

# ISP 78 – Las Palmas, Spain

**ICHCA**  
INTERNATIONAL





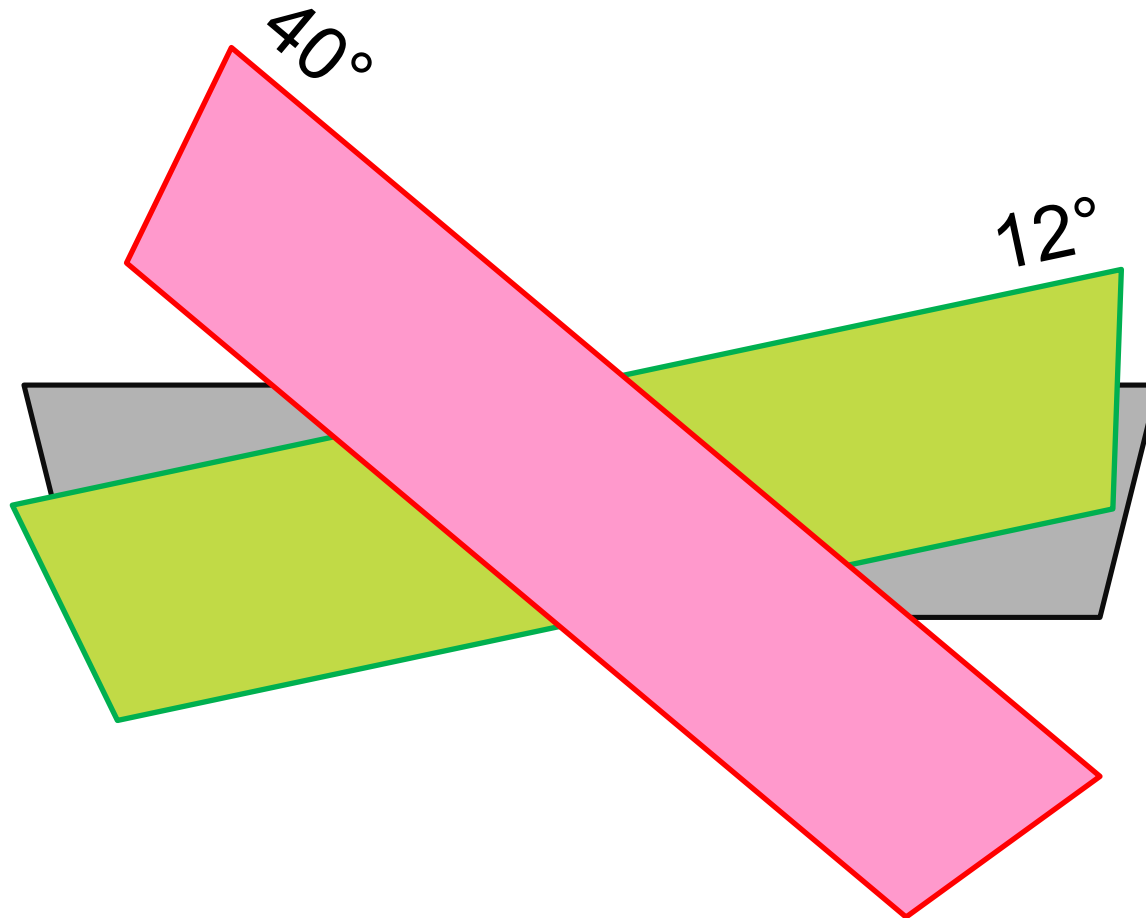
# **Trends in Maritime Movements**

**or**

**Hurry up and wait....**

**Bill Brassington  
ETS Consulting**







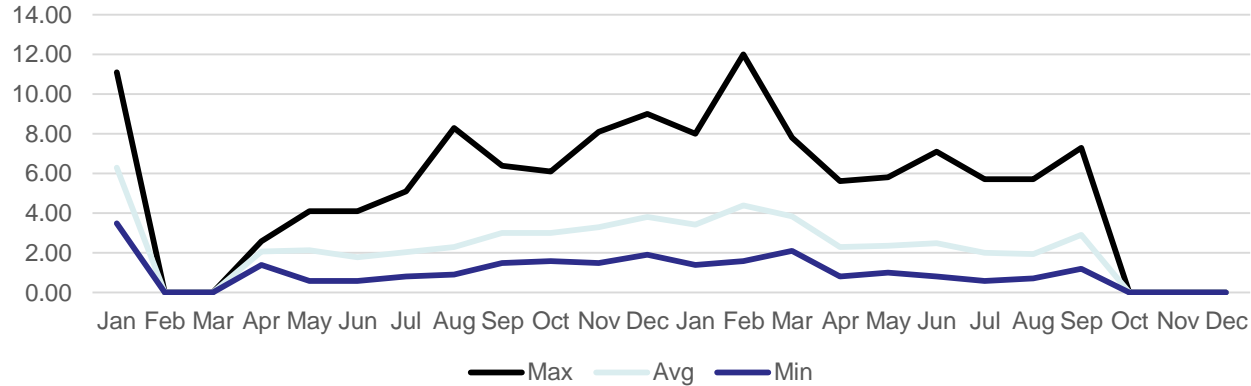


**ETS CONSULTING**  
SAFETY AND SECURITY IN THE SUPPLY CHAIN

