

# DIGITALIZING SHIPPING'S DATA TRAIL



# SHIPPING'S DIGITAL BREAD CRUMS



# BIG BROTHER IS WATCHING YOU



- Google holds an average of 50.000 data points on each subject.
- Your location is revealed through Google Maps
- Your preferences are collected from your Google searches.
- Your travel is tracked though use of flights, hotels and even credit cards.
- Your mobile phone, is a constant footprint of your activities

THERE IS NOWHERE TO HIDE!

# DIGITAL BREAD CRUMBS - AIS



- ON A STAND-ALONE BASIS, THE PAST LOCATION OF A SHIP HAS LIMITED VALUE.
- BUT IF COMBINED WITH OTHER PLATFORMS.....



# BUT IF LINKED TO OTHER CRUMBS... (SOF's)

## Laytime Calculation

Date	Day	Time Used			Total time Counted			Time lost/ Saved			Remarks
		D	H	M	D	H	M	D	H	M	
22 Nov	Thu										14.00 NOR tendered 16.00: Commenced loading
22 Nov	Thu	0	08	00	0	08	00				Time used before L/T commences
23	Fri	1	00	00	1	08	00				08.00 L/T commences
24	Sat	0	21	30	2	05	30				0800-1030: rain
25	Sun	0	04	00	2	09	30				0800-1200: loading
26	Mon	0	00	00	2	09	30				Public Holiday; no cargo work
27	Tue	1	00	00	3	09	30				Normal
28	Wed	1	00	00	3	10	30	0	23	00	0100: L/T expires
29	Thu	0	10	30				0	10	30	10.30: Completed loading
<b>Totals:</b>		<b>4</b>	<b>20</b>	<b>00</b>	<b>3</b>	<b>10</b>	<b>30</b>	<b>1</b>	<b>09</b>	<b>30</b>	<b>Time lost</b>

1	File Save Ref	Way No. 259			
2	Date	10-05-2015	BLading	Issues	10990.00
3	Ship Name	Gesta C	Port	Newport	
4	Port of Reg	Togoport	Draughts		
5	Flag	JOM	Arrival	Departure	
6	Owner	Caribbean Shipping	Fwd p	5.3700	9.1000
7	Capt	D.O.	Fwd s	5.3700	9.1000
8	Cargo Officer	S.T.	Mid p	6.2750	9.1500
9	Berth	143	Mid s	6.2000	9.1850
10	Agents	United Agents	Aft p	7.1900	9.1800
11	Cargo	Coal	Aft s	7.1800	9.1800
12	Arrived	08-05-2015	Dist Fg	-0.920	-0.920
13	Commenced	08-05-2015	Dist Midp	0.000	-1.500
14	Completed	10-05-2015	Dist Aft	6.630	6.630
15	Year of Build	2008	App Trim	1.8150	0.0000
16	Gross	15400.00	True Trim	1.8997	0.0837
17	Nett	7600.00	1/4 mean	6.2555	9.1604
18	LOA	171.00	Scale density	1.0250	1.0250
19	LBP	169.40	Deck Density	1.00000	0.99600
20	Breadth	22.10	Dwg @ 1/4 mean	21746.37	32933.17
21	Depth	18.5000	Tpc	37.569	39.410
22	Displacement	19465.00	Lcf (if aft)	-3.589	1.176
23	Deadweight	27500.00	Met+	398.00	453.39
24	Light Ship	6088.00	Met-	381.00	435.49

  

Hydrostatic Data		
Arrival	Below	Above
Draught	6.25	6.26
Displacement	21726.00	21761.00
TPC	37.560	37.560
LCF A	88.256	88.283
MCT+ilicon	398.00	398.00
MCT-Goon	381.00	381.00
Departure		
Draught	9.15	9.17
Displacement	32892.00	32971.00
TPC	39.400	39.420
LCF A	83.516	83.513
MCT+ilicon	453.30	453.48
MCT-Goon	435.40	435.58

STATEMENT OF ....

F A C T S

# TURNING DATA INTO VALUE

1	File Save Ref	Way No. 259			
2	Date	10-05-2015	WT Lading	tonnes	10990.00
3	Ship Name	Gesta C	Port	Noreport	
4	Port of Reg.	Togoport	Draught		
5	Flag	ROM	Arrival	Departure	
6	Owner	Caribbean Shipping	Fore p	5.3700	9.1000
7	Capt	D.O.	Fore s	5.3700	9.1000
8	Cargo Officer	S.T.	Mid p	6.2750	9.1500
9	Berth	143	Mid s	6.2000	9.1850
10	Agents	United Agents	Aft p	7.1900	9.1800
11	Cargo	Coal	Aft s	7.1800	9.1800
12	Arrived	08-05-2015	Dist Ep	-0.920	-0.920
13	Commenced	08-05-2015	Dist Midp	0.000	-1.500
14	Completed	10-05-2015	Dist Ap	6.630	6.630
15	Year of Build	2008	App Trim	1.8150	0.0800
16	Gross	15400.00	True Trim	1.8997	0.0837
17	Net	7600.00	3/4 mean	6.2555	9.1604
18	LOA	171.00	Scale density	1.0250	1.0250
19	LBP	169.40	Deck Density	1.00000	0.99800
20	Breadth	22.10	Dwg @ 3/4 mean	21746.37	32933.17
21	Depth	18.5000	Typ	37.560	39.410
22	Displacement	19485.00	Lcl (- if aft)	-3.589	1.176
23	Dreadnought	27500.00	Net+	398.00	453.30
24	Light Ship	6088.00	Net-	381.00	435.49

  

If the Hydrostatics are from the top of the keel enter keel correction in mm		
<b>Hydrostatic Data</b>		
<b>Arrival</b>		
	Below	Above
Draught	6.25	6.26
Displacement	21726.00	21763.00
TPC	37.560	37.560
LOF	A	88.296
MCT+50cm	398.00	395.00
MCT-50cm	381.00	381.00
<b>Departure</b>		
Draught	9.15	9.17
Displacement	32892.00	32971.00
TPC	39.400	39.420
LOF	A	83.516
MCT+50cm	453.30	451.48
MCT-50cm	435.40	433.58



# THE MARITIME DIGITAL UNIVERSE



The maritime digital universe

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# LEAP

## LEADERSHIP IN ENERGY AUTOMATED PROCESSES



“LEAP’s Mission is to enable excellent processing interaction in the energy supply & trading industry while capitalizing on standardization and digital innovation to create lasting efficiencies”.

**Founding Members: SHELL - BP - TOTAL  
(TOTSА) - CHEVRON**





# DIGITAL CHARTERING

## MarDocs™



# DIGITILISATION = ONE SOURCE OF TRUTH

THANK YOU



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