

A close-up photograph of a single, ripe red apple. The apple's surface is covered in numerous small, clear water droplets, giving it a fresh and glistening appearance. The apple is positioned centrally in the frame against a plain, light-colored background. The lighting is soft, highlighting the texture of the apple's skin and the individual droplets.

# Food Technology



## **Achievement...**

This the Elise Randall Trophy was awarded to St Peter Port School Pupil Leonie Short for a high level of Achievement in Food Technology GCSE

## **...and Reward.**

Monies won from this local family trust enabled the Food Technology Department to purchase a high quality Sony Mavica digital camera.



# St Peter Port School Benefits from Cake Decorating Software

Deco Design differs from other software as it is designed to be used in a classroom setting. It is a computer aided design and manufacture software provided by Deco Enterprises. On this occasion we were able to photograph our Russian friends with our new digital camera then create a piece of edible art to decorate their cake. The software allows us to create picture cakes, using a range of edible icing sheets, sometimes referred to as frosting sheets, printed on a dedicated printer with edible inks.

# St Peter Port School Benefits from Video Conferencing



They will vary St Peter Port's most popular designs in  
Stockton food dishes available for sale following an educational  
video conference shopping centre. They've looked at large  
Also Video Conferencing has given staff many possibilities to  
shopping malls close to Stockton and ethnic food patterns  
The initiative gave Food Technology students the opportunity  
and manufacture, practice and develop and exchange ideas in  
to compare shopping and food cultures.  
an interactive manner.

# DATA

THE DESIGN AND TECHNOLOGY ASSOCIATION

## Category 3 LEADERSHIP

This award is for subject leadership in school. It covers all phases and will seek to award those who have made a significant contribution over a period of time in developing Design and Technology in their school and have established high standards of performance from pupils in their care.



**DATA**

**Award Winner**

**2005**



**Andrea Phillips**

Head of Food Technology

**DATA Leadership**

**Award Winner**

**2005**

**More online at....**[http://web.data.org.uk/data/about\\_us/data\\_awards.php](http://web.data.org.uk/data/about_us/data_awards.php)

A collection of laboratory glassware including a flask with red liquid, a beaker with blue liquid, a test tube with yellow liquid, a flask with green liquid, and a beaker with orange liquid and a white pipette.

# Science

The Following Two Short Powerpoint Presentations  
were created by  
St Peter Port Students

# SMOKING



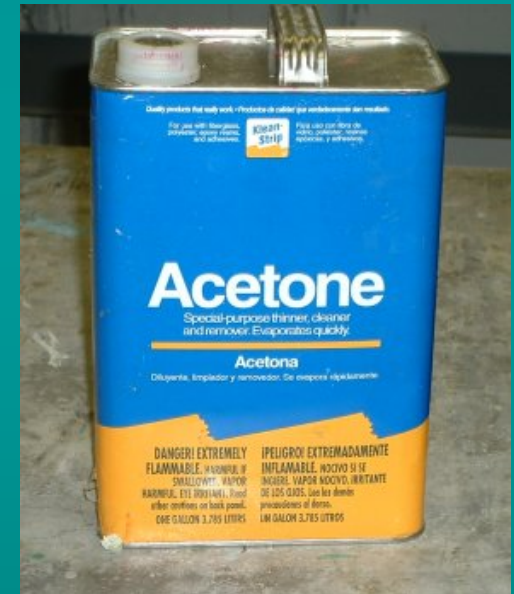
# SMOKING & IT'S AFFECTS AROUND THE WORLD



- Worldwide, between 80,000 and 100,000 kids start smoking *every day*. Approximately one quarter of children alive in the Western Pacific Region\* will die from smoking.

# CHEMICALS

- Did you know that there are about 4,000 chemicals in tobacco smoke?
- Acetone is widely used as a solvent, for example in nail polish remover. Ammonia is found in cleaning fluids. All of these and thousands more are found in Cigarettes.



# THE AFFECTS OF SMOKING ON THE BODY



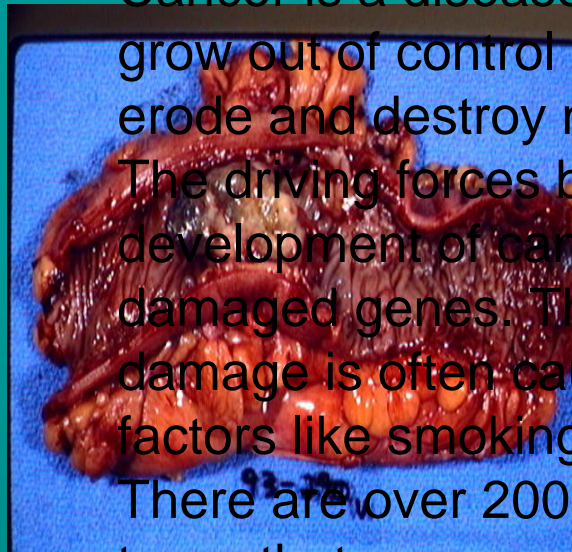
**Lung Cancer**

This is what could happen to YOU if you smoke!



