



IDEAS-CWSC public lecture series

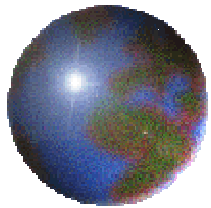
The Nuts and Bolts of Empire

Professor Paul Kennedy

Yale University

Professor Christopher Coker

LSE, Chair

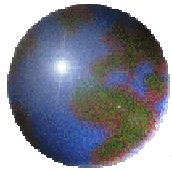


The Nuts and Bolts of Empire

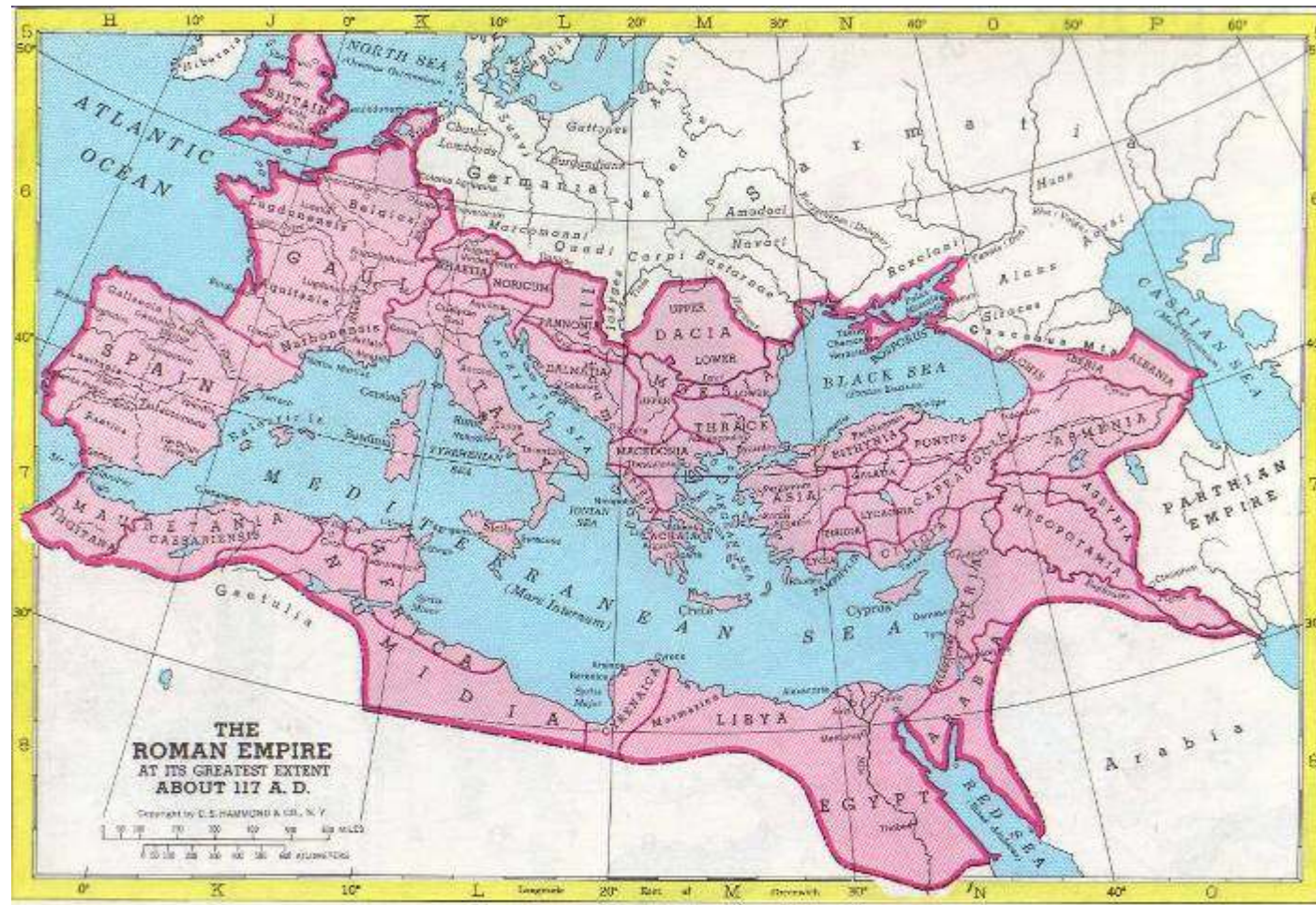
Professor Paul M. Kennedy

London School of Economics

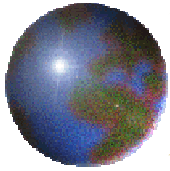
26 February 2008



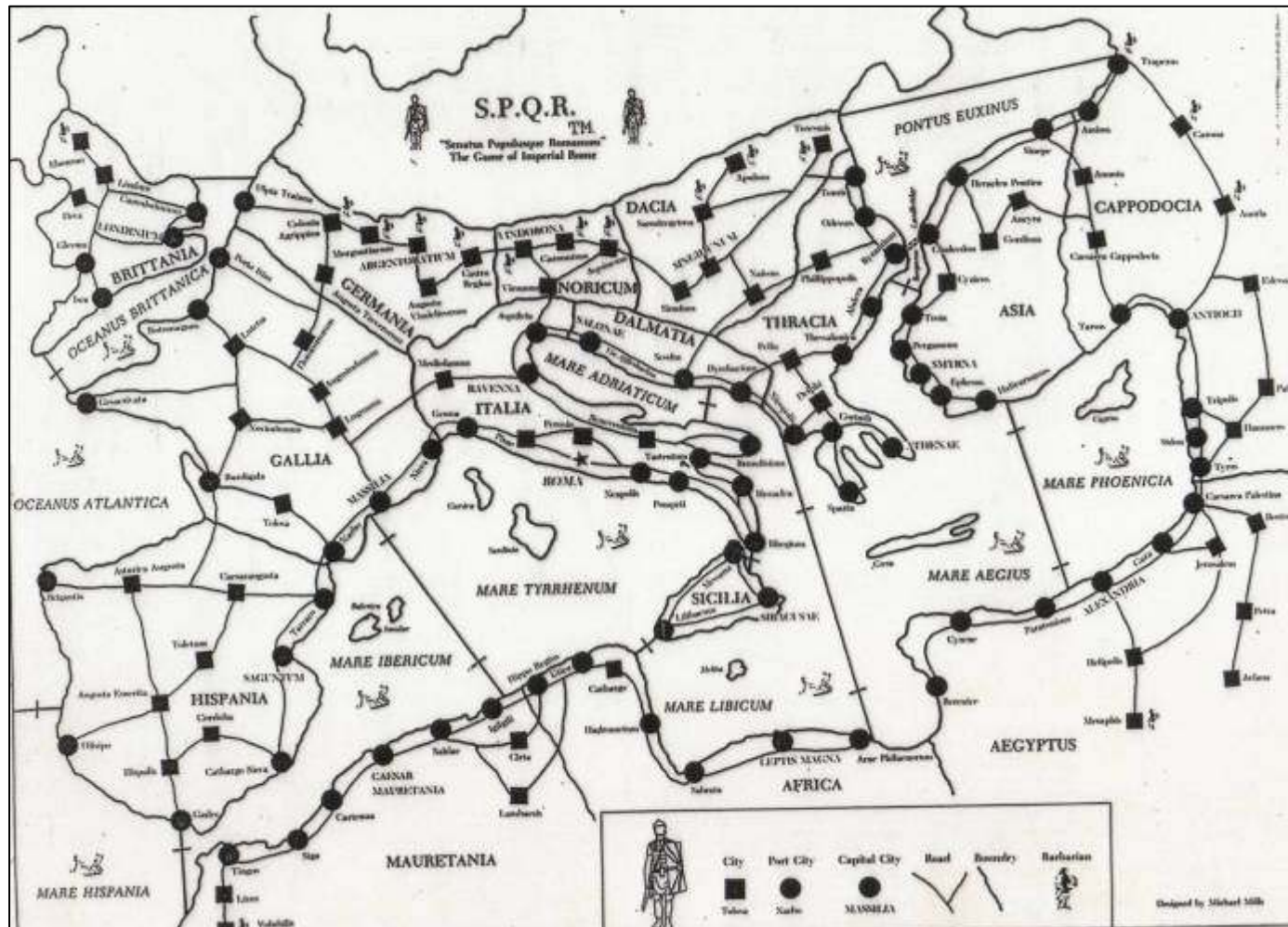
Roman Empire at its Height

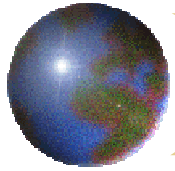


Source: Hammond Historical Atlas of the World, 1985.

