

FUEL EFFICIENCY FUEL MONTHLY REPORT

Fuel Consumption**812.9 m³****Fuel Saved*****120.5 m³****Fuel Potential Savings ******53.6 m³**

REPORT DESCRIPTION

This report aims to highlight inefficiency in the **Shell Nigeria Exploration and Production Company** fleet fuel consumption for **Oct 2021** and provides possible action that should be taken in order to improve the overall fuel efficiency.

This report consists of two sections, 'Fuel consumption follow-up' and 'Reduce fuel consumption'. The first section offers a view on consumption of the fleet. You can also check if the consumption is in line with what Opsealog model is expecting. Reasons for discrepancies can be crew reporting mistakes, vessel performances better/worst than their sisterships. Some external parameters are not considered by the Opsealog algorithm.

The second section aims to highlight fuel potential savings, fuel already saved and more generally how to improve the fuel efficiency of your fleet. Opsealog analysts can give you more explanations if needed.

FLEET

Bello 2015, Olice 2, A100, Anaiah, A10, SVS Avery

OBSERVATION AND SUGGESTED FOLLOW-UP

For any question and/or remark, please contact our consulting team.

NOTE

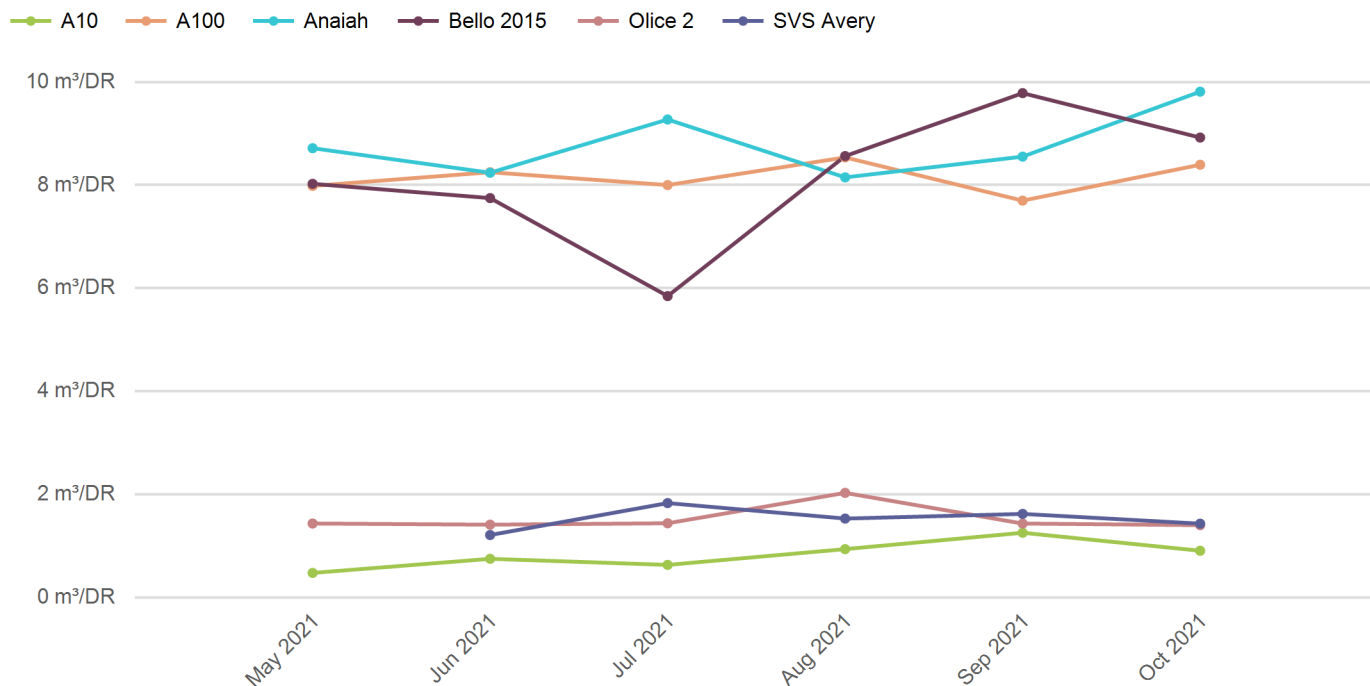
* Fuel saved compared to the screening period practices.

