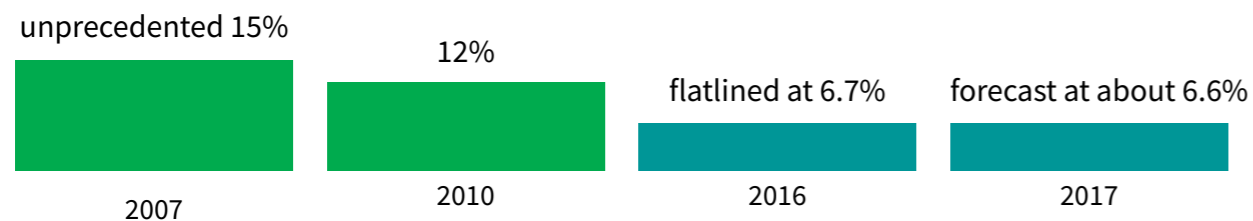


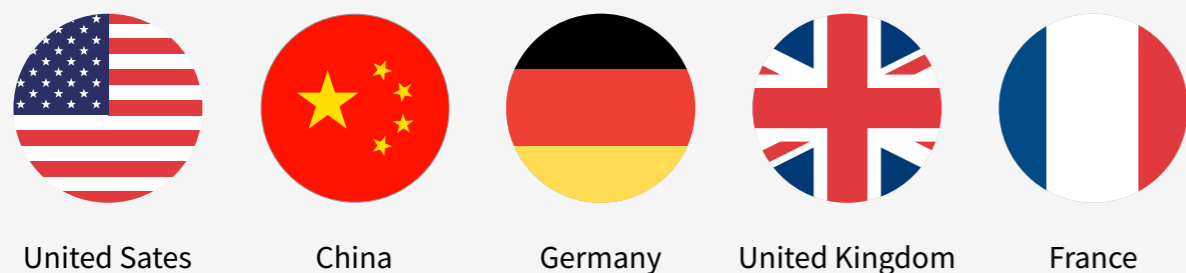
Maritime & Trade Perspectives 2017 - Q2

China's GDP growth directly impacts shipping



China's economy is being redirected from export-oriented to a greater focus on domestic consumption, worryingly encouraged by easing access to credit.

5 of top 6 economies will question their trading policies in 2017:



149 – # of ships of more than 10,000gt ordered by ship owners in 2016



Seafarer Shortfall

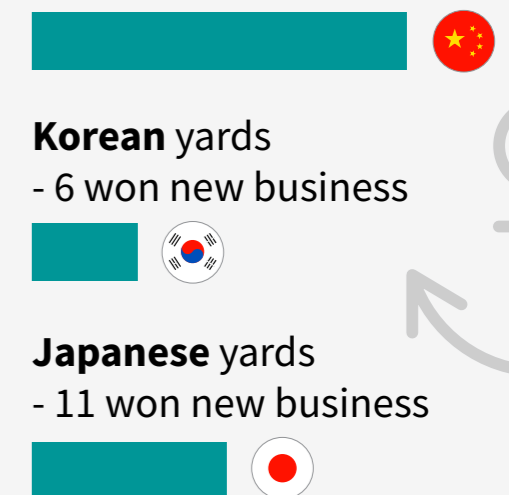
In 2015, the BIMCO/International Chamber of Shipping Manpower Report estimated a supply of 774,000 officers. A shortfall of **16,500** from the required 790,500.

By 2020, officer shortfall is expected to be **92,000** By 2025, a staggering shortfall of **147,500**

One seafarer in 12 achieves less than **40%** in STCW (International Convention on Training, Certification, and Watchkeeping for seafarers)

Shipyard New Business

Only 21 **Chinese** yards secured new business in 2016 (less than half the number of successful shipyards in 2015)



Today between **10%** and **15%** of ships are with third-party management companies: continuing troubled times in 2017 could see that proportion increase.

Bribery and corruption has now reached epidemic levels. The solution is to redefine maritime corruption as a safety issue, and require action among the **172** member countries of the International Maritime Organization.