

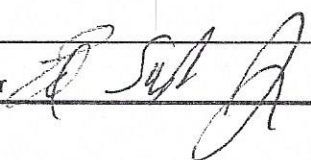
# M/V Fairweather Engineering Log

Monday, 15 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S	
Onboard @ 0000	2200	2180	4380	0	0	98	76
Received (Transferred)							
Onboard @ 0800 (Stby)							
Onboard @ 2000 (FWE)							
Onboard @ 2400							
Consumed (Produced)							
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop	
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 3 4		
Departure Port					FO Boost Pump 1 2 3 4		
Arrival Port					Parker Differential Press (" H <sub>2</sub> O)		
OP3.2 Dep / OP1.2 Arr					P -	S -	
Start (Clutch In)					NFV Supply   Differential (Bar)		
Stop (Clutch Out)					P -	S -	
Run Hours					WJ Hyd Filter Cart 1 2 3 4		
Run Miles					Shore Sewage @ 2400		
Car Deck Fan ON							
Car Deck Fan OFF							
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )	
	0000	2400		480	34/33	25	
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper		
	Sacks	Bridge					

Operation, Maintenance, and Inspection Comments:

last day no one onboard after today Boat to be sold for A loss

Day Chief Engineer 

Night Chief Engineer

# M/V Fairweather Engineering Log

Sunday, 14 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S	
Onboard @ 0000	2180	2200	4380	245	628	98	76
Received (Transferred)							
Onboard @ 0800 (Stby)							
Onboard @ 2000 (FWE)							
Onboard @ 2400							
Consumed (Produced)							
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop	
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 3 4		
Departure Port					FO Boost Pump 1 2 3 4		
Arrival Port					Parker Differential Press (" H <sub>2</sub> O)		
OP3.2 Dep / OP1.2 Arr					P -	S -	
Start (Clutch In)					NFV Supply   Differential (Bar)		
Stop (Clutch Out)					P -	S -	
Run Hours					WJ Hyd Filter Cart 1 2 3 4		
Run Miles					Shore Sewage @ 2400		
Car Deck Fan ON							
Car Deck Fan OFF							
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )	
	0000	2400		473	116/115	92/91	
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper		
	Sacks	Bridge					

Operation, Maintenance, and Inspection Comments:

Blank area for handwritten comments.

Day Chief Engineer *[Signature]*

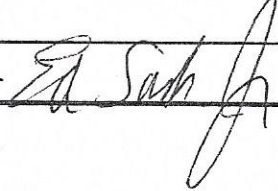
Night Chief Engineer

# M/V Fairweather Engineering Log

Saturday, 13 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S	
Onboard @ 0000	2180	2200	4380	741	589	98	76
Received (Transferred)							
Onboard @ 0800 (Stby)							
Onboard @ 2000 (FWE)							
Onboard @ 2400							
Consumed (Produced)							
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop	
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 3 4		
					FO Boost Pump 1 2 3 4		
Departure Port					Parker Differential Press (" H <sub>2</sub> O)		
Arrival Port					NFV Supply   Differential (Bar)		
OP3.2 Dep / OP1.2 Arr					WJ Hyd Filter Cart 1 2 3 4		
Start (Clutch In)					Shore Sewage @ 2400		
Stop (Clutch Out)					P -	S -	
Run Hours					P -   S -		
Run Miles					WJ Hyd Filter Cart 1 2 3 4		
Car Deck Fan ON					Shore Sewage @ 2400		
Car Deck Fan OFF							
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )	
	0000			477	72/71	55/54	
		2400					
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper		
	Sacks	Bridge					

Operation, Maintenance, and Inspection Comments:

Day Chief Engineer  Night Chief Engineer

# M/V Fairweather Engineering Log

Friday, 12 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S		
Onboard @ 0000	2180	2200	4380	749	529	98	76	
Received (Transferred)								
Onboard @ 0800 (Stby)								
Onboard @ 2000 (FWE)								
Onboard @ 2400								
Consumed (Produced)								
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop		
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 3 4			
Departure Port					FO Boost Pump 1 2 3 4			
Arrival Port					Parker Differential Press (" H <sub>2</sub> O)			
OP3.2 Dep / OP1.2 Arr					NFV Supply   Differential (Bar)			
Start (Clutch In)					P -   S -			
Stop (Clutch Out)					WJ Hyd Filter Cart 1 2 3 4			
Run Hours					Shore Sewage @ 2400			
Run Miles								
Car Deck Fan ON								
Car Deck Fan OFF								
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )		
	0000	2400		475	68/67	49/48		
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper			
	Sacks	Bridge						

