

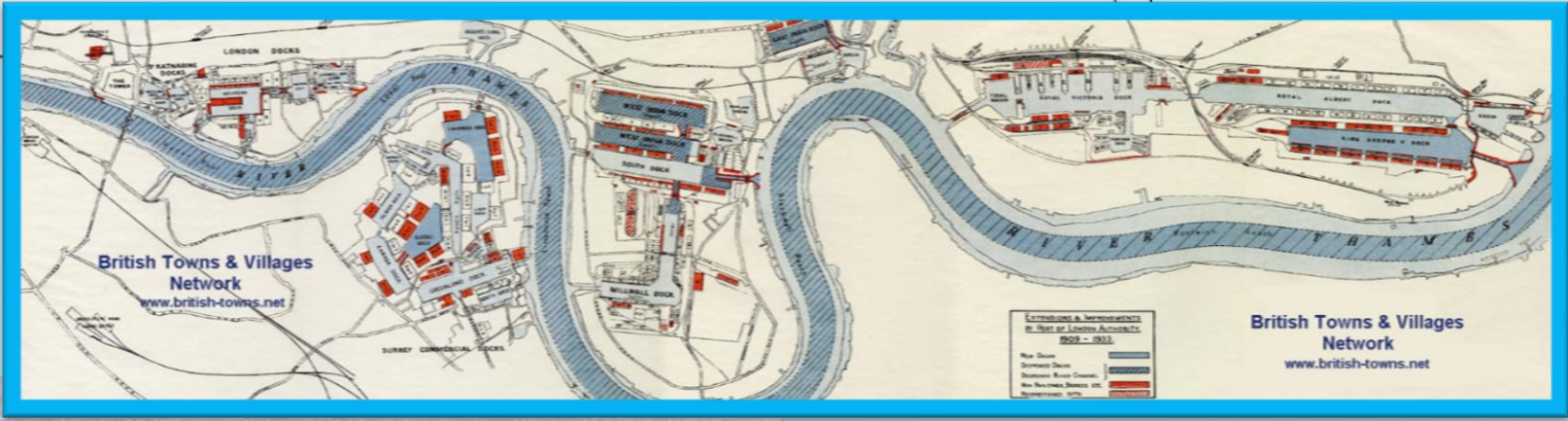
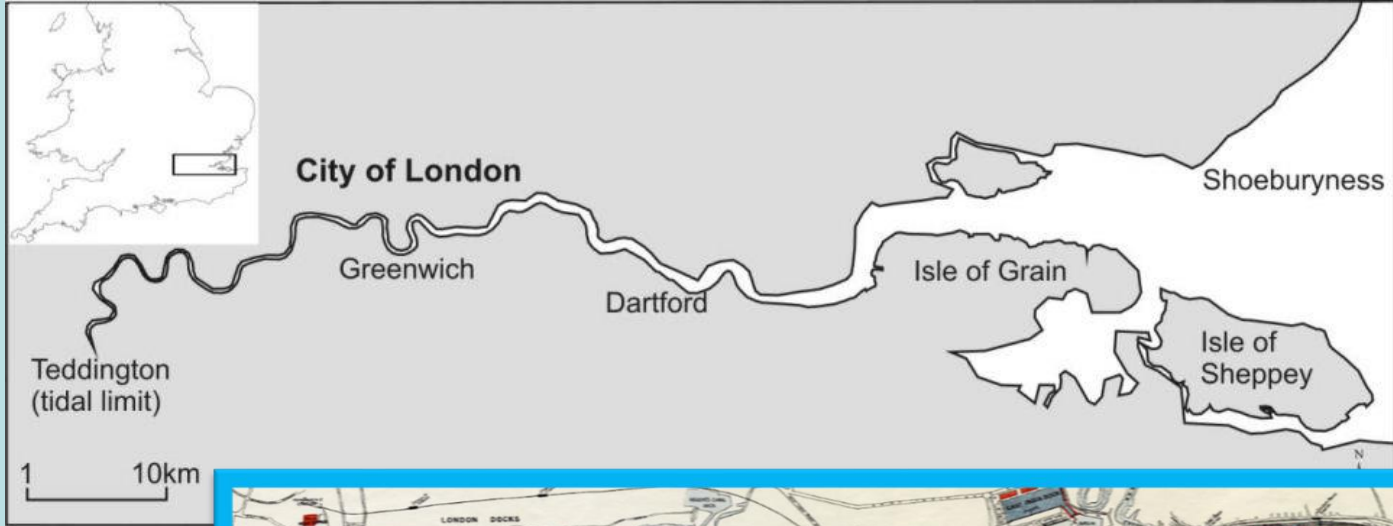


