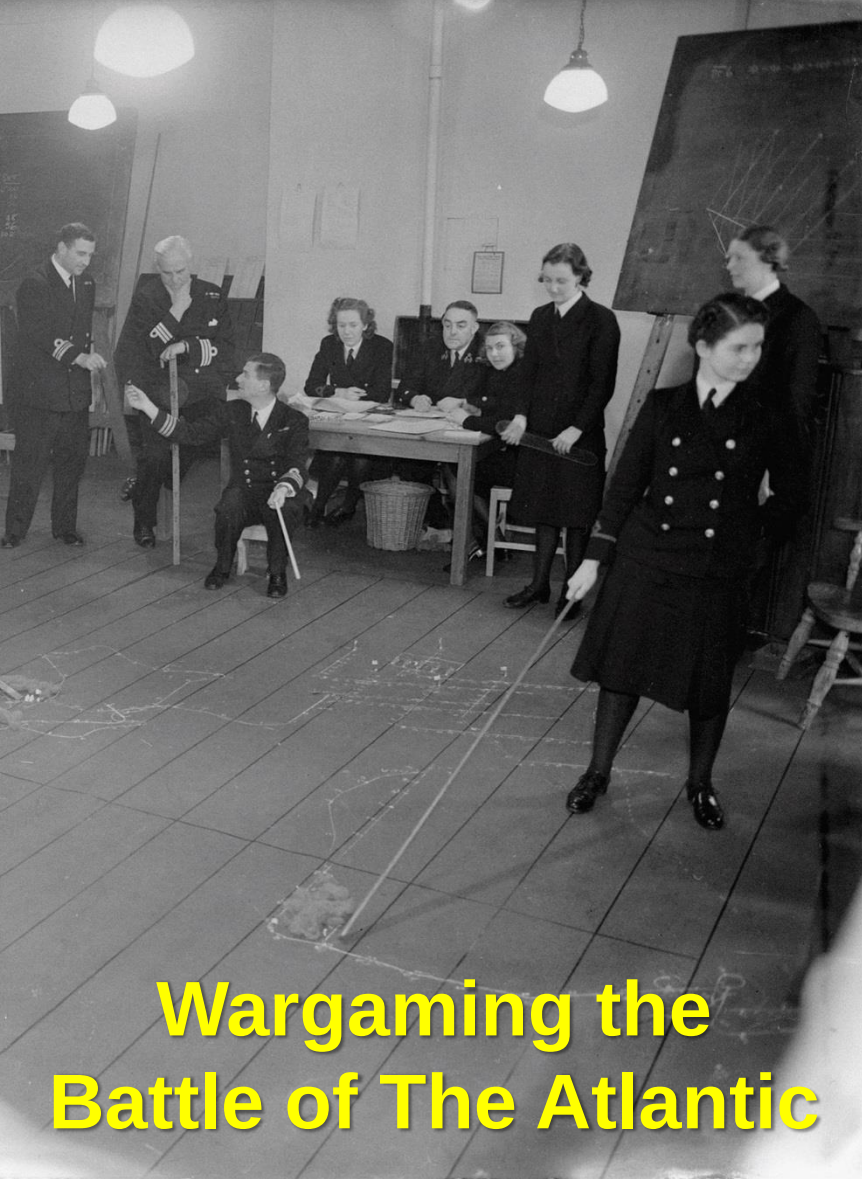




Wargaming the Battle of The Atlantic



[dstl]

01 August 2018

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Paul Edward Strong


Ministry
of Defence

Supplying War

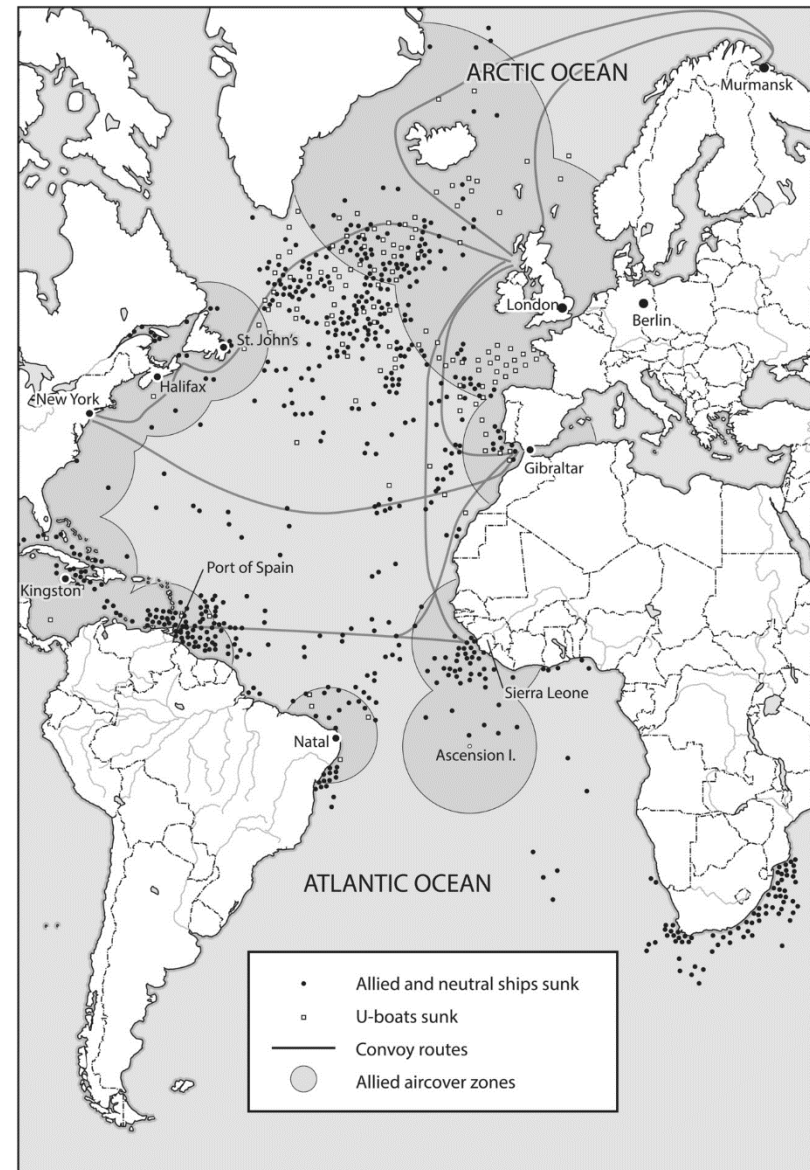
- Britain's war effort required the constant flow of Allied cargo ships to be maintained