Operation, Maintenance, and Inspection Comments:


Day Chief Engineer *[Signature]* Night Chief Engineer

# M/V Fairweather Engineering Log

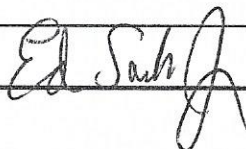
Thursday, 11 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S		
Onboard @ 0000	2180	2200	4380	749	529	98	76	
Received (Transferred)								
Onboard @ 0800 (Stby)								
Onboard @ 2000 (FWE)								
Onboard @ 2400								
Consumed (Produced)								
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop		
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 3 4			
Departure Port					FO Boost Pump 1 2 3 4			
Arrival Port					Parker Differential Press (" H <sub>2</sub> O)			
OP3.2 Dep / OP1.2 Arr					NFV Supply   Differential (Bar)			
Start (Clutch In)					P -   S -			
Stop (Clutch Out)					WJ Hyd Filter Cart 1 2 3 4			
Run Hours					Shore Sewage @ 2400			
Run Miles								
Car Deck Fan ON								
Car Deck Fan OFF								
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )		
	0000	2400		468	144/140	114/112		
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper			
	Sacks	Bridge						

Operation, Maintenance, and Inspection Comments:

Blank area for handwritten comments.

Day Chief Engineer



Night Chief Engineer

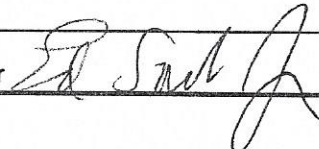
# M/V Fairweather Engineering Log

Wednesday, 10 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S		
Onboard @ 0000	2180	2200	4380	750	500	98	76	
Received (Transferred)								
Onboard @ 0800 (Stby)								
Onboard @ 2000 (FWE)								
Onboard @ 2400								
Consumed (Produced)								
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop		
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 3 4			
	Departure Port				FO Boost Pump 1 2 3 4			
	Arrival Port				Parker Differential Press (" H <sub>2</sub> O)			
	OP3.2 Dep / OP1.2 Arr				P -   S -			
	Start (Clutch In)				NFV Supply   Differential (Bar)			
	Stop (Clutch Out)				P -   S -			
	Run Hours				WJ Hyd Filter Cart 1 2 3 4			
	Run Miles				Shore Sewage @ 2400			
	Car Deck Fan ON							
	Car Deck Fan OFF							
	Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )	
		0000			474	90/88	70/69	
		2400						
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper			
	Sacks	Bridge						

Operation, Maintenance, and Inspection Comments:

Blank area for handwritten comments.

Day Chief Engineer 

Night Chief Engineer

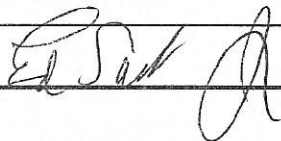
# M/V Fairweather Engineering Log

Tuesday, 9 April 2019

<b>Tank Levels</b>	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S	
Onboard @ 0000	2180	2200	4380	772	460	98	76
Received (Transferred)							
Onboard @ 0800 (Stby)							
Onboard @ 2000 (FWE)							
Onboard @ 2400							
Consumed (Produced)							
<b>Marine Diesel #1 / 2 from PM Tank Truck</b>	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop	
<b>Machinery Run Time</b>	Main Eng	Main Eng	Main Eng	Main Eng	Generator	1	2 3 4
Departure Port					FO Boost Pump	1	2 3 4
Arrival Port					Parker Differential Press (" H <sub>2</sub> O)		
OP3.2 Dep / OP1.2 Arr					P -		S -
Start (Clutch In)					NFV Supply   Differential (Bar)		
Stop (Clutch Out)					P -		S -
Run Hours					WJ Hyd Filter Cart	1	2 3 4
Run Miles					Shore Sewage @ 2400		
Car Deck Fan ON							
Car Deck Fan OFF							
<b>Shore Power</b>	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )	
	0000	2400		467	149/146	118/115	
<b>On Duty</b>	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper		
	Sacks	Bridge					