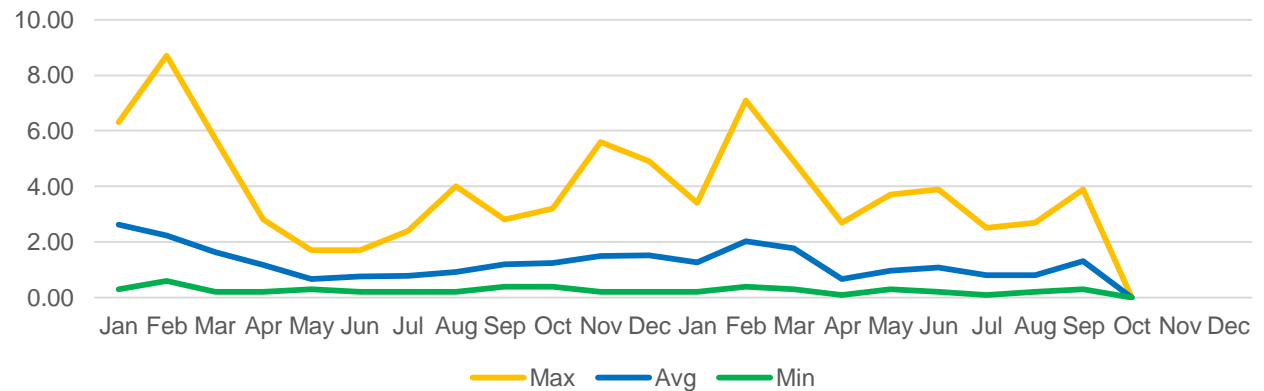




K1 Wave height



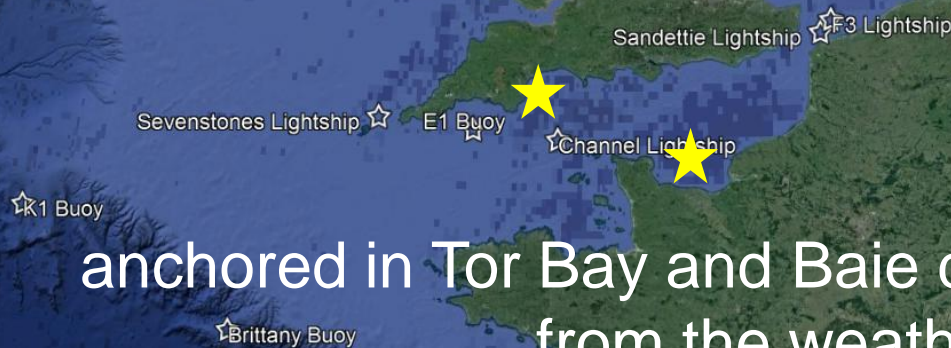
Channel Lightship Wave Height





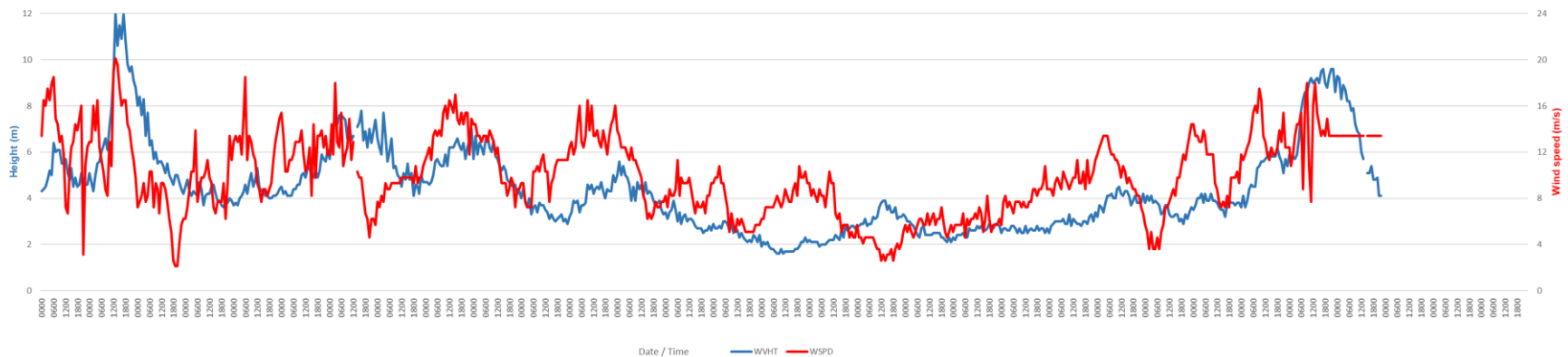


February 7<sup>th</sup> to 9<sup>th</sup> 2017  
11 Container ships (total 119,562 TEU)