** Fuel potential saving is fuel that could have been saved if the best practices were applied.

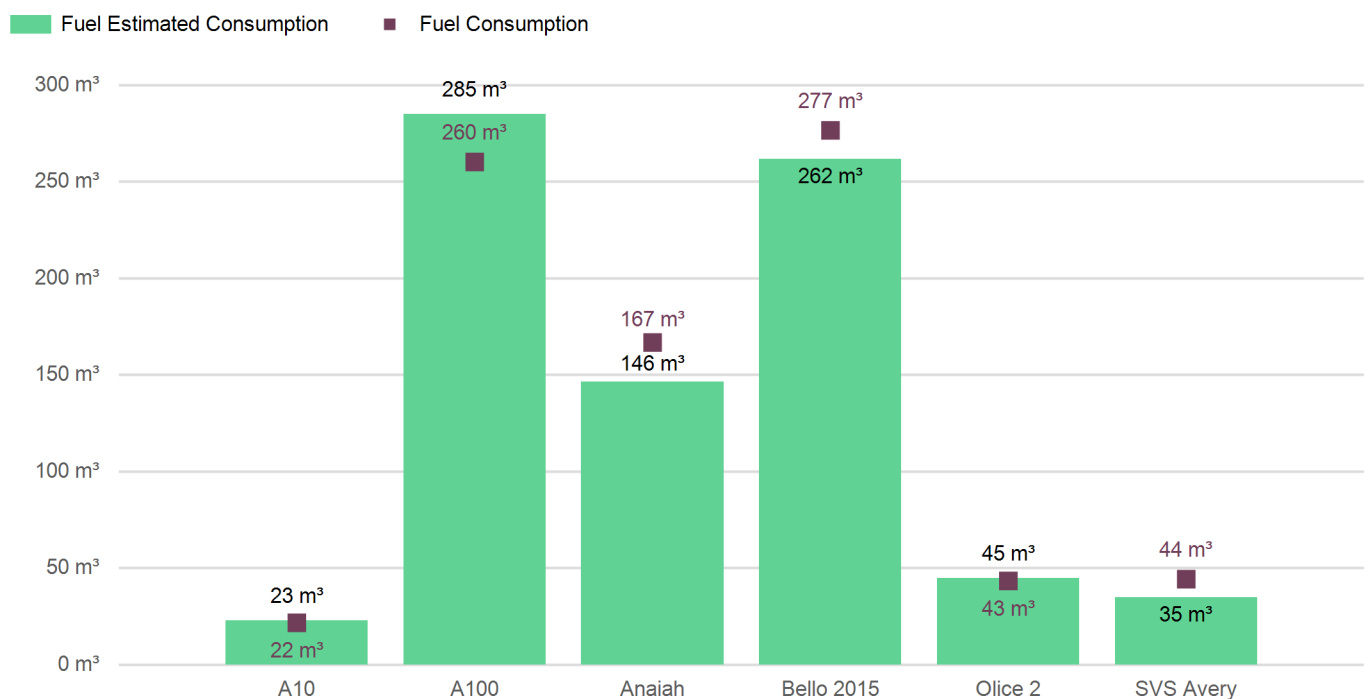


I. FUEL CONSUMPTION FOLLOW-UP