GRESHAM COLLEGE
Founded 1597

the Roman, Saxon and Medieval port of London

Gustav Milne

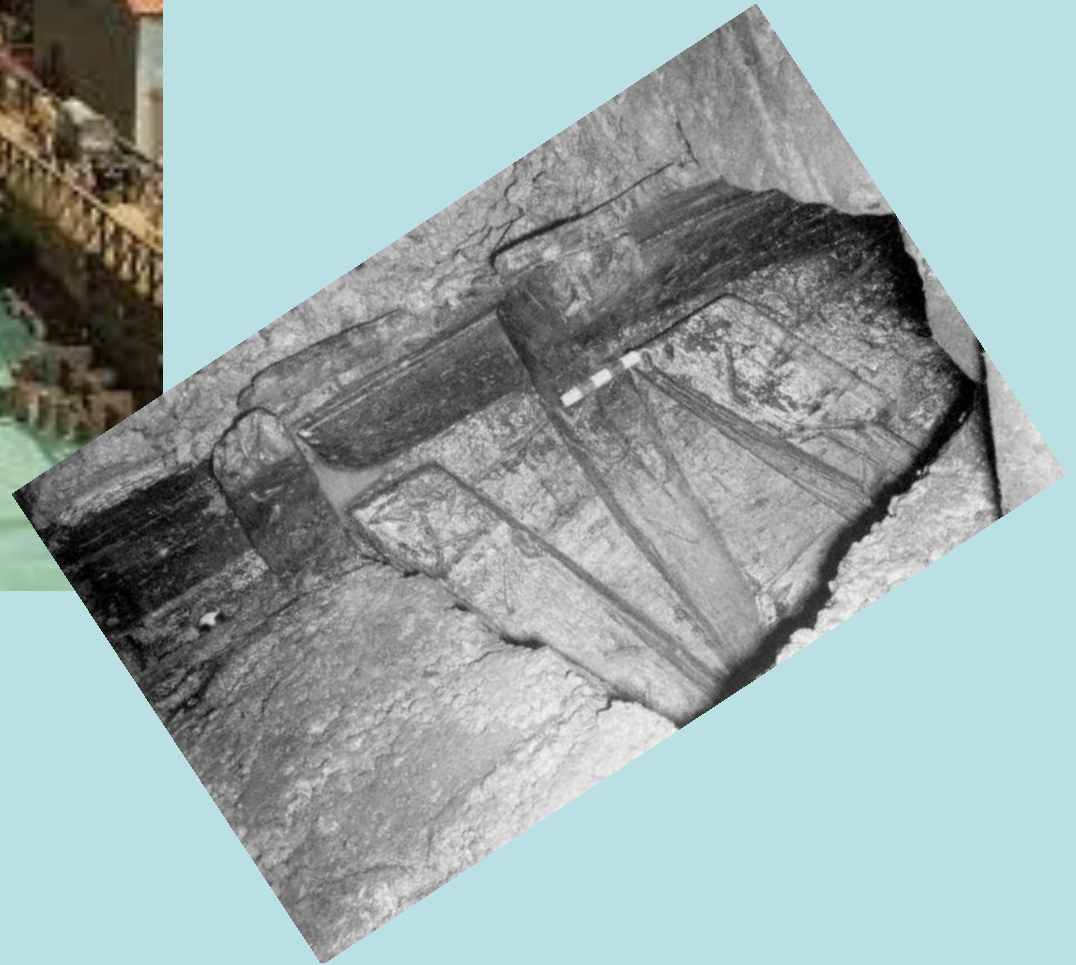




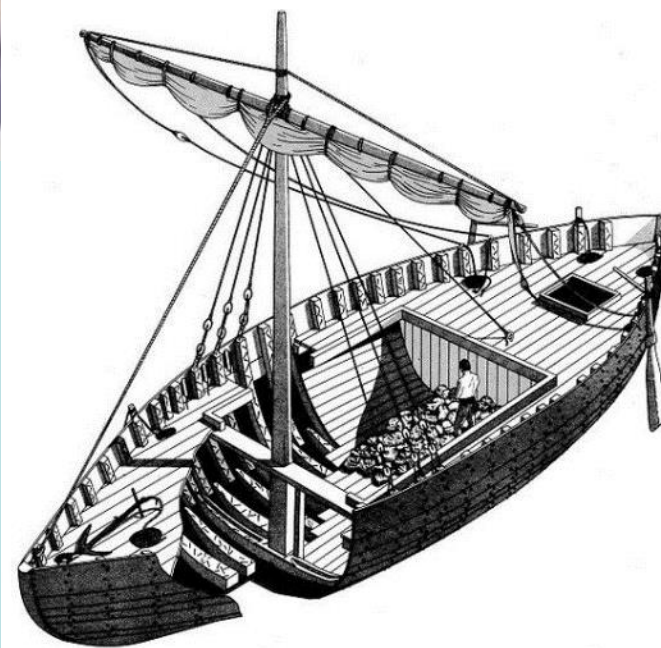
County Hall ship 1910

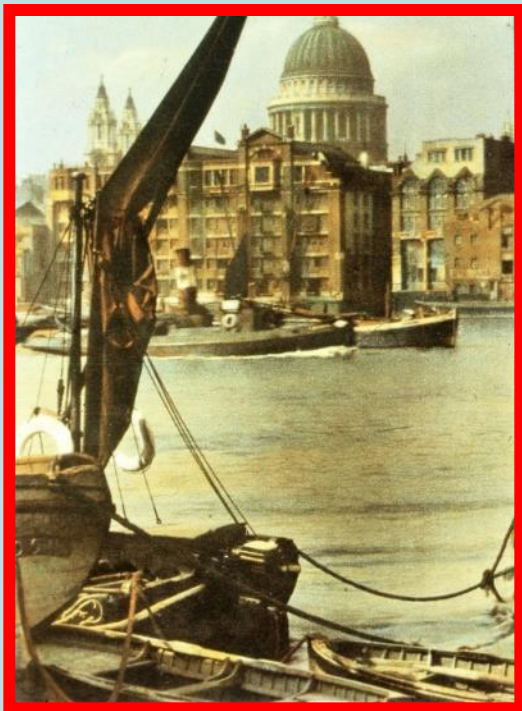


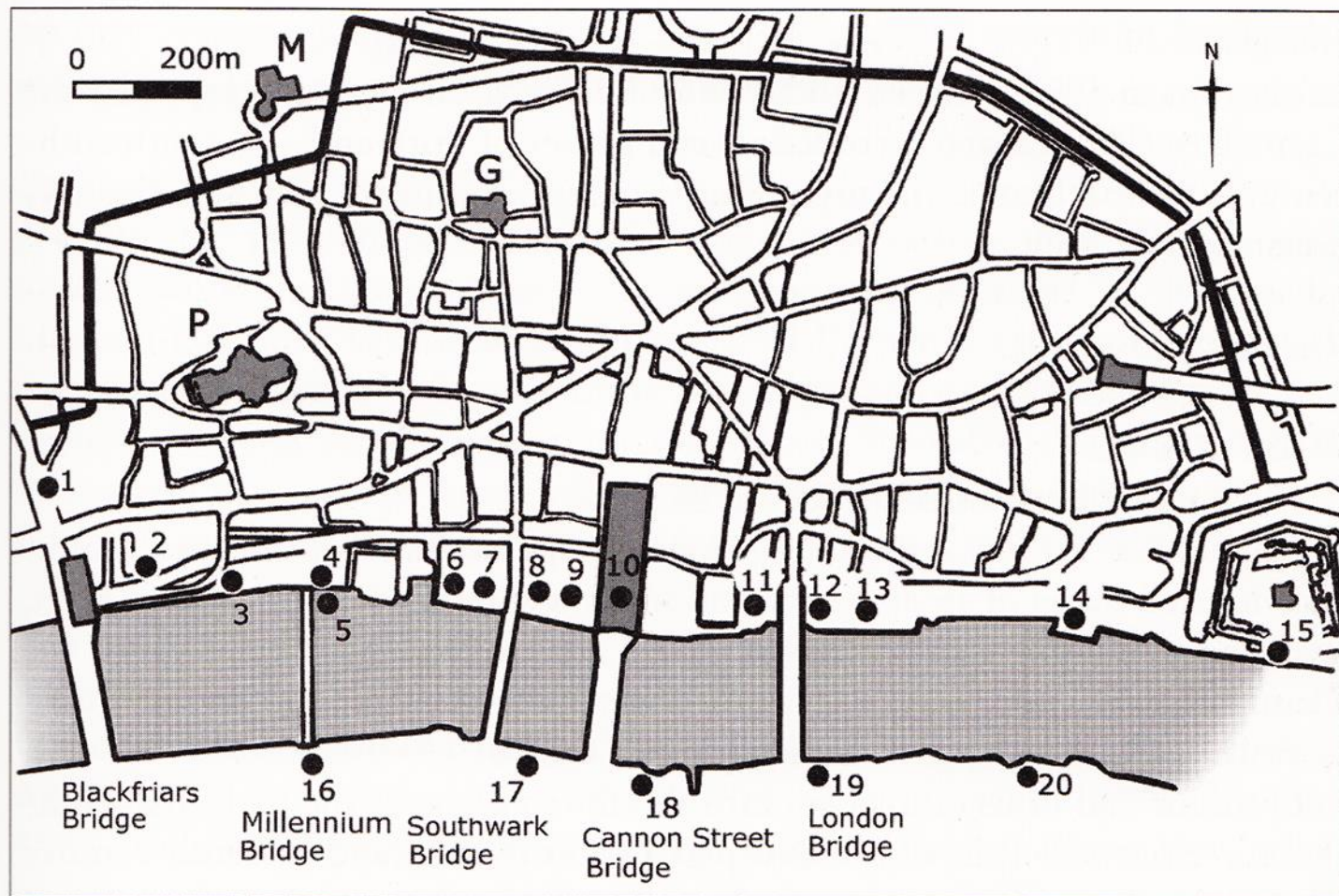
Roman lighter, Guy's Hospital 1958



1962-3 excavation of Blackfriars ship

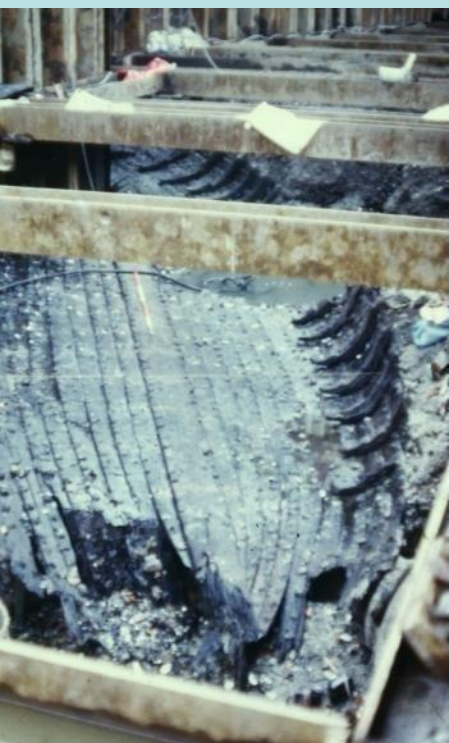






8 Much of London's medieval harbour has now been excavated and destroyed in advance of modern redevelopment. The numbers on this map mark the locations of some major archaeological investigations in the City and Southwark. J. Stripe, London ARF

KEY 1: Confluence of River Fleet; 2: Puddle Dock; 3: Baynard's Castle; 4: Trig Lane; 5: Trig St; 6: Queenhithe; 7: Vintry; 8: Three Cranes Wharf; 9: Dowgate, confluence of Walbrook; 10: Steel; 11: Swan Lane; 12: London Bridge (N); 13: Billingsgate; 14: Old Custom House; 15: Tower W & Watergate; 16: Millennium Bridge (S); 17: Bankside; 18: Winchester Palace; 19: London Bridge (S), Fennings Wharf; 20: Fastolf's Place & the Rosary



Ports of London:

*changing river -port organisation -topography
monetary system -shipping -commodities traded
languages -location*

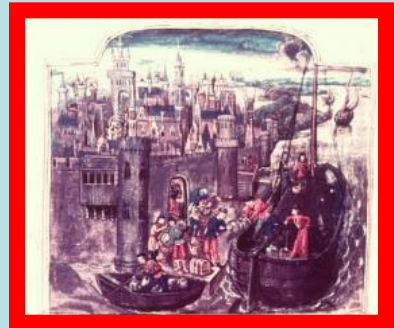
C1-5th: *Londinium*

C7-9th: *Mid-Saxon Lundenwic*

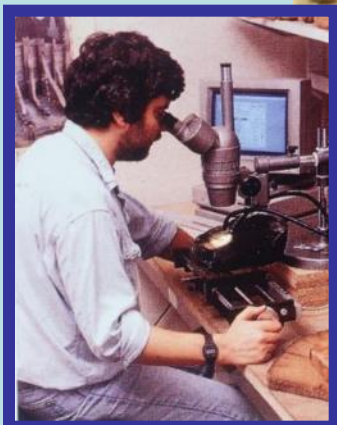
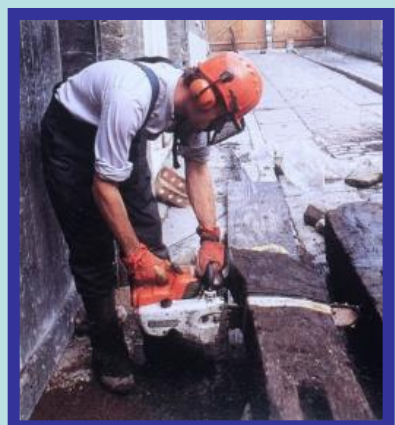
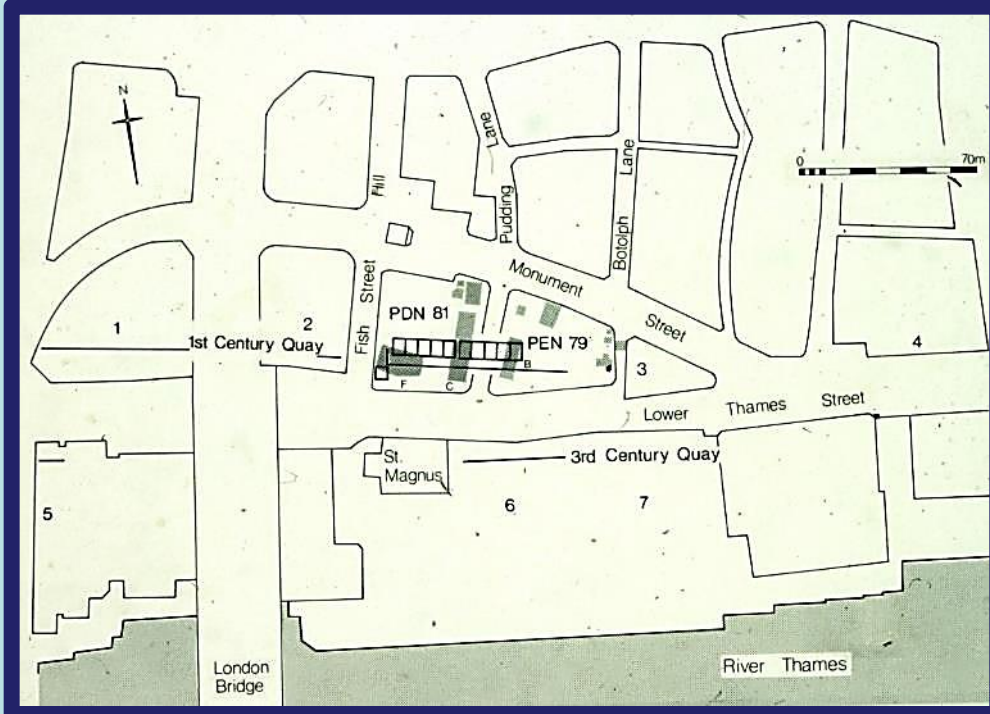
C10-11th: *Danish & Anglo-Norman
Lundenburg*

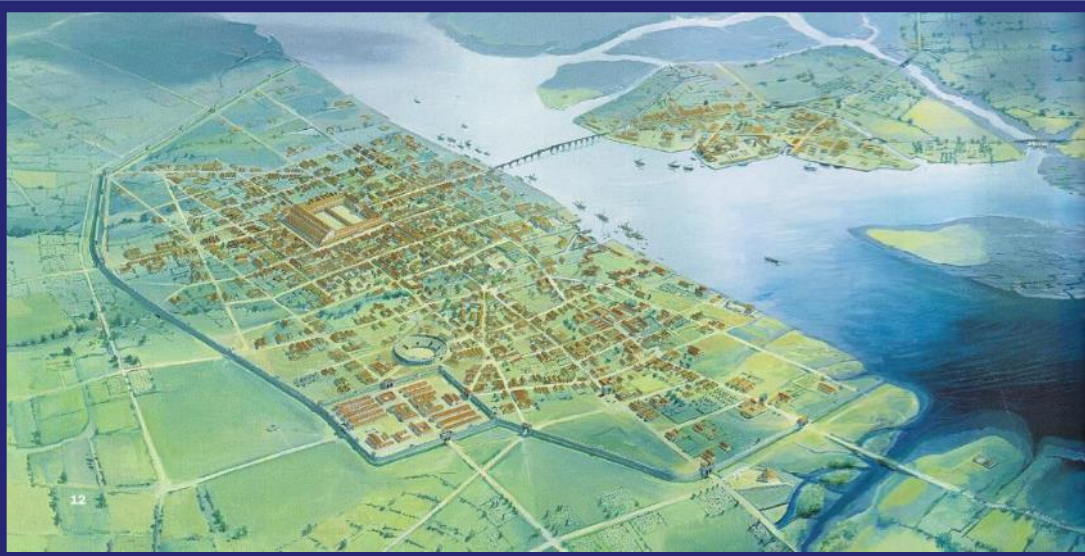
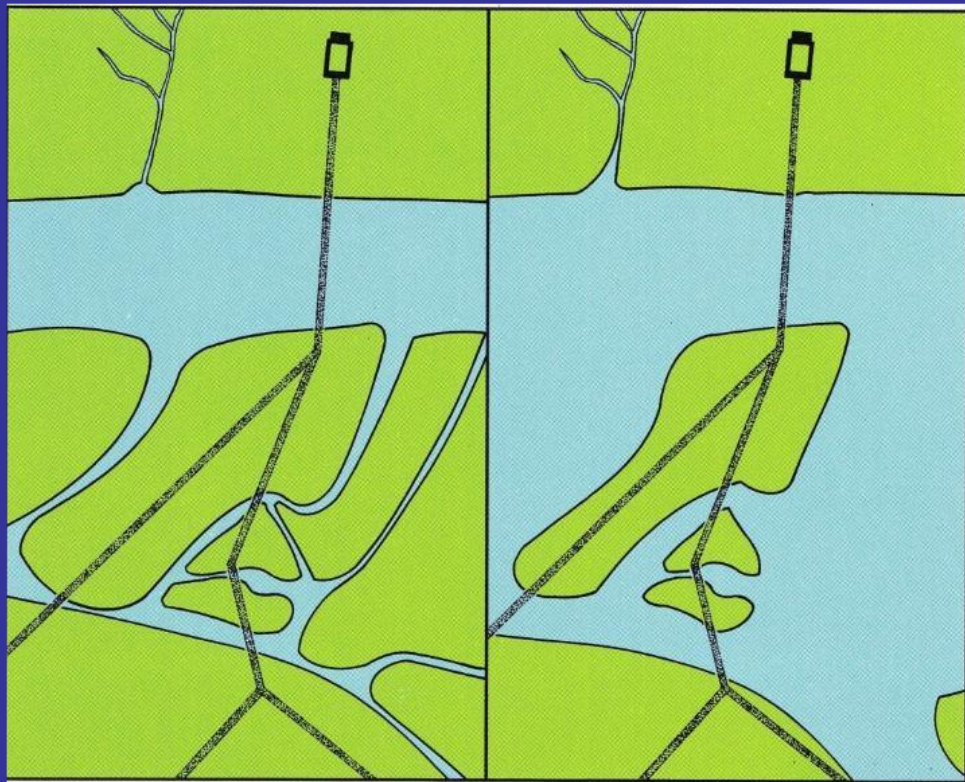
C12th: *Beach market to
merchant port*