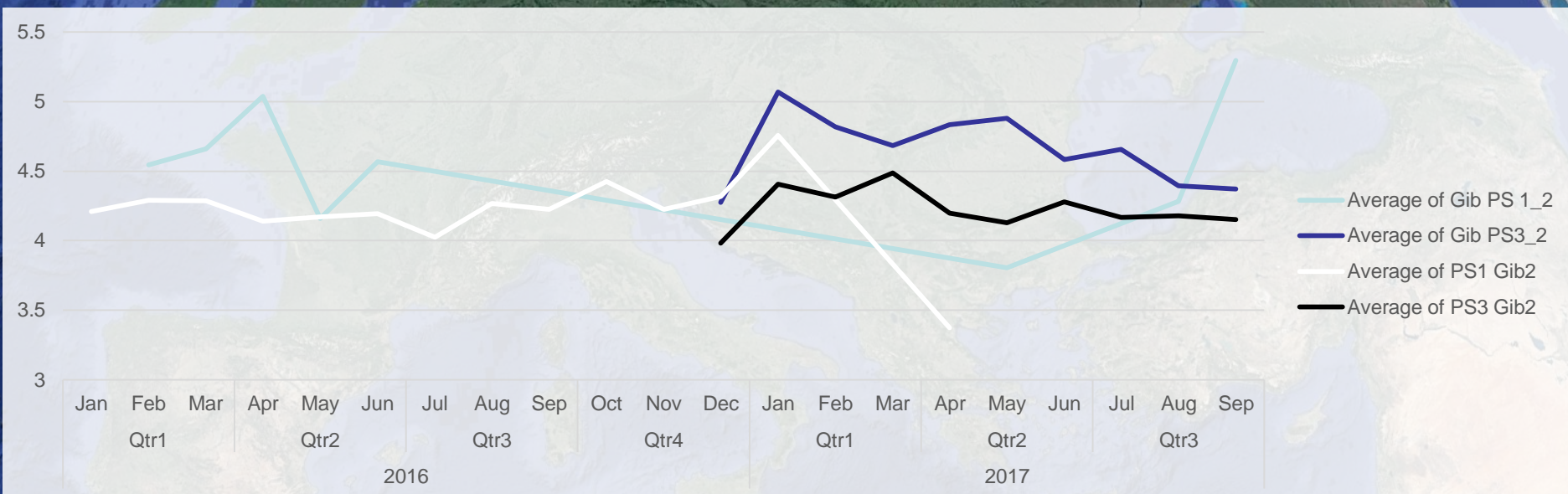


anchored in Tor Bay and Baie de Seine to shelter  
from the weather

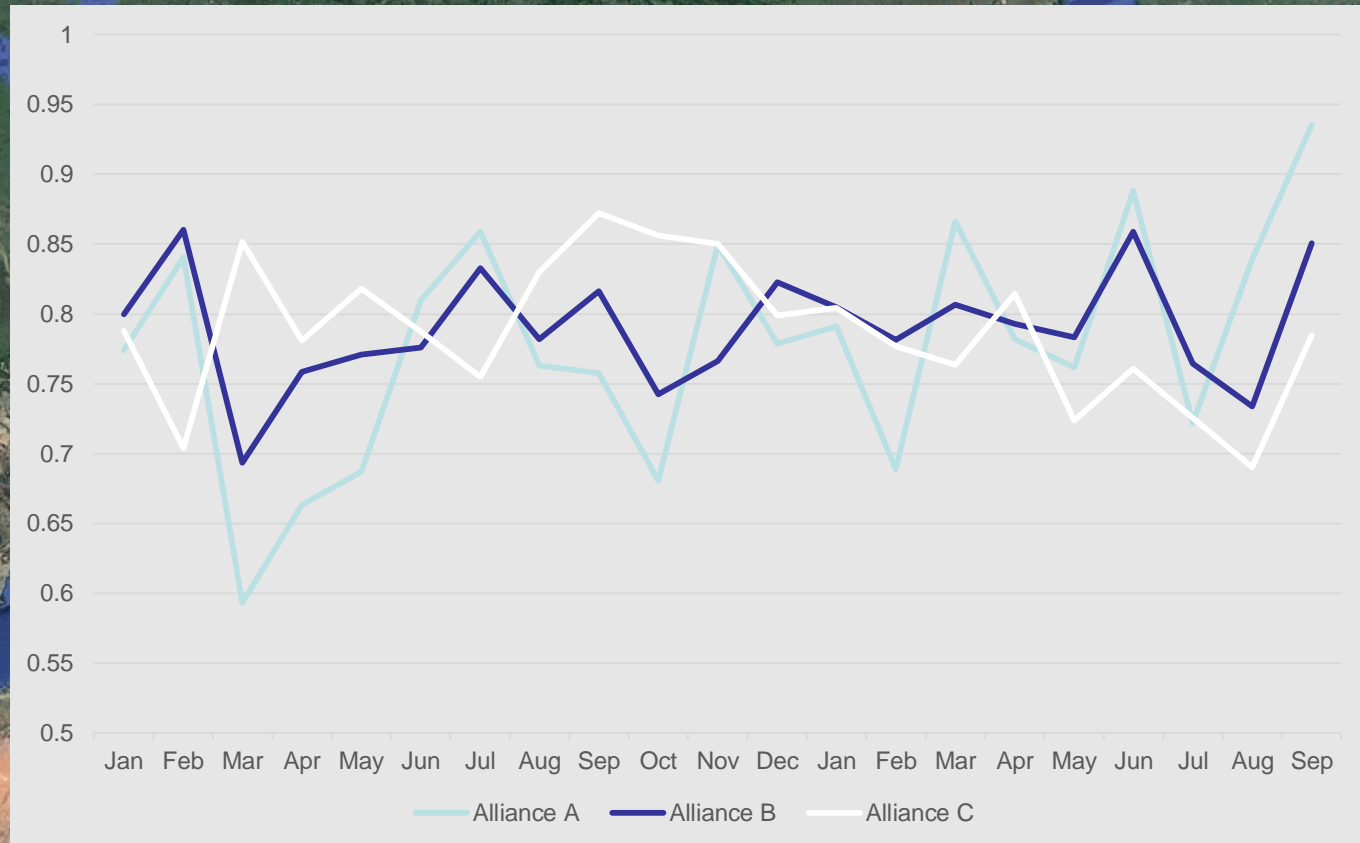