AVERAGE DAILY CONSUMPTION - LAST 6 MONTHS



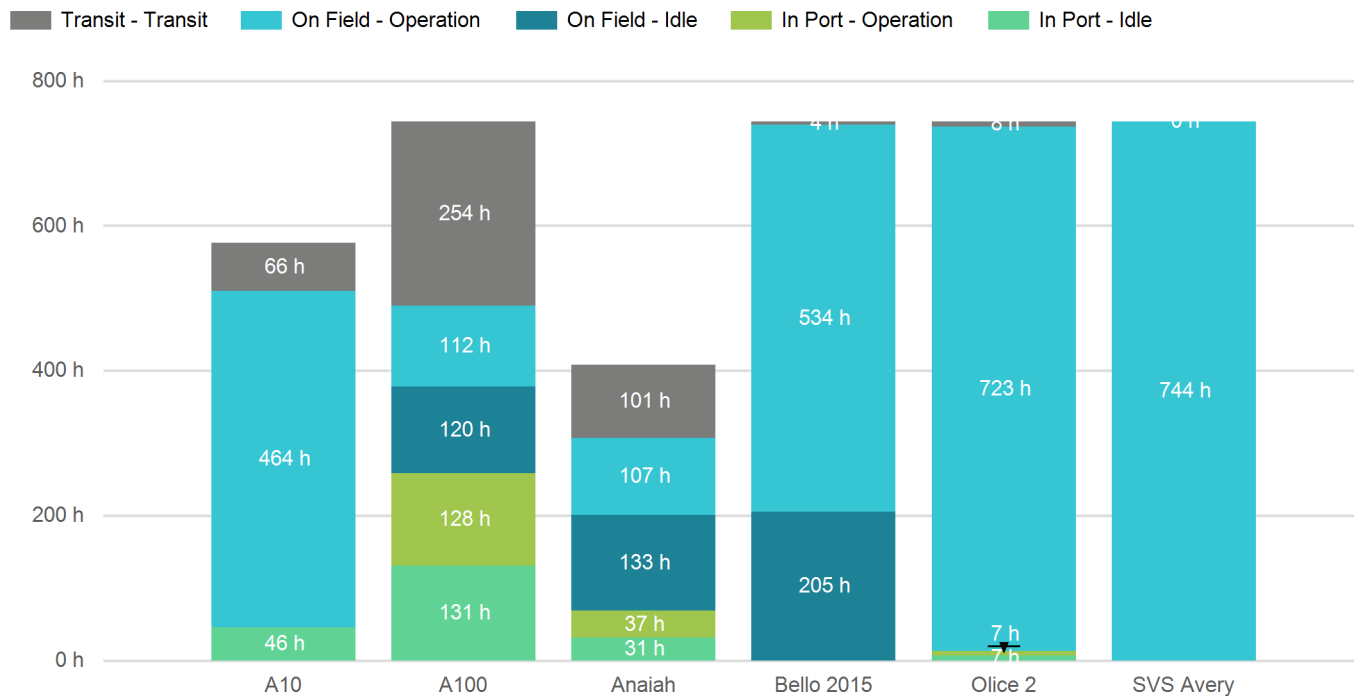
MONTHLY ESTIMATED CONSUMPTION



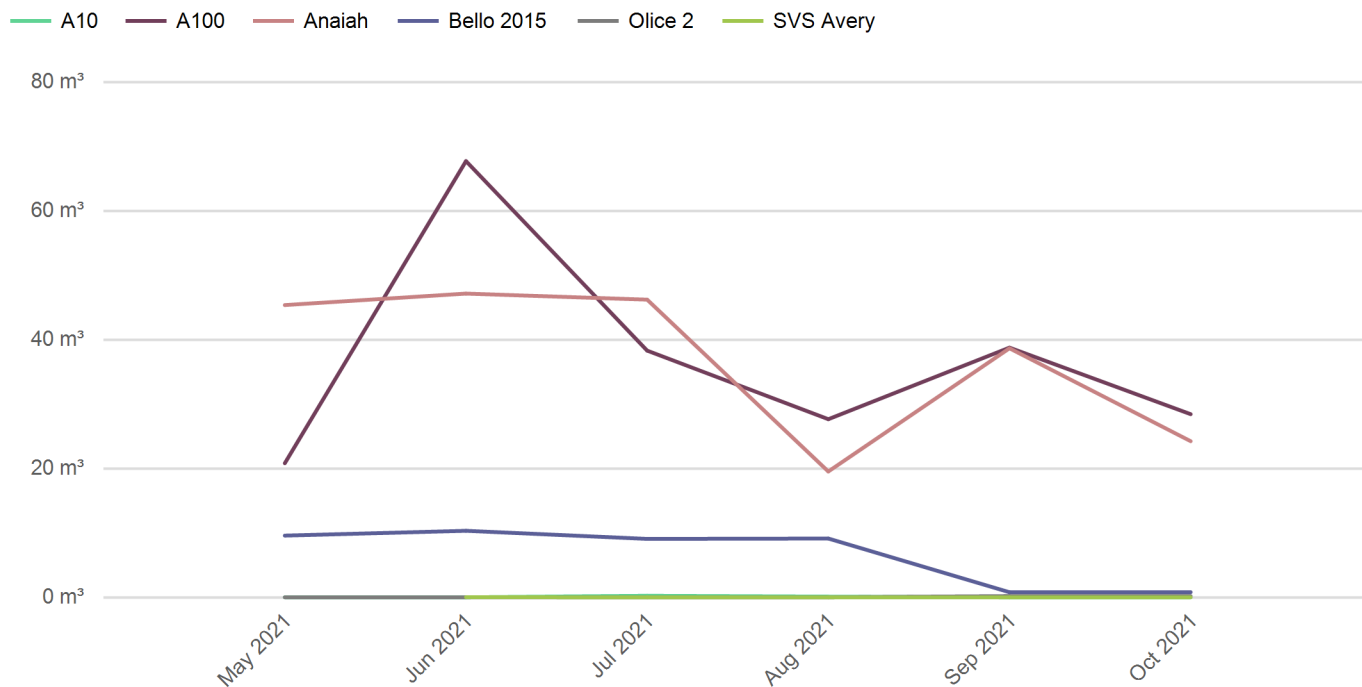


II. REDUCE FUEL CONSUMPTION

