

Fuel potential savings per status and per vessel

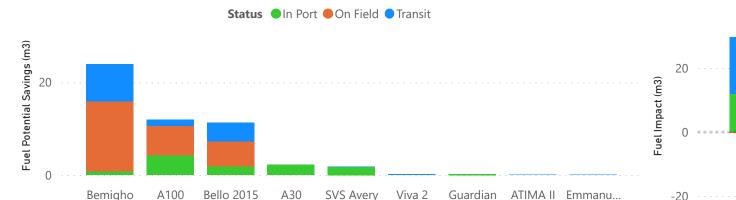
11 vessels are in challenge and 3 are in screening (ANAIAH; GUARDIAN 9; NNS IRRUA) - best fuel savings are measured on A100 and WARAMI - a significant degradation of practices observed on BEMIGHO. There is still improvement to develop on PSV's and BELLO 2015, especially on field then at port.

Security vessels have overall good practices or do not declared challengeable activities.

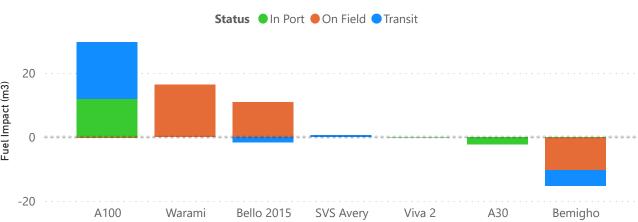
Vessel Type	Vessel	Number of daily reports	Fuel consumption per day (m3)	Fuel consumption actual (m3)	Fuel potential savings (m3)	Fuel impact (m3)	Fuel consumption before Opsealog (m3) *	Optimal fuel consumption (m3) **
AHTS	Bello 2015	31	3.2	100.4	11.3	9.3	109.7	89.1
AHTS	Warami	31	7.3	226.3		16.4	242.7	226.3
PSV	A100	31	7.7	237.5	11.9	29.6	267.0	219.7
PSV	Bemigho	31	9.6	297.2	23.9	-15.2	282.0	272.4
Security Vessel	A10	31	1.0	29.8	0.0	0.0	29.8	29.8
Security Vessel	A30	31	1.2	37.1	2.2	-2.2	34.9	34.7
Security Vessel	ATIMA II	31	1.5	47.6	0.1	0.0	47.6	47.5
Security Vessel	Emmanuella IV	31	1.5	45.5	0.1	0.0	45.5	44.8
Security Vessel	Guardian 11	31	0.3	9.5	0.2	0.0	9.5	9.3
Security Vessel	SVS Avery	31	1.5	45.3	1.8	0.6	45.9	43.5
Security Vessel	Viva 2	31	1.5	46.7	0.2	0.0	46.6	46.5
Total		341	3.3	1122.9	51.7	38.3	1161.2	1063.6

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IV



Fuel impact per status and per vessel



^{* &}lt;u>Fuel Consumption</u> <u>before Opsealog</u> is the calculated fuel consumption without Opsealog impact.

^{** &}lt;u>Optimal fuel</u>
<u>consumption</u> is the
calculated fuel
consumption that can
be reached if all good
practices are applied

Bello 2015 - AHTS (in challenge)

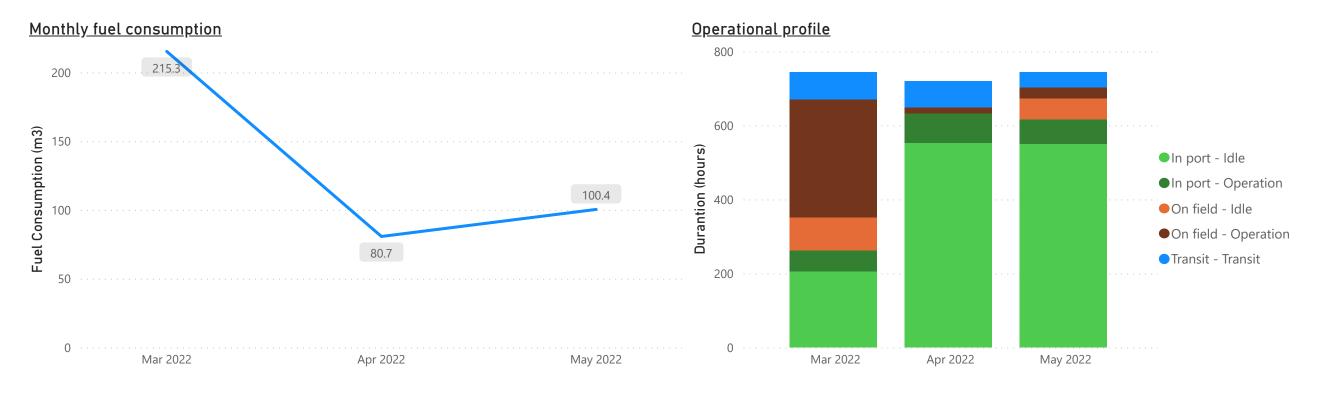
Best practices and recommendations

Mostly in maintenance at port this month, good practices while idle at port.

Has good speed and engine load while transiting but overusing auxiliary engines.

Would save more fuel if at SEA EAGLE FPSO she would drop the anchor and stop her main engines. She is also overusing her auxiliary engines while stand by on field.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	100.4	11.3	9.3	0.4	7.0	290.3
Apr 2022	30	80.7	0.1	21.3	0.1	4.3	306.5
Mar 2022	31	215.3	13.9	30.8	1.1	6.6	485.0
Total	92	396.4	25.2	61.4	0.5	5.8	1081.7



Bello 2015 - AHTS (in challenge)

stand-by on field

Operational

Stand-by in port

Transit

field	Month ▼	Fuel Potential Savings (m3)	Fuel impac	ct (m3)	Avg Main Engine Used		Avg Auxiliary Engine Used		Operation Duration (h)
O	May 2022	5	.3	6.0		2.0		2.0	58.0
by o	Apr 2022								
1	Mar 2022	5	.2	12.0		1.5		1.2	84.8
Stand	Total	10	5	18.0		1.7		1.5	142.8