ASW Technology



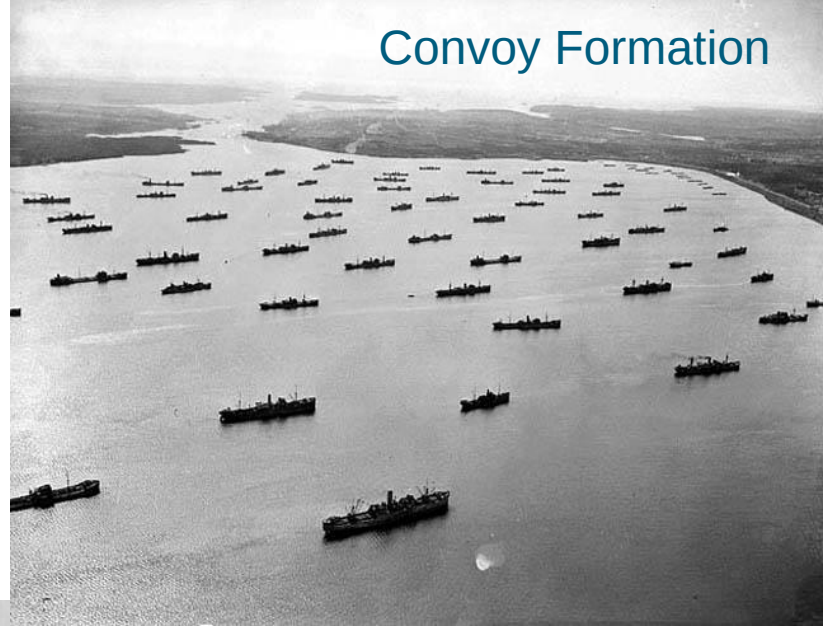
The Fall of France



The First 'Happy Time'

- Admiral Karl Dönitz needed more U-Boats to starve the UK into submission but the Mid Atlantic Gap enabled him to concentrate his limited forces