OPERATIONAL PROFILE

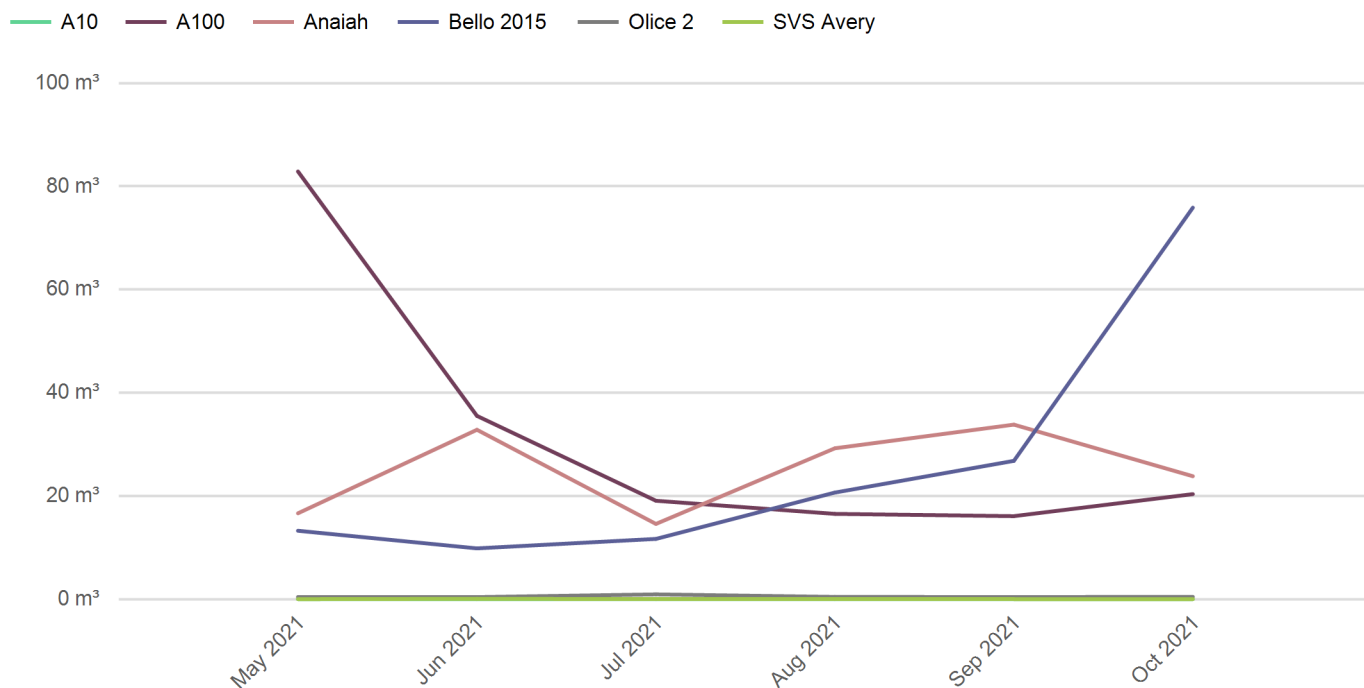


FUEL POTENTIAL SAVINGS SUMMARY - LAST 6 MONTHS



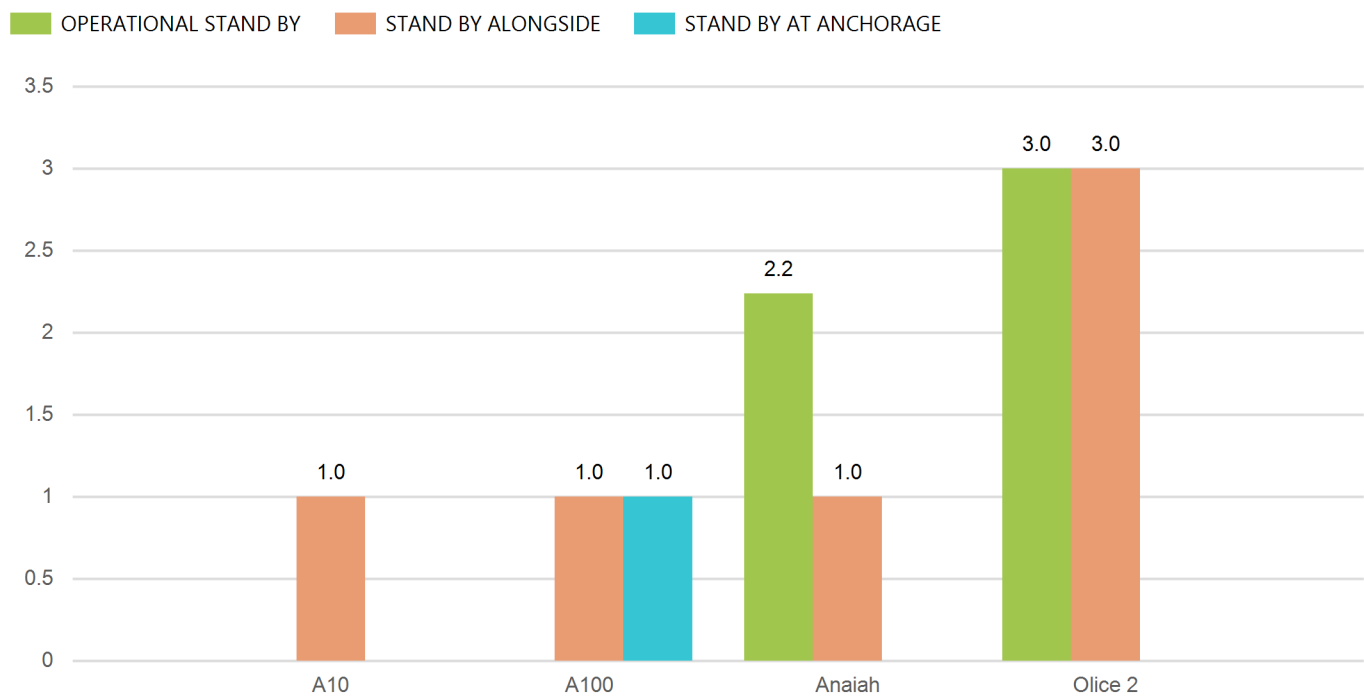


FUEL SAVED SUMMARY- LAST 6 MONTHS