Operation, Maintenance, and Inspection Comments:

Day Chief Engineer



Night Chief Engineer

# M/V Fairweather Engineering Log

Monday, 8 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S	
Onboard @ 0000	2180	2200	4380	772	433	98	76
Received (Transferred)							
Onboard @ 0800 (Stby)							
Onboard @ 2000 (FWE)							
Onboard @ 2400							
Consumed (Produced)							
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop	
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 3 4		
Departure Port					FO Boost Pump 1 2 3 4		
Arrival Port					Parker Differential Press (" H <sub>2</sub> O)		
OP3.2 Dep / OP1.2 Arr					P -	S -	
Start (Clutch In)					NFV Supply   Differential (Bar)		
Stop (Clutch Out)					P -	S -	
Run Hours					WJ Hyd Filter Cart 1 2 3 4		
Run Miles					Shore Sewage @ 2400		
Car Deck Fan ON							
Car Deck Fan OFF							
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )	
	0000	2400		473	97/95	76/74	
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper		
	Sacks	Bridge					

Operation, Maintenance, and Inspection Comments:

Wayne Wilson to Taz

Day Chief Engineer *[Signature]*

Night Chief Engineer



Fwd

Aft

W

Date/Time: 04/07/19 09:23:40

**Bilge Equipment**

Equipment	Bilge	Fire	Collectors
PORT Bow Thruster Bilge Pump	110	0	0
Compartment 2 Bilge Pump	0	0	0
Compartment 4 Bilge Pump	0	0	0
Compartment 6 Bilge Pump	0	0	0
Double Bottom 6 Bilge Pump	0	0	0
Double Bottom 8 Bilge Pump	0	0	0
PORT Engine Room Bilge Pump	0	0	0
PORT Water Jet Space Bilge Pump	0	0	89
STBD Bow Thruster Bilge Pump			
Compartment 1 Bilge Pump			
Compartment 3 Bilge Pump			
Compartment 5 Bilge Pump			
Double Bottom 5 Bilge Pump			
Double Bottom 7 Bilge Pump			
STBD Engine Room Bilge Pump			
STBD Water Jet Space Bilge Pump			

**Waterjet Equipment**

Equipment	Bilge	Fire	Collectors
Water Jet WJ2 Lube Oil Pump	7954	7997	
Water Jet WJ4 Lube Oil Pump	7954	7997	
Water Jet WJ2 Hydraulic Power Pack	3896	2854	
Water Jet WJ4 Hydraulic Power Pack	5475	2857	

**Diesel Generators**

Generator	Bilge	Fire	Collectors
SSDG 2	19095	18277	
SSDG 4	17380	18114	

**Ventilation Fans**

Equipment	Bilge	Fire	Collectors
PORT Engine Room Supply Fan 2 High	3409	3377	
PORT Engine Room Supply Fan 2 Low	20899	16799	
PORT Engine Room Supply Fan 4 High	1132	1167	
PORT Engine Room Supply Fan 4 Low	13636	11311	
Vehicle Deck PORT FWD Exhaust Fan 2	987	1286	
Vehicle Deck PORT AFT Exhaust Fan 4	872	319	
STBD Engine Room Supply Fan 3 High			
STBD Engine Room Supply Fan 3 Low			
STBD Engine Room Supply Fan 1 High			
STBD Engine Room Supply Fan 1 Low			
Vehicle Deck STBD FWD Exhaust Fan 1			
Vehicle Deck STBD AFT Exhaust Fan 3			

**Fuel Services**

Equipment	Bilge	Fire	Collectors
PORT Fuel Oil Booster Pump 2	16027	13865	
PORT Fuel Oil Booster Pump 4	13917	12685	
STBD Fuel Oil Booster Pump 1			
STBD Fuel Oil Booster Pump 3			

**Services**

Equipment	Bilge	Fire	Collectors
PORT Air Compressor	6092	5574	
PORT Sprinkler Pump	62	18	
PORT Fire Pump	59	38	
Fresh Water Pump 1	51588	261	
Fresh Water Pump 2	46264	39019	
Interceptor/Stem Door Hydraulic Power Pack 1	782	49168	
Interceptor/Stem Door Hydraulic Power Pack 2	827	11758	
STBD Air Compressor			
STBD Deluge Pump			
STBD Fire Pump			
Sewage Transfer Pump			
HVAC Chiller Water Pump 1			
HVAC Chiller Water Pump 2			
HVAC Sea Water Pump 1			