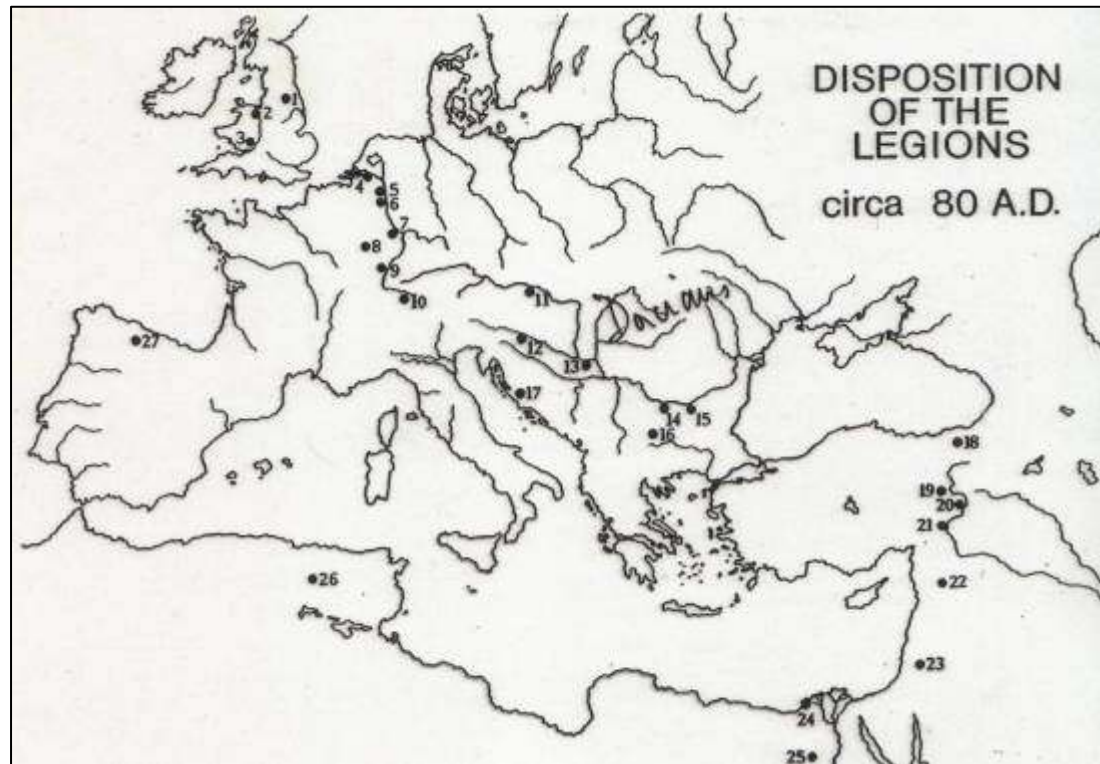


Pax Romana

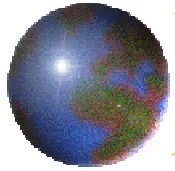




Where Are the Legions?

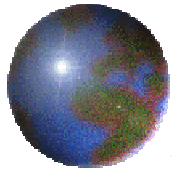


1. Legio IX Hispana at York.
2. Legiones XX Valeria and II Adiutrix at Chester
3. Legio II Augusta at Caerleon
4. Legiones XXII Primigenia and X Gemina at Nijmegen
5. Legio VI Victrix at Neuss
6. Legio XXI Rapax at Bonn
7. Legio XIV Gemina at Mainz
8. Legio I Adiutrix at or near Mainz
9. Legio VIII Augusta at Strasbourg
10. Legio XI Claudia at Windisch
11. Legio XV Apollinaris at Carnuntum
12. Legio XIII Gemina at Poetovio
13. Legio VII Claudia at Viminacium
14. Legio V Macedonica at Oescus
15. Legio I Italica at Novae
16. Legio V Alaudae on or near the Danube
17. Legio IV Flavia Firma at Burnum
18. Legio XVI Flavia Firma at Satala
19. Legio XII Fulminata at Melitene
20. Legio VI Ferrata at Samosata
21. Legio IV Sythica at Cyrrhus
22. Legio III Gallica at Danube near Damascus
23. Legio X Fretensis at Jerusalem
24. Legio XXII Deiotariana at Alexandria
25. Legio III Cyrenaica at Coptos near Luxor
26. Legio III Augusta at Ammedara near Tebessa
27. Legio VII Gemina at Leon