a. IN PORT

NUMBER OF ENGINES USED IN STAND-BY IN PORT



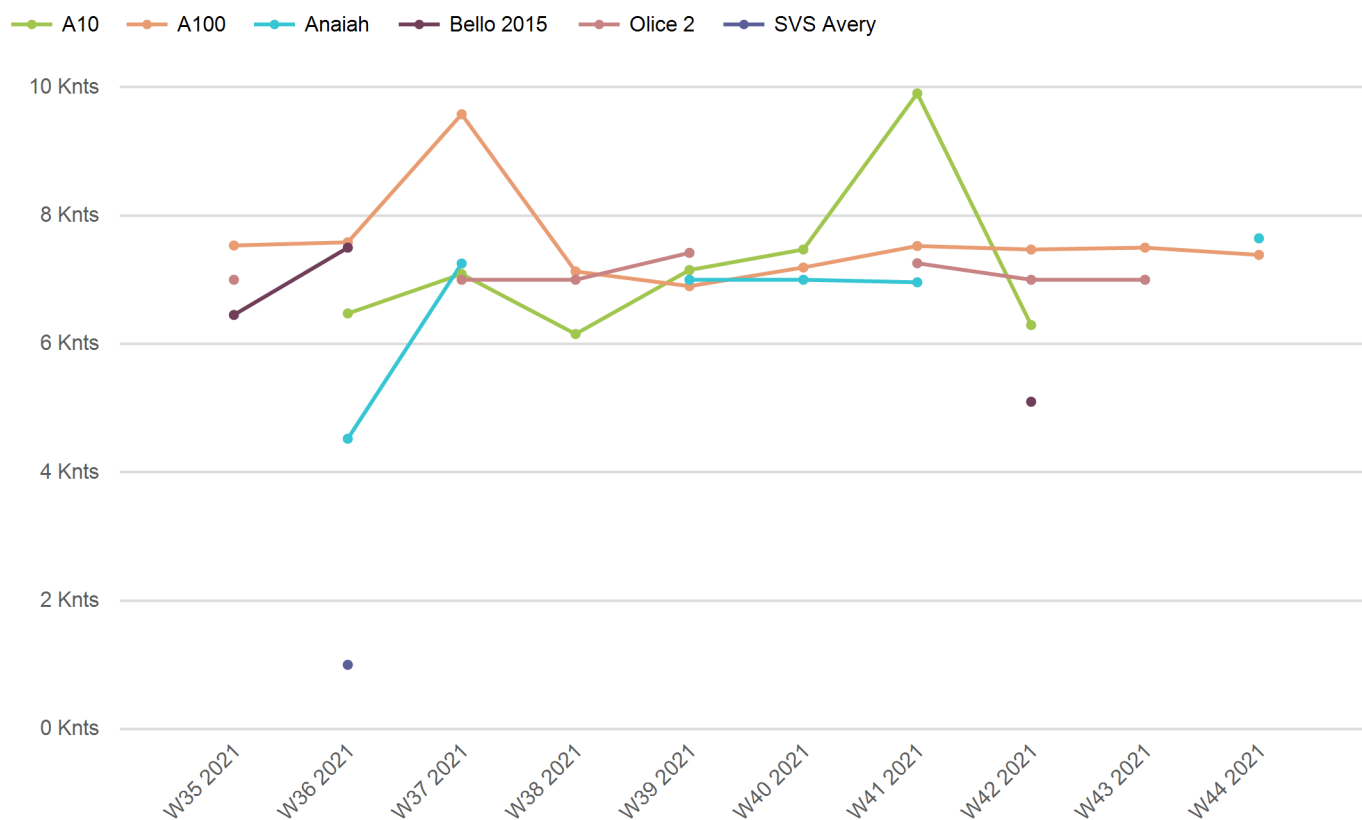


IN PORT OVERVIEW

Vessel	Fuel Potential Savings (m ³)	Vessel Operation Duration (h)	Avg Main Engine Used	Avg Auxiliary Engine Used
A10	0.0	46.0	0.0	1.0
A100	0.0	258.3	1.1	0.0
Anaiah	0.1	68.4	1.3	0.0
Olice 2	0.2	13.0	2.0	1.0
Total	0.3	385.8	1.0	0.2