**Propulsion**

Equipment	Bilge	Fire	Collectors
Main Engine 2	6282	6318	
Main Engine 4	6312	5981	
Main Engine 1			
Main Engine 3			

# M/V Fairweather Engineering Log

Sunday, 7 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S		
Onboard @ 0000	2180	2200	4380	785	390	98	76	
Received (Transferred)								
Onboard @ 0800 (Stby)								
Onboard @ 2000 (FWE)								
Onboard @ 2400	2180	2200	4380	777	426	98	76	
Consumed (Produced)			0	8	36	0		
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop		
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 3 4			
Departure Port					FO Boost Pump 1 2 3 4			
Arrival Port					Parker Differential Press (" H <sub>2</sub> O)			
OP3.2 Dep / OP1.2 Arr					NFV Supply   Differential (Bar)			
Start (Clutch In)					P -   S -			
Stop (Clutch Out)					WJ Hyd Filter Cart 1 2 3 4			
Run Hours					Shore Sewage @ 2400			
Run Miles								
Car Deck Fan ON								
Car Deck Fan OFF								
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )		
	0000			473/473	104/101	81/80		
		2400		475/475	86/85	67/66		
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper			
	Wilson	Bridge	Sacks					

Operation, Maintenance, and Inspection Comments:

Moved in Ward Cove on shore power (400 Amp 2 legs)

\* Last day for Wilson transferring to TAZ per VAC committee  
 Hope this ship finds a good home

Day Chief Engineer *Wayne Wilson*

Night Chief Engineer *[Signature]*

# M/V Fairweather Engineering Log

Saturday, 6 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S	
Onboard @ 0000	2210	2240	4450	802	372	98	76
Received (Transferred)							
Onboard @ 0800 (Stby)							
Onboard @ 2000 (FWE)							
Onboard @ 2400	2180	2200	4380	785	390	98	76
Consumed (Produced)			30	17	18		
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop	
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator 1 2 (3) (4)		
Departure Port					FO Boost Pump 1 2 (3) (4)		
Arrival Port					Parker Differential Press (" H <sub>2</sub> O)		
OP3.2 Dep / OP1.2 Arr					NFV Supply   Differential (Bar)		
Start (Clutch In)					P -   S -		
Stop (Clutch Out)					WJ Hyd Filter Cart 1 2 3 4		
Run Hours					Shore Sewage @ 2400		
Run Miles							
Car Deck Fan ON							
Car Deck Fan OFF							
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )	
	0000	0630	6.5	473/473	104/101	81/80	
		2400					
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper		
	Wilson	Bridge	Sacks				

Operation, Maintenance, and Inspection Comments:

Moored at Ward Cove Graveyard

Day Chief Engineer

*Wayne Wilson*

Night Chief Engineer

Bilge Equipment

Date/Time: 04/06/19 06:32:54

Equipment	Bilge	Tanks	HVAC	Doors	Fire	Collectors
PORT Bow Thruster Bilge Pump	110					
Compartment 2 Bilge Pump	0					0
Compartment 4 Bilge Pump	0					0
Compartment 6 Bilge Pump	0					0
Double Bottom 6 Bilge Pump	0					0
Double Bottom 8 Bilge Pump	0					0
PORT Engine Room Bilge Pump	0					0
PORT Water Jet Space Bilge Pump	0					0
STBD Bow Thruster Bilge Pump						0
Compartment 1 Bilge Pump						0
Compartment 3 Bilge Pump						0
Compartment 5 Bilge Pump						0
Double Bottom 5 Bilge Pump						0
Double Bottom 7 Bilge Pump						0
STBD Engine Room Bilge Pump						0
STBD Water Jet Space Bilge Pump						69

WaterJet Equipment

Equipment	Bilge	Tanks	HVAC	Doors	Fire	Collectors
Water Jet WJ2 Lube Oil Pump	7928					7971
Water Jet WJ4 Lube Oil Pump	7928					7971
Water Jet WJ2 Hydraulic Power Pack	3696					2854
Water Jet WJ4 Hydraulic Power Pack	5475					2857