Month	Fuel Potential Savings (m3)		Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Operation Duration (h)
May 2022			5.0			
Apr 2022			2.9			
Mar 2022		0.9	14.4	2.0	1.5	4.8
Total		0.9	22.2	2.0	1.5	4.8

Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Operation Duration (h)
May 2022	1.9	0.0	0.0	0.1	491.6
Apr 2022	0.1	0.0	0.0	0.0	77.3
Mar 2022	6.2	0.0	0.4	1.1	204.9
Total	8.2	0.0	0.1	0.3	773.9

Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Avg Speed (kn)	Distance Sailed (NM)	Operation Duration (h)
May 2022	4.0	-1.6	2.0	2.0	7.0	290.3	41.5
Apr 2022	0.0	18.5	1.0	0.2	4.3	306.5	71.5
Mar 2022	1.6	4.4	2.1	1.8	6.6	485.0	74.0
Total	5.6	21.2	1.6	1.2	5.8	1081.7	187.0

On field: Stand-by type

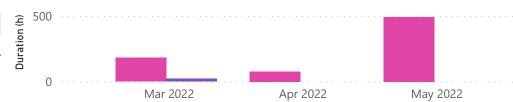


On field: Operational stand-by per location



In port: Stand-by type





Transit: Speed range

●<= 6 knts ●6 - 7 knts ●7 - 8 knts



Warami - AHTS (in challenge)

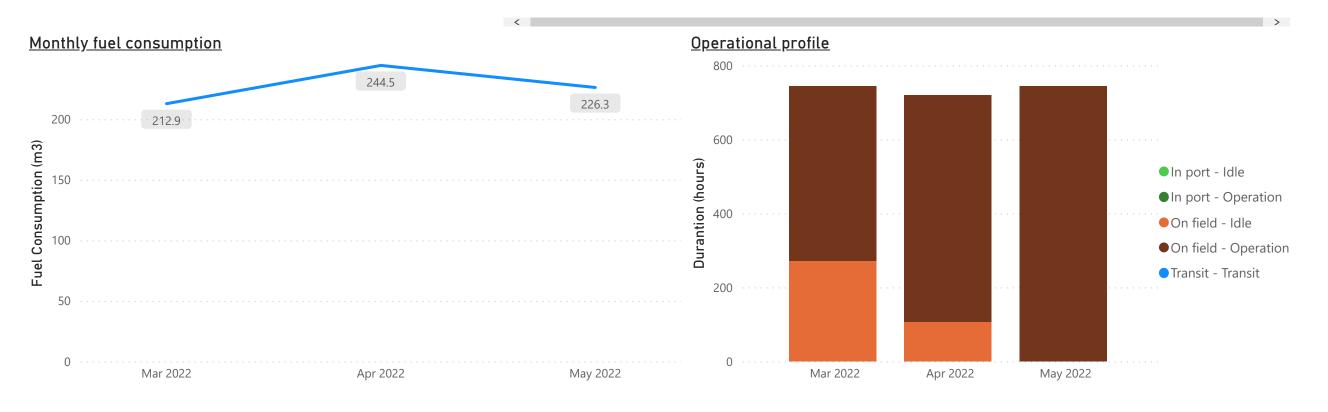
Best practices and recommendations

Very good practices on field: no operational stand by and good usage of engine while outside 500m.

Numerous stand by outside 500m mis-declared, data quality to be improved.

No transit declared or time at port declared.

Month	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
_							
May 2022	31	226.3	0.0	16.4	1.5		0.0
Apr 2022	30	244.5	1.0	39.9	1.7		0.0
Mar 2022	31	212.9	0.0	83.4	1.4		0.0
Total	92	683.7	1.0	139.6	1.6		0.0



Warami - AHTS (in challenge)

Stand-by on field	Month ▼	Fuel Potential Savings (m3)	Fu	uel impact (m3)	Avg Main Engine Used	Avg Auxiliar Engine Used		Operation Duration (h)	On field: Stand-by type On field: Stand-by type On field: Stand-by type In DP
uc	May 2022		0.0	0.1	1.	0	0.0	0.5	
>	Apr 2022		1.0	24.1	1.	0	0.0	107.7	£ 200 ······
<u> </u>	Mar 2022		0.0	67.1	1.	0	0.0		Duration (5) 200
anc	Total		1.0	91.2	1.	0	0.0	380.5	
Stá									0 Mar 2022 Apr 2022 May 2022
tional on field	Month	Fuel Potential Savings (m3)	Fu	uel impact (m3)	Avg Main Engine Used	Avg Auxiliar Engine Used		Operation Duration (h)	On field: Operational stand-by per location
one n f	May 2022			16.3					
atic y o	Apr 2022			15.8					<u> </u>
Operational nd-by on fie	Mar 2022			16.3					Duration (h)
Operai stand-by	Total			48.4					
oort	Month	Fuel Potential Savings (m3)	Fu	uel impact (m3)	Avg Main Engine Used	Avg Auxiliar Engine Used		Operation Duration (h)	<u>In port: Stand-by type</u>
	May 2022			0.0					
<u>></u>	Apr 2022			0.0					(L)
<u>0</u>	Mar 2022			0.0					Duration (h)
Stand-by in port	Total			0.0					
	Month ▼	Fuel Potential Savings (m3)	Fuel imp (m3)		Avg Auxilia ed Engine Use			ance Operation ed (NM) Duration (h)	<u>Transit: Speed range</u>
<u>.</u> =	May 2022								
Transit	Apr 2022								Duration (h)
Te	Mar 2022								ratio
	Total								On On One

A100 - PSV (in challenge)