Station 62029 - K1 Buoy

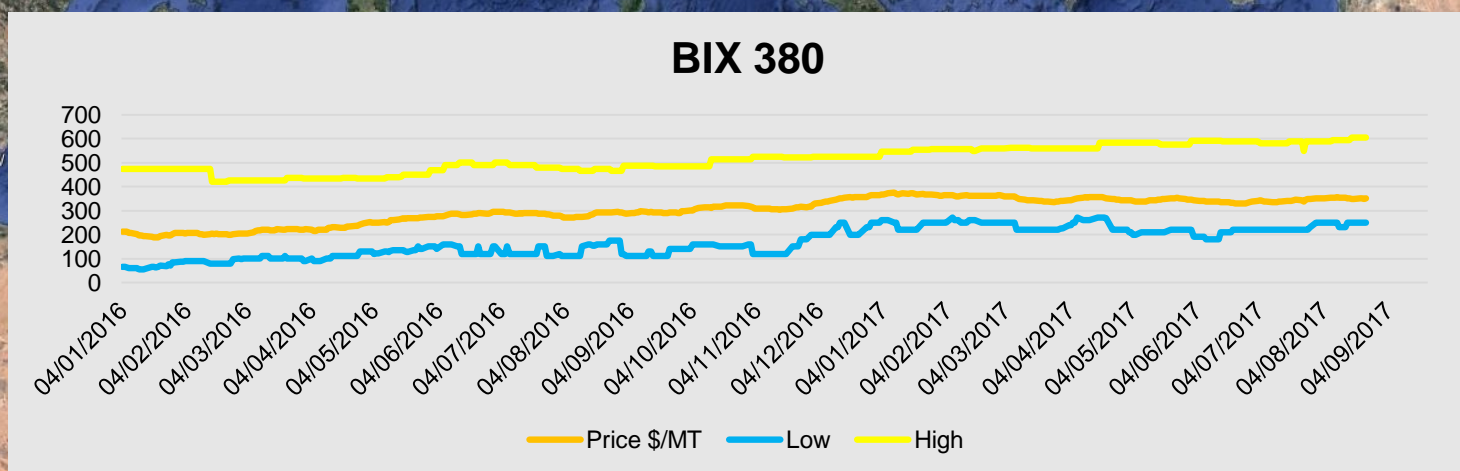
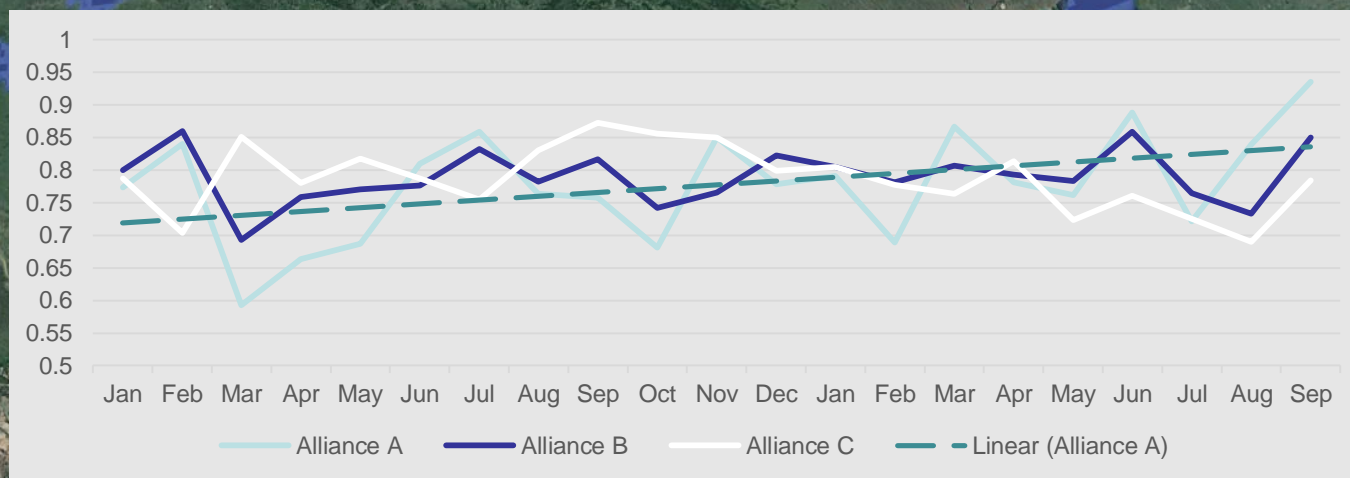