Diesel Generators

Equipment	Bilge	Tanks	HVAC	Doors	Fire	Collectors
SSDG 2	19095					18277
SSDG 4	17373					18103

Ventilation Fans

Equipment	Bilge	Tanks	HVAC	Doors	Fire	Collectors
PORT Engine Room Supply Fan 2 High	3409					3377
PORT Engine Room Supply Fan 2 Low	20999					16799
PORT Engine Room Supply Fan 4 High	1132					1167
PORT Engine Room Supply Fan 4 Low	13636					11311
Vehicle Deck PORT FWD Exhaust Fan 2	987					1286
Vehicle Deck PORT AFT Exhaust Fan 4	872					319
STBD Engine Room Supply Fan 3 High						3377
STBD Engine Room Supply Fan 3 Low						16799
STBD Engine Room Supply Fan 1 High						1167
STBD Engine Room Supply Fan 1 Low						11311
Vehicle Deck STBD FWD Exhaust Fan 1						1286
Vehicle Deck STBD AFT Exhaust Fan 3						319

Fuel Services

Equipment	Bilge	Tanks	HVAC	Doors	Fire	Collectors
PORT Fuel Oil Booster Pump 2	16027					13865
PORT Fuel Oil Booster Pump 4	13909					12675
STBD Fuel Oil Booster Pump 1						13865
STBD Fuel Oil Booster Pump 3						12675

Services

Equipment	Bilge	Tanks	HVAC	Doors	Fire	Collectors
PORT Air Compressor	6091					5572
PORT Sprinkler Pump	62					18
PORT Fire Pump	59					38
Fresh Water Pump 1	51562					261
Fresh Water Pump 2	46264					39019
Interceptor/Stern Door Hydraulic Power Pack 1	782					49144
Interceptor/Stern Door Hydraulic Power Pack 2	827					11758
STBD Air Compressor						5572
STBD Deluge Pump						18
STBD Fire Pump						38
Sewage Transfer Pump						261
HVAC Chiller Water Pump 1						39019
HVAC Chiller Water Pump 2						49144
HVAC Sea Water Pump 1						11758

Propulsion

Equipment	Bilge	Tanks	HVAC	Doors	Fire	Collectors
Main Engine 2	6282					6318
Main Engine 4	6312					5981
Main Engine 1						6318
Main Engine 3						5981

# M/V Fairweather Engineering Log

Friday, 5 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S	
Onboard @ 0000	2340	2449	4789	950	284	98	76
Received (Transferred)			0				
Onboard @ 0800 (Stby)			478				
Onboard @ 2000 (FWE)	2210	2240	4450	802	312		
Onboard @ 2400	2240	2240	4450			97	75
Consumed (Produced)			339	148	88	2	
Marine Diesel #1 / 2 from PM Tank Truck	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop	
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator ① ② 3 4		
Departure Port	KTV				FO Boost Pump 1 2 ③ ④		
Arrival Port	Ward Cove				Parker Differential Press (" H <sub>2</sub> O)		
OP3.2 Dep / OP1.2 Arr	✓				NFV Supply   Differential (Bar)		
Start (Clutch In)	1200				P -	S -	
Stop (Clutch Out)	1320				WJ Hyd Filter Cart 1 2 3 4		
Run Hours					Shore Sewage @ 2400		
Run Miles							
Car Deck Fan ON							
Car Deck Fan OFF							
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )	
	0000			480	98/105	70/73	
	1700	2400	7	468	65/67	48/50	
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper		
	Wilson	Bridge	Sacks		Ladwig		
Operation, Maintenance, and Inspection Comments:							
Running on Generators #1 and #2 at main berth in Ketchikan							
1700hrs only 1 leg of shore power working through splitter							
Load reduced - Boiler off ON Shore power							
Day Chief Engineer				Night Chief Engineer			
Wayne Wilson				[Signature]			

Main Propulsion Power Mgt Bilge Tanks HVAC Doors Fire Collectors

Bilge Equipment

Date/Time: 04/04/19 19:38:50

PORT Bow Thruster Bilge Pump  
 Compartment 2 Bilge Pump  
 Compartment 4 Bilge Pump  
 Compartment 6 Bilge Pump  
 Double Bottom 6 Bilge Pump  
 Double Bottom 8 Bilge Pump  
 PORT Engine Room Bilge Pump  
 PORT Water Jet Space Bilge Pump