C13-14th: *Merchant port*

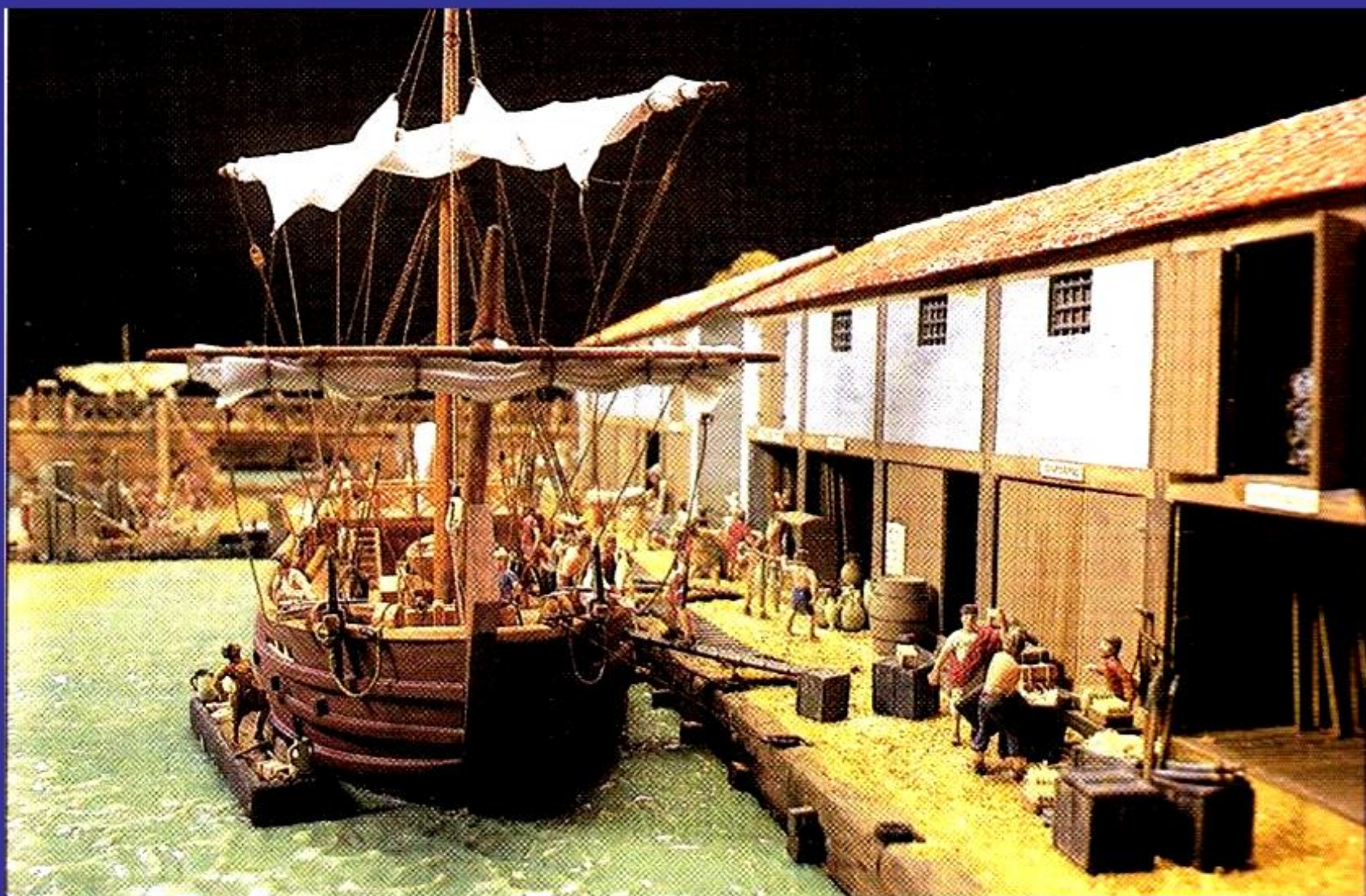


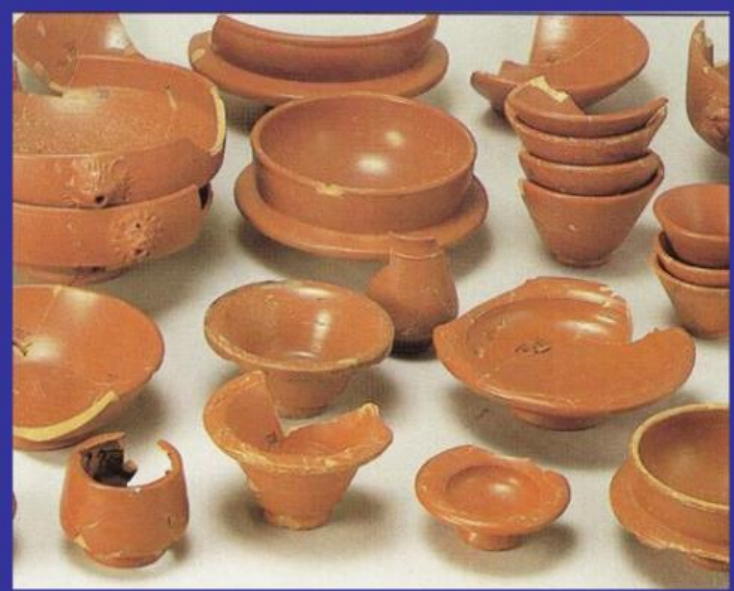




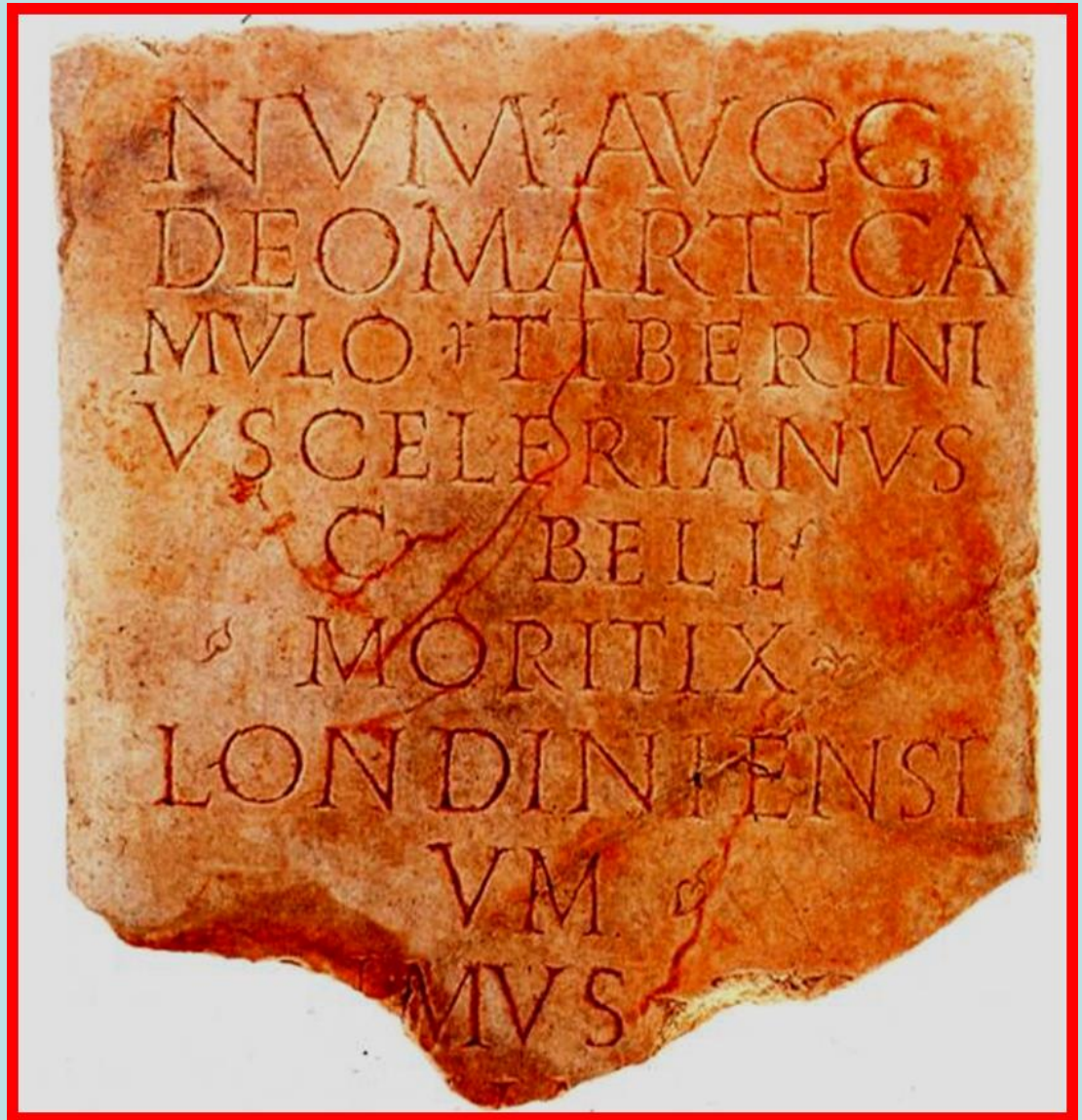


waterfront features
 foreshore deposits
 diatom study
 absolute levels
 absolute dates
 contours - boreholes
 Tidal range: HAT-LAT





Marti..
Camulo..
Tiberinius
Celerianus
Bell...
Moritix
Londiniensium





Classis Britannica CL BR

troop transport; *cursus publicus*;
ship-building; harbour construction;
stone-quarrying; bricks; iron industry

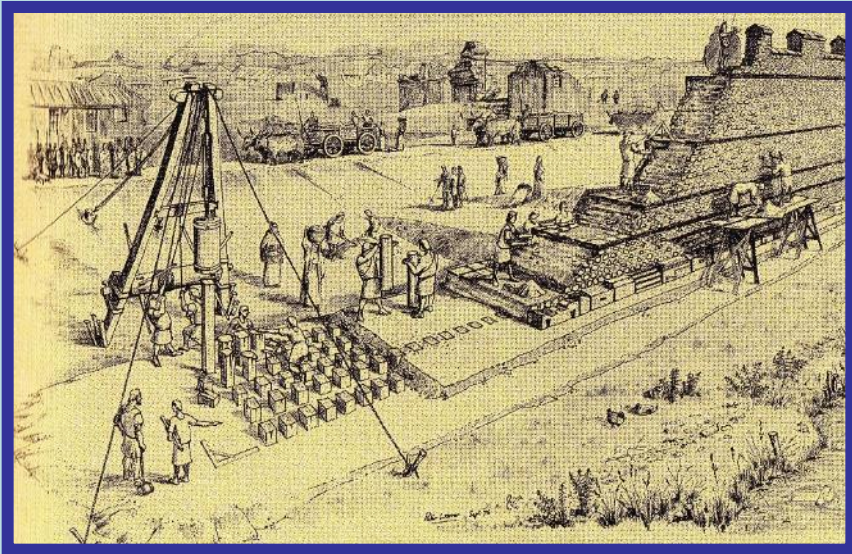
Classis Britannica: C1-C3rd

***Procurator Augusti et Praefectus Classis
eg AD130 Maenius Agrippa***

**Economic development/ regeneration
Romanisation/ taxation**

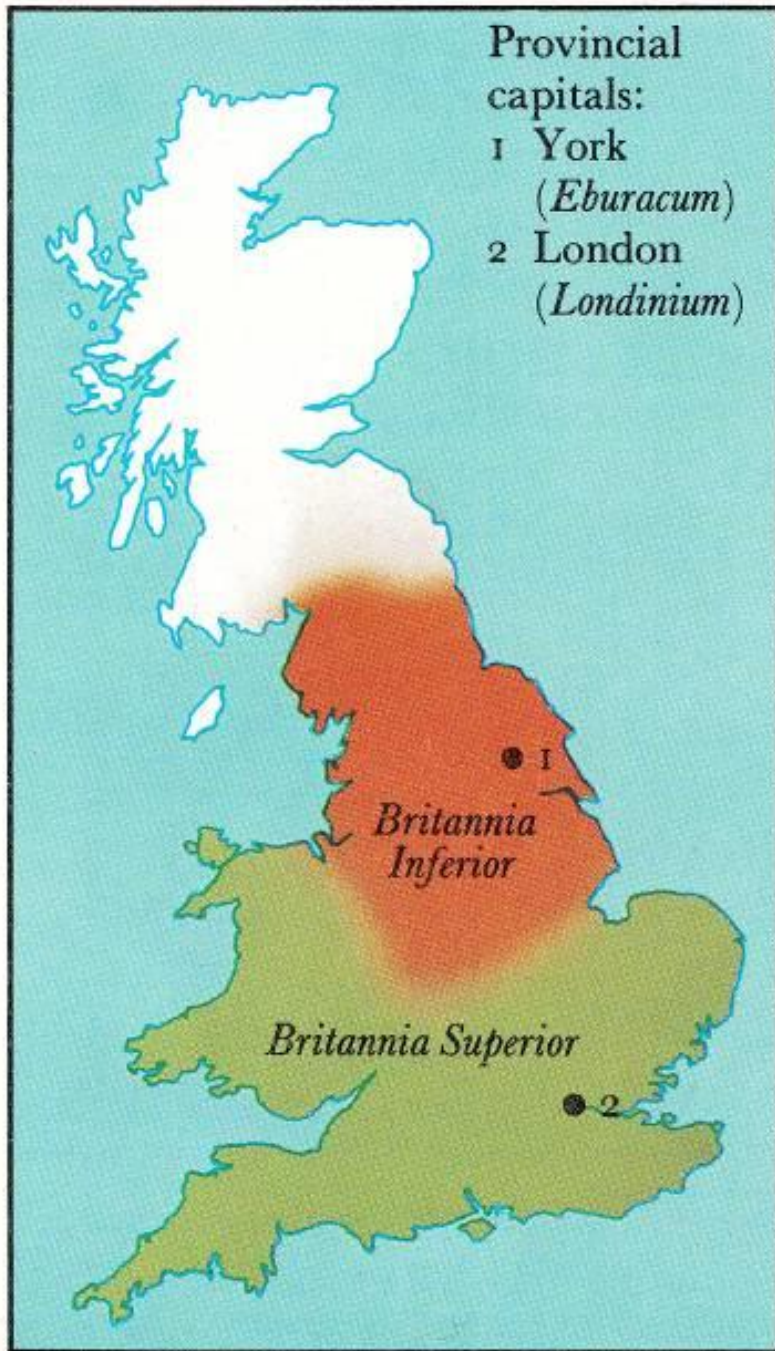


C3rd riverside wall



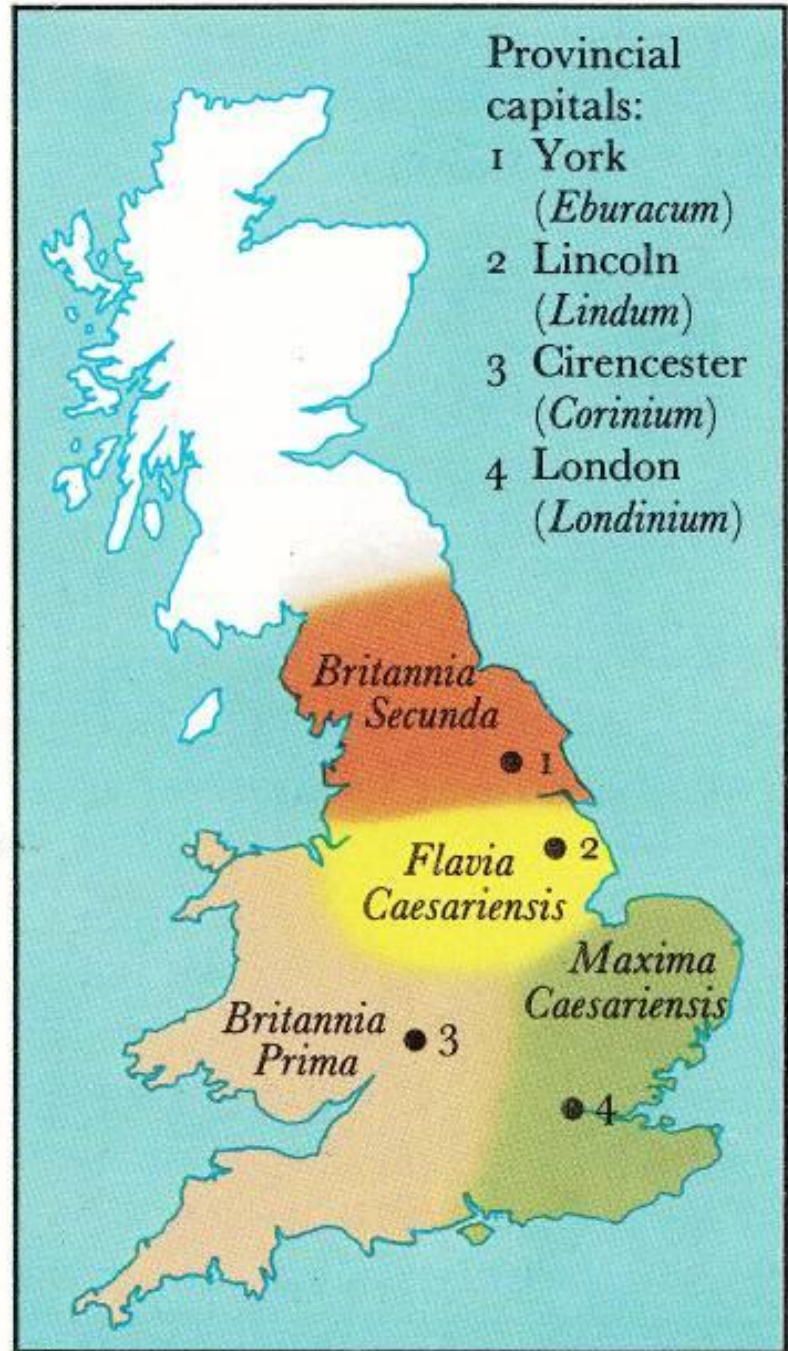
Provincial
capitals:

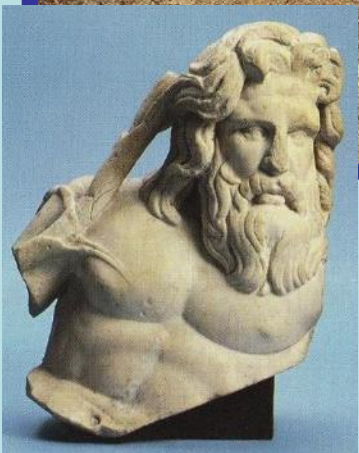
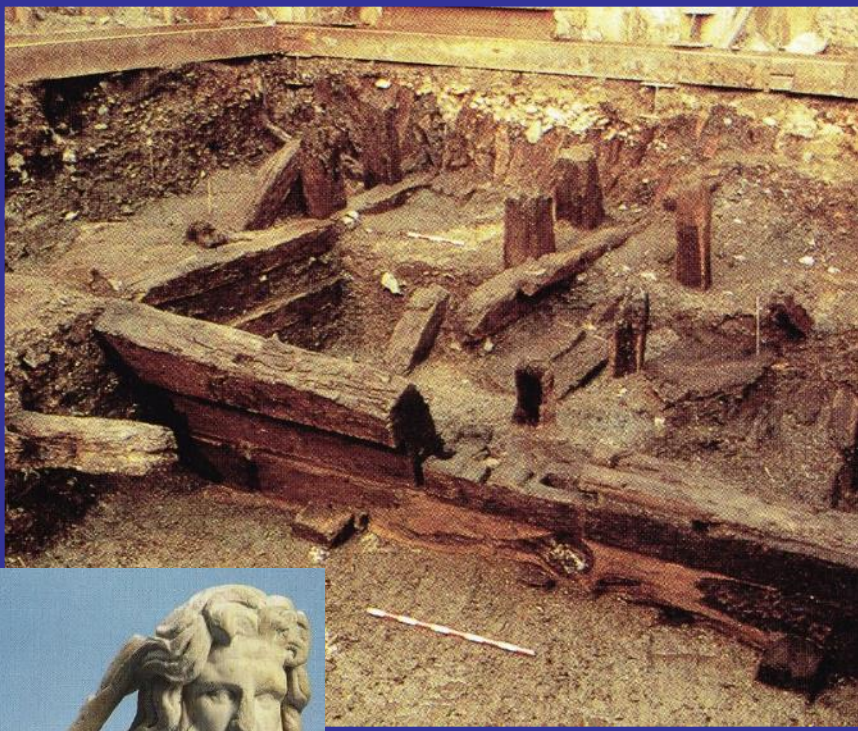
- 1 York
(*Eburacum*)
- 2 London
(*Londinium*)



Provincial
capitals:

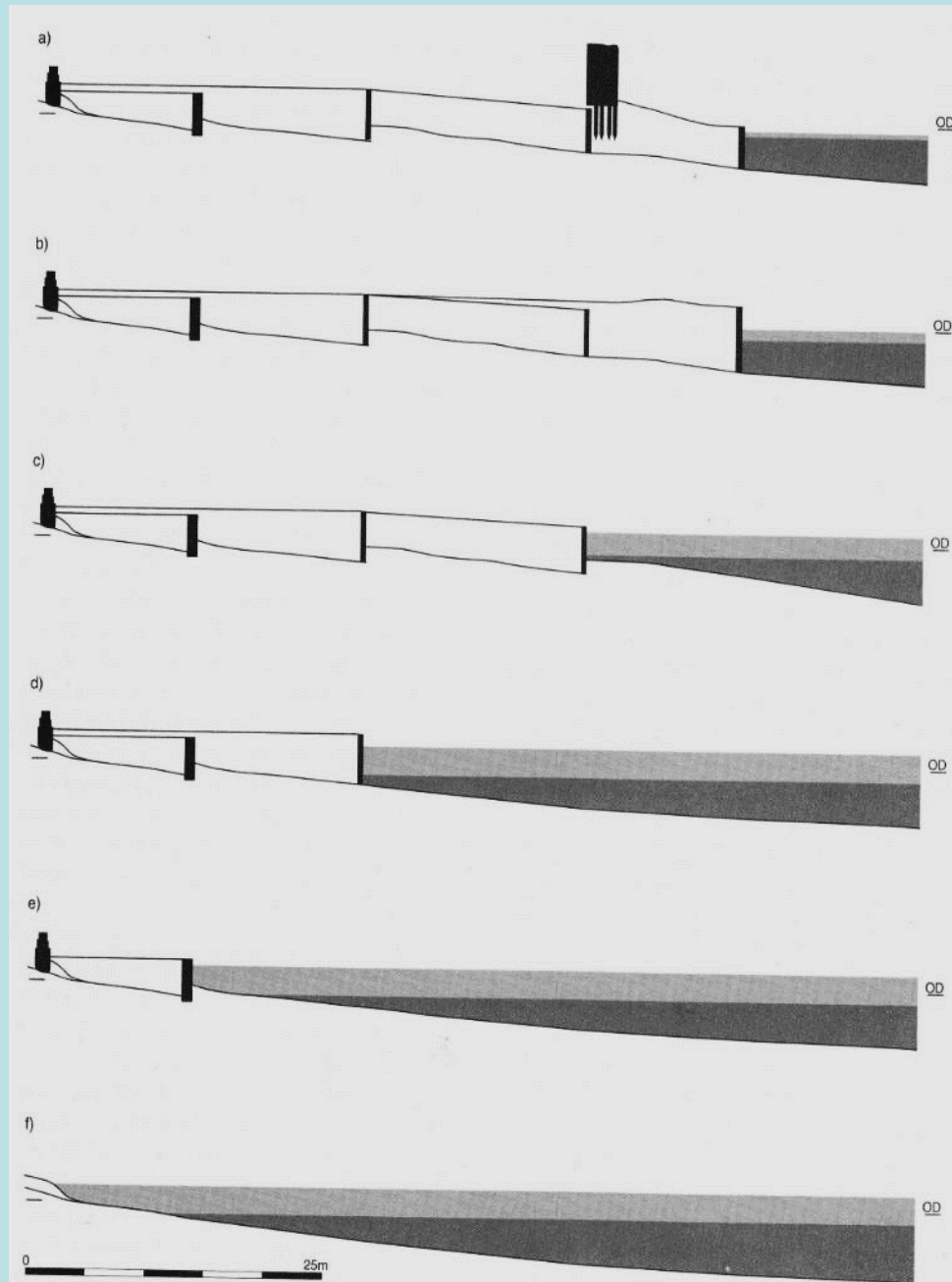
- 1 York
(*Eburacum*)
- 2 Lincoln
(*Lindum*)
- 3 Cirencester
(*Corinium*)
- 4 London
(*Londinium*)





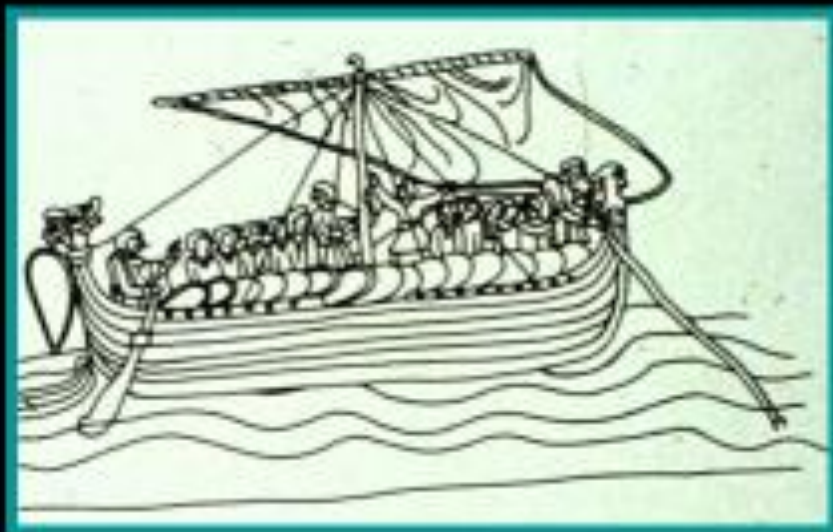
C3-4th:

**River levels drop:
tidal head moves east**



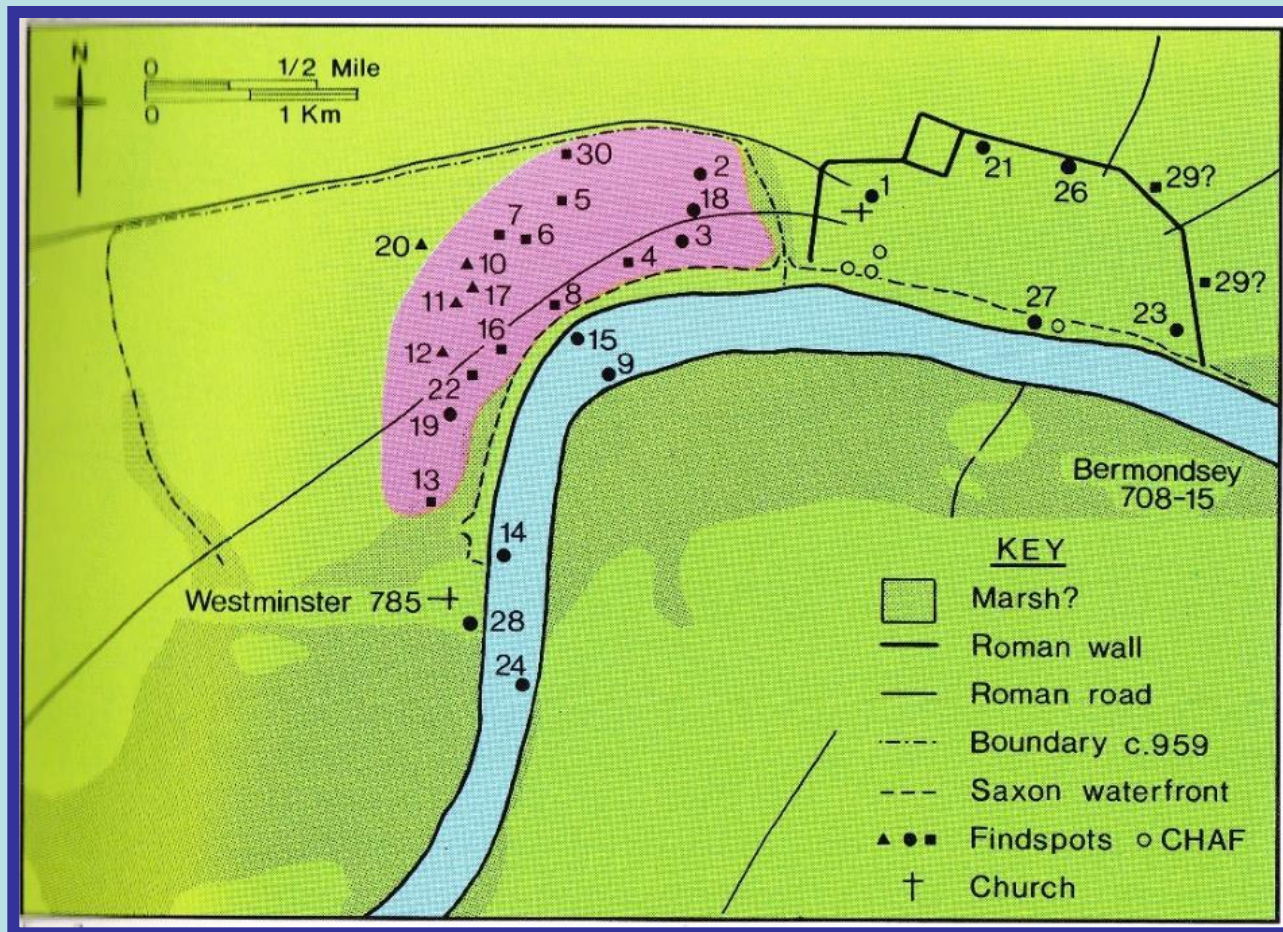
56 Diagram showing Roman waterfront development from the first century (f), to the mid-third (b); after which the riverside wall was built (a). The dark tone marks the depth of water at low tide, the lighter tone the increased depth at high tide. Note how the tidal range (lighter tone) decreases over time (Chrissie Milne).