b. TRANSIT

AVERAGE SPEED - LAST 10 WEEKS





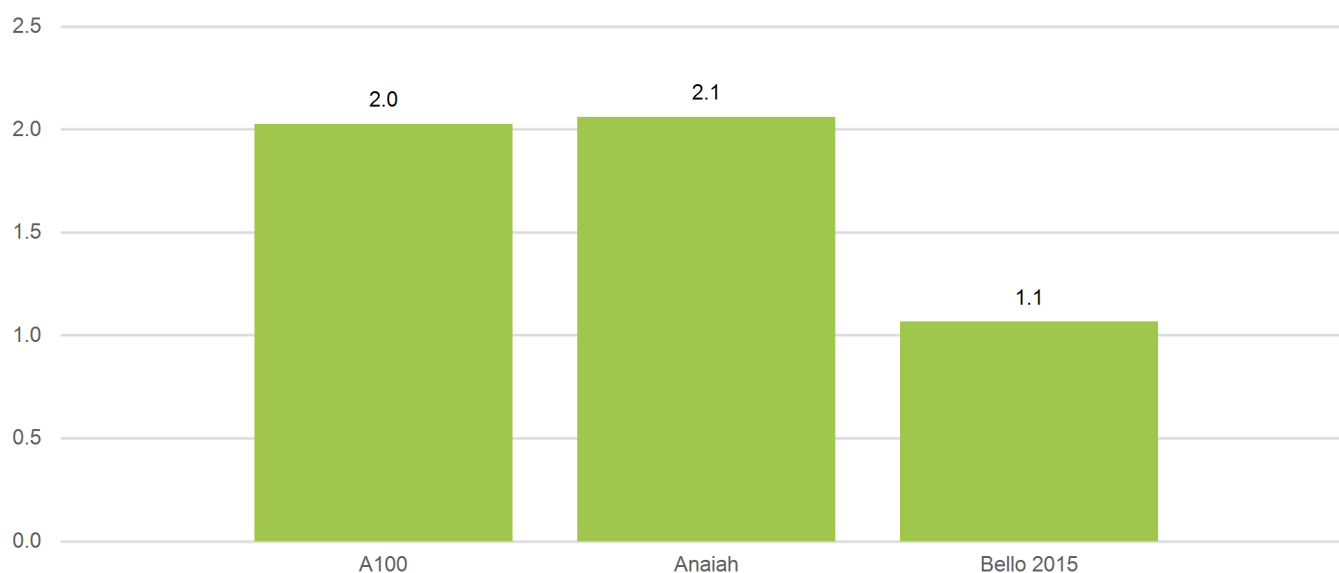
TRANSIT OVERVIEW

Vessel	Operational Activity	Fuel Potential Savings (m ³)	Vessel Operation Duration (h)	Avg Speed	Nb Of High Speed Transit followed by Stand By > 1h	Distance Sailed	Avg Main Engine Used	Avg Engine Load (%)
A10	INTERFIELD	0.0	7.0	6.3	0	44.0	2.0	
	TRANSIT TO FIELD	0.0	47.3	8.5	0	401.4	2.0	
	TRANSIT TO PORT	0.0	12.0	7.7	1	92.0	2.0	
A100	TRANSIT TO PORT	5.5	132.6	7.4	0	986.4	3.0	65.0%
	TRANSIT TO FIELD	3.5	116.1	7.6	1	881.1	3.0	65.9%
	INTERFIELD	0.2	5.5	4.7	1	25.8	2.7	48.8%
Anaiah	TRANSIT TO FIELD	7.9	67.0	7.3	1	490.0	3.0	65.0%
	TRANSIT TO PORT	3.9	33.6	7.4	0	246.9	3.0	64.7%
Bello 2015	INTERFIELD	0.1	4.3	5.1		22.2	1.1	54.9%
Olice 2	SECURITY ESCORT	0.0	2.5	7.6		19.0	2.0	56.4%
	TRANSIT TO FIELD	0.0	2.2	6.7		14.4	2.0	50.5%
	TRANSIT TO PORT	0.0	2.9	7.0		20.1	2.0	52.7%
SVS Avery	TRANSIT TO FIELD	0.0	0.0			0.0	2.0	
Total		21.0	433.0	6.9	4	3,243.3	2.8	58.2%