Convoy Formation



HMS Vimiera



RAF Short Sunderland



Western Approaches Command - Liverpool



Extending Protection: The Mid-Ocean Escort Force



01 August 2018

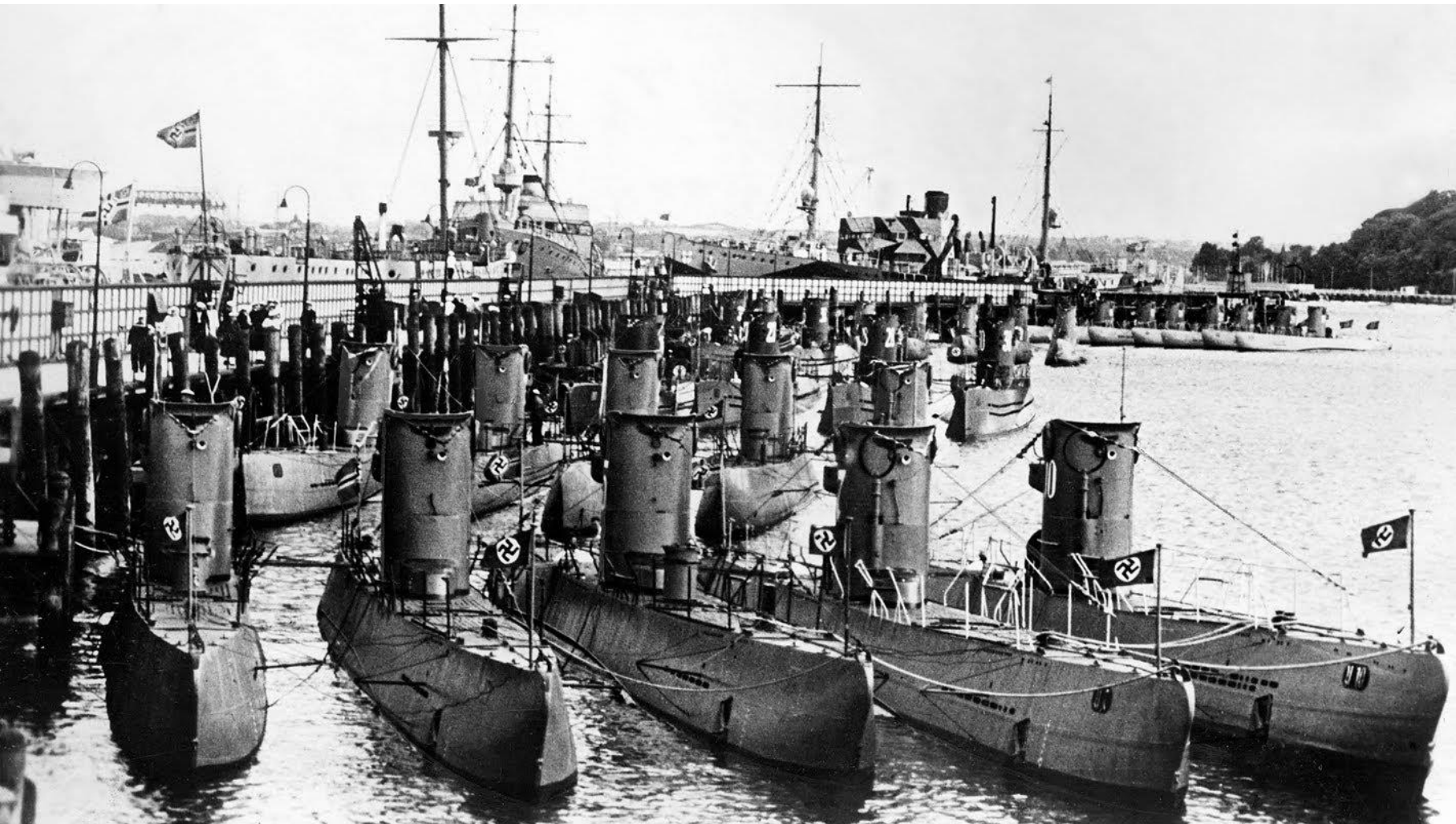
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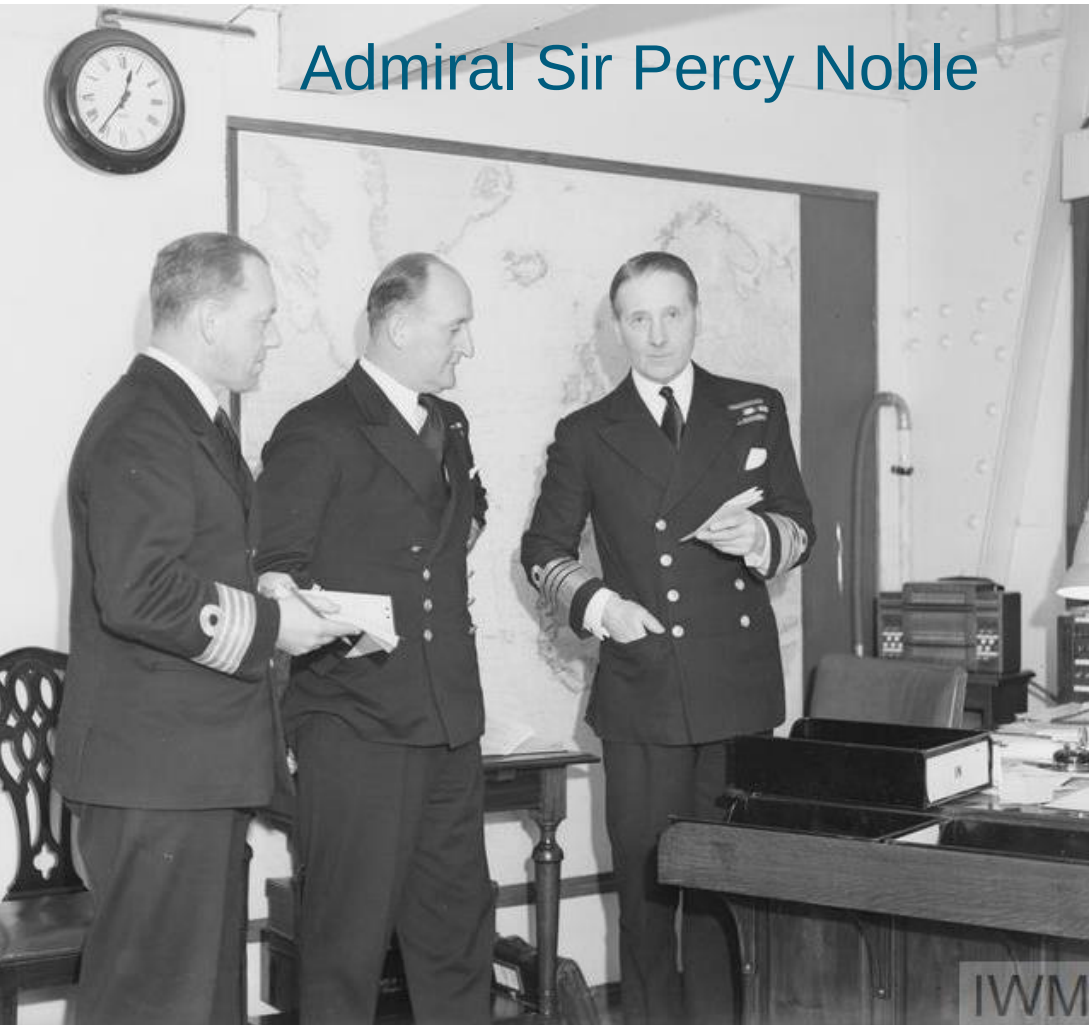
Ministry
of Defence

The Second 'Happy Time'



New Allies, New Challenges

Admiral Sir Percy Noble



Admiral Ernest J King

**“Find out what is happening
in the Atlantic, find ways of
getting the convoys through,
and sink the U-boats!”**

Churchill - January 1942



IWM



**Commander
Gilbert Roberts**

IWM

The Western Approaches Tactical Unit



'The Game' – Understanding the Enemy





‘The Game’ – Orders

'The Game' – Processing the Turn





‘The Game’ – Briefing the Turn



*Nicholas
Monsarrat*



Eugeniusz Plawski



'Johnnie' Walker



*Peter
Gretton*



Prince Philip



Pierre de Morsier

-

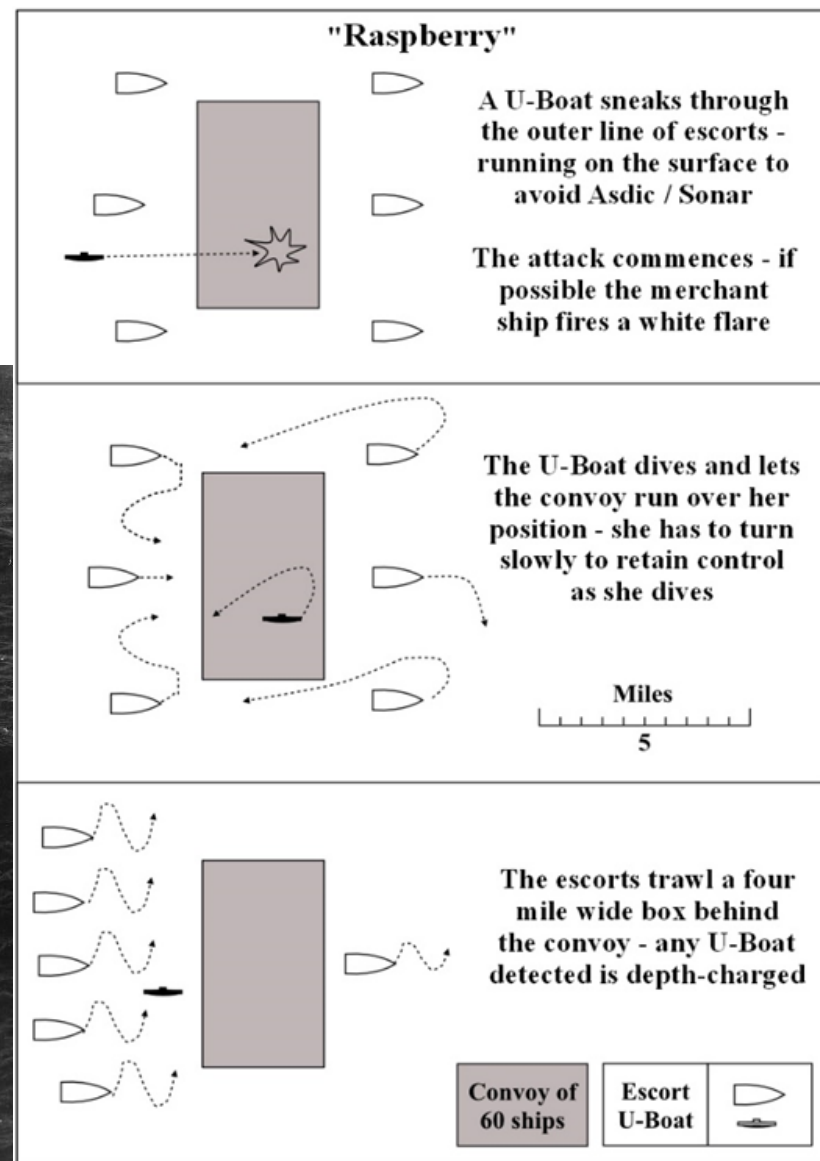


The First Test

- How were U-Boats making their attacks?