110
0
0
0
0
0
0
0
0

STBD Bow Thruster Bilge Pump  
 Compartment 1 Bilge Pump  
 Compartment 3 Bilge Pump  
 Compartment 5 Bilge Pump  
 Double Bottom 5 Bilge Pump  
 Double Bottom 7 Bilge Pump  
 STBD Engine Room Bilge Pump  
 STBD Water Jet Space Bilge Pump

0
0
0
0
0
0
0
0
69

*IN RTN*

Waterjet Equipment

Water Jet WJ2 Lube Oil Pump  
 Water Jet WJ4 Lube Oil Pump  
 Water Jet WJ2 Hydraulic Power Pack  
 Water Jet WJ4 Hydraulic Power Pack

7893
7893
3696
5475

Water Jet WJ3 Lube Oil Pump  
 Water Jet WJ1 Lube Oil Pump  
 Water Jet WJ3 Hydraulic Power Pack  
 Water Jet WJ1 Hydraulic Power Pack

7936
7936
2854
2857

*4/4*

*OR Generators*

Diesel Generators

SSDG 2  
 SSDG 4

19074
17373

SSDG 1  
 SSDG 3

18256
18103

Ventilation Fans

PORT Engine Room Supply Fan 2 High  
 PORT Engine Room Supply Fan 2 Low  
 PORT Engine Room Supply Fan 4 High  
 PORT Engine Room Supply Fan 4 Low  
 Vehicle Deck PORT FWD Exhaust Fan 2  
 Vehicle Deck PORT AFT Exhaust Fan 4

3409
20899
1132
13615
987
871

STBD Engine Room Supply Fan 3 High  
 STBD Engine Room Supply Fan 3 Low  
 STBD Engine Room Supply Fan 1 High  
 STBD Engine Room Supply Fan 1 Low  
 Vehicle Deck STBD FWD Exhaust Fan 1  
 Vehicle Deck STBD AFT Exhaust Fan 3

3377
16799
1167
11290
1286
319

Fuel Services

PORT Fuel Oil Booster Pump 2  
 PORT Fuel Oil Booster Pump 4

16022
13889

STBD Fuel Oil Booster Pump 1  
 STBD Fuel Oil Booster Pump 3

13865
12653

Services

PORT Air Compressor  
 PORT Sprinkler Pump  
 PORT Fire Pump  
 Fresh Water Pump 1  
 Fresh Water Pump 2  
 Interceptor/Stem Door Hydraulic Power Pack 1  
 Interceptor/Stem Door Hydraulic Power Pack 2

6089
62
59
51526
46264
762
827

STBD Air Compressor  
 STBD Deluge Pump  
 STBD Fire Pump  
 Sewage Transfer Pump  
 HVAC Chiller Water Pump 1  
 HVAC Chiller Water Pump 2  
 HVAC Sea Water Pump 1

5570
18
38
261
38999
49143
11758

Propulsion

Main Engine 2  
 Main Engine 4

6280
6311

Main Engine 1  
 Main Engine 3

6316
5979



Print

Runtimes

Historic Alarms

Active Alarms

HMON/ADIS

Harbor Log

Sea Log 1

Sea Log 2

Make Slave

Make Master

M/V Fairweather Engineering Log Thursday, 4 April 2019

Tank Levels	FO Port	FO S/bd	FO Total	Potable	Sewage	LO P/S
Onboard @ 0000	4950	5030	9980	970	183	98 76
Received (Transferred)						
Onboard @ 0800 (S/bd)	4950	5020	9850	964	182	98 76
Onboard @ 2000 (FWE)	2300	2450	4700	950	261	98 76
Onboard @ 2400						
Consumed (Produced)						
Marine Diesel #1 / 2	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop
from PM Tank Truck						
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator	FO Boost Pump
Departure Port	5N				① ② ③ ④	1 2 3 4
Arrival Port	KTV					① ② ③ ④
OP.2 Dep / OP.2 Arr	/ /					
Start (Clutch In)	0704				Parker Differential Press ("H <sub>2</sub> O)	
Stop (Clutch Out)	1612				P-010 S-010	
Run Hours	915				NFV Supply   Differential (Bar)	
Run Miles					P-1.0   0.05 S-0   0.05	
Car Deck Fan ON					WJ Hyd Filter Cart 1 2 3 4	
Car Deck Fan OFF					Shore Sewage @ 2400	
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )
	0000	0552	552	475/475	87/85	60/67
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper	Ladwig
	Wilson	Bridge	Sacks	—		