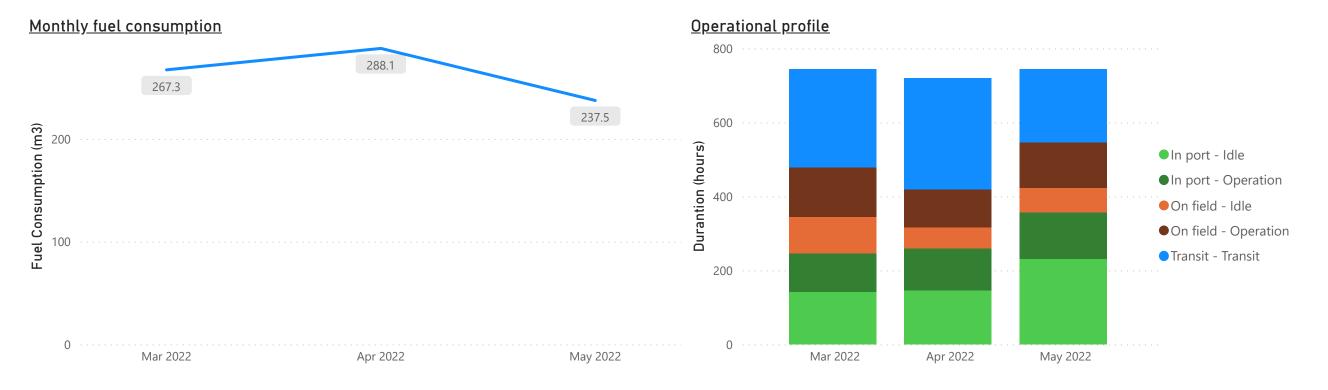
Best practices and recommendations

Good practices in transit, had a long escort high speed transit. Few DP stand by at BONGA FPSO using 3 main generators waiting for instructions.

Inside 500m, few stand by waiting for BONGA FPSO or ENSCO DS-10 instruction.

Good practices at port except one long stand by alongside at ONNE using 3 main generators.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	237.5	11.9	29.6	2.0	7.2	1414.9
Apr 2022	30	288.1	17.7	24.4	2.4	6.8	1903.4
Mar 2022	31	267.3	6.8	32.0	2.2	6.8	1805.6
Total	92	792.8	36.5	86.0	2.2	6.9	5123.9



A100 - PSV (in challenge)

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Operational stand-by on field

Stand-by in port

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Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Operation Duration (h)
May 2022	2.7	-0.5	2.3	0.0	45.5
Apr 2022	3.9	-1.7	2.4	0.0	44.2
Mar 2022	3.5	1.0	2.1	0.0	89.7
Total	10.1	-1.2	2.2	0.0	179.3

Month ▼	Fuel Potential Savings (m3)		Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Operation Duration (h)
May 2022		3.6	0.3	2.9	0.0	19.5
Apr 2022		2.4	0.5	2.8	0.0	12.9
Mar 2022		1.8	1.4	3.0	0.0	10.0
Total		7.8	2.1	2.9	0.0	42.4

Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Operation Duration (h)
May 2022	4.2	12.0	1.2	0.0	219.8
Apr 2022	8.9	2.1	1.5	0.0	146.7
Mar 2022	0.4	10.1	1.0	0.0	141.6
Total	13.5	24.2	1.2	0.0	508.1

Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Avg Speed (kn)	Distance Sailed (NM)	Operation Duration (h)
May 2022	1.4	17.7	3.0	0.0	7.2	1414.9	196.8
Apr 2022	2.6	23.5	3.0	0.0	6.8	1903.4	280.8
Mar 2022	1.0	19.6	2.9	0.0	6.8	1805.6	265.7
Total	5.0	60.8	2.9	0.0	6.9	5123.9	743.4

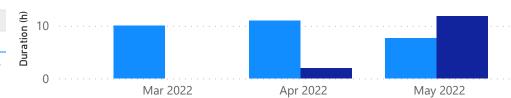
On field: Stand-by type





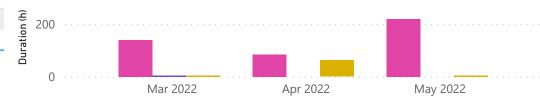
On field: Operational stand-by per location





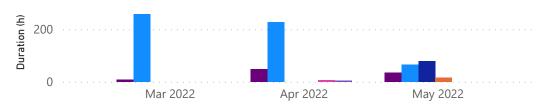
In port: Stand-by type

● Alongside ● At anchorage ● Other



Transit: Speed range





Bemigho - PSV (in challenge)

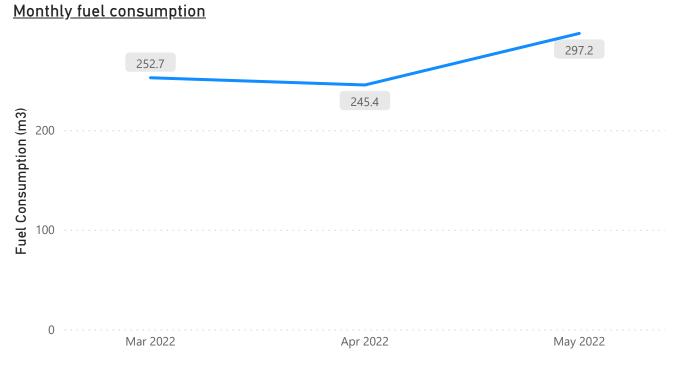
Best practices and recommendations

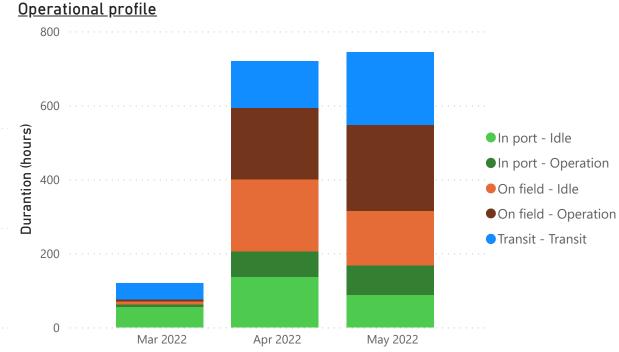
Spent more than twice much time on field operational stand by than previous month and with higher engine configuration (mainly at ENSCO DS-10).

She did less stand by outside 500m on field but with higher engine configuration.