c. ON FIELD

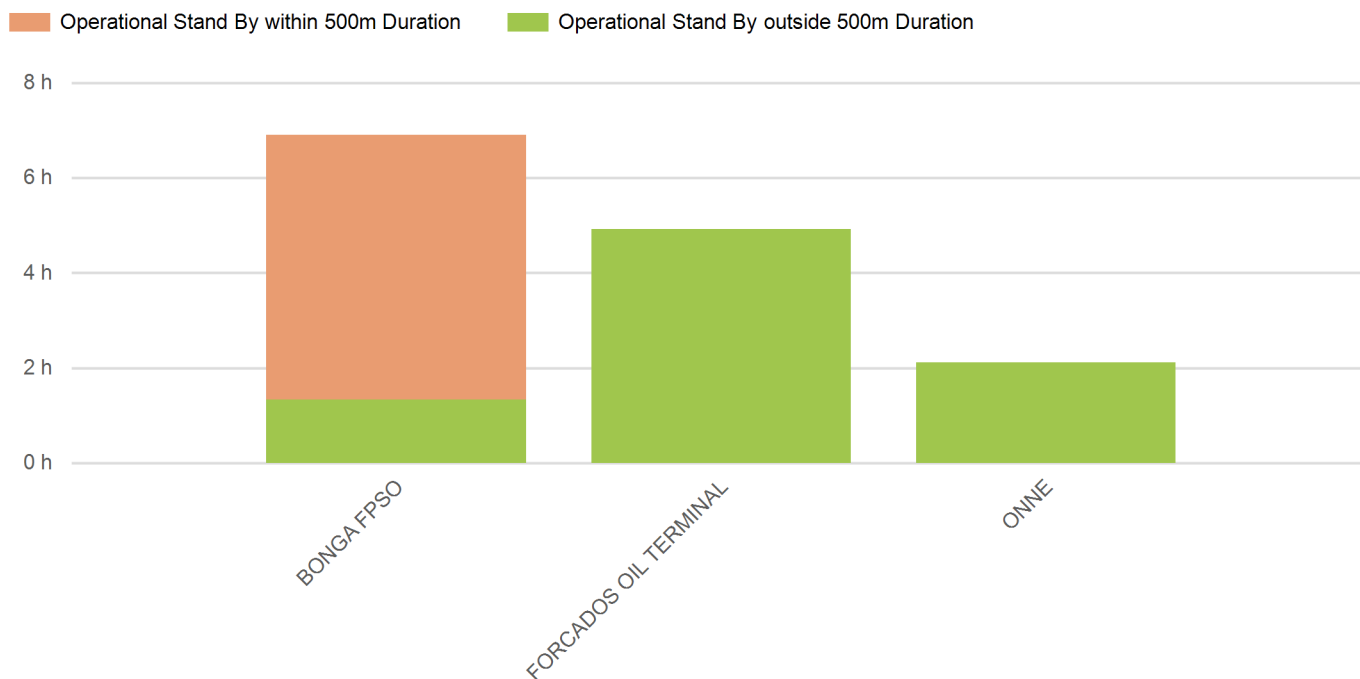
NUMBER OF ENGINES USED IN STAND-BY > 1h

■ Avg Engine Used during a Stand-By > 1h



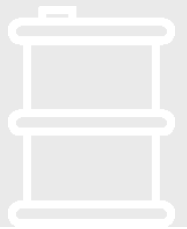


OPERATIONAL STAND-BY INSIDE AND OUTSIDE 500m ZONE



ON FIELD STAND-BY OVERVIEW

Vessel	Stand-by Type	Fuel Potential Savings (m ³)	Vessel Operation Duration (h)	Avg Main Engine Used	Avg Auxiliary Engine Used
A100	In DP	19.2	119.8	2.0	0.0
Anaiah	In DP	11.7	125.3	2.1	0.0
	Drifting with minimum power	0.3	3.0	2.0	0.0
Bello 2015	At buoy	0.2	195.4	0.0	1.0
	Very Slow steaming	0.0	7.2	1.0	1.0
Total		31.4	450.6	1.2	0.4



ON FIELD OPERATIONAL STAND-BY OVERVIEW

Vessel	Fuel Potential Savings (m ³)	Vessel Operation Duration (h)	Avg Main Engine Used	Avg Auxiliary Engine Used
Anaiah	0.4	4.2	3.0	0.0
Bello 2015	0.5	2.7	2.0	1.0
Total	0.9	6.9	1.2	0.4