Operation, Maintenance, and Inspection Comments:

Underway I/O to KTV for Powermount Log  
 Was Moved at KTV Main Box - old generators

Day Chief Engineer *Wynne Wilson*  
 Night Chief Engineer *Wynne Wilson*

MAIN ENGINE:		#1	#2	#3	#4
LO Sump Level	Full	Full	Full	Full	Full
LO Replenishing TK Level	3/4	3/4	3/4	3/4	3/4
LO Replenishing TK Level	3/4	3/4	3/4	3/4	3/4
Log level before fill: 3/4 max 1/4 min					
Log level after fill: 3/4 max 1/4 min					
Keep level at dipstick top notch.	Full	Full	Full	Full	Full
Log level (0 - 15 cm) 10 cm normal	8.5	9.5	7.5	9.2	
On, Off/Position 0, 1, 2. Valves Open	0/1	0/1	0/1	0/1	
Coolant Pre-htr Power/Elements	0/1	0/1	0/1	0/1	
Log LO level, carefully blowdown receiver	1/2	1/2			
Engine Room Bilge	Dry	Dry			
WATER JET:	#1	#2	#3	#4	
Hydraulic Oil Level	4.0	3.9	3.8	4.3	
Hydraulic Oil Pump	R-R	R-R	R-R	R-R	
In Remote					
Log level (0 - 8 cm) 5.0 - 7.0 cm normal	6.0	6.1	6.1	6.0	
Coalescer Filter	W-M	H-C	H-C	H-C	
Check drain (Log H2O amount) Check temp					
Waterjet Shaft Seal	Dry	Dry	Dry	Dry	
Waterjet Compartment Bilge	Dry	Dry			
GENERATOR:	#1	#2	#3	#4	
LO Sump level	Full	Full	Full	Full	
Coolant Level	Full	Full	Full	Full	
Approx 1" below cap for expansion					
FUEL:	#1	#2	#3	#4	
FO Booster Pumps	OFF	OFF	OFF	OFF	
ME Parker Pre-Filters	None	None	None	None	
NFV Sludge Tank	Stbd	None	None	None	
Fuel Tank Sounding	DB3	4'-0"	DB4	4'-5"	
Compartment Decks: 1,2,3,4,5,6	Dry	Dry	Dry	Dry	
BOW THRUSTER:	#1 Sbd	#2 Port			
Seal Tank Level	8.5	7.8			
Thruster Comp 1 & 2 Bilge	Dry	Dry			
PUMPS:					
Fresh Water & Chilled Water Pumps	FW2R	FW2R	FW2R	FW2R	
Deluge, Sprinkler, HVAC Pumps	Del OK	Spr OK	HVAC OK		
Fwd & Aft Door/Interceptor HPU	Fwd 2/3	Temp 97°	Aft 2/3	Temp 101°	
Anchor Windlass Tank Level	6.3	Temp 101°			
SEA STRAINERS:	#1	#2	#3	#4	
Main Engine	ALL	Good	to go		
WJ Shaft Seal & SSD's					
Fire Pump					
Deluge & Sprinkler Pumps	Del	Spr			
SHORE TANK SOUNDINGS:	Used LO				
Bilgewater					
Sewage	500				
DB SOUNDINGS (Sat Night):	DB1	DB2	DB5	DB6	DB7
DB8					
Gallons					
Comments: Record amounts of Lube Oil, Hyd Oil, & Coolant added to machinery:					
ME1	ME2	ME3	ME4	Weekly urinal Rx (Calcisolve): Fwd	Aft
Mistake with Back Comp #1 about 1 gallon (2052)					
OER Escape Hatch Gasket Torque					
Name:	Radwigs				
First Eng/Initial:					
Day:	Wednesday				
Date:	4-3-2019				