Londinium abandoned c. AD 457



Lundenwic:

AD 600 'Aldwych' settlement develops
west of walled *Londinium*

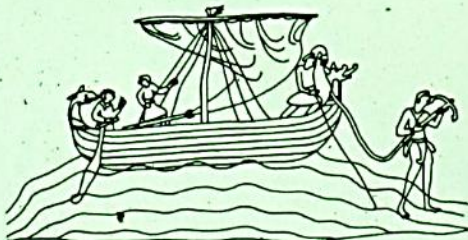
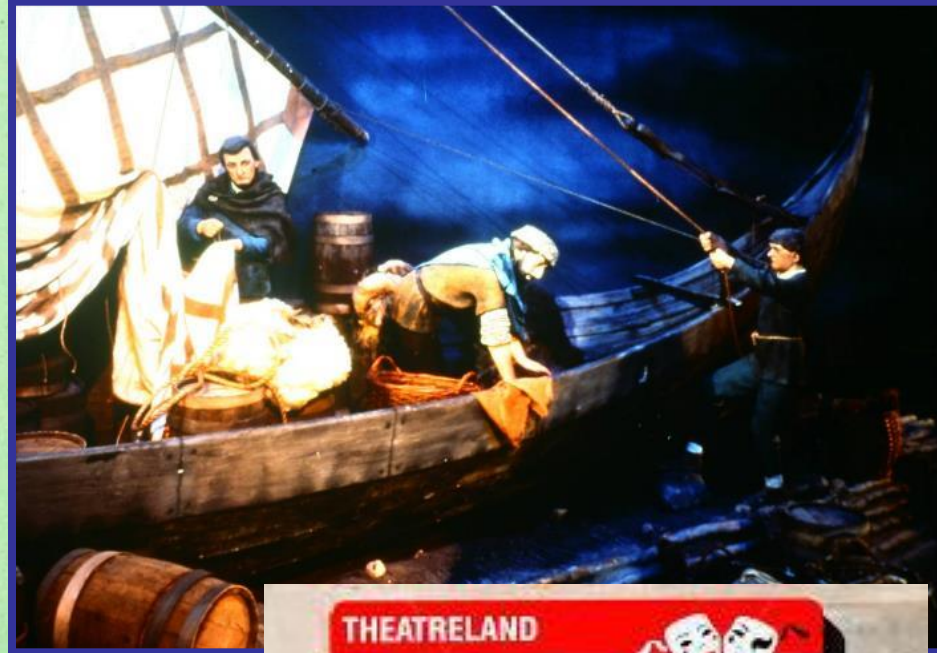
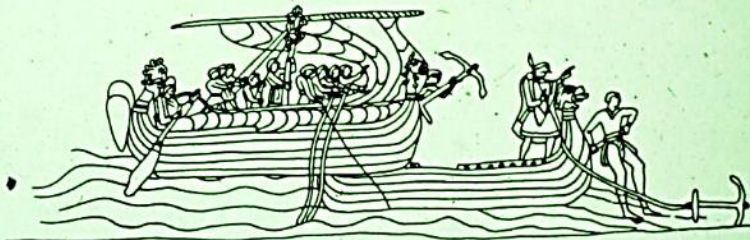


Beach market

place name: **Strand**



98



THEATRELAND

STRAND WC2

THIS SIDE

← 460 - 408

407 - 235 →

OTHER SIDE

← 1 - 72

73 - 234 →

CITY OF WESTMINSTER

Lundenwic beach market

672 *Land Grant: port mentioned*

734-7 *Charters: shipping dues*

857 *Weights & measures*



AD 886

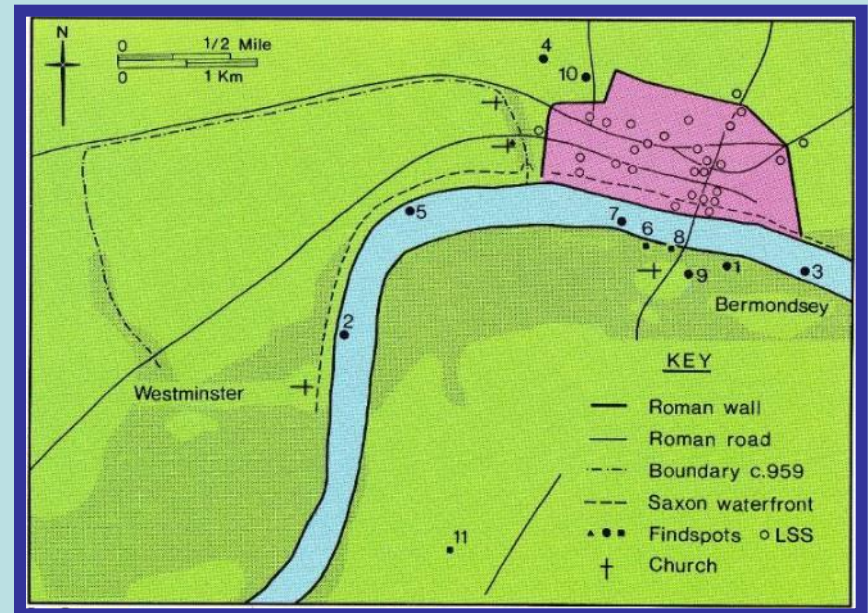
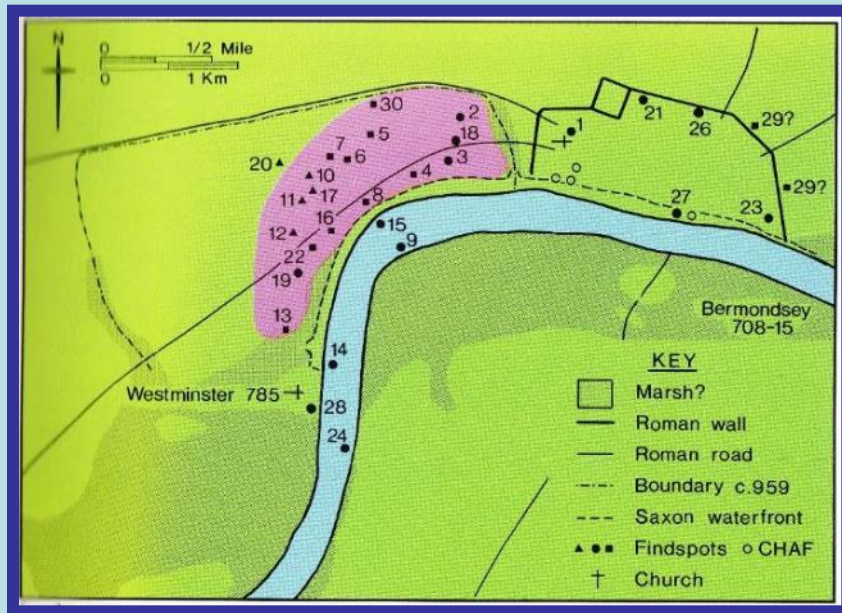
Lundenwic

abandoned:

relocated in

Londinium

(Ald-Wych)



DOCUMENTED HISTORY of SAXON, NORMAN and MEDIEVAL PORT

ETHELRED'S IV LAW CODE:

Robertson, A (ed) 1925,

The Laws of the Kings of England from Edmund to Henry I

REGULATIONS REGARDING MEN FROM LOTHARINGA

Bateson, A, 1902, 'A London Municipal Collection',

English Historical Review, 17, pp 430-511; 707-30

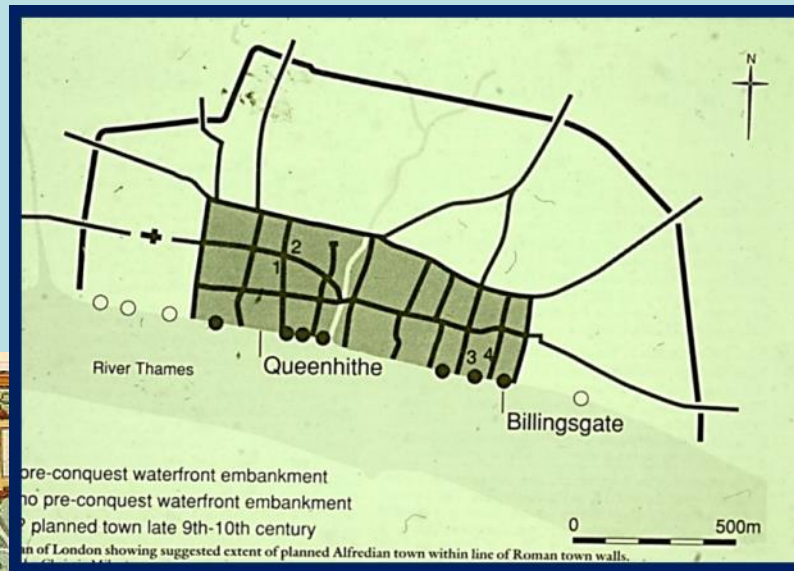
PORT AND MARKET REGULATIONS

Riley, T, (ed) 1861, *Liber Albus*

CUSTOMS ACCOUNTS FOR 1481:

Cobb, H, 1990 *Overseas Trade of London: exchequer customs accounts 1480-1*, London Record Society no 27

AD 900



AD 1500



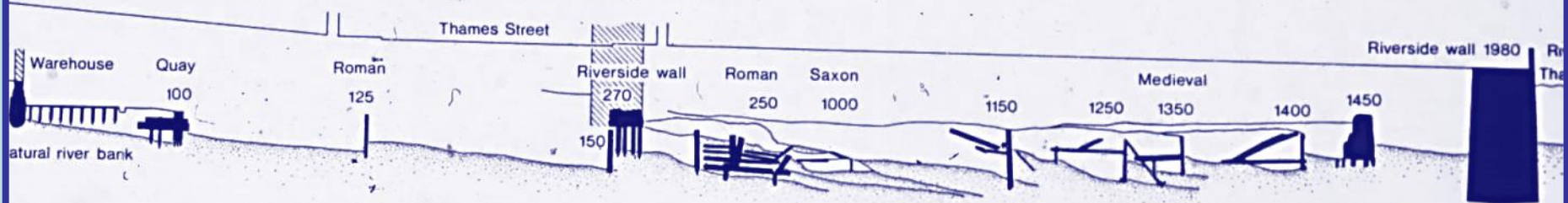


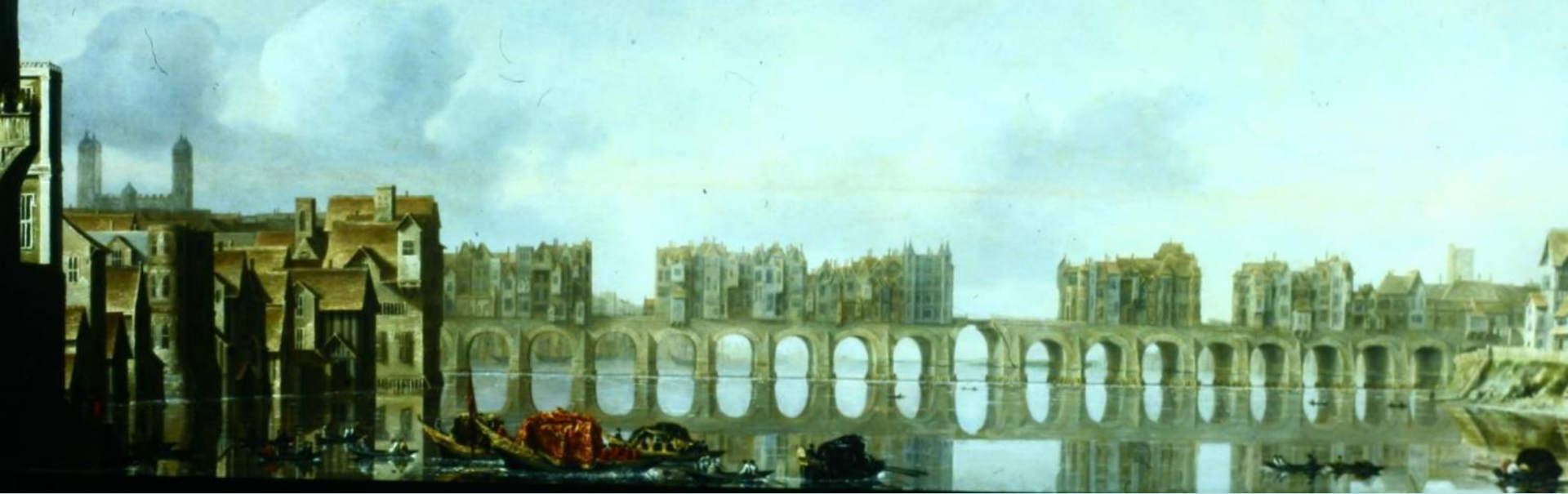
**embankments raised
over foreshore to
south of riverside wall**