Is using too many engines while transiting, stand by at port or at anchorage.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	297.2	23.9	-15.2	2.3	7.9	1551.4
Apr 2022	30	245.4	20.2	1.4	1.7	7.6	962.6
Mar 2022	31	252.7	2.5	0.2	1.5	7.0	304.3
Total	92	795.3	46.6	-13.6	2.0	7.7	2818.2





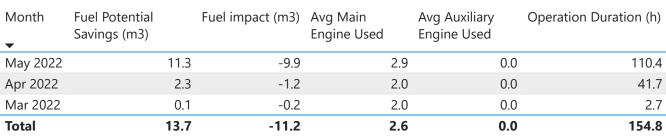
Bemigho - PSV (in challenge)

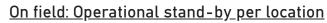
Apr 2022 Mar 2022 Total	17.4
0	4-
Savings (m3) May 2022	3.9
Month Fuel Potential	

Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Operation Duration (h)
May 2022	3.9	-0.2	2.2	0.0	30.9
Apr 2022	17.4	2.0	2.0	0.0	147.1
Mar 2022	0.6	0.0	2.0	0.0	4.8
Total	21.9	1.9	2.0	0.0	182.8

Duration (h)	On field: Stand-by type
	Drifting with minimum power
30.9	
147.1 4.8	<u>£</u> 100 · · · · · · · · · · · · · · · · · ·
	Duration (h)
182.8	D
	0 · · · · · · · · · · · · · · · · · · ·

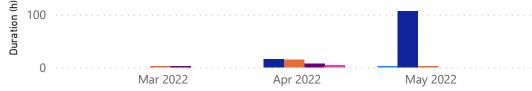
	Driftir	ng wit	h mi	nimı	um	рс)We	er		In	DI	P	•	Ve	ry	Slo	W	st	eai	mi	ng											
Duration (h)	100																															
	0					Ma	r 2	02	2							Α	pr	20)22	2			1		М	ay	2()22	2	 		







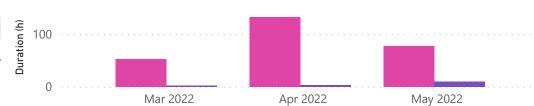
●BONGA FPSO ●ENSCO DS-10 ●SEA EAGLE EA DPA ●SEA EAGLE EA DPJ ●SEA EAGLE PSO



Fuel impact (m3) Avg Main Operation Duration (h) Month **Fuel Potential** Avg Auxiliary **Engine Used** Savings (m3) **Engine Used** May 2022 0.7 -0.2 1.3 0.0 86.9 Apr 2022 0.3 0.5 1.1 0.0 136.2 54.9 Mar 2022 0.1 0.2 0.0 1.1 1.2 0.5 1.1 0.0 278.0 **Total**

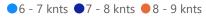
In port: Stand-by type





Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Avg Speed (kn)	Distance Sailed (NM)	Operation Duration (h)
May 2022	8.0	-4.9	2.3	0.0	7.9	1551.4	196.1
Apr 2022	0.1	0.1	2.0	0.0	7.6	962.6	126.3
Mar 2022	1.7	0.1	2.0	0.0	7.0	304.3	43.5
Total	9 9	-47	22	0.0	77	2818 2	365 9

Transit: Speed range





Stand-by in port

Transit

stand-by on field

Operational

A10 - Security Vessel (in challenge)

Best practices and recommendations

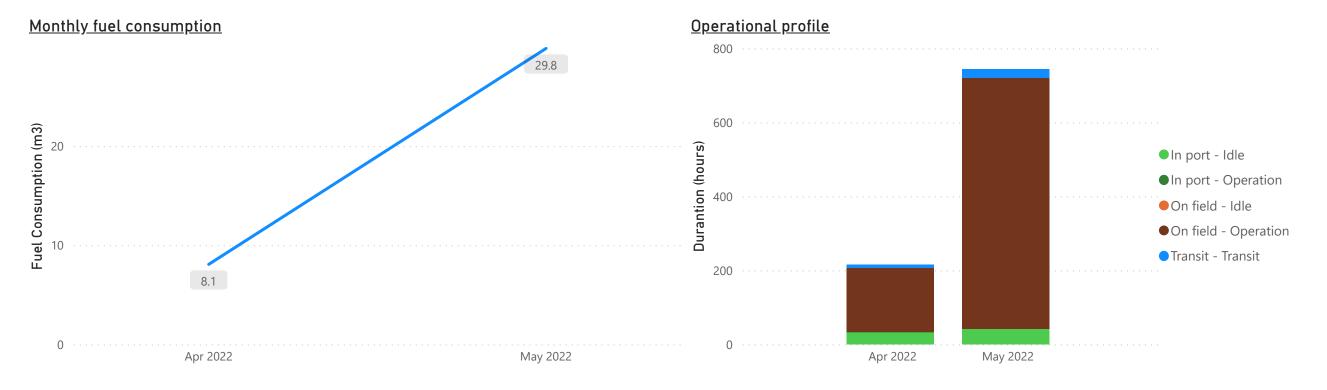
Mostly declaring patrol or escort.

Few transits done with good practices.

No stand by on field or at port declared.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	29.8	0.0	0.0	1.9	4.2	2944.0
Apr 2022	9	8.1	0.6	0.0	1.9	4.4	797.8
Mar 2022				0.0			
Total	40	37.9	0.6	0.0	1.9	4.3	3741.8

^{*}Data quality to be improved especially in port (lots of maintenance declared instead stand by)

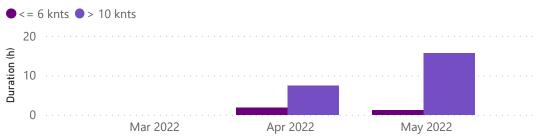


A10 - Security vessel (in challenge)

A10 -	Securit	ty vessel (in challe	enge)					
field	Month ▼	Fuel Potential Savings (m3)	Fuel in	mpact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used		ion Duration (h)	On field: Stand-by type
L	May 2022								
>	Apr 2022								(1)
<u>Q</u>	Mar 2022								Duration (h)
Stand-by on field	Total								ā
al field	Month ▼	Fuel Potential Savings (m3)	Fuel ir	mpact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used		ion Duration (h)	On field: Operational stand-by per location
Operational nd-by on fi	May 2022			0.0					
ati	Apr 2022			0.0					Duration (h)
oer J-b	Mar 2022			0.0					ura tic
Operational stand-by on field	Total			0.0					ă
oort	Month ▼	Fuel Potential Savings (m3)	Fuel ir	mpact (m3)	Avg Main Engine Used	Avg Auxiliar Engine Used	, ,	ion Duration (h)	In port: Stand-by type
	May 2022			0.0					
<u>></u>	Apr 2022			0.0					(1)
<u> </u>	Mar 2022			0.0					Duration (h)
Stand-by in port	Total			0.0					ā
	Month	Fuel Potential	Fuel impact	Ava Main	Avg Auxiliary	Avg Speed	Distance	Operation	<u>Transit: Speed range</u>
	•	Savings (m3)	(m3)	_	ed Engine Used	(kn)	Sailed (NM)	Duration (h)	●<= 6 knts ●> 10 knts

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Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Avg Speed (kn)	Distance Sailed (NM)	Operation Duration (h)
May 2022	0.0	0.0	2.0	1.0	11.6	195.5	16.9
Apr 2022	0.6	0.0	3.0	1.0	11.6	107.1	9.2
Mar 2022							
Total	0.6	0.0	2.4	1.0	11.6	302.6	26.1



A30 - Security Vessel (in challenge)

Best practices and recommendations

Mostly declaring patrol or escort.

She is using main engine(s) while stand by alongside.

Few transits done with good practices.

No stand by on field declared.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	37.1	2.2	-2.2	1.9	5.2	3361.7
Apr 2022	12	17.0	0.5	-0.5	1.8	5.0	1157.6
Mar 2022				0.0			
Total	43	54.1	2.7	-2.7	1.9	5.2	4519.3



A30 - Security vessel (in challenge)

Fuel Potential

Savings (m3)

Stand-by on field

stand-by on field

Operational

Stand-by in port

Transit

Month

May 2022

Apr 2022 Mar 2022

Month ▼	Fuel Potential Savings (m3)		Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used		Operation Duration (h)
May 2022							
Apr 2022		0.0	0.0	2.0		1.0	7.0
Mar 2022							
Total		0.0	0.0	2.0		1.0	7.0

•	Dri	ifting with minimum power		
Duration (h)	5			
	0		 	

Apr 2022

May 2022

Fuel impact (m3) Avg Main Avg Auxiliary Operation Duration (h) Engine Used Engine Used

0.0

Total 0.0

On field: Operational stand-by per location

Mar 2022

On field: Stand-by type

Duration (h)

Month ▼	Fuel Potential Savings (m3)		Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Operation Duration (h)
May 2022		2.2	-2.2	1.0	1.0	82.2
Apr 2022		0.5	-0.5	0.4	1.0	42.9
Mar 2022			0.0			
Total		2.7	-2.7	0.8	1.0	125.1

Alongside 100 50 Mar 2022 Apr 2022 May 2022

Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Avg Speed (kn)	Distance Sailed (NM)	Operation Duration (h)
May 2022	0.0	0.0	2.0	1.0	9.0	307.6	34.1
Apr 2022	0.0	0.0	2.0	1.0	9.8	90.2	9.2
Mar 2022							
Total	0.0	0.0	2.0	1.0	9.2	397.8	43.3



In port: Stand-by type



Atima II - Security vessel (in challenge)

Best practices and recommendations

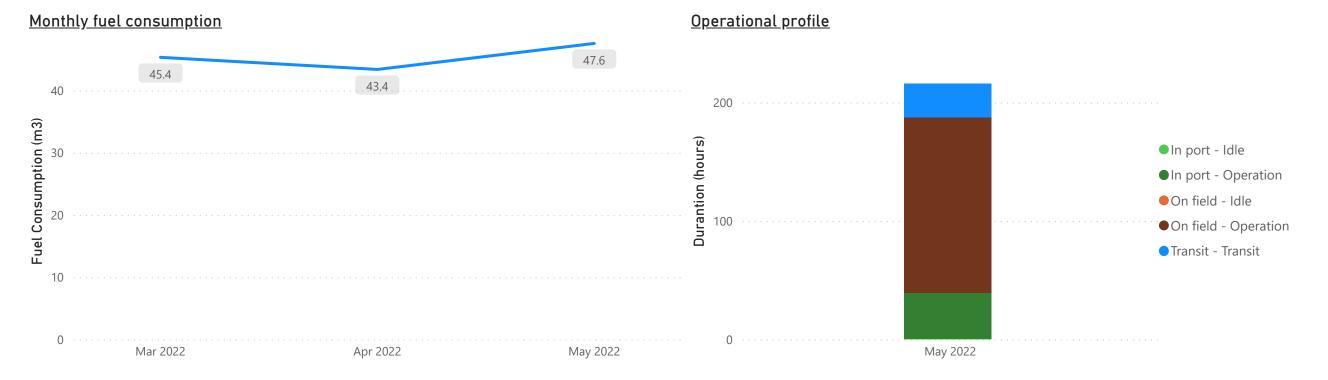
Mostly declaring guard operations.

Few transits done with good practices.

No stand by on field or at port declared.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	47.6	0.1	0.0	1.7	5.2	886.9
Apr 2022	30	43.4					
Mar 2022	31	45.4					
Total	92	136.4	0.1	0.0	1.7	5.2	886.9

^{*}Data quality to be improved especially in port (lots of "other" declared instead stand by)



Atim	a II - Se	curity ves	sel (in cl	halleng	je)				
ied	Month	Fuel Potential Savings (m3)	Fuel ir	mpact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	•	ion Duration (h)	On field: Stand-by type
l u	May 2022								
>	Apr 2022								(1)
9-	Mar 2022								Duration (h)
Stand-by on field	Total								۵
al field	Month ▼	Fuel Potential Savings (m3)	Fuel in	mpact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used		ion Duration (h)	On field: Operational stand-by per location
Operational nd-by on fie	May 2022			0.0					
ati	Apr 2022								(1)
oer d-b	Mar 2022								Duration (h)
Operational stand-by on field	Total			0.0					ā
oort	Month ▼	Fuel Potential Savings (m3)	Fuel ir	mpact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used		ion Duration (h)	In port: Stand-by type
	May 2022			0.0					
<u>></u>	Apr 2022								(1)
1 0	Mar 2022								Duration (h)
Stand-by in port	Total			0.0					ā
	Month	Fuel Potential	Fuel impact	Avg Main	Avg Auxiliary	Avg Speed	Distance	Operation	<u>Transit: Speed range</u>
	~	Savings (m3)	(m3)	Engine Use	,	(kn)	Sailed (NM)	Duration (h)	● <= 6 knts ● 6 - 7 knts ● 7 - 8 knts ● 9 - 10 knts

. <u>:</u>	
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Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Avg Speed (kn)	Distance Sailed (NM)	Operation Duration (h)
May 2022	0.1	0.0	2.0	1.0	7.3	199.0	27.1
Apr 2022							
Mar 2022							
Total	0.1	0.0	2.0	1.0	7.3	199.0	27.1



Emmanuella IV - Security vessel (in challenge)

Best practices and recommendations

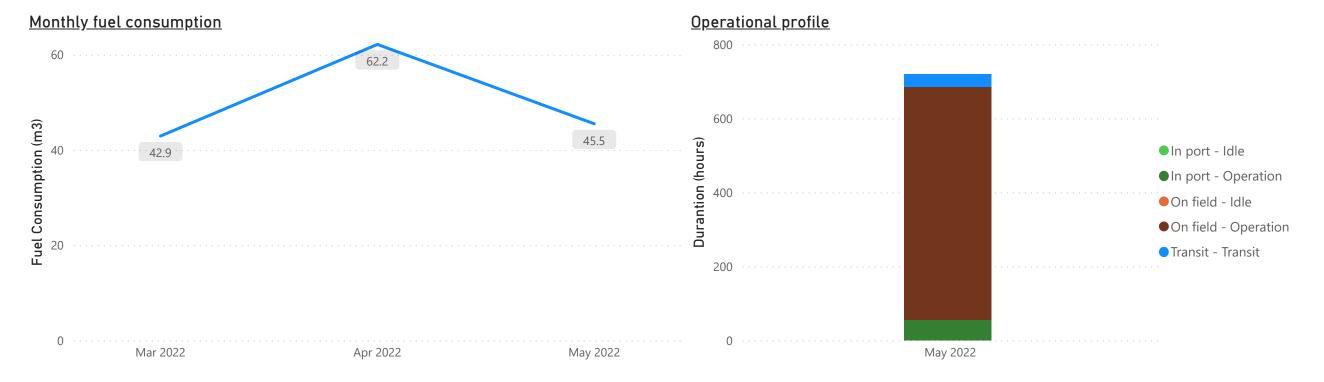
Mostly declaring guard operations.

Could slightly reduce her engine usage keeping same average speed.

No stand by on field or at port declared.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	45.5	0.1	0.0	1.9	8.2	5403.5
Apr 2022	30	62.2					
Mar 2022	31	42.9					
Total	92	150.6	0.1	0.0	1.9	8.2	5403.5

[&]quot;Manoeuvring/shifting" declared instead stand by)



^{*}Data quality to be improved especially in port (lots of

2	Month	Fuel Potential	Fuel in	npact (m3)	Avg Main	Avg Auxilia		tion Duration (h)	On field: Stand-by type
ַ	▼	Savings (m3)			Engine Used	Engine Use	d 		
=	May 2022								
<u> </u>	Apr 2022								Duration (h)
_	Mar 2022								irat <u>i</u>
Stand-by on heid	Total								<u>a</u>
on field	Month ▼	Fuel Potential Savings (m3)	Fuel in	npact (m3)	Avg Main Engine Used	Avg Auxilia Engine Use		tion Duration (h)	On field: Operational stand-by per location
	May 2022			0.0					
>	Apr 2022								Duration (h)
<u>q-</u>	Mar 2022	•				·			ra tio
\circ				0.0					۵
stan	Total			0.0					
	Month	Fuel Potential Savings (m3)	Fuel in	npact (m3)	Avg Main Engine Used	Avg Auxilia Engine Use		tion Duration (h)	In port: Stand-by type
	Month		Fuel in		_			tion Duration (h)	
	Month		Fuel in	npact (m3)	_			tion Duration (h)	
stand-by	Month ▼ May 2022		Fuel in	npact (m3)	_			tion Duration (h)	
	Month ▼ May 2022 Apr 2022		Fuel in	npact (m3)	_			tion Duration (h)	In port: Stand-by type (l) (l)
stan	Month ▼ May 2022 Apr 2022 Mar 2022 Total Month		Fuel impact (m3)	0.0 0.0	Engine Used Avg Auxilia	Engine Use	d	Operation	
	Month ▼ May 2022 Apr 2022 Mar 2022 Total Month ▼	Fuel Potential Savings (m3)	Fuel impact	0.0 Avg Main Engine Us	Avg Auxilia ed Engine Use	Engine Use ry Avg Speed d (kn)	d Distance Sailed (NM)	Operation Duration (h)	Transit: Speed range
	Month ▼ May 2022 Apr 2022 Mar 2022 Total Month	Fuel Potential Savings (m3)	Fuel impact (m3)	0.0 Avg Main Engine Us	Avg Auxilia ed Engine Use	Engine Use ry Avg Speed d (kn)	d Distance Sailed (NM)	Operation Duration (h)	Transit: Speed range 9 - 10 knts > 10 knts
	Month ▼ May 2022 Apr 2022 Mar 2022 Total Month ▼ May 2022	Fuel Potential Savings (m3)	Fuel impact (m3)	0.0 Avg Main Engine Us	Avg Auxilia ed Engine Use	Engine Use ry Avg Speed d (kn)	d Distance Sailed (NM)	Operation Duration (h)	(£) Transit: Speed range ● 9 - 10 knts ● > 10 knts

Guardian 11 - Security Vessel (in challenge)