### M/V Fairweather Engineering Log

Wednesday, 3 April 2019

Tank Levels	FO Port	FO Stbd	FO Total	Potable	Sewage	LO P/S
Onboard @ 0000	3480	3460	6940	725	475	98
Received (Transferred)			3000			
Onboard @ 0800 (Stby)						
Onboard @ 2000 (FWE)	4950	5030	9980	970	183	
Onboard @ 2400						
Consumed (Produced)						
Marine Diesel #1 (B)	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop
from PM Tank Truck	3060	45	32.5	144	1335	1350
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator	1 2 3 4
Departure Port						
Arrival Port					FO Boost Pump	1 2 3 4
OP.2 Dep / OP.2 Arr					Parker Differential Press ("H <sub>2</sub> O)	
Start (Clutch In)					P -	S -
Stop (Clutch Out)					NFV Supply   Differential (Bar)	
Run Hours					P -	S -
Run Miles						
Car Deck Fan ON					WJ Hyd Filter Cart 1 2 3 4	
Car Deck Fan OFF					Shore Sewage @ 2400	
Shore Power	Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )
	0000	2400		475	87/85	60/67
On Duty	Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper	Ladwig

Operation, Maintenance, and Inspection Comments:


Night Chief Engineer

*[Handwritten Signature]*

*[Handwritten Signature]*

Day Chief Engineer

# M/V Fairweather Engineering Log

Tuesday, 2 April 2019

Tank Levels		FO Port	FO Sbd	FO Total	Potable	Sewage	LO P/S
Onboard @ 0000	3480	3460	6940	760	395	98	76
Received (Transferred)							
Onboard @ 0800 (Sbd)				760	395		
Onboard @ 2000 (FWE)				730	455		
Onboard @ 2400	3480	3460	6940	730	455	98	76
Consumed (Produced)							
Marine Diesel #1 / 2	Amount (Gal)	Temp (°F)	API Gravity (°)	Flash Pt (°F)	Time Start	Time Stop	
from PM Tank Truck							
Machinery Run Time	Main Eng	Main Eng	Main Eng	Main Eng	Generator	1 2 3 4	
Departure Port							
Arrival Port							
OP.2 Dep / OP.2 Arr							
Start (Clutch In)							
Stop (Clutch Out)							
Run Hours							
Run Miles							
Car Deck Fan ON							
Car Deck Fan OFF							
Time Start	Time Stop	Hours	Voltage (V <sub>avg</sub> )	Current (I <sub>avg</sub> )	Power (kW <sub>avg</sub> )		
0000	2400		478	76/78	56/62		
Day C/E	Day 1/E	Night C/E	Night 1/E	Wiper	Ladwig		
Wilson	Sacks	Stammehorn	Bridge				
On Duty							

Operation, Maintenance, and Inspection Comments:

Stammehorn  
FWLA

Day Chief Engineer

[Signature]

Night Chief Engineer

[Signature]

# MV Fairweather Engineering Log Monday, 1 April 2019

Tank Levels      FO Port      FO S/bd      FO Total      Potable      Sewage      LO P/S

Onboard @ 0000      3480      3460      6940      616      200      98      76

Received (Transferred)                                         

Onboard @ 0800 (Stby)                                         

Onboard @ 2000 (FWE)                                         

Onboard @ 2400      3480      3460      6940      616      200      98      76

Consumed (Produced)                                         

Marine Diesel #1 / 2      Amount (Gal)      Temp (°F)      API Gravity (°)      Flash Pt (°F)      Time Start      Time Stop

from PM Tank Truck                                   

Machinery Run Time      Main Eng      Main Eng      Main Eng      Main Eng      Generator      1      2      3      4

Departure Port                                               

Arrival Port                                               

OP.2 Dep / OP.1.2 Arr                                               

Start (Clutch In)                                               

Stop (Clutch Out)                                               

Run Hours                                               

Run Miles                                               

Car Deck Fan ON                                               

Car Deck Fan OFF                                               

Time Start      Time Stop      Hours      Voltage (V<sub>avg</sub>)      Current (I<sub>avg</sub>)      Power (kW<sub>avg</sub>)           

Shore Power      0000      2400      481      63/65      44/49           

On Duty      Day C/E      Day 1/E      Night C/E      Night 1/E      Wiper      Ladwig

Operation, Maintenance, and Inspection Comments:
