



Symposium

After Longitude – Modern navigation in context

National Maritime Museum, Greenwich, London Thursday-Friday 22–23 March 2012

Programme

Thursday 22 March

Before the start of the conference some additional tours are available on a first come, first served basis (limited places available - please book via the booking form). Timings as follows:

10.30 & 11.30 for 45 minutes

Navigational instruments in the Royal Observatory Greenwich stores (led by Richard Dunn, Senior Curator of the History of Navigation, NMM)

10.30 & 11.30 for 45 minutes

Current chronometer research, in the Horology Conservation Workshop, Royal Observatory Greenwich (led by Jonathan Betts, Senior Specialist, Horology, NMM)

Programme

13.30	Registration and coffee	(Lecture Theatre,	National Maritime	Museum)
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- 14.00 Welcome and introduction Richard Dunn
- 14.15 Richard Dunn

North by Northwest? Trouble with compasses in the exploration of the Arctic

Frank Reed

Lunars and 19th-century American commerce in the Pacific

Dr Wolfgang Koberer

Position without calculation: Analogue instruments for position finding in astronomical navigation

- 15.45 Tea Break
- 16.15 Yuto Ishibashi

Accurate time for mariners: Time-keeping and signalling in mid-Victorian Liverpool'

John Kemp

The development and use of Astro Position Lines at sea

17.15 Close / Drinks Reception

Friday 23 March

09.30 Coffee

10.00 Terry Hayward

The early development of air navigation

Norman Bonnor

Navigating at 50,000 and 500 feet during the Cold War of the 1950s and 60s

Frank Reed

Lunars in the Space Age

11.30 Coffee break

12.00 Pat Norris

The longitude challenge in Deep Space

Nick Ward

From Lighthouses to e-Navigation

13.00 Lunch

14.00 Richard Easton

From Harrison to GPS

Paul Saunders

Automated position reporting – aspirations and their realisation, across domains

15.00 Tea break

15.30 Dr S E Taylor

Electronic Navigation Systems on Fishing Vessels: Applications in Sub-Sea Hazard Avoidance

Dr Heloise Finch-Boyer

What does digital do? Representing and acting on 'safety' and 'accuracy' as paper sea charts became digital charts 1977-2010

16.30 General discussion and closing remarks – Terry Hayward