Best practices and recommendations

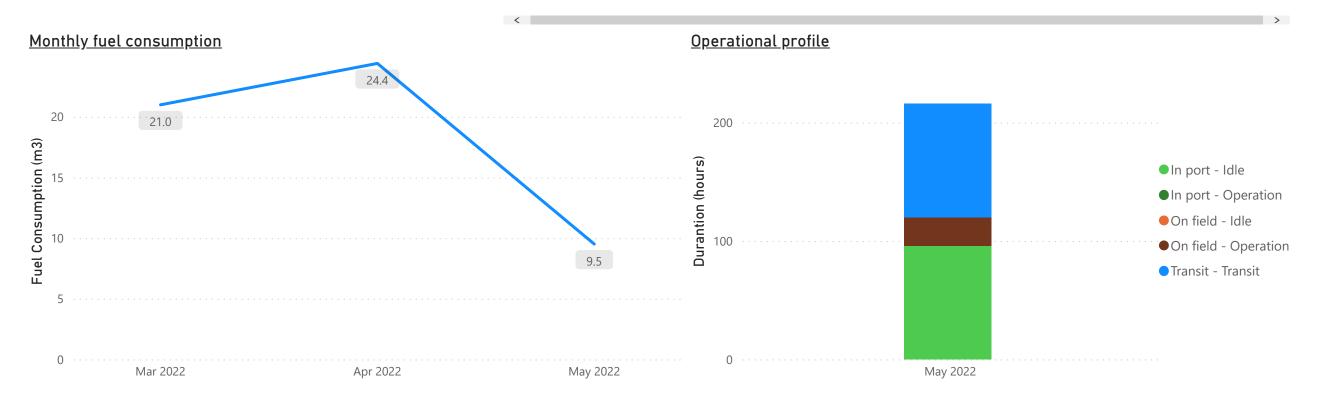
Mostly declaring patrol activities.

Running main engines while stand by alongside a couple of time for extended periods (ONNE).

Transiting in very good practices.

No stand by on field declared.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	9.5	0.5	0.0	1.0	8.0	959.3
Apr 2022	30	24.4					
Mar 2022	31	21.0					
Total	92	54.9	0.5	0.0	1.0	8.0	959.3



Guardian 11 - Security vessel (in challenge)

Guard	lian 11	- Security	vessei	(in chai	ienge)					
field	Month ▼	Fuel Potential Savings (m3)	Fuel i	mpact (m3)	Avg Main Engine Used		Avg Auxiliary Engine Used		ion Duration (h)	On field: Stand-by type
L C	May 2022									
>	Apr 2022									Duration (h)
<u>Q</u>	Mar 2022									iratio
Stand-by on field	Total									ជ័
al field	Month ▼	Fuel Potential Savings (m3)	Fuel ir	mpact (m3)	Avg Main Engine Used		Avg Auxiliary Engine Used		on Duration (h)	On field: Operational stand-by per location
on t	May 2022			0.0						
ati	Month Fuel Potent Savings (m:									Duration (h)
oer J-b	Mar 2022									ura tic
Ok	Total			0.0						<u>ര്</u>
Stand-by in port	Month ▼	Fuel Potential Savings (m3)	Fuel in	mpact (m3)	Avg Main Engine Used	d	Avg Auxiliary Engine Used		on Duration (h)	In port: Stand-by type Alongside
.⊑	May 2022		0.2	0.0		0.3		1.0	96.0	100 · · · · · · · · · · · · · · · · · ·
<u>></u>	Apr 2022									(L)
- 0	Mar 2022									<u>in 20 </u>
Gan	Total		0.2	0.0		0.3		1.0	96.0	
S										Mar 2022 Apr 2022 May 2022
	Month	Fuel Potential	•						Operation	Transit: Speed range
	•	Savings (m3)	(m3)	Engine Use	Main Avg Auxiliary Avg Speed Distance Operation ne Used Engine Used (kn) Sailed (NM) Duration (h) Transit: Speed range 6 - 7 knts > 10 knts	●6 - 7 knts ●> 10 knts				
#	May 2022	0.0	0.0		1.5	1.0	8.8	839.4	96.0	
Transit	Apr 2022									£ 50
Tr	Mar 2022									Duration (#) 50
	Total	0.0	0.0	1	1.5	1.0	8.8	839.4	96.0	a 0
										Mar 2022 Apr 2022 May 2022

SVS Avery - Security vessel (in challenge)

Best practices and recommendations

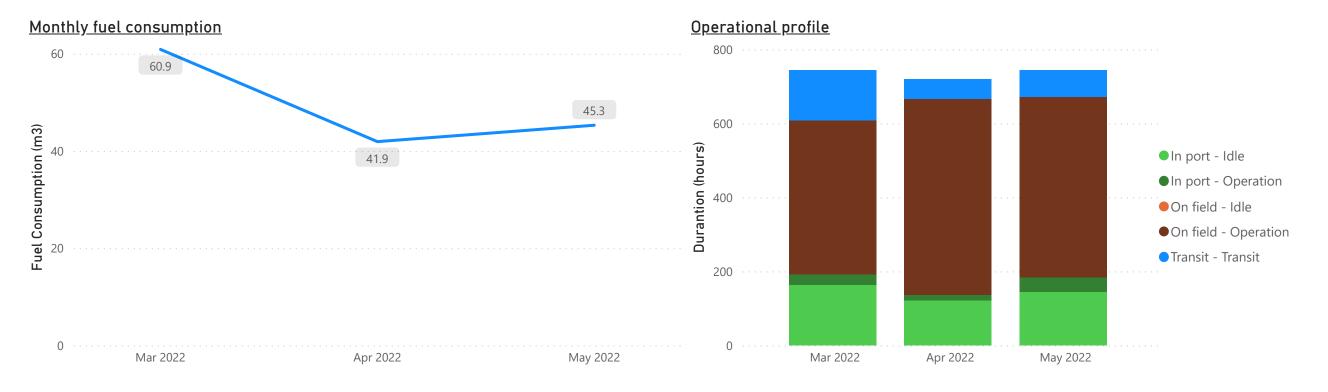
Mostly declaring patrol or security escorts.

Running often main engines while stand by alongside.

Transiting in very good practices.

No stand by on field declared.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	45.3	1.8	0.6	0.9	5.7	3192.2
Apr 2022	30	41.9	0.3	0.7	0.9	3.8	2212.8
Mar 2022	31	60.9	0.7	0.2	1.1	5.0	2756.2
Total	92	148.1	2.7	1.5	1.0	4.8	8161.3



SVS Avery - Security vessel (in challenge)

Month ▼	Fuel Potential Savings (m3)	F	uel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used		Operation Duration (h)
May 2022							
Apr 2022		0.0	0.0	3.0		1.0	0.4
Mar 2022							
Total		0.0	0.0	3.0		1.0	0.4

h)	On field: Stand-by type
	Very Slow steaming
	0.4
.4	(h) no



stand-by on field Operational

Stand-by on field

Fuel Potential Fuel impact (m3) Avg Main Avg Auxiliary Operation Duration (h) Month **Engine Used** Savings (m3) **Engine Used** May 2022 0.0 Apr 2022 0.0 Mar 2022 0.0 0.0 **Total**

On field: Operational stand-by per location

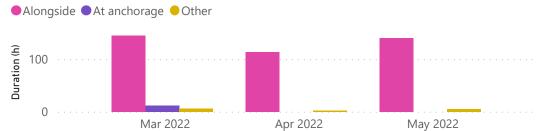
Duration (h)

Stand-by in port

Transit

Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Auxiliary Engine Used	Operation Duration (h)	
May 2022	1.7	0.0	0.6	0.9	144.9	
Apr 2022	0.2	0.0	0.2	0.9	115.8	
Mar 2022	0.7	0.0	0.2	1.0	162.9	
Total	2.6	0.0	0.3	0.9	423.6	

In port: Stand-by type



Fuel Potential Fuel impact Avg Main Avg Auxiliary Avg Speed Distance Operation Month Savings (m3) (m3) Engine Used Engine Used (kn) Sailed (NM) Duration (h) May 2022 0.6 1.6 182.1 23.3 0.1 1.0 7.8 Apr 2022 0.0 0.7 1.9 1.0 7.9 204.2 26.0 Mar 2022 0.0 0.2 1.6 0.6 197.5 21.7 9.1 1.5 1.7 0.1 0.9 8.2 583.7 71.0 **Total**

Transit: Speed range



Viva 2 - Security vessel (in challenge)

Best practices and recommendations

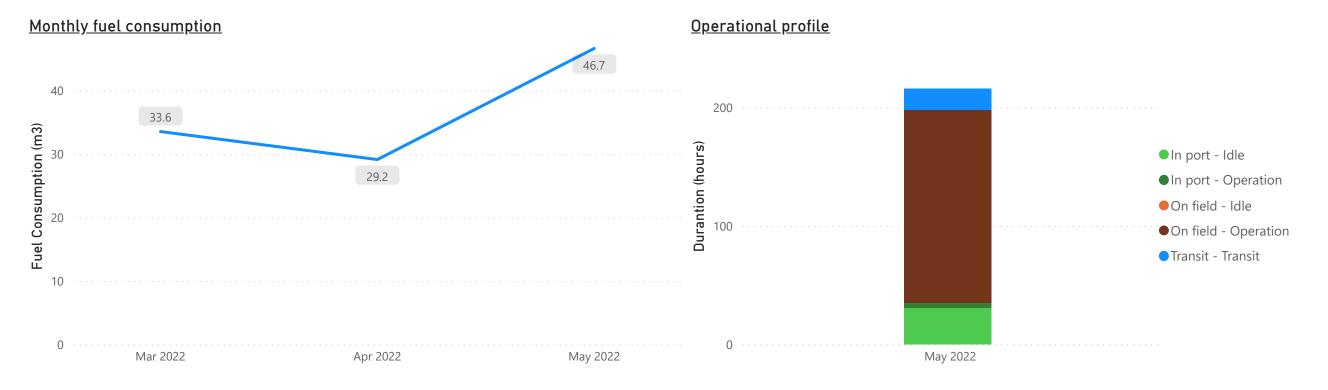
Mostly declaring guard operations.

Running a couple of time main engines while stand by alongside.

Transiting in good practices.

No stand by on field declared.

Month ▼	Nb of Daily Report	Fuel Consumption (m3)	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Used	Avg Speed (kn)	All distances sailed (NM)
May 2022	31	46.7	0.2	0.0	1.7	5.4	969.6
Apr 2022	19	29.2					
Mar 2022	24	33.6					
Total	74	109.4	0.2	0.0	1.7	5.4	969.6



Viva 2 - Security vessel (in challenge)

Operational

va 2	? - Secu	rity vesse	el (in cha	illenge)					
ie d	Month ▼	Fuel Potential Savings (m3)	Fuel i	mpact (m3)	Avg Main Engine Used	Avg Auxiliar Engine Used		ion Duration (h)	On field: Stand-by type
_	May 2022								
) >	Apr 2022								(£)
<u>Q</u>	Mar 2022								Duration (h)
Stand-by on field	Total								Date
field	Month ▼	Fuel Potential Savings (m3)	Fuel ir	mpact (m3)	Avg Main Engine Used	Avg Auxiliar Engine Used		on Duration (h)	On field: Operational stand-by per location
	May 2022			0.0					
>	Apr 2022								Duration (h)
9	Mar 2022								ar tio
stand-by on field	Total			0.0					ng Carlotte and Ca
Stand-by in port	Month ▼	Fuel Potential Savings (m3)	Fuel in	mpact (m3)	Avg Main Engine Used	Avg Auxiliar Engine Used		on Duration (h)	<u>In port: Stand-by type</u> ●Alongside
<u></u>	May 2022		0.0	0.0	0.1		1.0	30.8	40
<u>></u>	Apr 2022								<u> </u>
<u> </u>	Mar 2022								Duration (J) 02
anc	Total		0.0	0.0	0.1		1.0	30.8	
ζ									0 Mar 2022 Apr 2022 May 2022
	Month ▼	Fuel Potential Savings (m3)	Fuel impact (m3)	Avg Main Engine Use	Avg Auxiliary ed Engine Used	Avg Speed (kn)	Distance Sailed (NM)	Operation Duration (h)	Transit: Speed range 8 - 9 knts 9 - 10 knts
ا ب	May 2022	0.2	0.0	-	2.0 1.0	9.7	175.4	18.1	
nsı 	Apr 2022	0.2		_		·			€ ₁₀
Iransıt	Mar 2022								Duration (J)
_	Total	0.2	0.0	2	2.0 1.0	9.7	175.4	18.1	Dura
									0 · · · · · · · · Mar 2022



Thank you - please contact your Account Manager or support@opsealog.com for any further details.