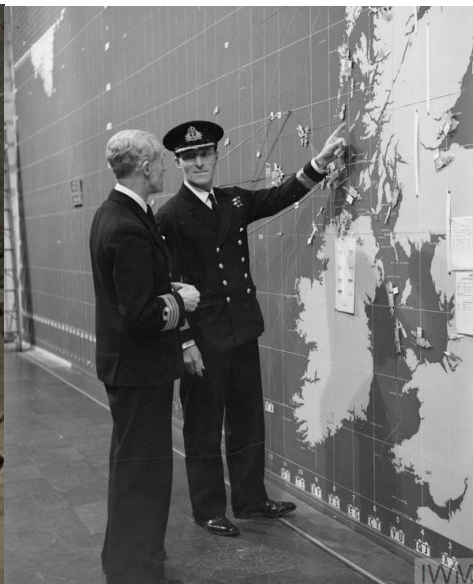


Stricken Type IX



'Chasing Shadows' - The Beta Search

Janet
Okell



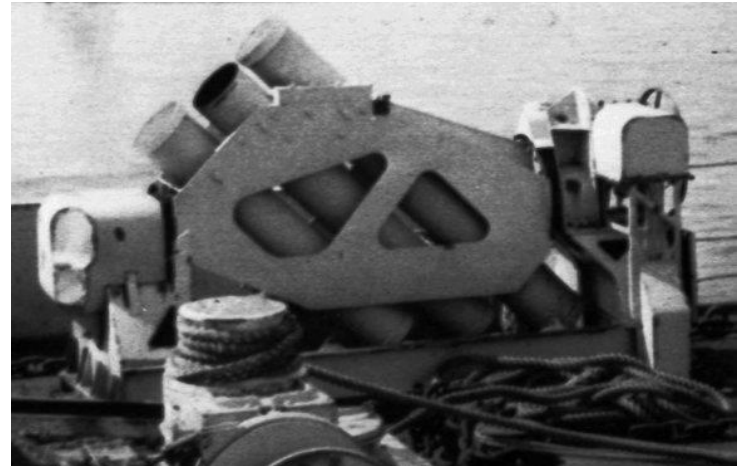
Sir Max
Horton



HMS Vidette



New Technologies & Tactics



Getting to the Church in Time Escort and Support Groups in Action

HMS Duncan (Convoy HX-231)



HMS TAY (Convoy ON-5)



Walker on HMS Starling (2nd Support Group)



Dönitz Plots Revenge



The T5 Acoustic Torpedo



Wolfpack Leuthen gathers in the Mid Atlantic Gap

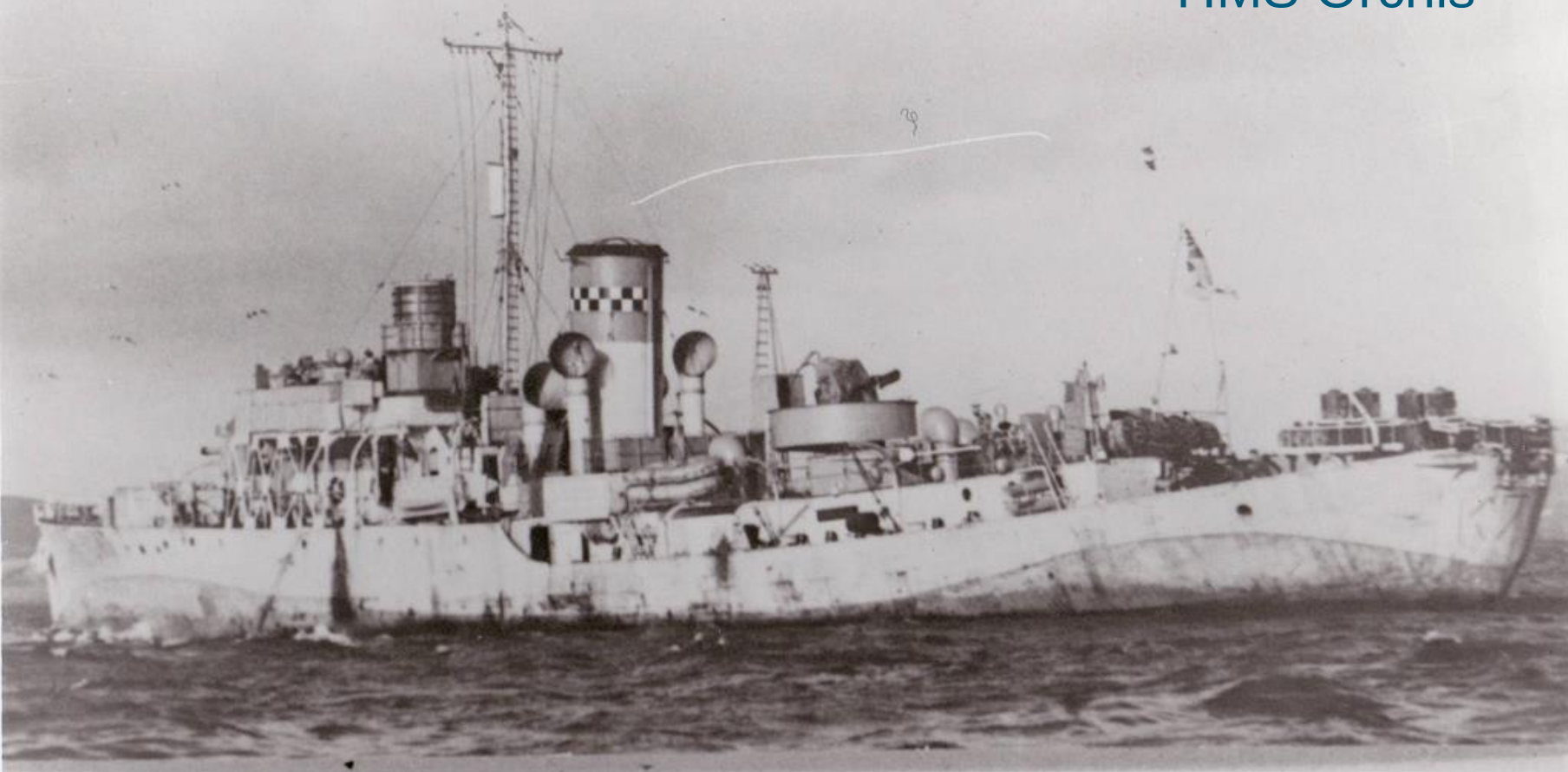
A photograph of a Flower Class Corvette, a small naval ship, sailing on the ocean. The ship is white with a dark hull and has a complex superstructure with various antennas and equipment. It is moving towards the right, leaving a white wake. The sky is blue with some clouds.

