

Brief Introduction to Cement Carriers

by **Simon Cox and Dimitris Georgantis**
Howe Robinson Partners

Hrs.cement@howerobinson.com

Cement Carriers



Have no hatch covers – can only load granulated cargoes that can be selfunloaded. i.e. Cement, Fly Ash, GGBFS

Pneumatic Cement Carrier

- Loads by gravity or by pressure from silo
- self discharge by own compressors and pumps by flexible hose to silo.
- No weather delays
- Able load WC India during the monsoon!
- No stevedoring / labour costs



Mechanical Cement Carrier



Cement carrier discharges from holds, via its own bulk boom direct to a cement silo truck or hopper. Ideal for moving bulk direct to readymix. In Korea, mechanical discharge vessels do not have booms, but instead deliver cement to the ship's side at deck level where receiver's conveyor collects it.

Bulkcarriers with a twist!



There are 5 such bulk carriers, from 4,000 to 9,700dwt. They have conventional hatches, but are able to self-discharge with closed hatch covers via specialist equipment, which can be hoisted up to not interfere with other types of cargoes. Trading Baltic, Med and Europe.

Cement Carrier Trading Areas

2,000 to 29,000 dwt

- Japanese Coastal 91
- Indonesian Coastal 46
- Korean Coastal & Kor/Japan 30
- Indian Ocean 27
- Vietnam Coastal 7
- Other Far East Trades 28
- Australia/NZ 7
- Americas (excl Lakes) 17
- North Cont/Baltic 39
- Med i/c Canaries/W.Africa 31

Med Sea – weakening for over 5,000dwt

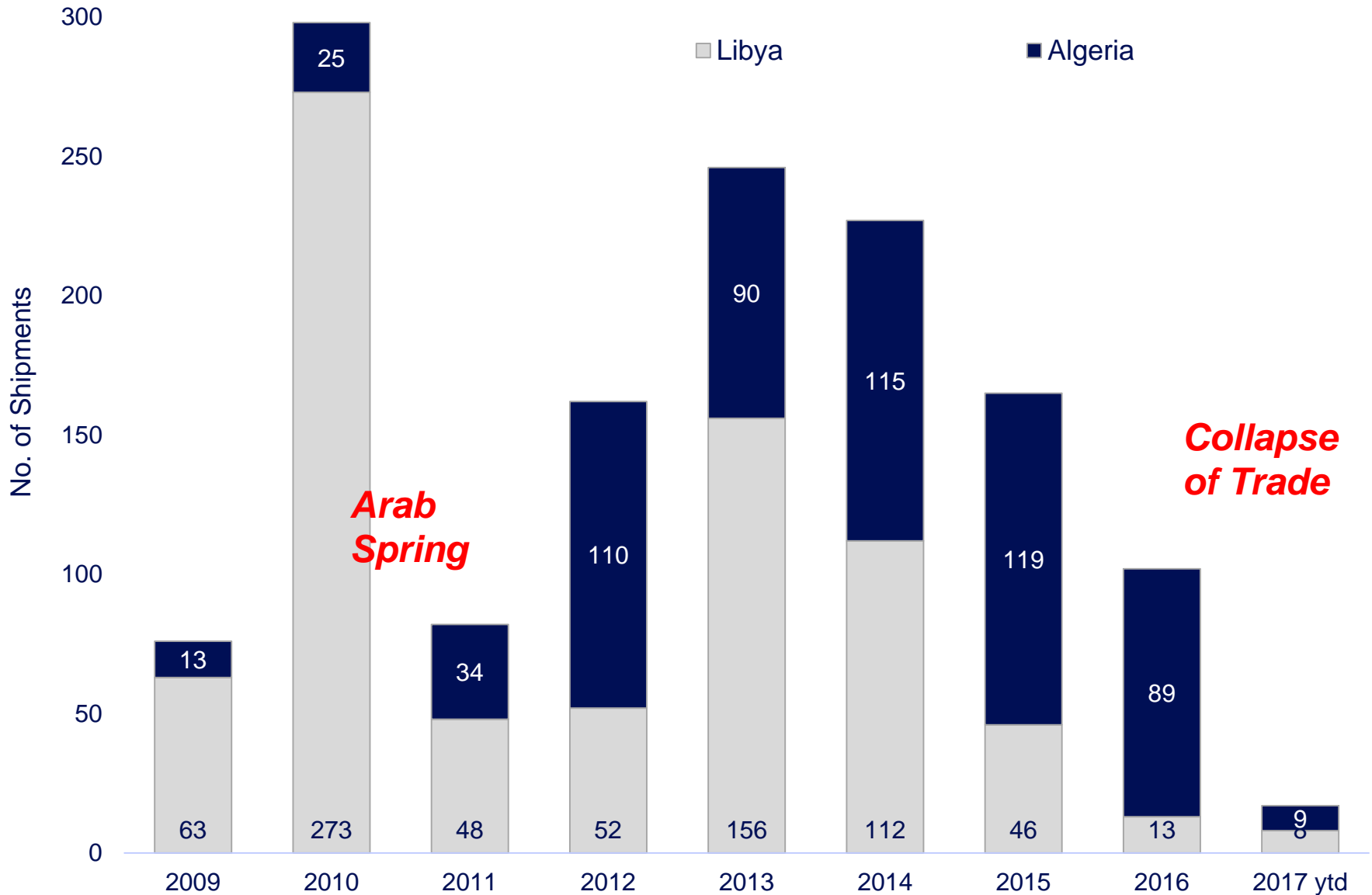
- There are **31 ships** in the area (but 3 are fully out of service) – Jan 2010 there were **56**.
- We see **5** available for charter in the next few weeks, all over 8,000 dwt! The smaller ships are almost fully employed
- **1989**= Average year of build, **7,857mt** = Average Dwt. **15** different owners. Only 1 owner has over 3 ships in the zone (Sirios has 7)!
- **Libya** imports collapsed, **Algeria** also stopped (the main markets for truck discharge).
- **Israel**: started importing in 2015 by cement carrier – now 2 are on the trade.



Eviacement IV in Corinth Canal

Cement Carrier Shipments

Into Algeria & Libya



Thank You

Howe Robinson Cement Carrier Team

Cement Carriers Sold Last 5 years

Year	Sold for Demo		Sold Further Trading		% Demo
	No. of Ships	Ave Age	No. of Ships	Avg Age	
2015	5	37	8	26	38%
2014	3	33	7	35	30%
2013	0	n/a	13	23	0%
2012	4	32	9	27	31%
2011	19	36	21	27	47%

4 cement carriers sold to Indonesia in 2015 – average age 23 years.
Average sold 2010-2014: 5 per annum – average age 29.8 years.