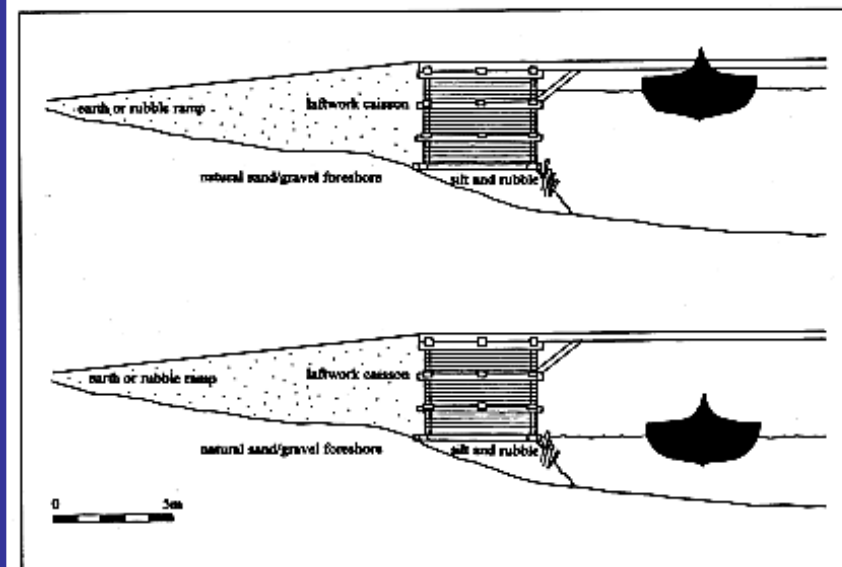
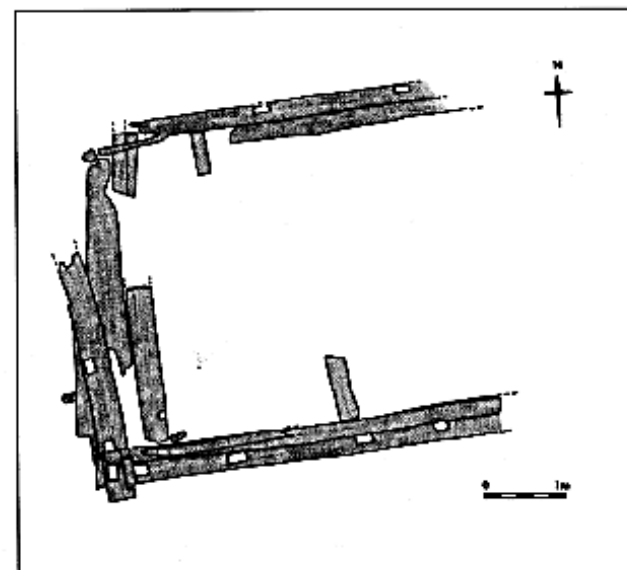
Section showing reclamation south of Thames Street from AD150 until the present day



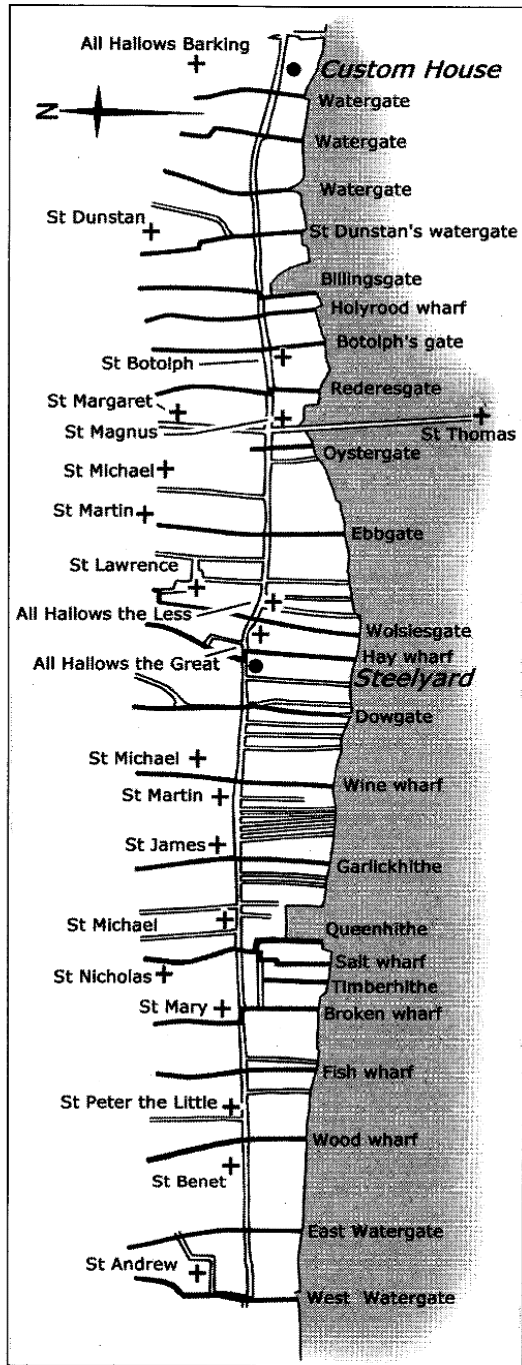




29 Plan of the twelfth-century timber bridge abutment recorded at Fenning's Wharf. After Watson et al. 2001. K. Brandon LARF







- Galley Quay
C13th shipyards
- Wool Quay
New Fish Street
C AD 1000 LONDON BRIDGE

- Hay Wharf
- Wine Wharf
- Garlickhithe
- Salt Wharf

C10th shipyards

- Timberhithe
- Fish Wharf

Old Fish Street

- Wood Wharf

beach market

- *Shallow draft vessels
 beached on foreshore

- *No harbour works

Barter/ in kind

- *No warehouses

No merchants

No middlemen

*Cargoes 'sold' on board
direct to consumer*

merchant port

- * Range of vessels,
 inc deep-draught
 cargo carriers

- * Harbour structures

- * Cash economy

- * Warehouses

Merchants

Middlemen

wholesale/ retail

12th-century harbour

- Riverside wall undermined/removed
- Waterfront opened up to 'private' encroachments
- Development of specialist larger cargo carriers
- Introduction of masonry warehouses
- Work begins on masonry bridge

1971 medieval barge excavation

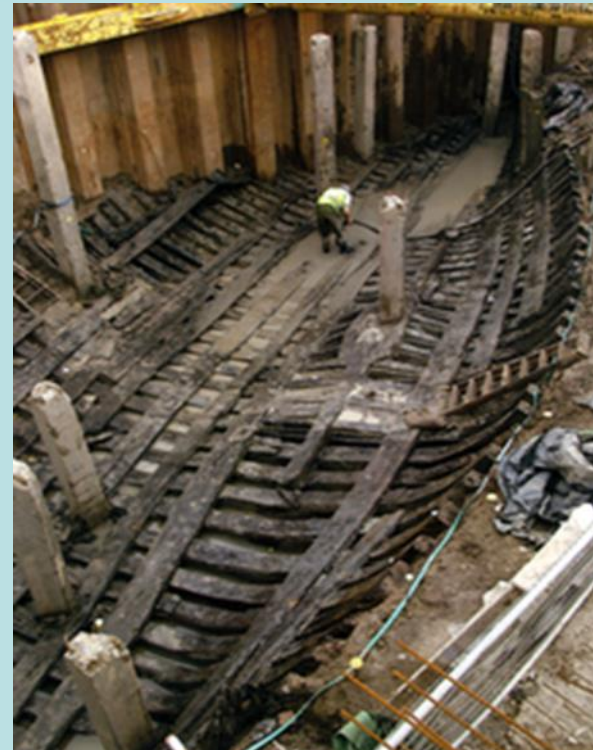


Medieval cargo carriers

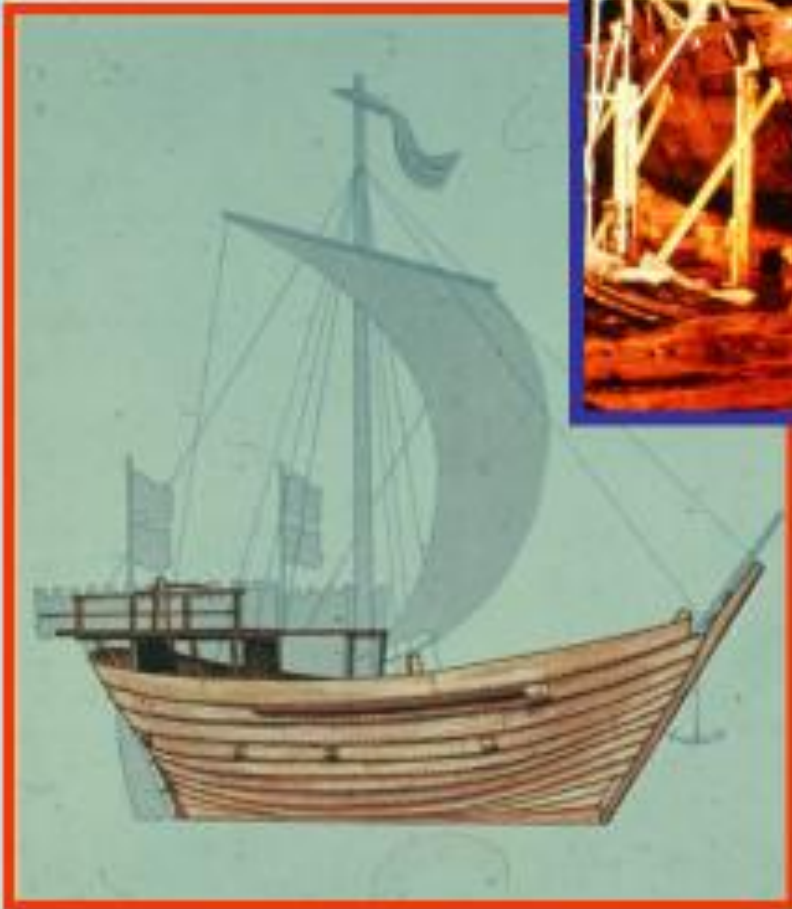
- AD1000 20 tons



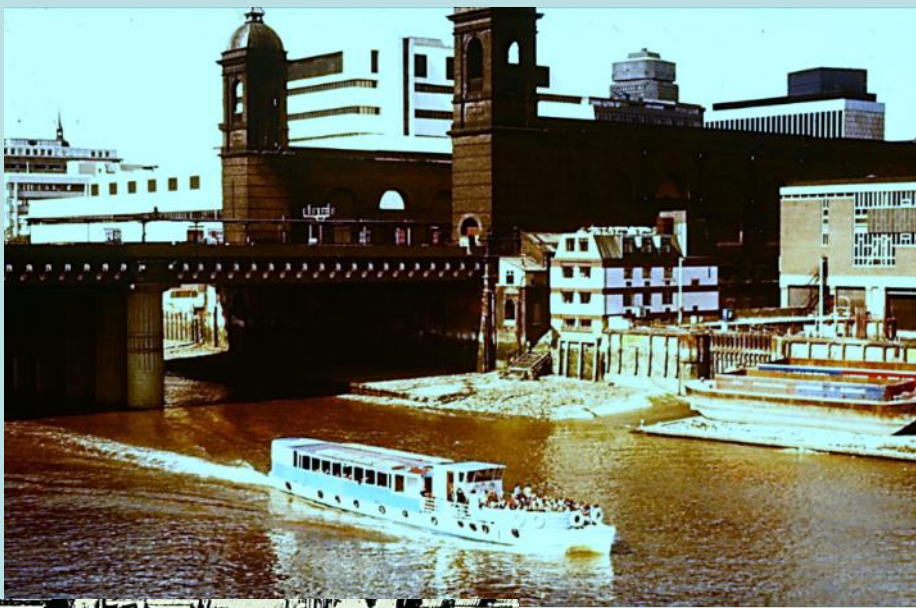
- AD1100 60 tons



- AD1200 100 tons



- 13th -14th century
cogs *Kogge*



VINTRY:
Anglo-Norman
wine trade

**HANSEATIC
STEELYARD**
Baltic trade









**TOWER
WHARF:**

**medieval
river wall**

Coinage



AD 900 silver penny



**AD 1350 silver & gold
different values**

long-cross penny



half-penny



**fourthing
(farthing)**





Coinage Edward I:
groat (4d)