They are going
for the escorts!

Flower
Class
Corvette

Tooley Hawkings Reports...

HMS Orchis

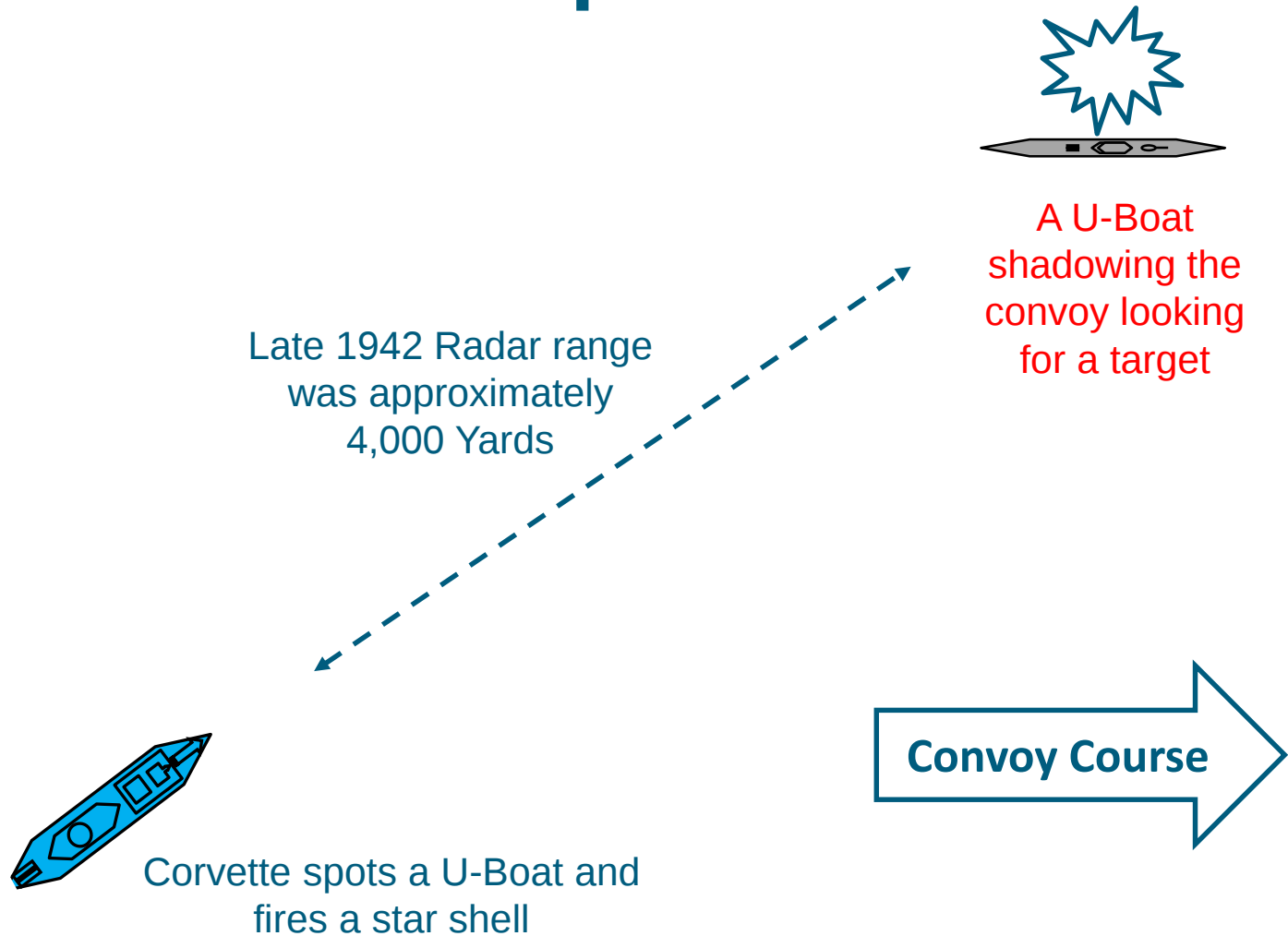




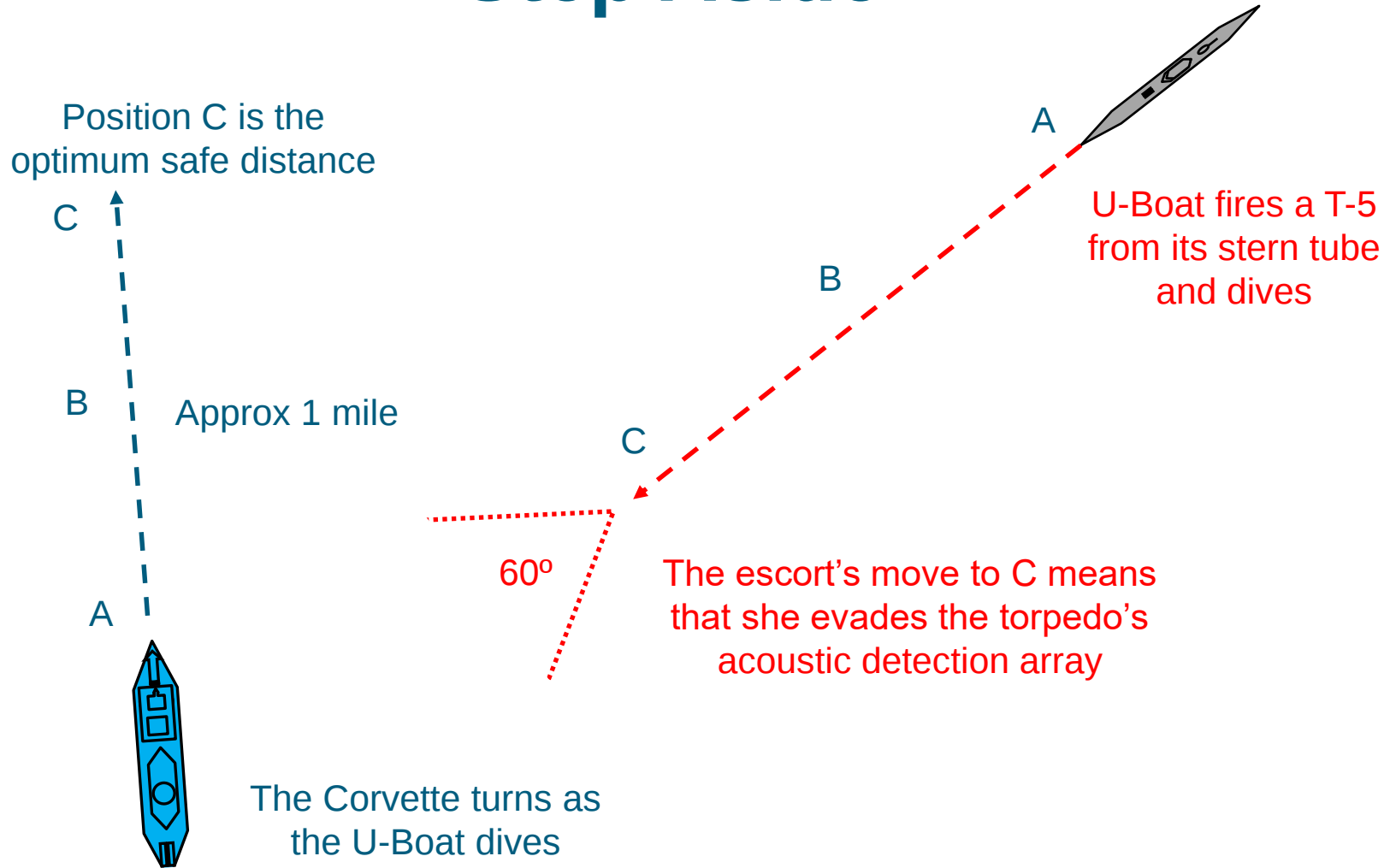
Analysis in Action

IWM