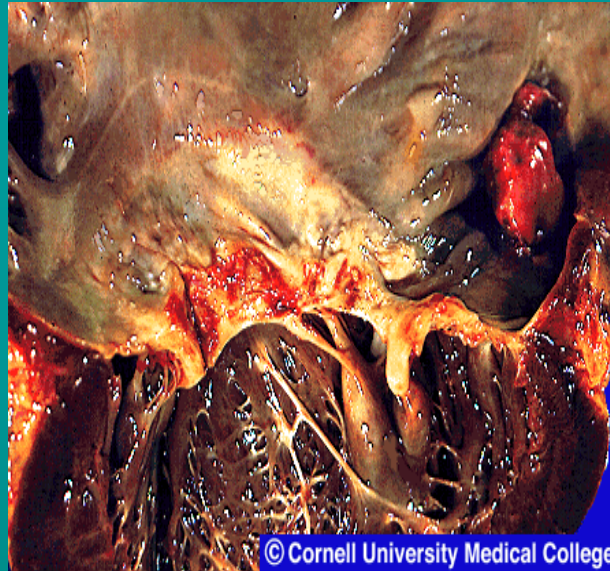
**Acid Reflux**

# CANCER



Cancer is a disease where cells grow out of control and invade, erode and destroy normal tissue. The driving forces behind the development of cancer are damaged genes. The gene damage is often caused by factors like smoking. There are over 200 different types that can occur anywhere in the body.

# HEART DISEASE



...e what  
...our  
...moke.  
...s die  
...tacks.



# INVENTIONS

BY MICHAEL WADE

# Kevlar

Kevlar (poly[pphenyleneterephtalamide]) is a polymer fibre that is five times stronger than the same weight of steel. Kevlar is used in bullet-proof vests, helmets, trampolines, tennis rackets, and many other commonly-used objects. Kevlar was invented by Stephanie Louise Kwolek and was first marketed by Dupont in 1971.



# Radar

The first practical radar system was invented in 1935 by the Scottish physicist Sir Robert Alexander Watson-Watt (April 13, 1892-December 5, 1973). He developed radar to help track storms in order to keep aircraft safe. His invention eventually helped the allies win World War 2 against the Germans. Radar is short for Radio Detection And Ranging. Radar is used to locate distant objects by sending out radio waves and analyzing the echoes that return. Radar can determine where a distant object is, how big it is, what shape it has, how fast it's moving and in which direction it's going. Radar is now used to watch developing weather patterns, to monitor air traffic, to track ships at sea, and to detect missiles



# POTATO CHIPS

The potato chip was invented in 1853 by George Crum. Crum was a Native American/African American chef at the Moon Lake Lodge resort in Saratoga Springs, New York, USA. French fries were popular at the restaurant and one day a diner complained that the fries were too thick. Although Crum made a thinner batch, the customer was still unsatisfied. Crum finally made fries that were too thin to eat with a fork, hoping to annoy the extremely fussy customer. The customer, surprisingly enough, was happy - and potato chips were invented!





# Media Studies

Yr 10 Photoshop Work

# Kelson Seepaul



'I added the stars and the moon because I wondered what school looked like at night.'

Yr 10 Photoshop Work

# Kelson Seepaul



'I darkened the sky and added the lightning to make the image more dramatic.'

Yr 10 Photoshop Work

# Emma Carre



'I desaturated the image to make it black & white, I think it is more atmospheric'

Yr 10 Photoshop Work

# Emma Carre



'I de-saturated the image to make in black & white, I think it is more atmospheric'

Yr 10 Photoshop Work

# Layla Williams



'I used the clone tool to create grass around the sculpture, it looks more tidy!'

Yr 10 Photoshop Work

# Sam de Carteret



'I used the clone tool to remove the sport facilities and see how big the field is without them '

Yr 10 Photoshop Work

# Matthew Dudley



I have decided to take this photo because my school is due to close in 2008.... I would like our school to finish with a flourish!

Yr 10 Photoshop Work

# Humanities



An example of a presentation used in assembly yesterday and in classes today.

Who is this?