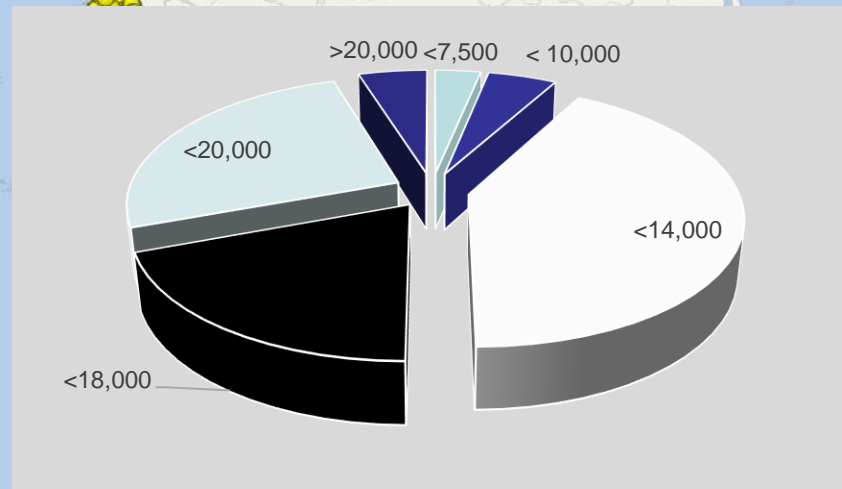






Monitor 430 vessels 100,000 tonnes +

Tracking 63 vessels

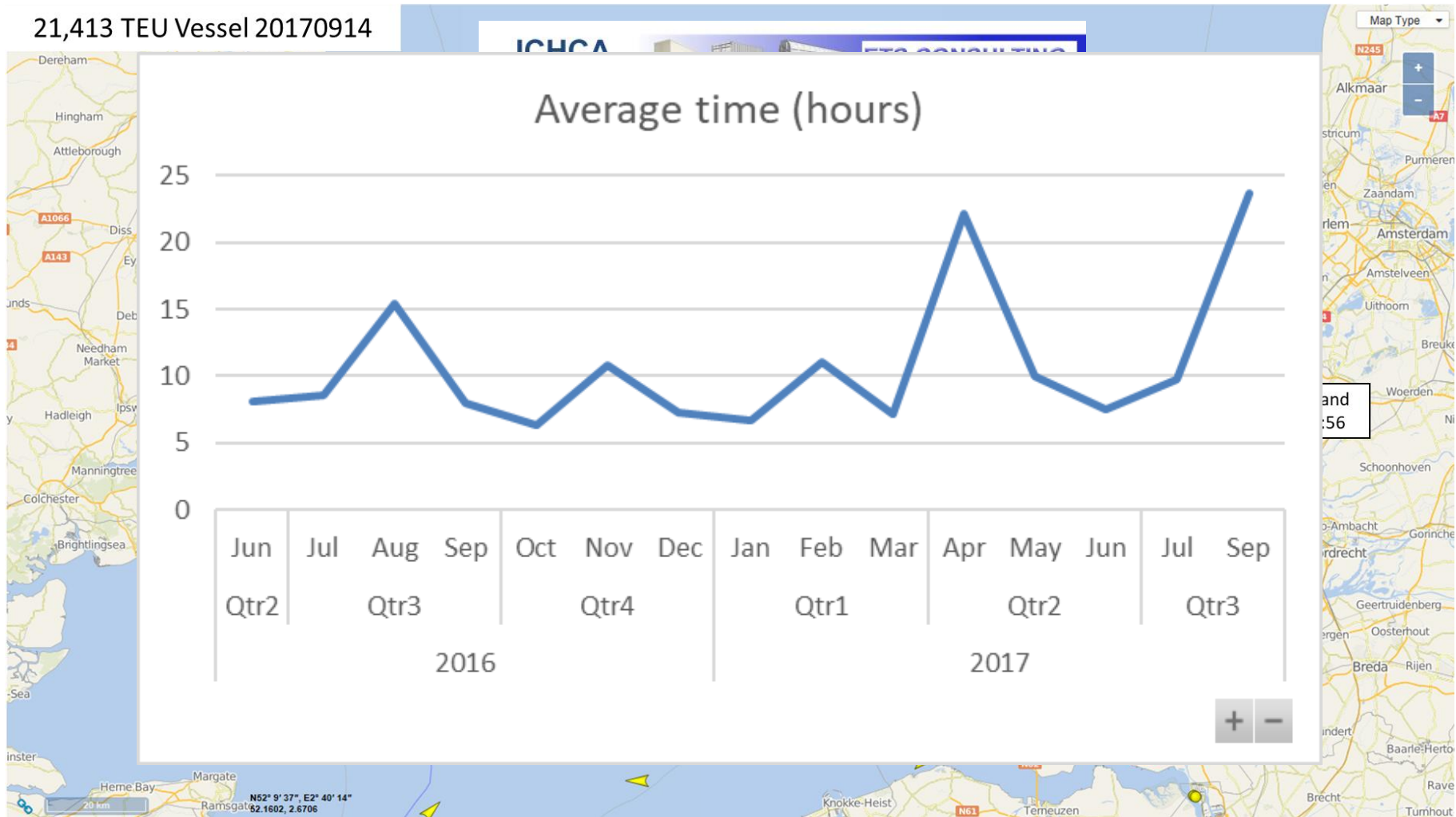






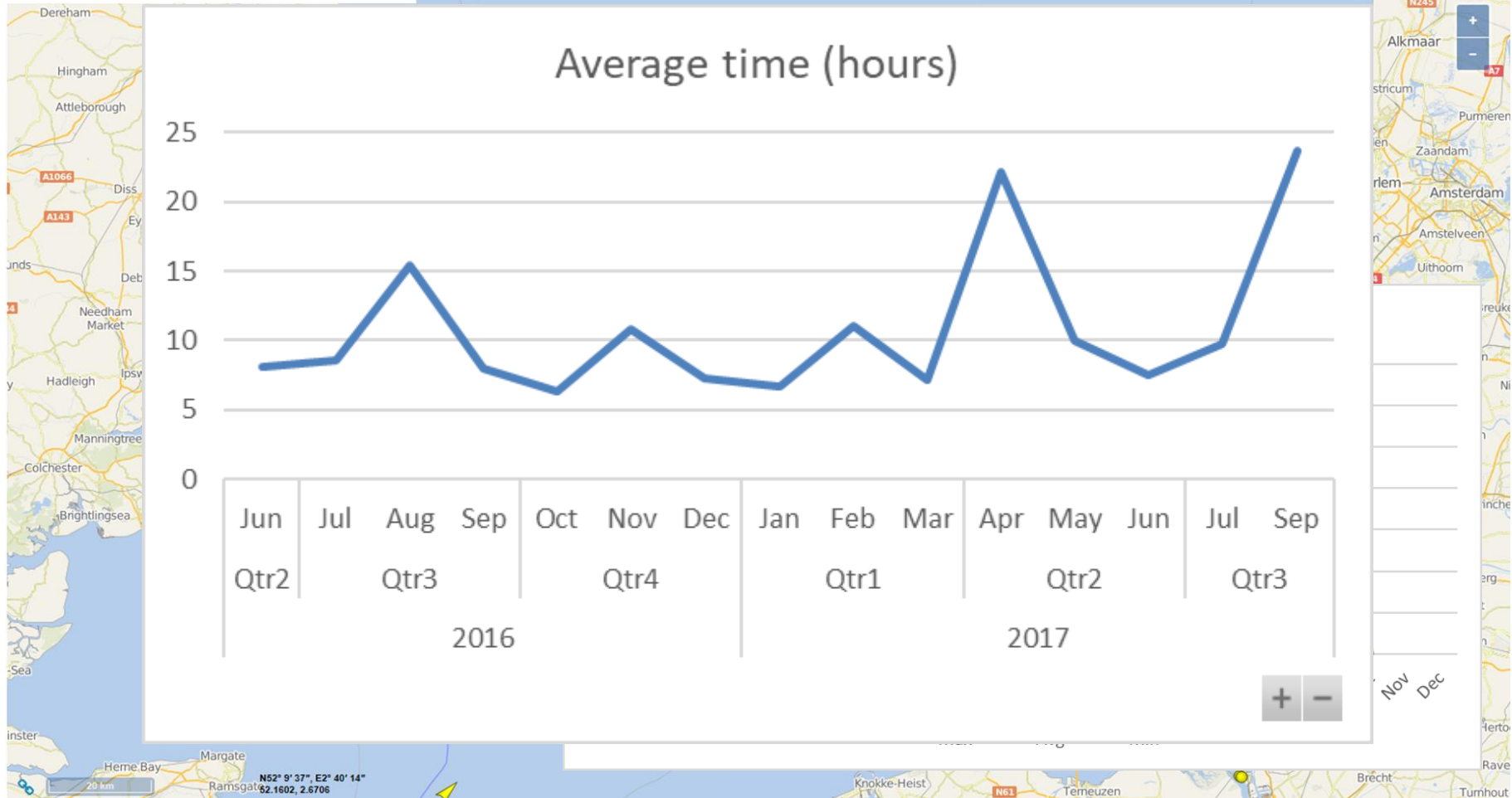


21,413 TEU Vessel 20170914





21,413 TEU Vessel 20170914



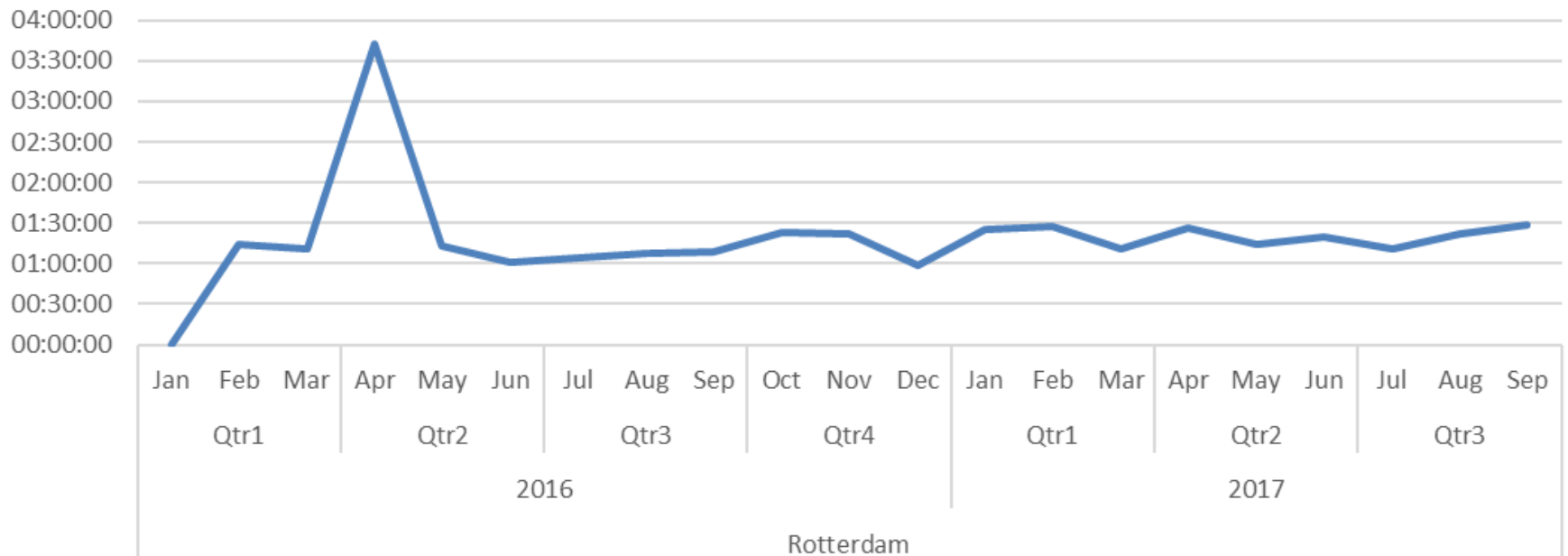




Vessel	Time	Period dd:hh:mm	Time per TEU (hh:mm:ss)	
			/1000 TEU	/TEU
14,500 TEU	Depart: 10/09/2017 09:36			
14,674 TEU	Arrive: 11/09/2017 06:11	00:20:35		
	Depart: 14/09/2017 12:06	03:05:55	05:18:35	00:00:19
21,413 TEU	Arrive: 14/09/2017 15:01	00:02:55		
	Depart: 16/09/2017 21:31	02:06:30	02:32:43	00:00:09
19,100 TEU	Arrive: 16/09/2017 23:46	00:02:15		
	Depart: 18/09/2017 12:51	01:13:05	01:56:30	00:00:07
14,074 TEU	Arrive: 18/09/2017 18:21	00:05:30		
	Depart: 20/09/2017 19:35	02:01:14	03:29:53	00:00:13
14,074 TEU	Arrive: 22/09/2017 02:36	01:07:01		
	Depart: 23/09/2017 12:01	01:09:25	02:22:28	00:00:09
417 TEU	Arrive: 23/09/2017 13:36	00:01:35		
	Depart: 23/09/2017 20:11	00:06:35	15:47:15	00:00:57
1,036 TEU	Arrive: 24/09/2017 12:16	00:16:05		
	Depart: 25/09/2017 01:01	00:12:45	12:18:25	00:00:44
13,386 TEU	Arrive: 25/09/2017 14:36	00:13:35		
	Depart: 27/09/2017 08:59	01:18:23	03:09:58	00:00:11