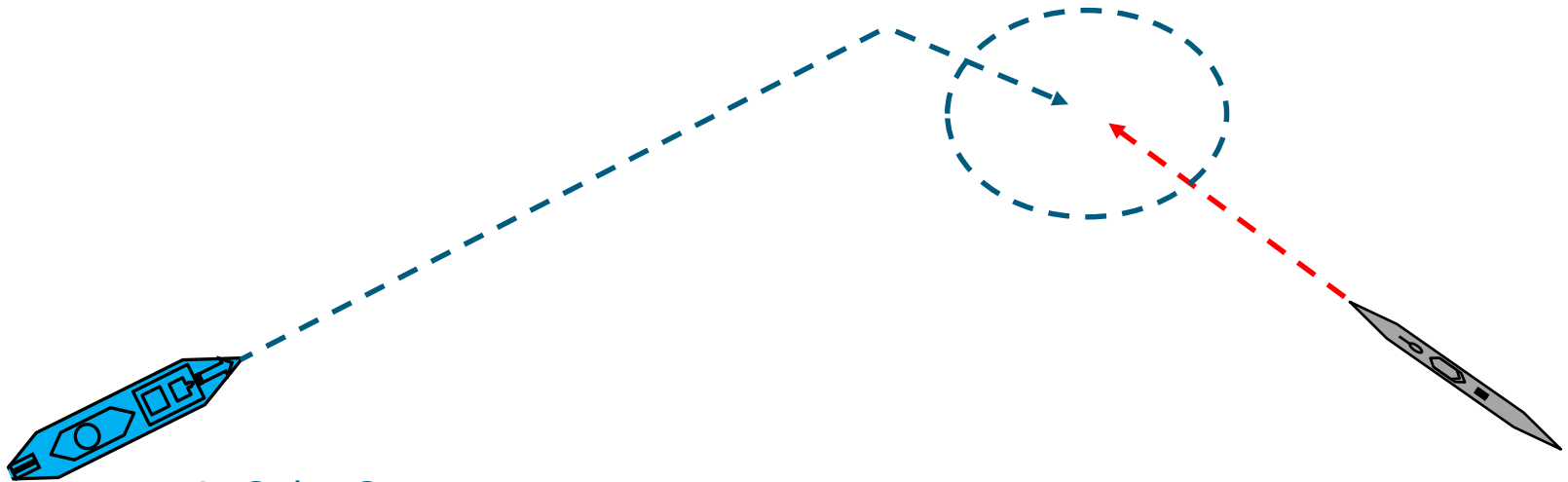
Step Aside



Step Aside

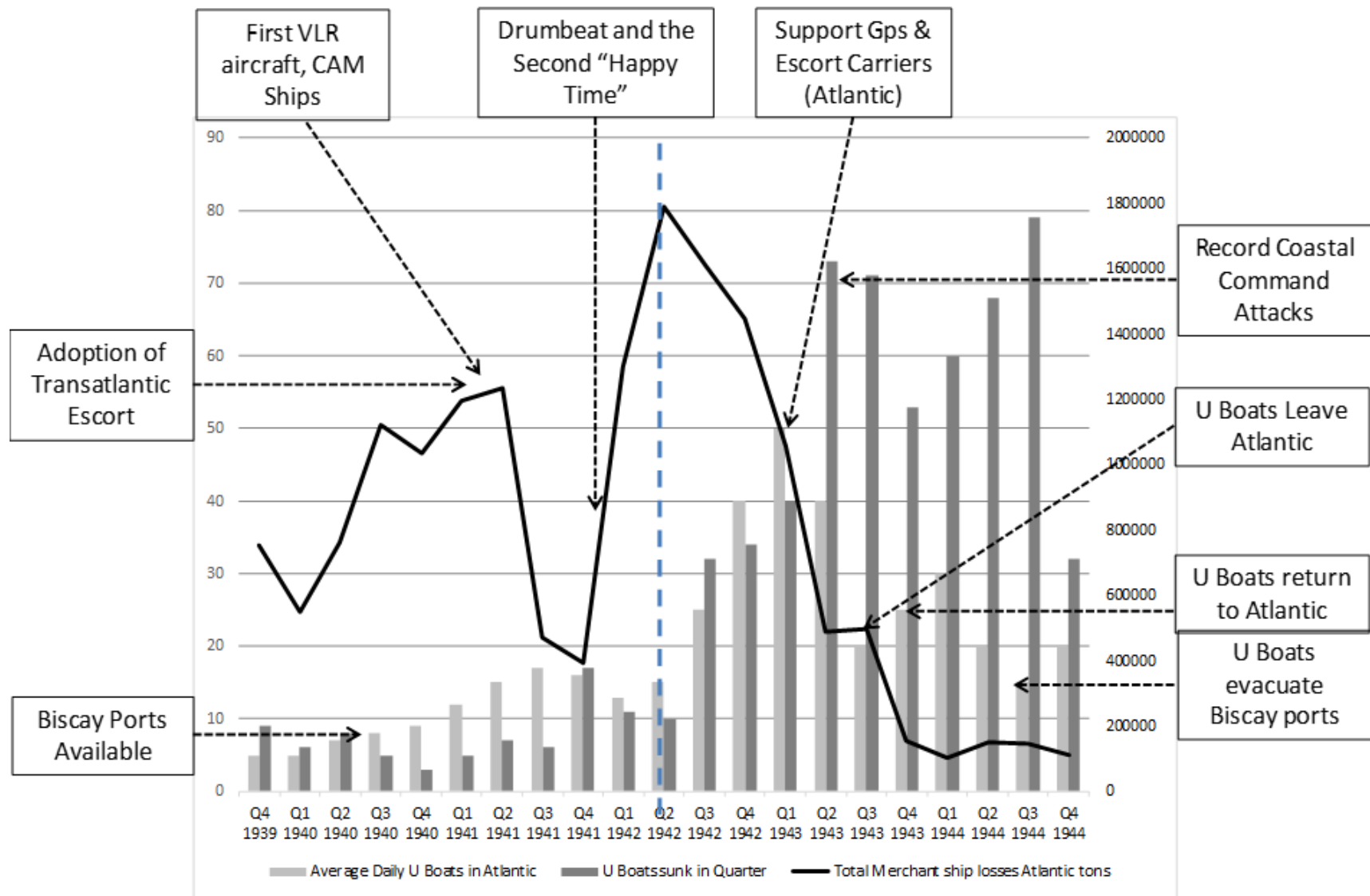


Step Aside



C At C the Corvette returns to a course that places her close to the U-Boat's predicted position

The submerged U-Boat heads for a new position that enables her to continue to monitor the convoy and prepare a new attack





The End of 'The Game'

01 August 2018

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IW