21<sup>st</sup> October 1805

# Background

- Britain was at war with France and Spain
- Napoleon wanted to invade Britain and had 60,000 troops massed at Calais
- He needed to destroy or distract the British Navy to enable his army to cross the channel
- The British fleet had blockaded the Spanish port of Cadiz, where the majority of the French and Spanish ships were at port
- The French Emperor ordered the Allied fleet to sail out to distract Nelson and his ships by sailing to the West Indies



Cape St. Vincent

The Combined Fleet

**Cadiz**

The Frigates

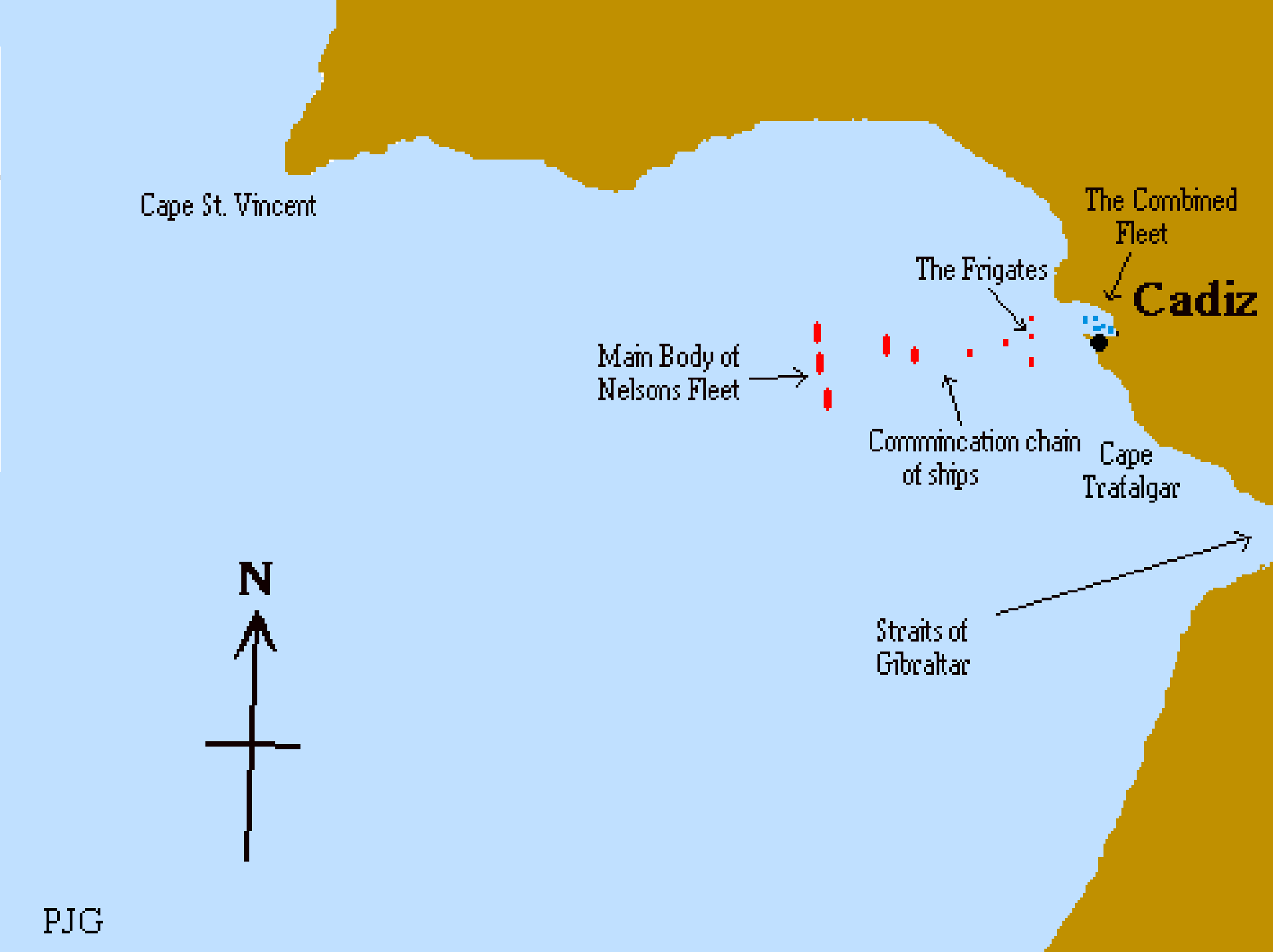
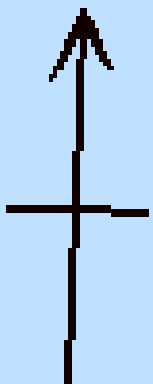
Main Body of Nelsons Fleet