penny



half penny



farthing



Coinage
Edward III

gold noble
mark
sovereign

Jettons

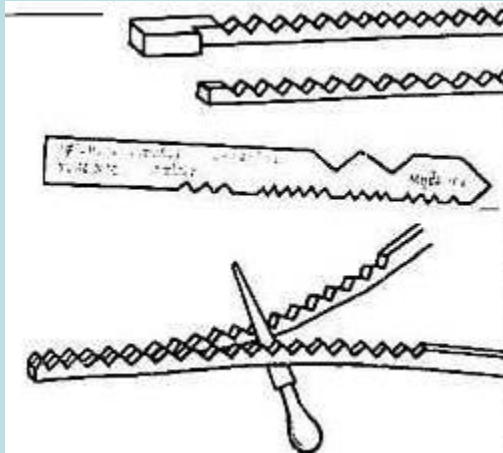
French



Nuremburg



Tally sticks



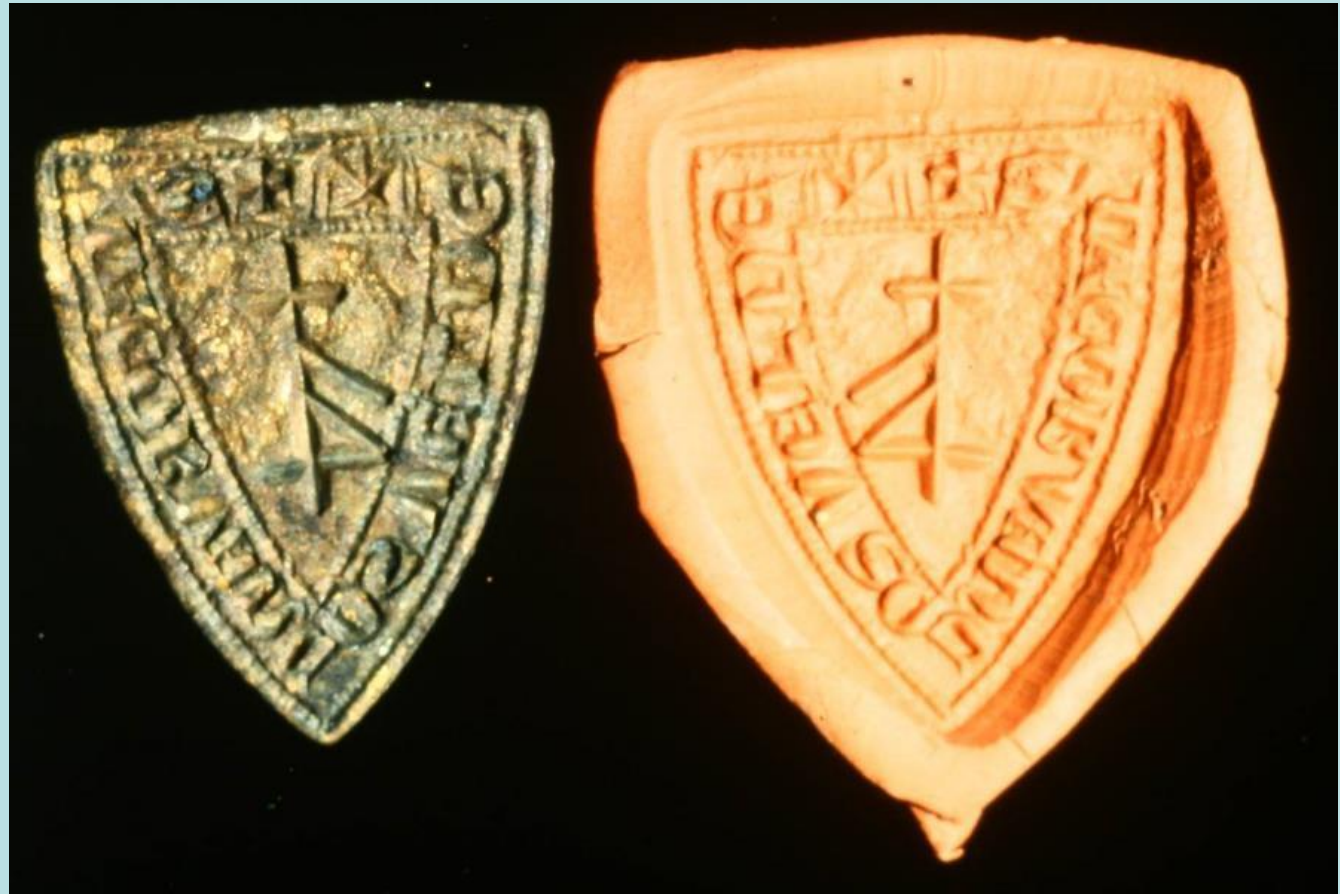


A London merchant
The brass at All Hallows-by-the-Tower
on the tomb of John Bacon 'citizen
and woolman', who died in 1437,
shows him with his feet on a wool sack



Merchant's mark
scratched on the wall
of Gerard's Hall

74 A London merchant: funerary brass from All Hallows-by-the-Tower commemorating John Bacon, citizen and woolman' who died in 1437. His feet are resting on a wool sack, the source of his wealth. Museum of London



1382 Custom House at Wool Quay

- GREAT CUSTOM £10,000 pa
wool, fleeces & hides exported
- CLOTH CUSTOM £4,500 pa
- TUNNAGE & POUNDAGE £4,500 pa
Import duty on tuns of wine
& *ad valorem* duty
- PETTY CUSTOM £400 pa
Other goods carried by 'aliens'



Customs Officials

42 staff in C15th London

- Controller x 1
- Collector x 2
- searcher (inspector)
- tronager (weighing)
- waiters (inspect cargoes on board)
- sundry clerks & servants



PORTS OF LONDON: AD 50 to AD 1500

*changing river, port organisation,
topography, monetary system, building
fabric, shipping, commodities exchanged,
language & location*

C1-5th *Londinium*

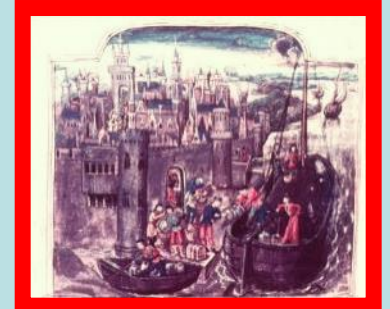
C7-9th Mid-Saxon *Lundenwic*

C10-11th Saxon & Norman harbours

C12th Beach market to merchant port

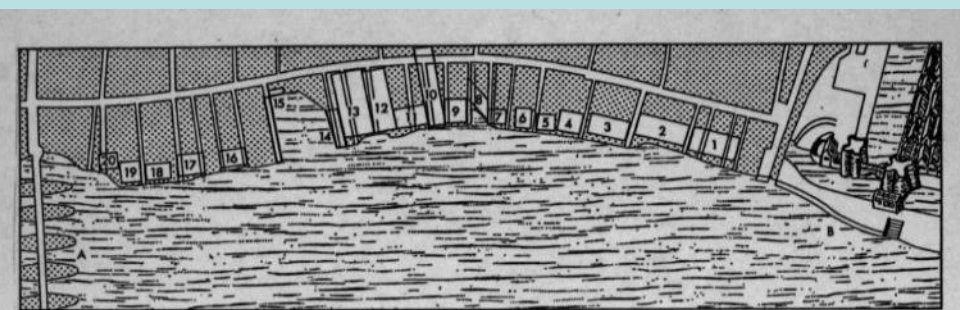
C14-15th Chaucer's harbour

C16th New Age & New World



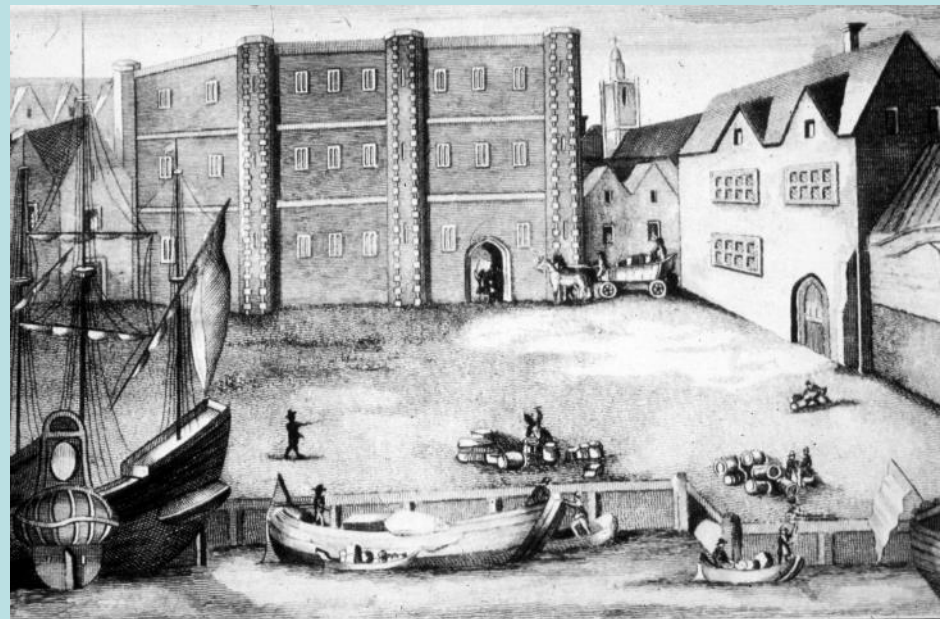


1559: port reform and new Custom House



Key:

- | | |
|---------------------|-------------------------|
| A London Bridge | 12 Dyse Quay |
| B Tower Dock | 13 Old Thrustons Quay |
| C Queenhithe | 14 Smarts Quay |
| 1 Galley Quay | 15 Billingsgate Quays |
| 2 Old Wool Quay | 16 Sommers Quay |
| 3 Custom House Quay | 17 Buttolph Wharf |
| 4 Greenberries Quay | 18 Cocks Quay |
| 5 Crown Quay | 19 Gaunts Quay |
| 6 Bear Quay | 20 Fresh Wharf |
| 7 Thrustans Quay | 21 Busshers Wharf |
| 8 Sabbes Quay | 22 The Steelyard |
| 9 Gibsons Quay | 23 Thomas Johnsons Quay |
| 10 Yongs Quay | 24 Three Cranes Wharf |
| 11 Ruffs Quay | |



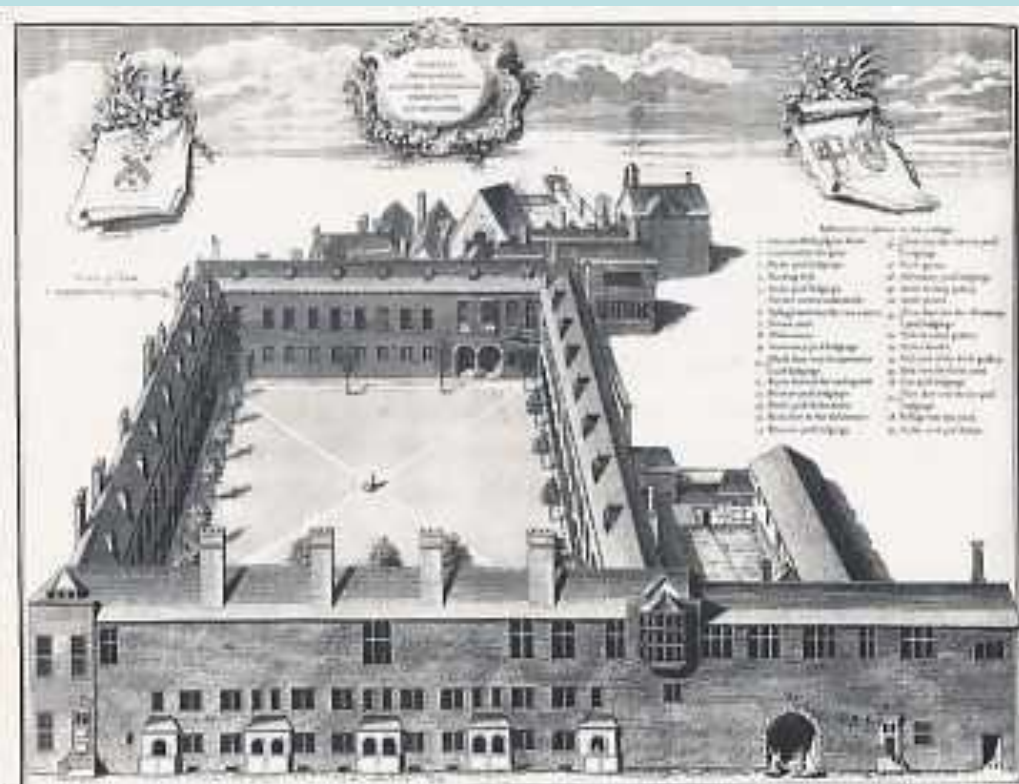


1571: Royal Exchange

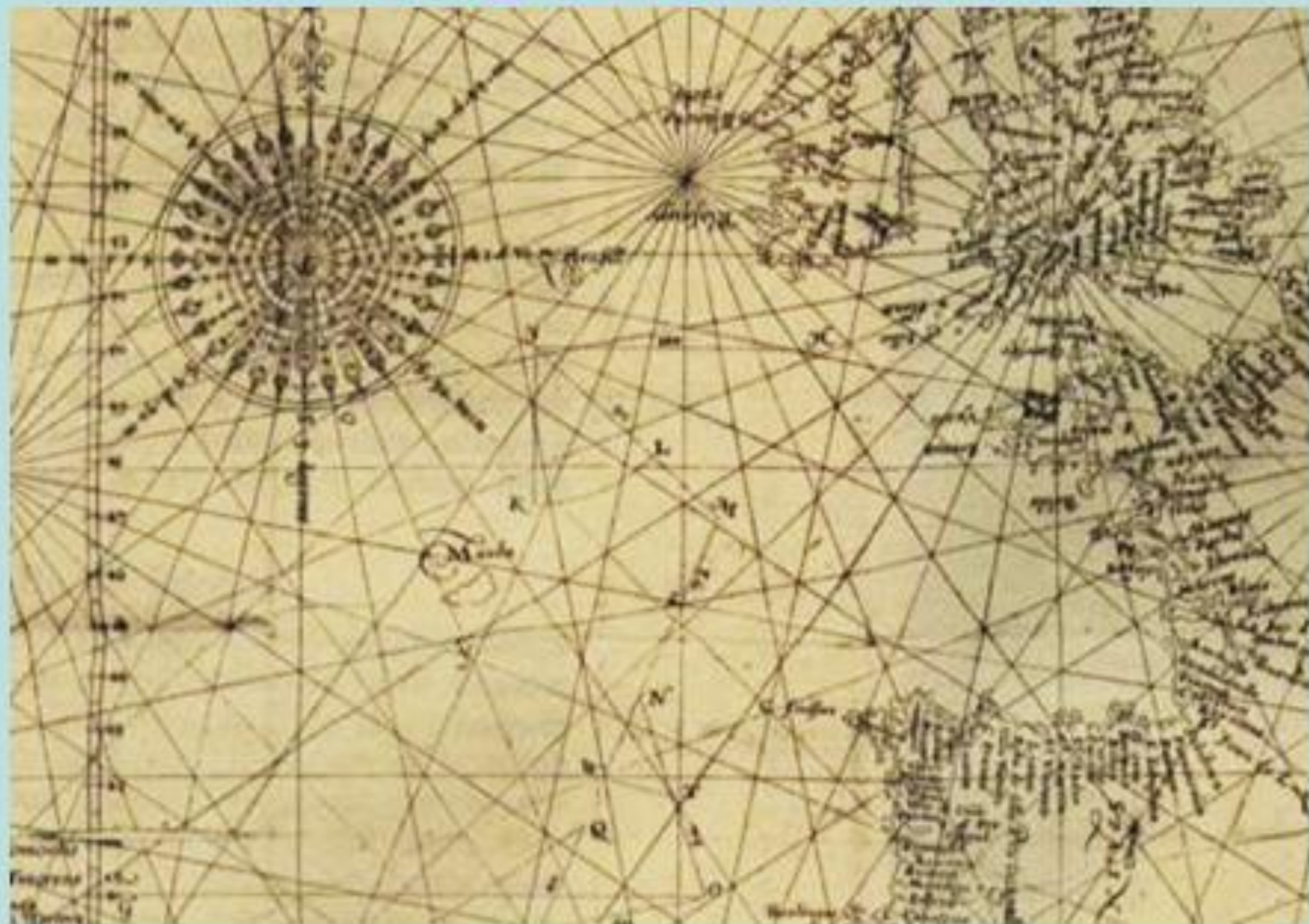


1597: Gresham College

free lectures from professors in
eg Astronomy, Geometry, Physics, Law



Sailing chart: 1590

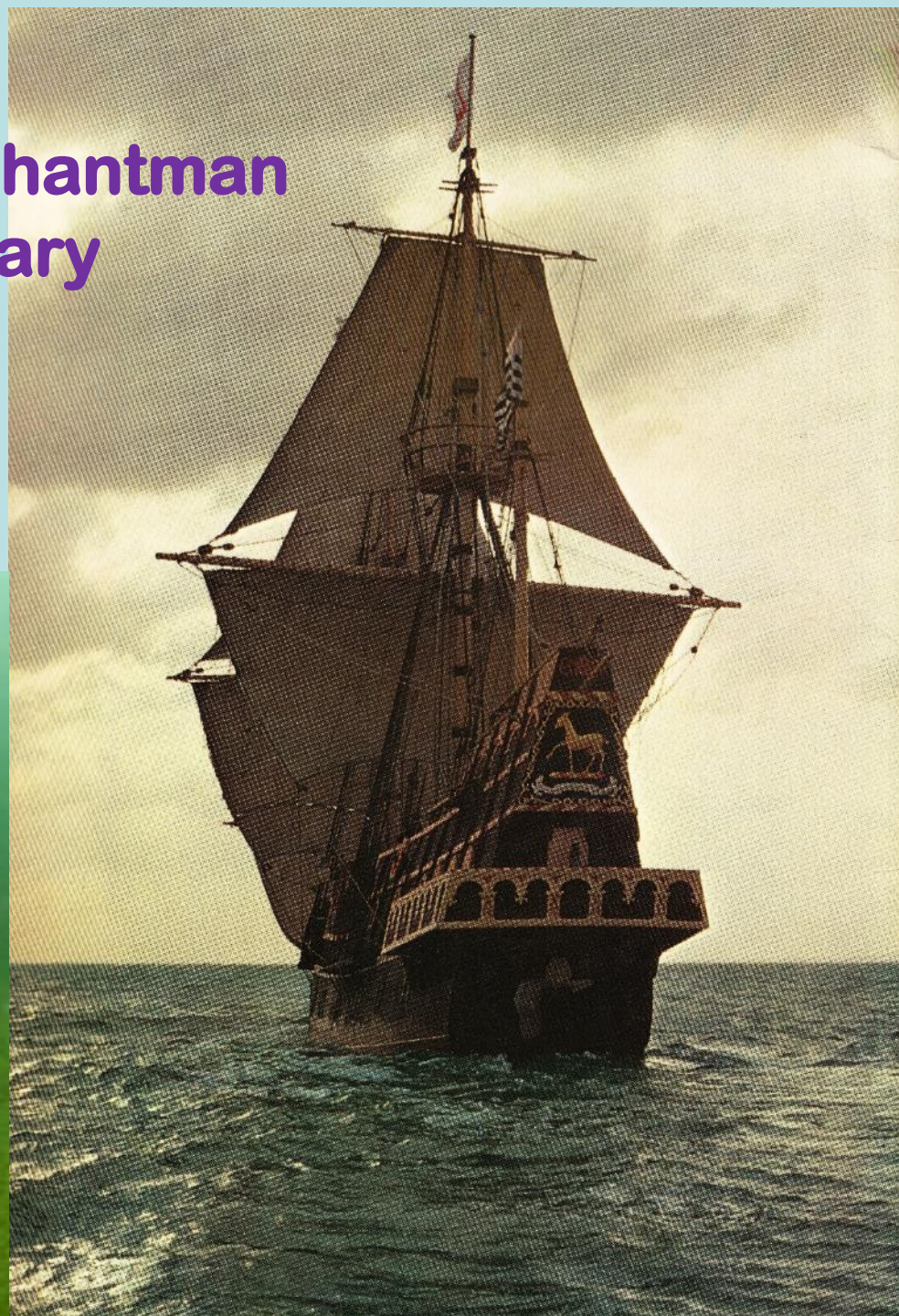


Gresham Ship

armed Elizabethan merchantman
wrecked in Thames estuary

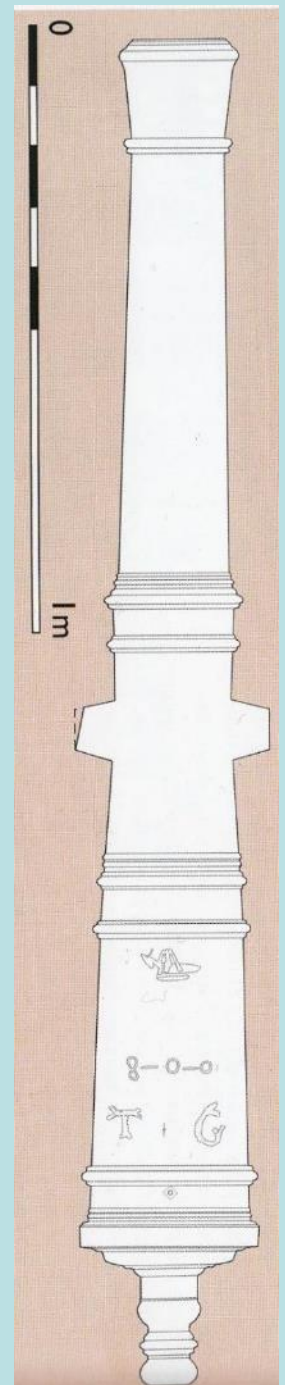
Built 1574

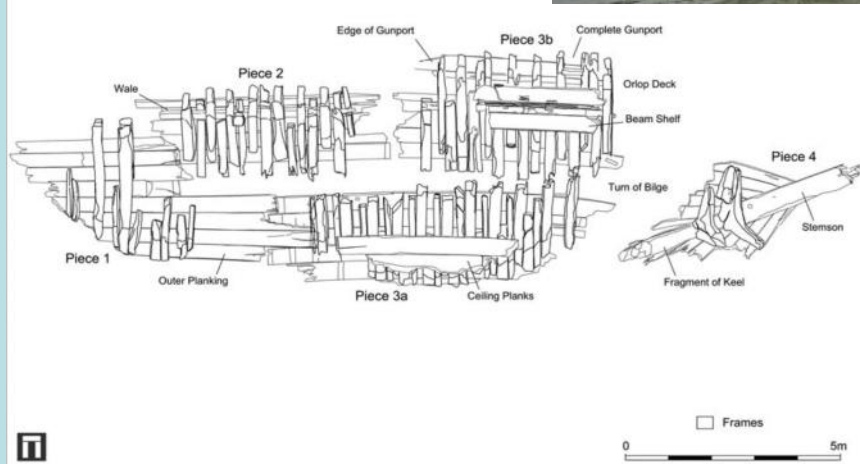
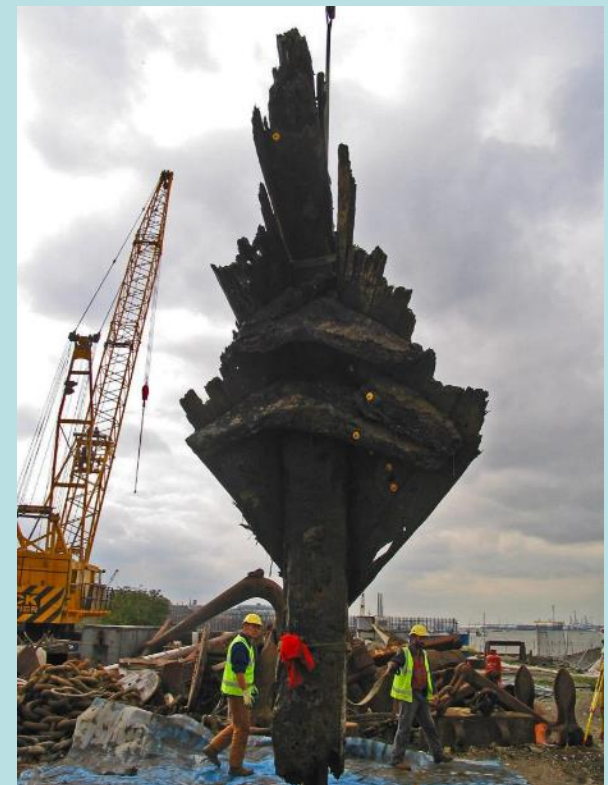
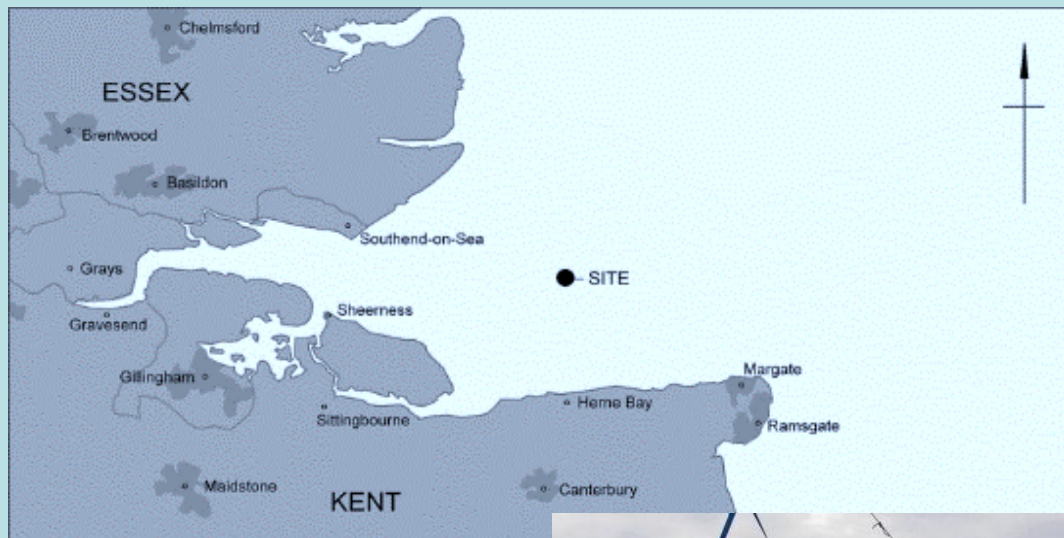
Raised & researched
2003-2014.





**Thomas
Gresham
(1519-1579)**





Armed Elizabethan Merchantmen

TRADE 1571-1580

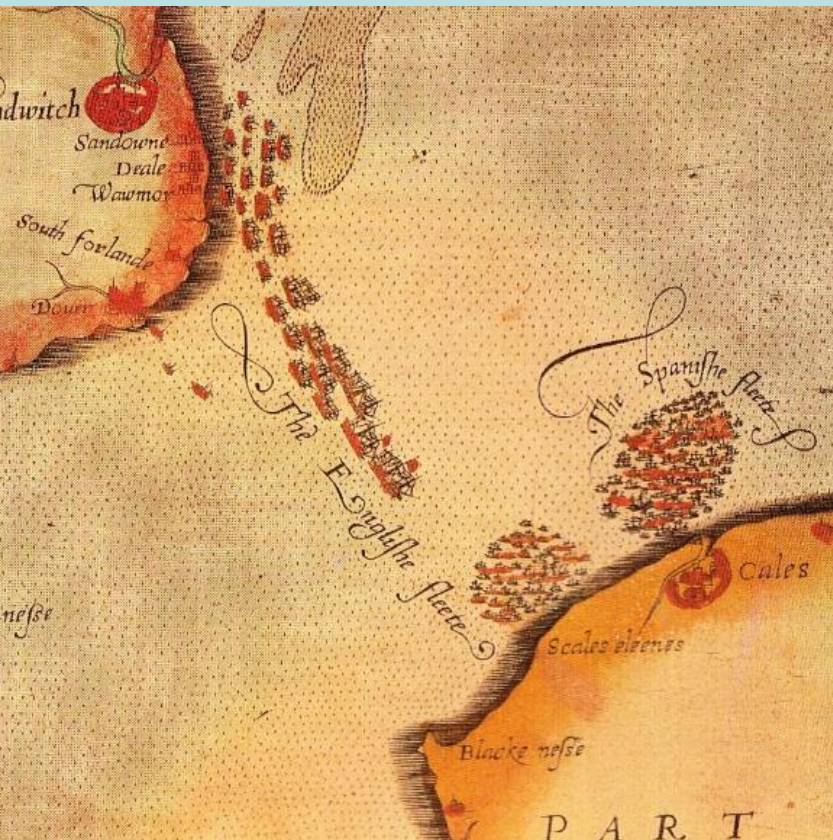
Muscovy, Eastland, French, Spanish,
Barbary, Levant Companies

EXPLORATION New World
circumnavigation 1577-80

WAR 1588 Spanish Armada



1588: 34 London merchant ships fought against Spanish Armada with *Merchant Royal*, *Toby* and *Hercules* from Levant Company



PORTS OF LONDON:

*changing river, port organisation,
rationale, topography, monetary system,
building fabric, shipping, commodities
exchanged, language
and location*



early & later Londinium

Mid-Saxon Lundenwic

Alfredian & Ethelredian harbours

C12th: beach market to merchant port

Chaucer's harbour