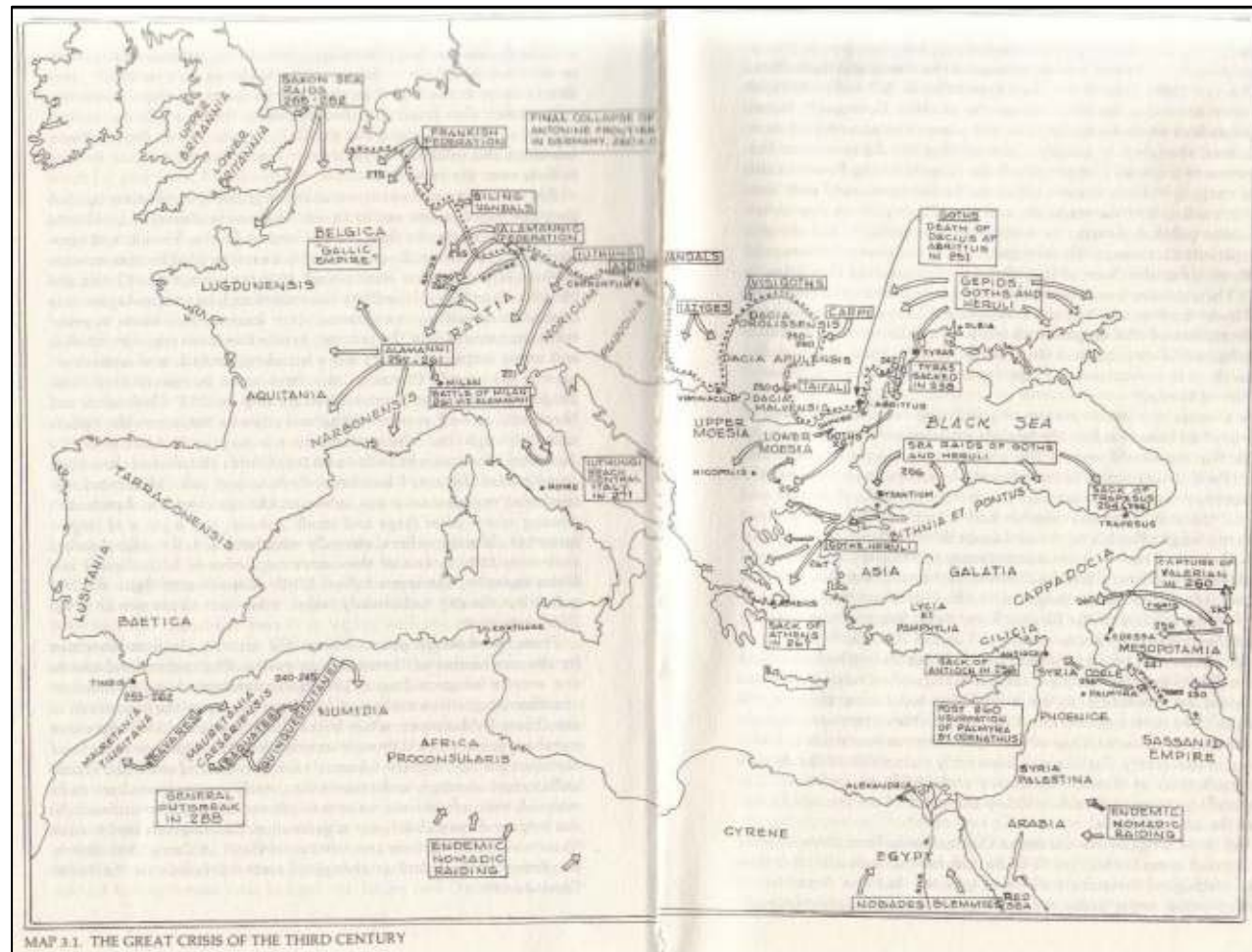


Trajan's Column: Legions in Action

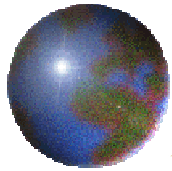




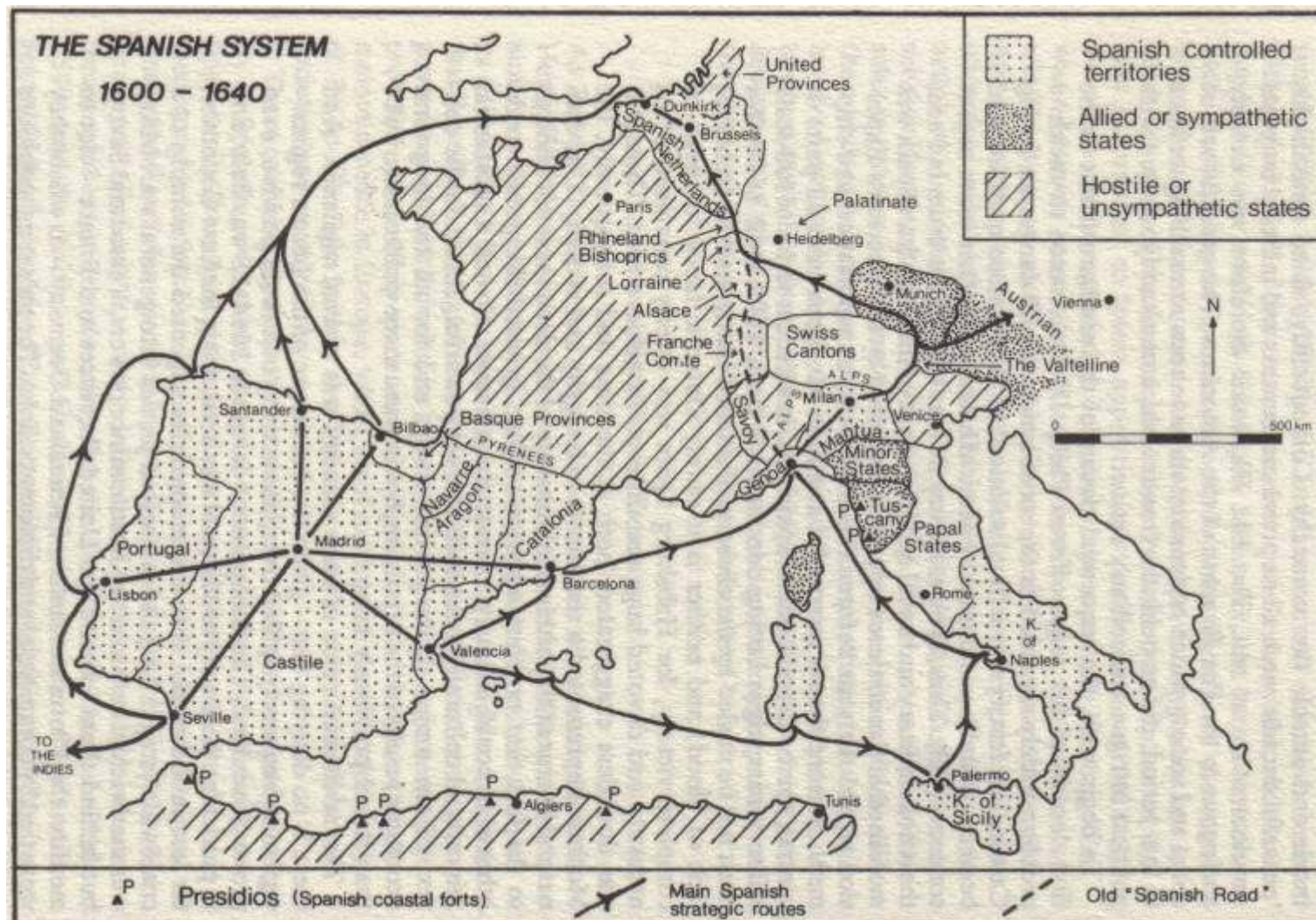
The Great Crisis of the Third Century



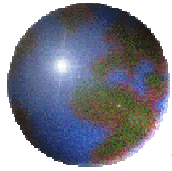
Source: Edward N. Luttwak, The Grand Strategy of the Roman Empire: From the First Century A.D. to the Third.



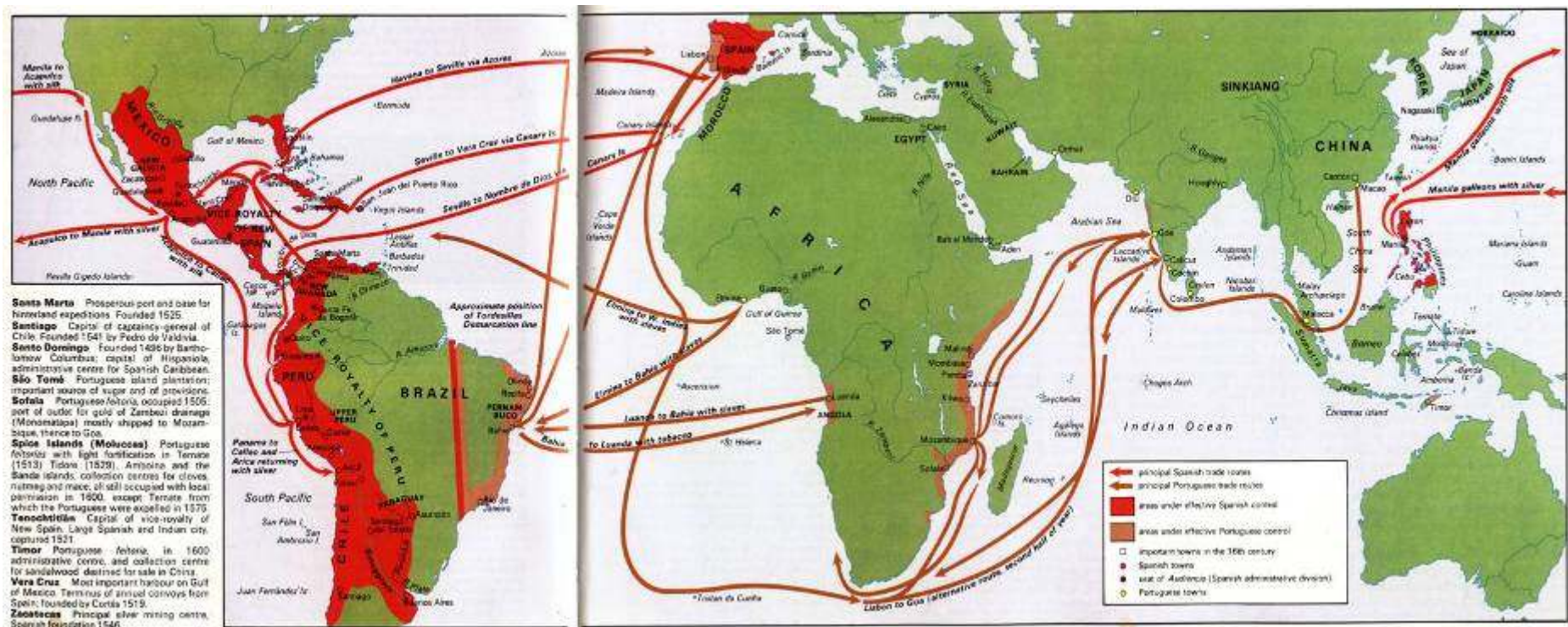
The Spanish Road



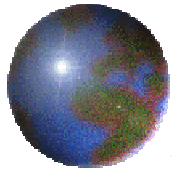
Source: R.A. Stradling, Europe and the Decline of Spain.



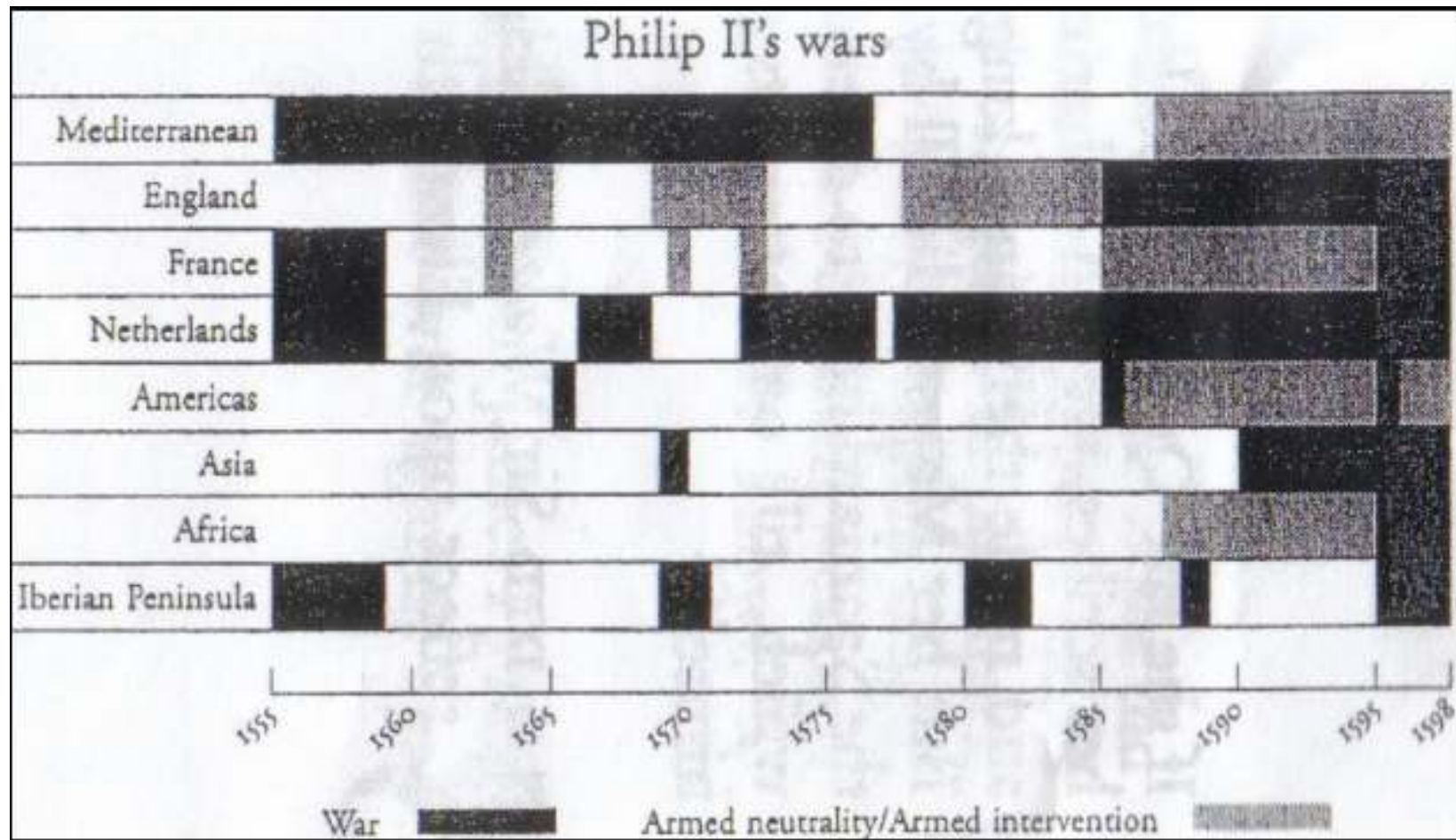
Networks in the Spanish Empire



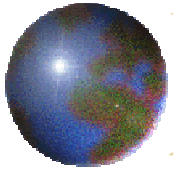
Source: The Times Atlas of World History.



Philip II's Wars



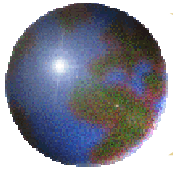
Source: Geoffrey Parker, The Grand Strategy of Philip II.



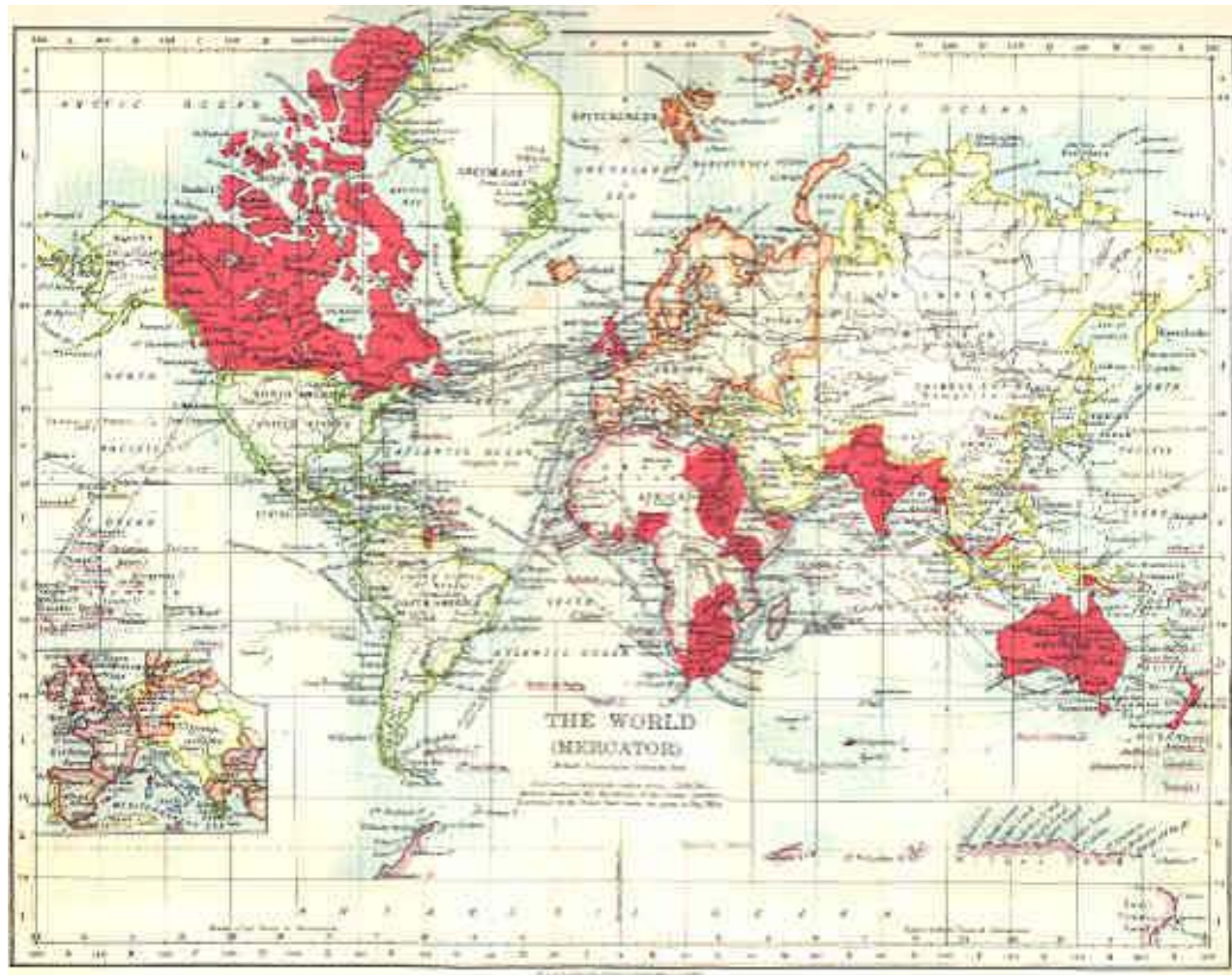
The Spanish Collapse

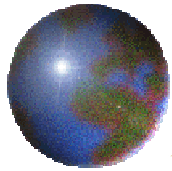


Source: Paul Kennedy, The Rise and Fall of the Great Powers.

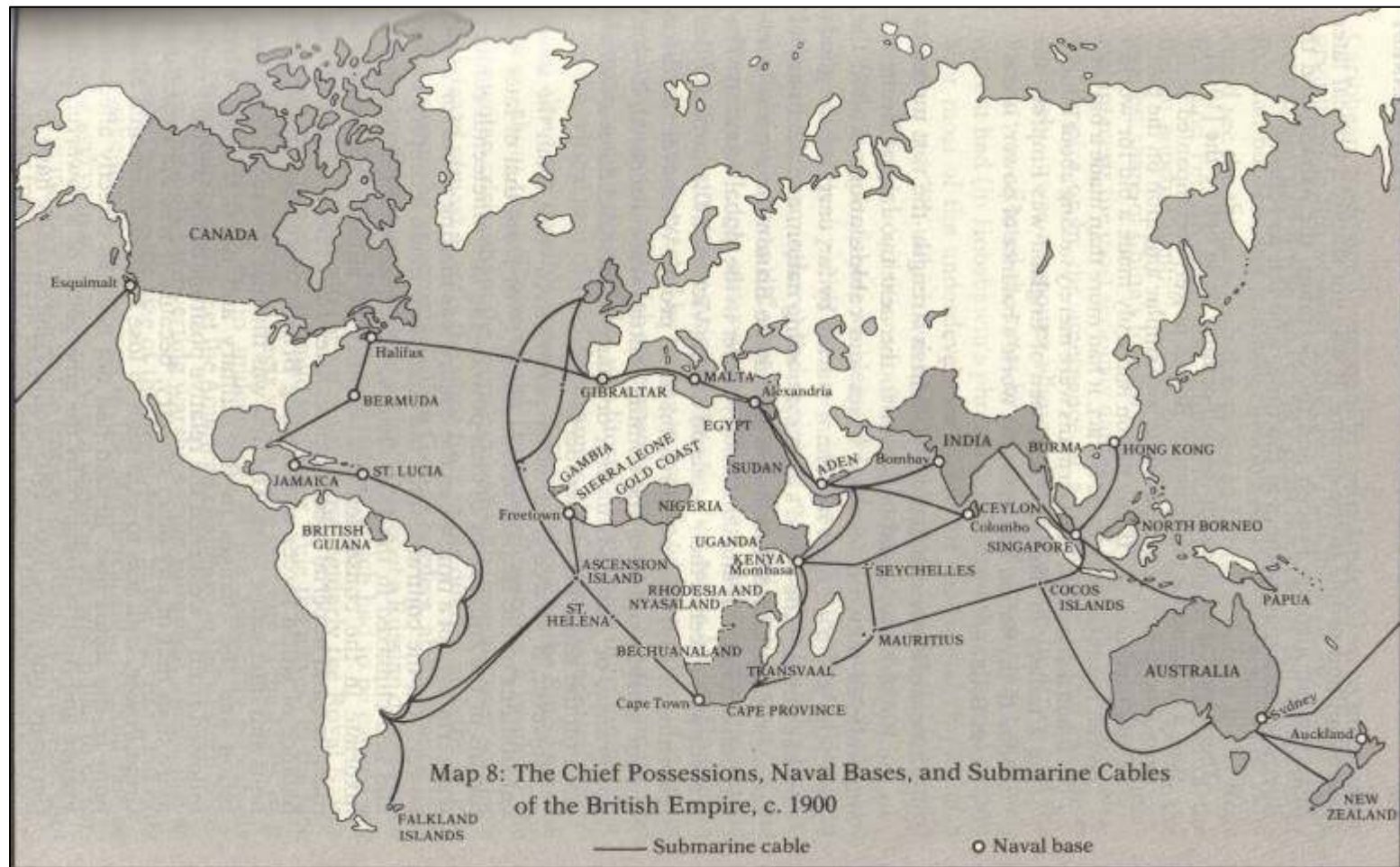


The British Empire, 1897

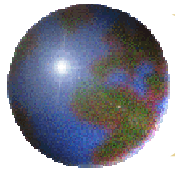




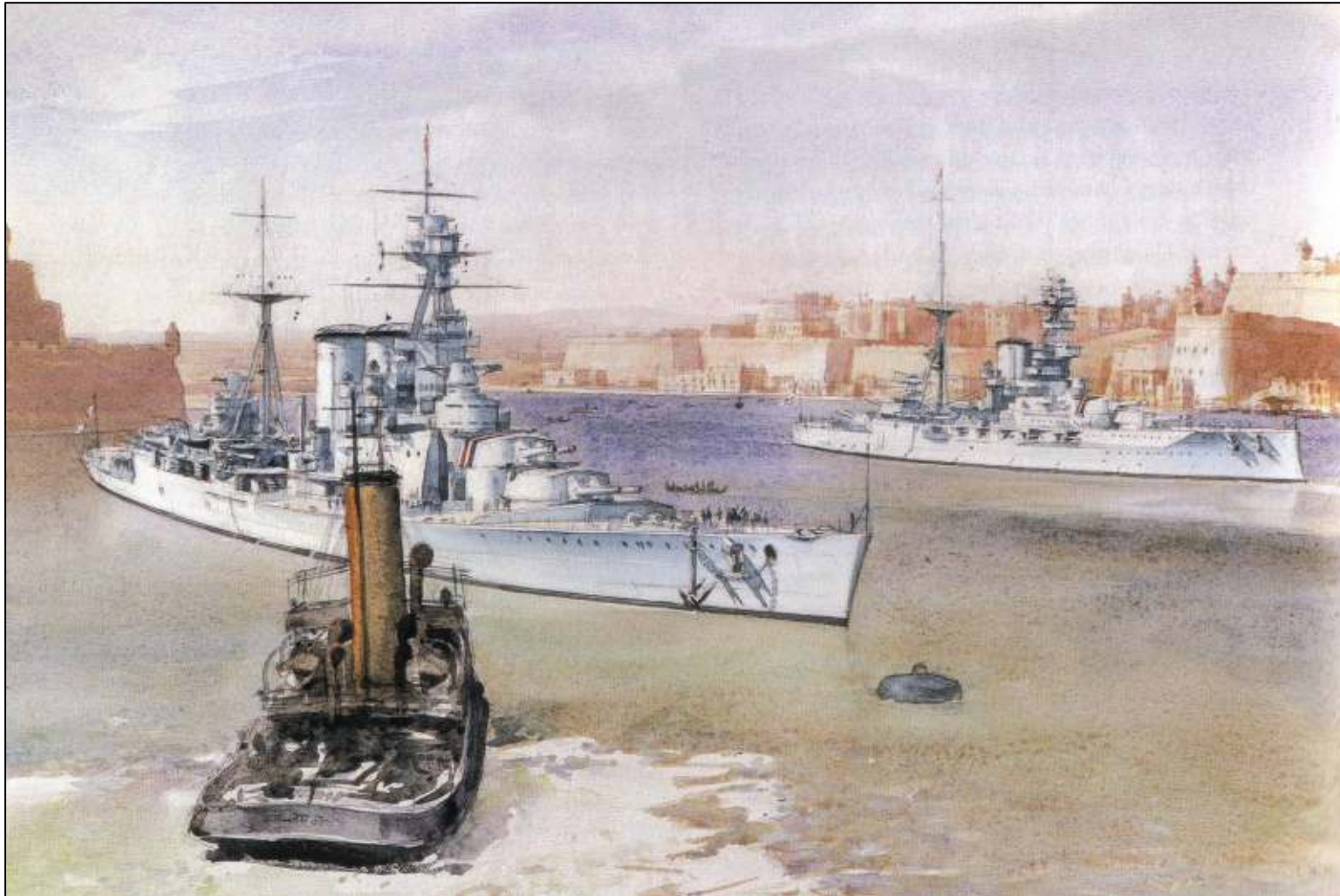
British Imperial Cable Communications, 1900



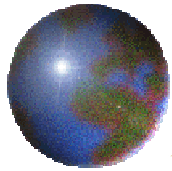
Source: Paul Kennedy, The Rise and Fall of the Great Powers



The Royal Navy in Malta

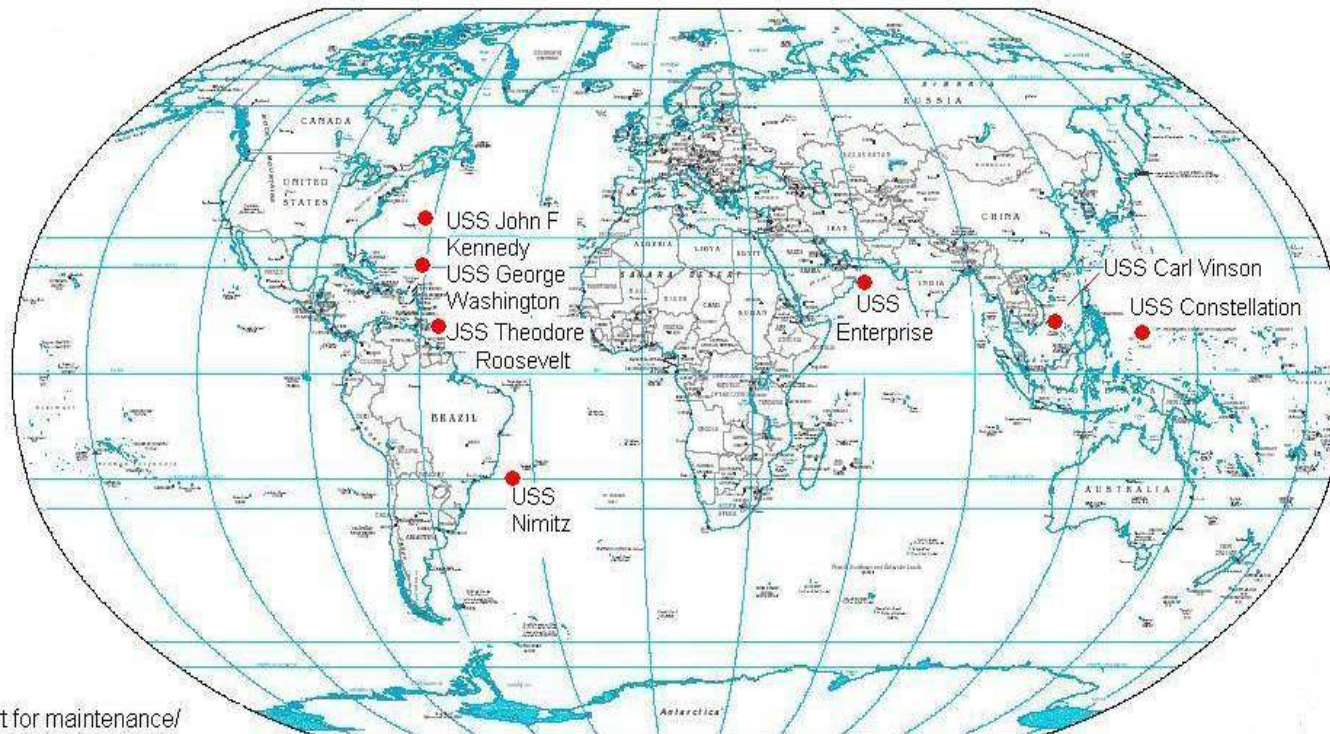


Source: Ian Marshall, Armored Ships



Disposition of US Carriers

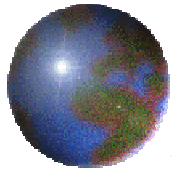
September 1, 2001



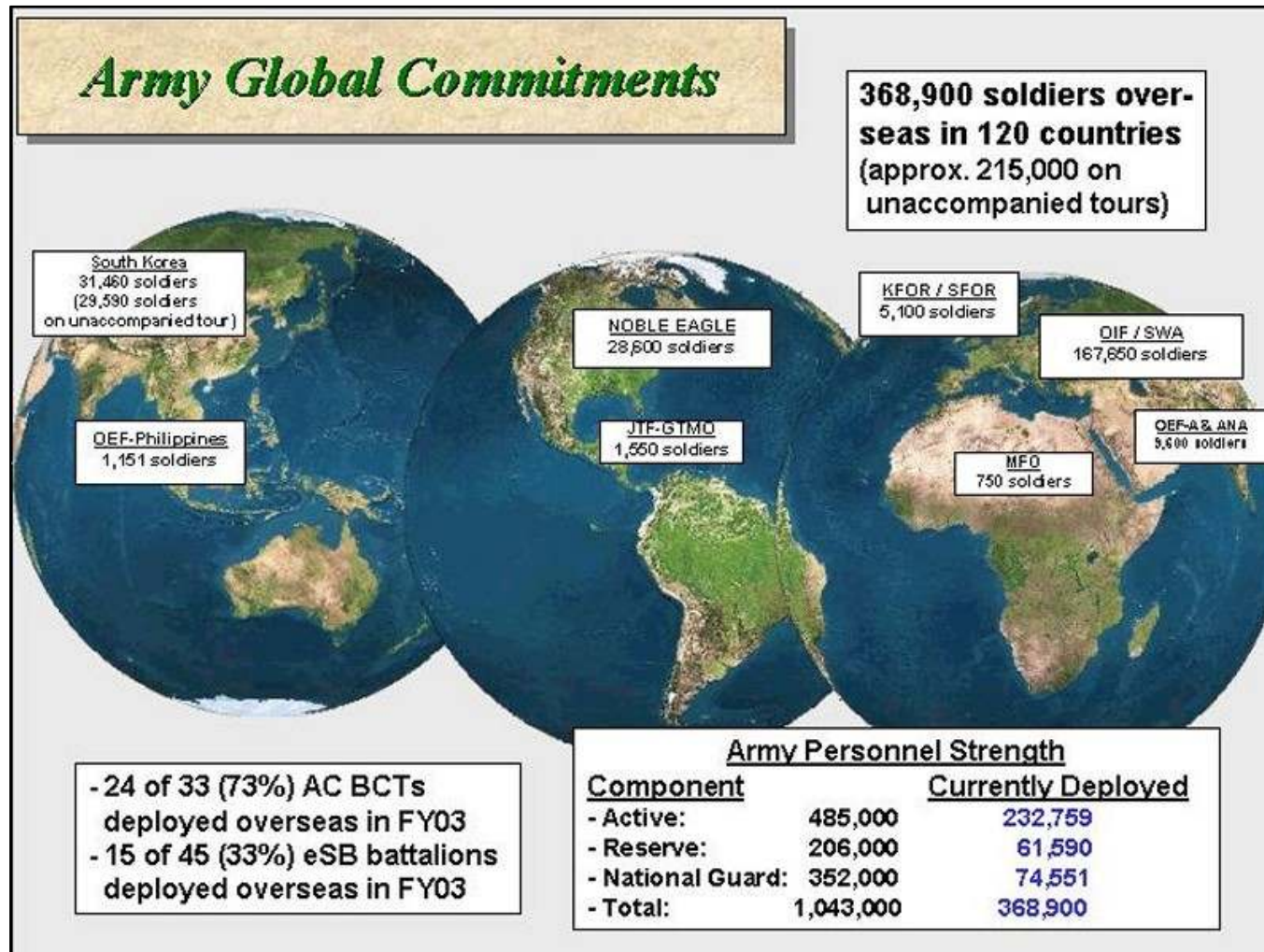
In port for maintenance/
Fleet Week exercises

USS Kitty Hawk
USS Dwight D. Eisenhower
USS Abraham Lincoln
USS John C. Stennis

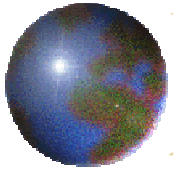
USS Harry S. Truman
USS Ronald Reagan (commissioning 2002)



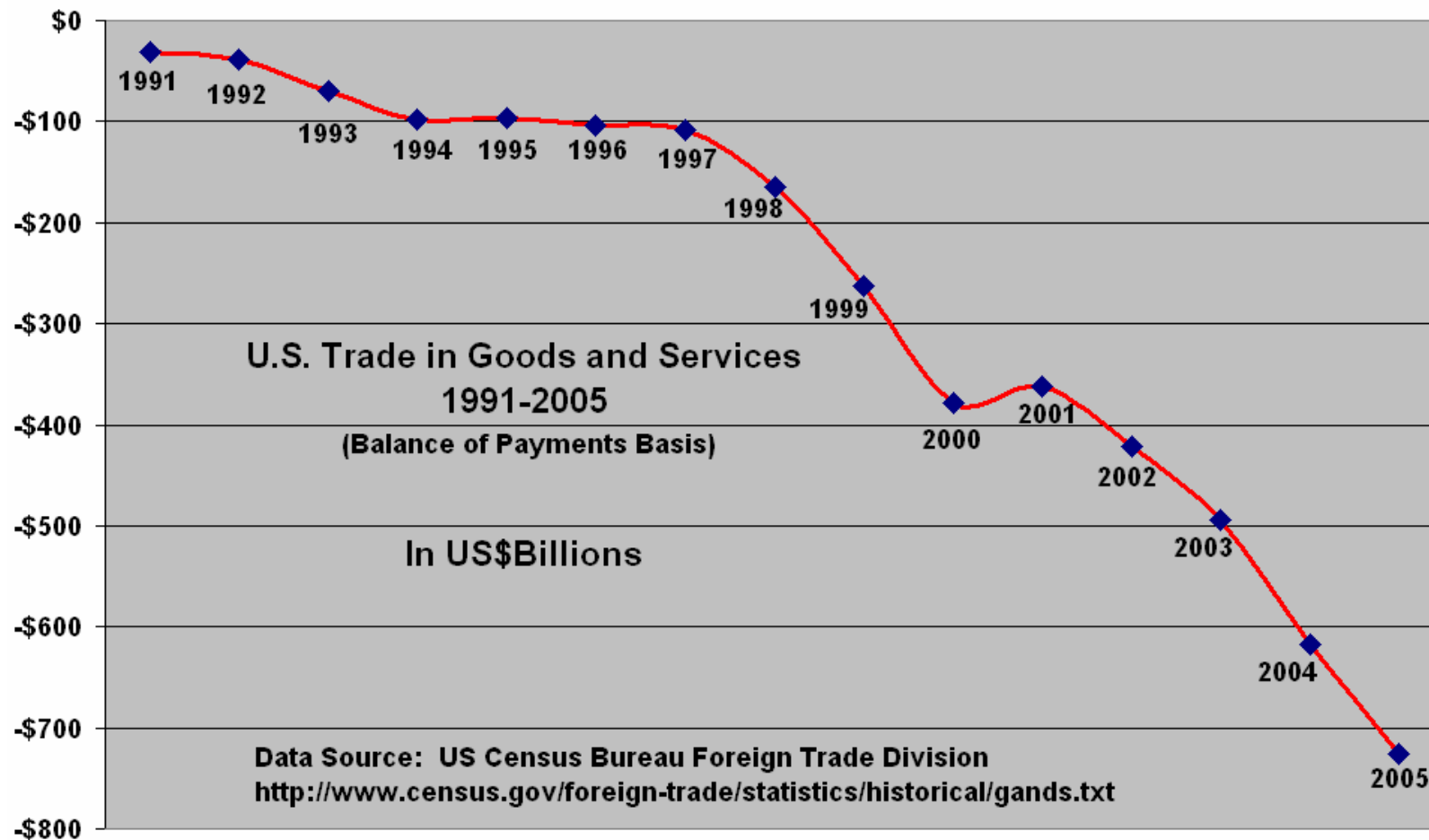
Where are the Legions? Redux



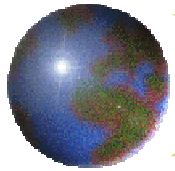
Source: GlobalSecurity.org



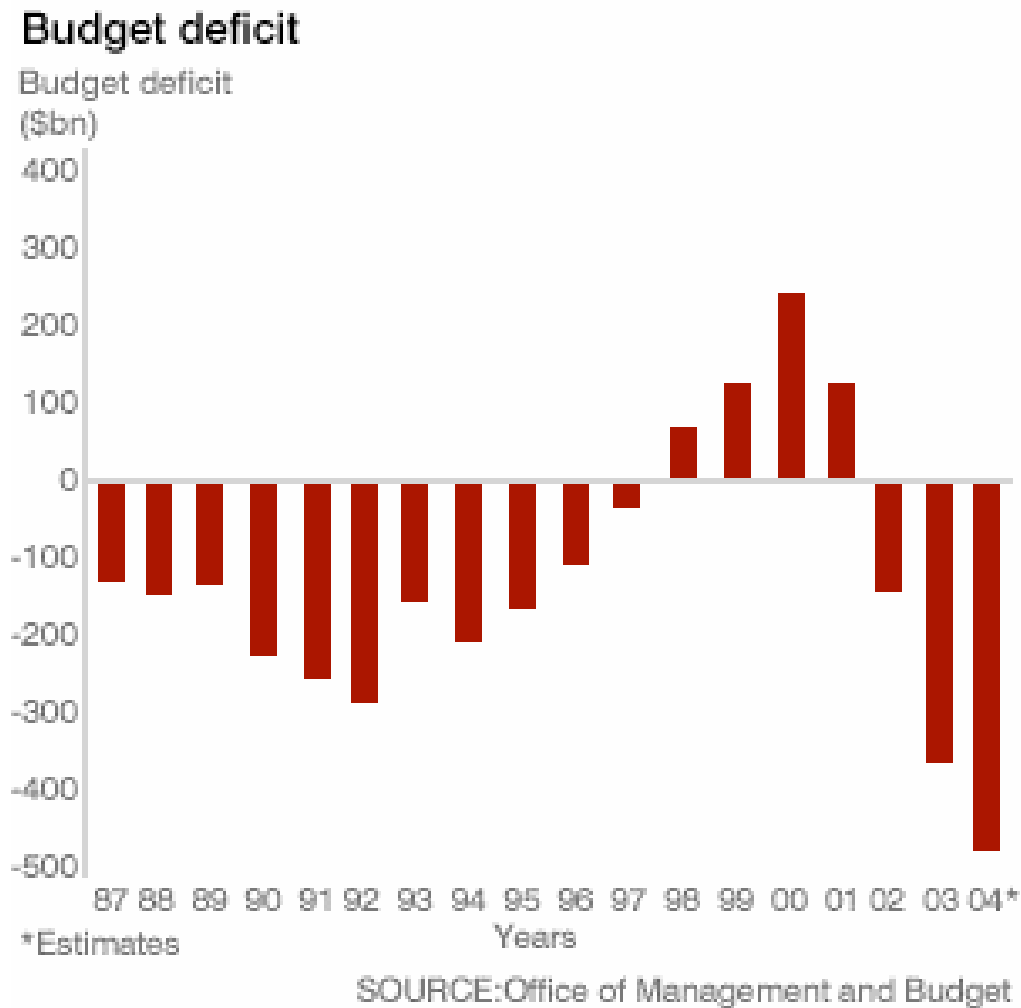
U.S. Trade Deficits. 1991 – 2005

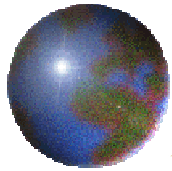


Source: US Census Bureau, Foreign Trade Division



U.S. Federal Budget Deficits, 1987 – 2004

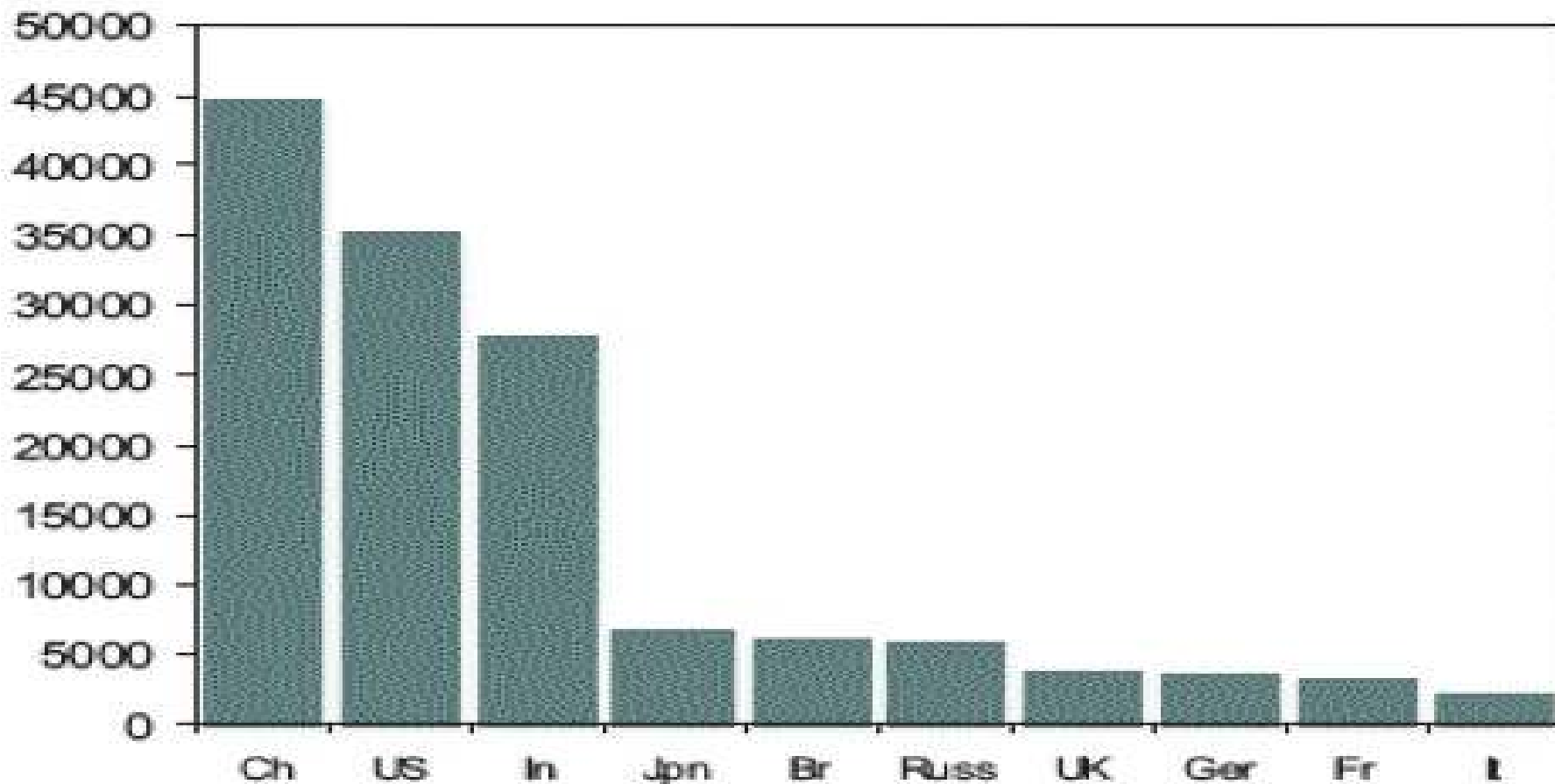




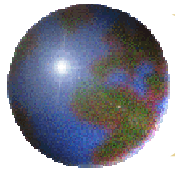
Watch Out for the BRICs

GDP
(2003 US\$bn)

The Largest Economies in 2050

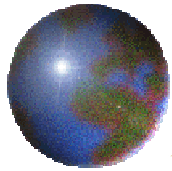


GS BRICs Model Projections. See text for details and assumptions.



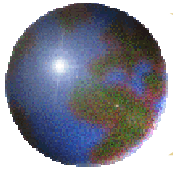
Asymmetrical Warfare



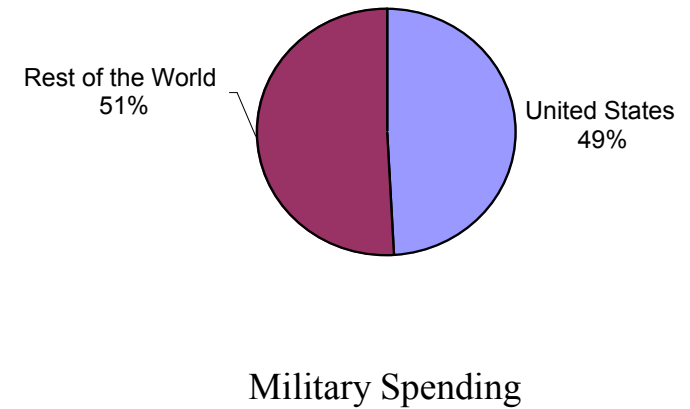
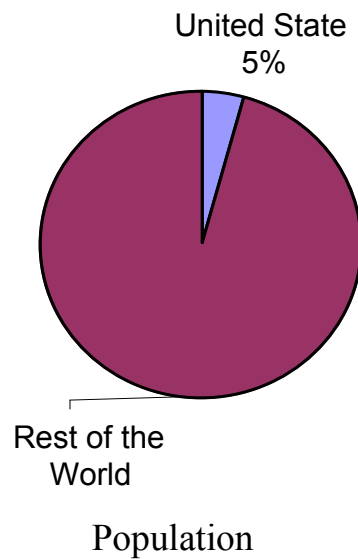


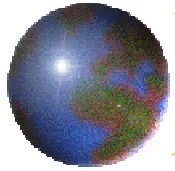
How China Would Fight the US?





US vs. The World: A Comparison





Question and Answer Period