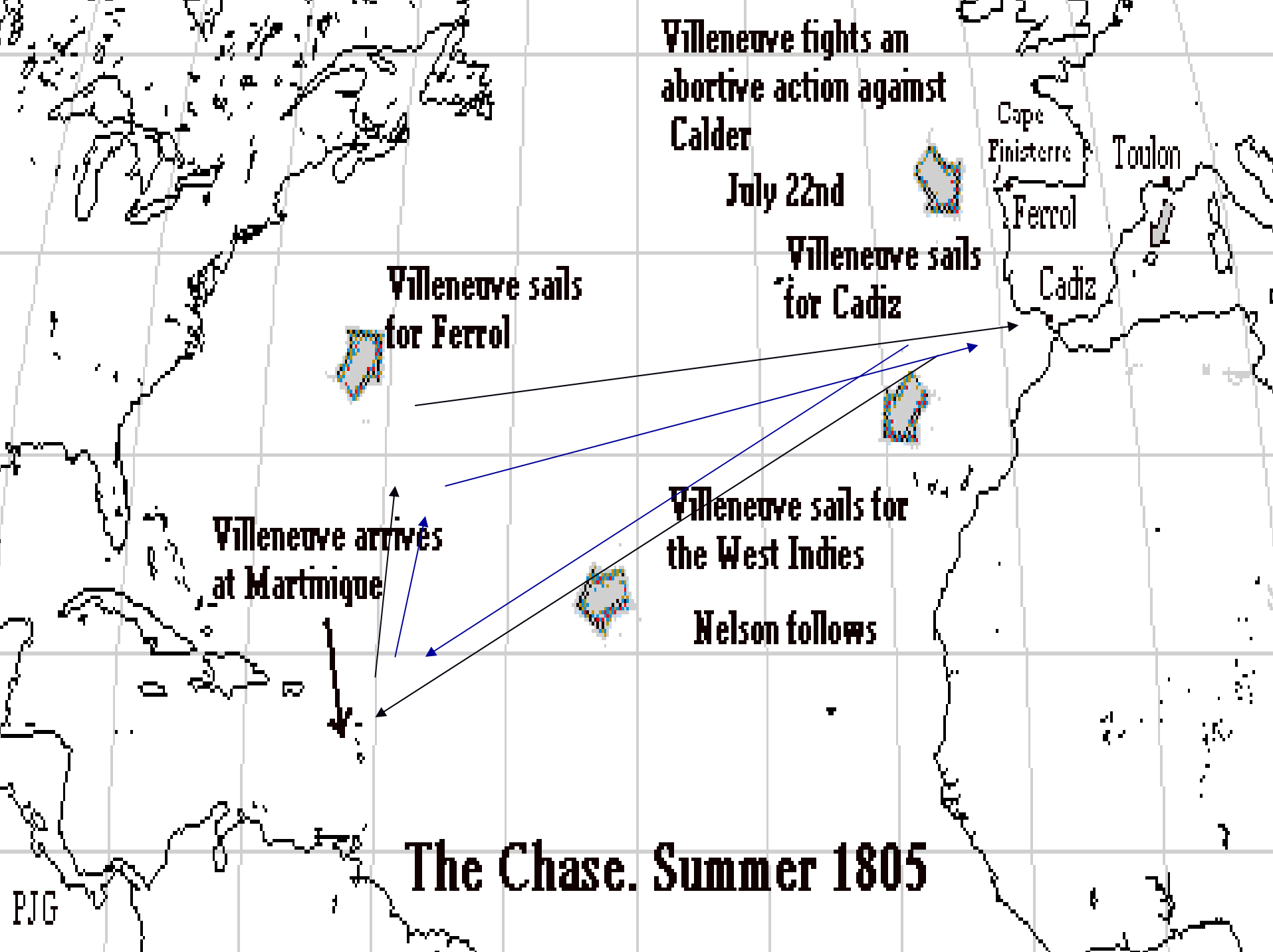
Communication chain of ships

Cape Trafalgar

Staits of Gibraltar

N





Villeneuve fights an abortive action against Calder

July 22nd

Villeneuve sails for Ferrol

Villeneuve sails for Cadiz

Villeneuve arrives at Martinique

Villeneuve sails for the West Indies

Nelson follows

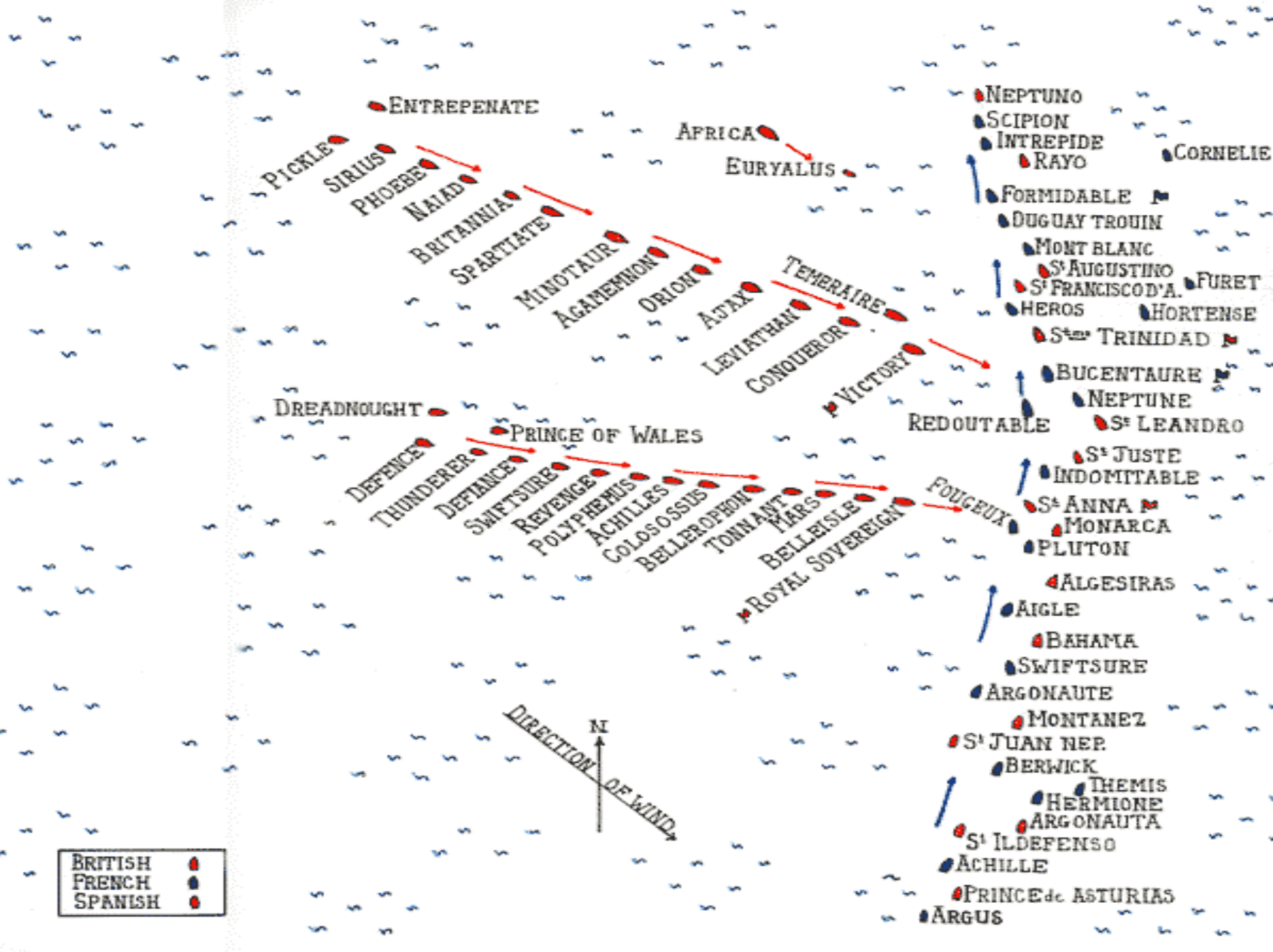
# The Chase. Summer 1805

200th Anniversary of the Battle of Trafalgar Omnibus



# October 20<sup>th</sup> 1805

- Nelson and his fleet wait outside the port of Cadiz
- Napoleon orders Villeneuve to engage the British fleet
- If Villeneuve refused he would be removed as Admiral of the French fleet
- Villeneuve had more ships at Cadiz than the British
- On the morning of 21<sup>st</sup> October 1805 the combined allied fleet set sail to engage the British Fleet
  
- British fleet  
27 Ships of the line 4 Frigates  
and 2 other ships
  
- Spanish French fleet  
18 French ships of the line  
8 others, 15 Spanish ships



ENTREPENATE

AFRICA

NEPTUNO

SCIPION

INTREPIDE

RAYO

CORNELIE

PICKLE

SIRIUS

PHOEBE

NAIAD

BRITANNIA

SPARTIATE

MINOTAUR

AGAMEMNON

ORION

ATAJ

TEMERAIRE

LEVIATHAN

CONQUEROR

VICTORY

FORMIDABLE

DUGUAY TROUIN

MONT BLANC

S<sup>t</sup> AUGUSTINO

S<sup>t</sup> FRANCISCO D'A.

HEROS

FURET

HORTENSE

S<sup>te</sup> TRINIDAD

BUCENTAURE

NEPTUNE

REDOUTABLE

S<sup>t</sup> LEANDRO

DREADNOUGHT

PRINCE OF WALES

DEFENCE

THUNDERER

DEFIANCE

SWIFTSURE

REVENGE

POLYPHEMUS

ACHILLES

COLOSOSUS

BELLEROPHON

TONNANT

MARS

BELLEISLE

ROYAL SOVEREIGN

FOUGEUX

S<sup>t</sup> JUSTE

INDOMITABLE

S<sup>te</sup> ANNA

MONARCA

PLUTON

ALGESIRAS

AIGLE

BAHAMA

SWIFTSURE

ARGONAUTE

MONTANEZ

S<sup>t</sup> JUAN NEP.

BERWICK

THEMIS

HERMIONE

ARGONAUTA

S<sup>t</sup> ILDEFENSO

ACHILLE

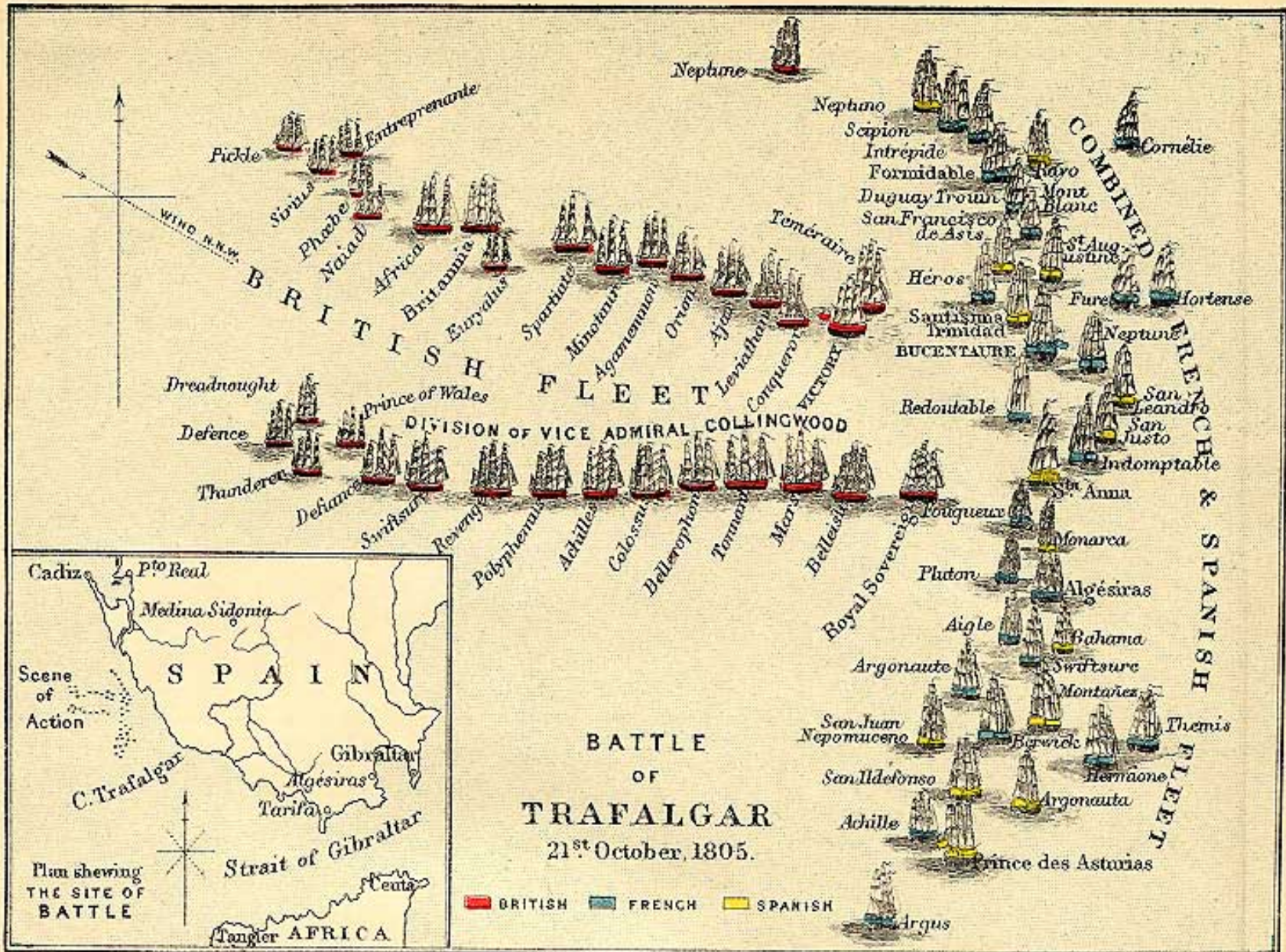
PRINCE de ASTURIAS

ARGUS

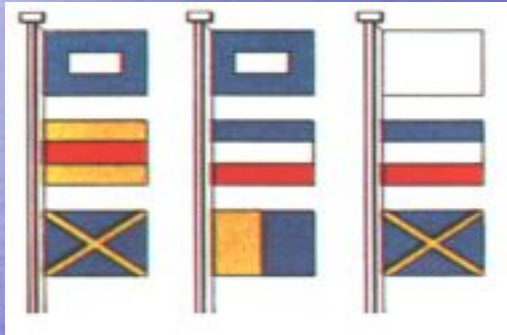
N

DIRECTION OF WIND

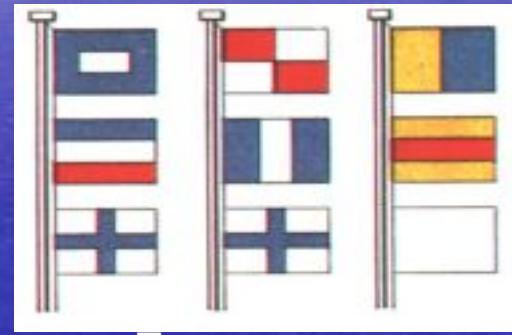
BRITISH  
FRENCH  
SPANISH



# Nelson signals the fleet



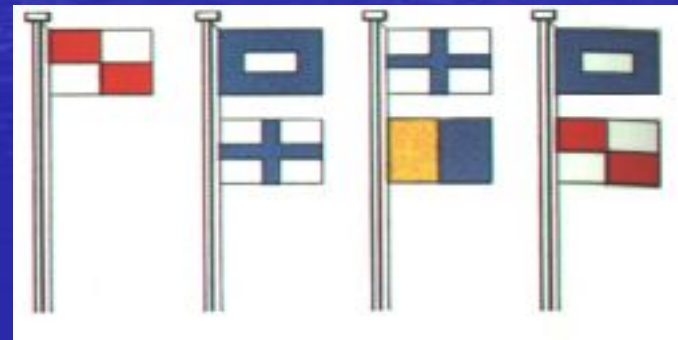
England expects that



Every man

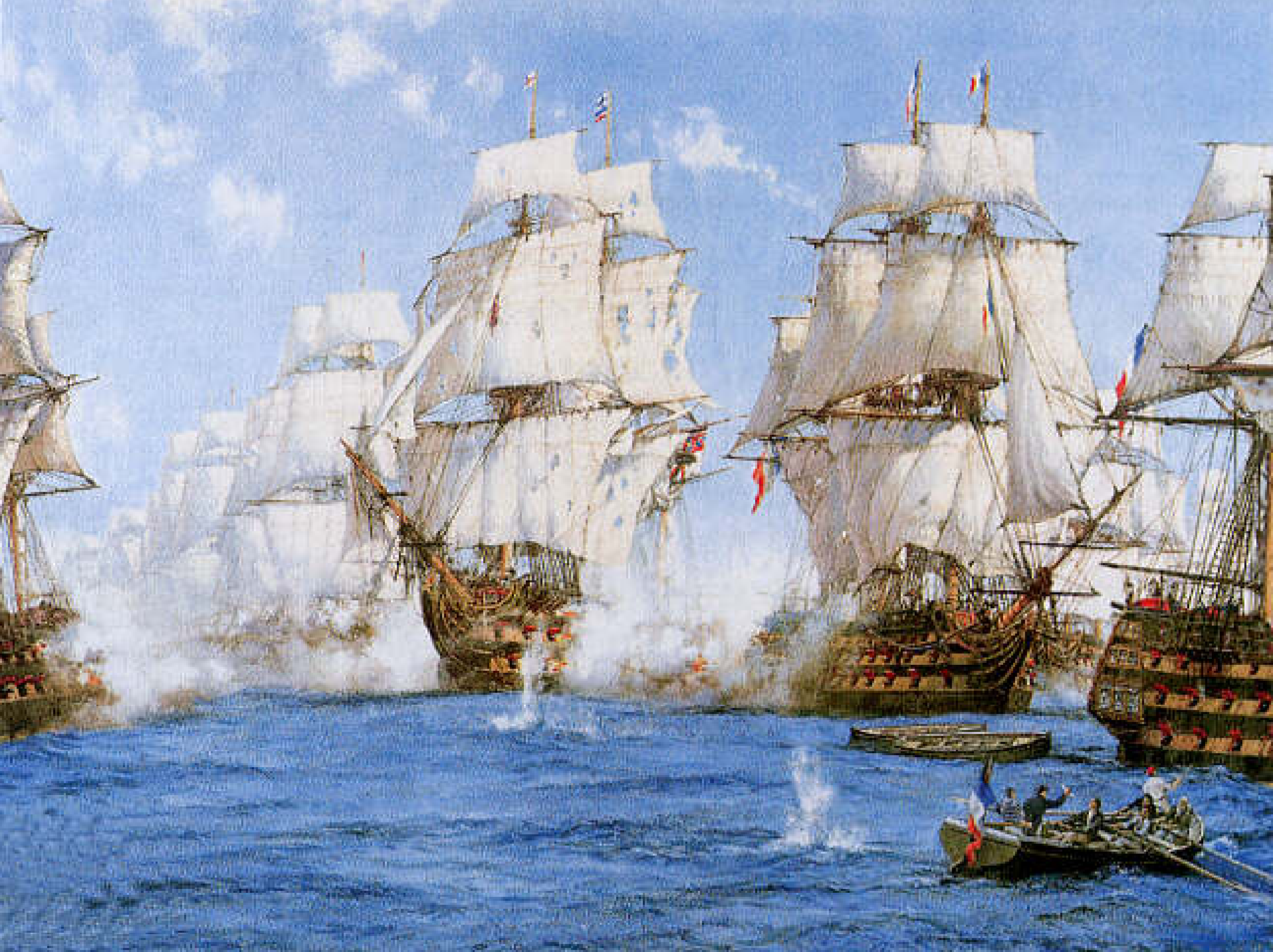


will do his



DUTY





# Gun deck on HMS Victory





Nelson is informed that the battle has been won

He insists that the surgeon treats other Men. He will not recover

His last words  
“Thank God I gave done my Duty”  
“Kiss me Hardy”



# THE TIMES

For 7th NOVEMBER 1805

## BATTLE OF TRAFALGAR

CAPTURE OF  
FRENCH AND  
SPANISH FLEETS

DEATH OF NELSON  
List of Killed and Wounded

# Cost of the Battle

- British sailors lost 449 killed  
1,241 wounded
- However the Navy lost no ships
- French and Spanish losses were in excess of 3,000 sailors dead or wounded and their fleet all but destroyed, 22 ships sunk

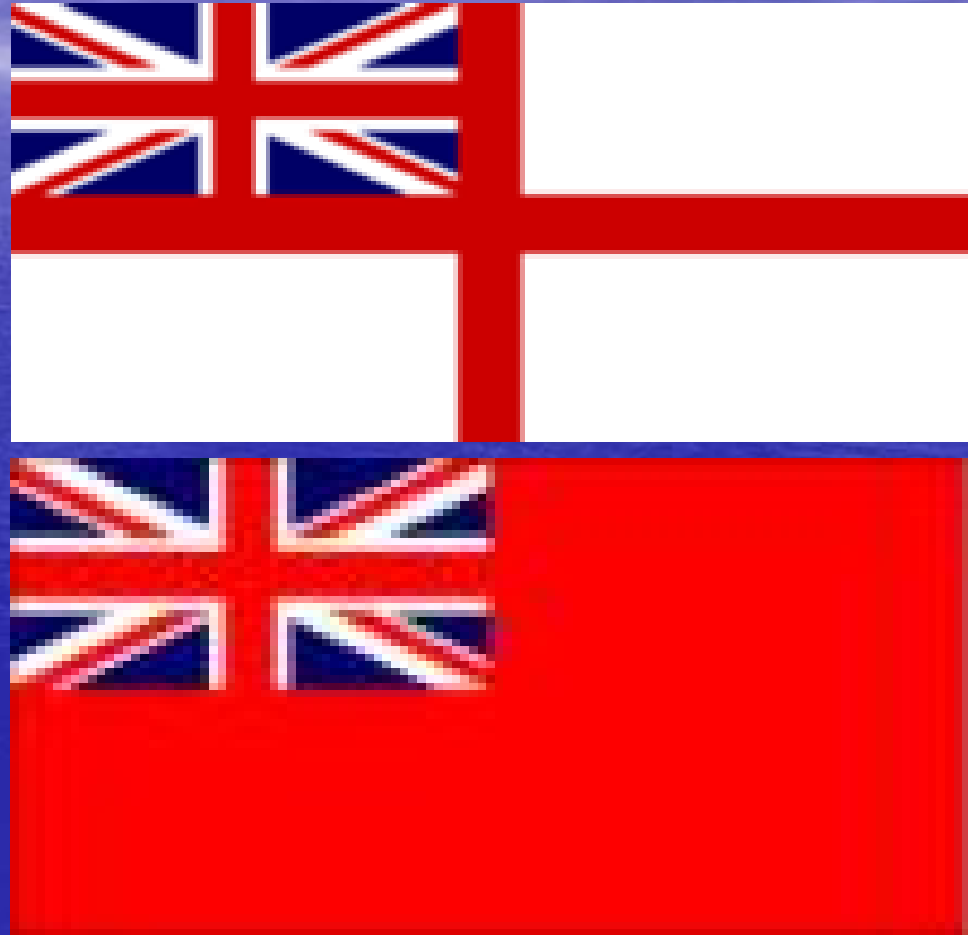
# Nelson the Heroic Admiral

- Nelsons body was preserved in a barrel of Brandy
- He was given a state funeral
- His actions had saved Britain from invasion
- Trafalgar was commemorated with the construction of a square and column with Nelson standing on top defending the country



# Nelsons legacy

- Nelsons squadron used the White Ensign to distinguish their ships
- Collingwood used the Red Ensign to distinguish their ships
- The White Ensign was adopted as the official flag of the Royal Navy to commemorate Nelsons Victory as Trafalgar



# Nelson today



