, Charles, Eagle, Star, Palsgrave. (C. Bk. 5, pp. 447, 464.)
1623. Lesser James, London, Jonas, Lion. (C. Bk. 6, pp. 1, 22, 93.)
1624. Elizabeth, Dolphin, Exchange. (C. Bk. 7, pp. 42, 85.)
1625. William, Blessing, Ruby, Discovery, Moon. (C. Bk. 7, p. 117.)
1626. Charles, Hart, James Royal, Jonas, Mary, Star, Scout.
1627. Expedition, London, Reformation.
1628. Discovery, Dolphin, Eagle, Morris, Christopher, Palsgrave, William.
1629. Blessing, Exchange, Expedition, Hopewell, Hart, Jonas, Mary, Speedwell, Star.
1630. London.
1631. Charles, Discovery, Jonas, Reformation, Swallow.
1632. London, Palsgrave.
1633. Blessing, Hopewell, James, Jewell, Star, William.
1634. Dolphin, Exchange, Mary.
1635. Jonah, Hart, Swan.
1636. Palsgrave, Reformation, Discovery.
1637. London, William, Jewell.
1638. None.
1639. Swan, Advice, Mary.
1640. Discovery, London, William, Reformation.
1641. Cæsar, Crispian, Jonas, Swan, Hopewell.
1642. Mary, William, London.
1643. Crispian, Aleppo M., Reformation, Ulysses, Blessing.
1644. Mary.
1645. Crispian, Dolphin, William, Blessing.
1646. Eagle, Mary.
1647. William, Ulysses, Dolphin, Endymion.
1648. Mary, Eagle, Greyhound, Antelope.
1649. Golden Fleece, Aleppo M., William, Dolphin, Bonito, Advice, Supply.
1650. Endymion, Blessing, Eagle, Ruth, Greyhound, Farewell, Anne.
1651. Love, William, G. Fleece, Lioness, E.I. Merchant.

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1652. Eagle, Aleppo M., Anne, Welcome.
1653. Smyrna Merchant, E.I. Merchant, Love.
1654. None.
1655. Welcome, Katherine, Eagle.
1656. E.I. Merchant, Constant. Mert., Merchant's Adventure.
1657. Three Brothers, Endymion, Mayflower, Eagle.
1658. Constantinople Merchant from Surat; Katherine and Jonathan from the Coast; Coast Frigate, Greyhound, Vine, Peter and Jane from the Coast; Merchant Adventure, Reformation, Two Sisters, William and John, Little Eagle from Surat; and King Fernandez, Dove and Friendship were on their way home. (L. Bk. II, pp. 143, 184; Eng. Fac., pp. 139, 173.)
1659. Blackmore, Eagle, Smyrna Merchant. (L. Bk. II, p. 235.)

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 Achin, trade with India, 24; Dutch factory, 57 n.; shipping, 290 n.
 Adama, William, on Japan trade, 37 n.
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