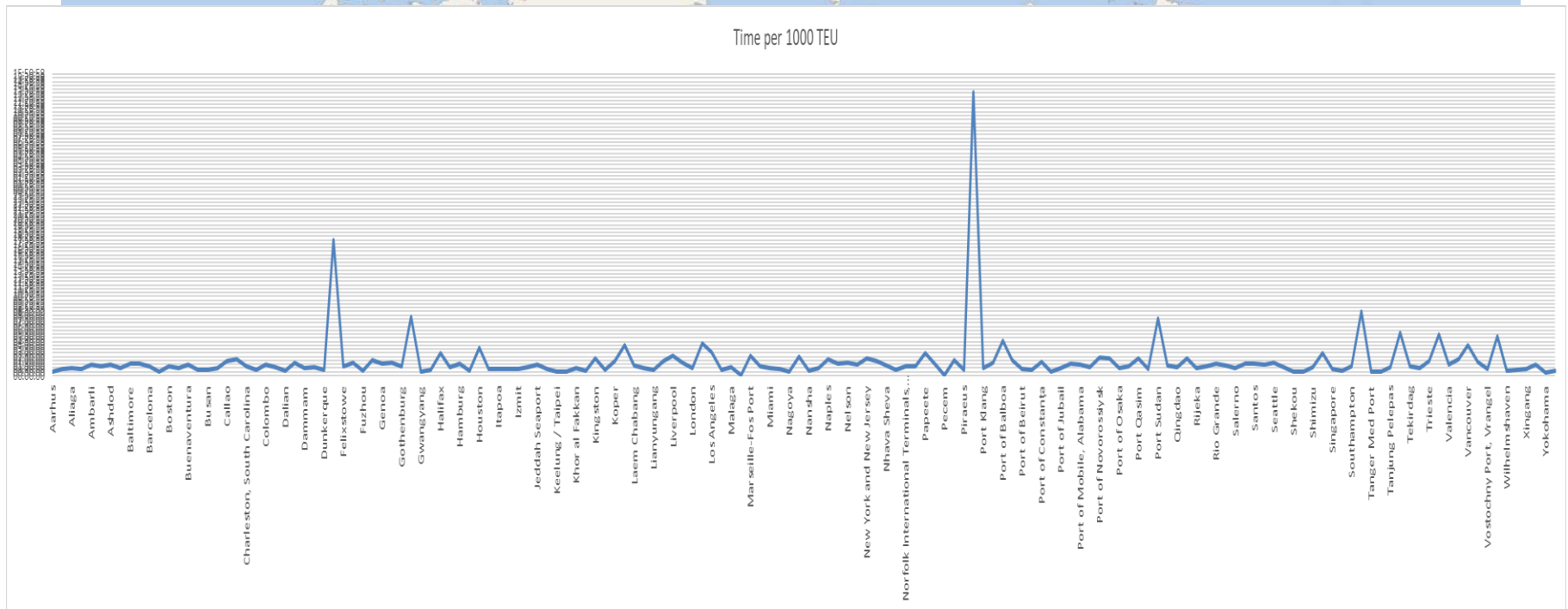
Time per 1000 TEU





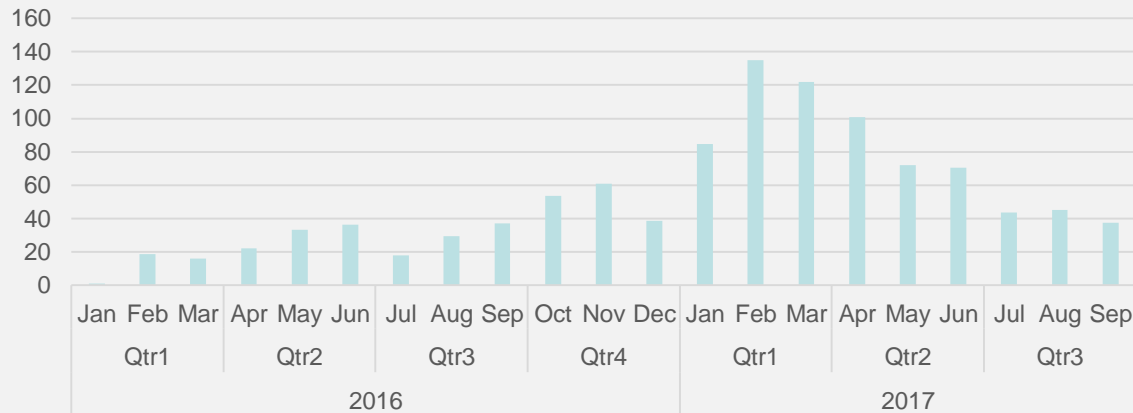


## Data on 156 Ports

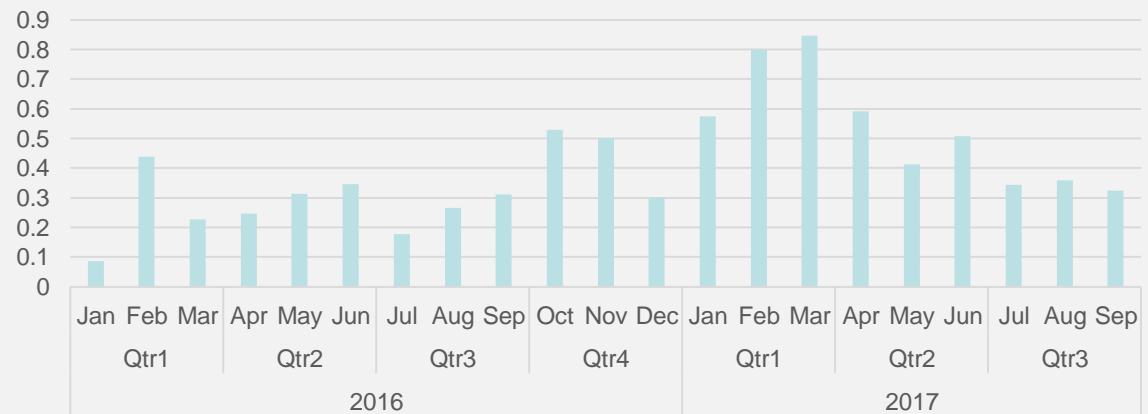




### Total days anchored

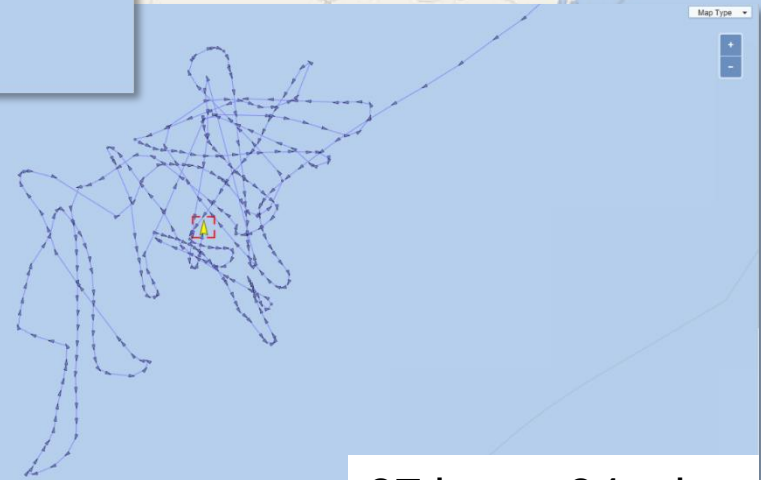
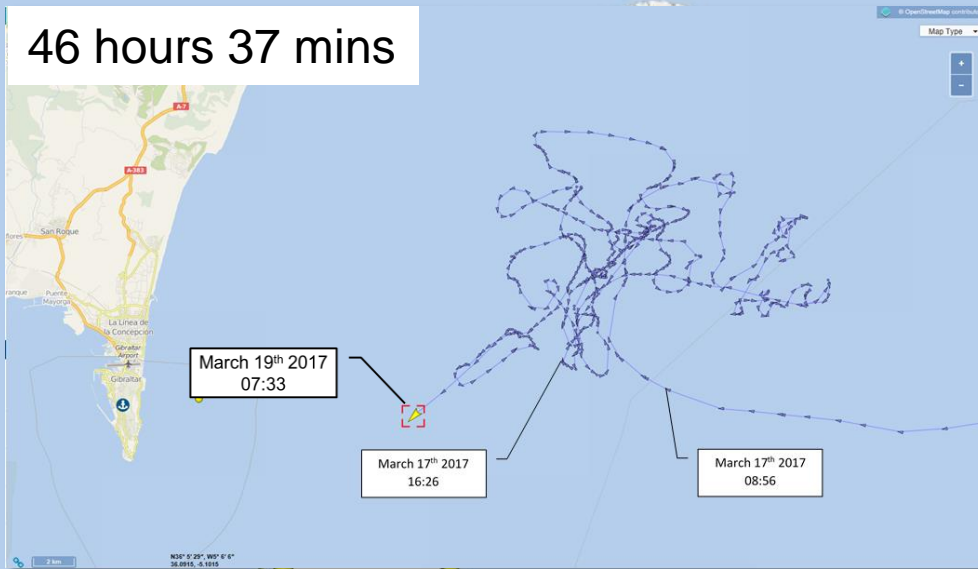


### Average days anchored





46 hours 37 mins



37 hours 34 mins





Monitor 430 vessels 100,000 tonnes +  
Tracking 63 vessels  
Data on 156 ports  
130 tracking waypoints  
2 years of data  
Over 52,000 lines of data

Track by:  
Container size  
Vessel Operator  
Alliance





*For those that have,  
thank you for listening*

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“A well known lawyer, now a judge, once grouped witnesses into three classes: simple liars, damned liars and experts”

Nature Magazine November 26<sup>th</sup> 1885