

Marine Vessel Air Emissions

SURVEY- TO BE COMPLETED PRIOR TO LEAVING CANADA

Arrival Date at First Canadian Pilot Station	Vessel Nam	ne	IMO Number	_ L	in Engine Jpgrade Yes No	Engine Upgrade Year
MAIN ENGIN	E(s)					
Manufacturer		Model No	Model Number		Number of Engines	
					ingines	
Power of Each Eng	ine (brake power) NCR			Units	/ <u> </u>
Underway						
Number of Engines U	Ised					
Fuel Type (IFO, HFO,	DFO, MGO)		Fuel Sulphur Con	tent (%))	
If you switch or p jurisdiction, please		•	ır main engines wh	ile in	waters und	ler Canadian
Date and Time	Fuel Sw	itched to		Sulpl	hur Conten	t (%)



SURVEY

AUXILIARY ENGINES 1

Manufacturer Model Num		ımk	• '		Number of	
				Engin	ies	
Power of Each Engine (brake power	er) NCR			Units	□ kW □ hp	
Underway	·					
Fuel Type (IFO, HFO, DFO, MGO)			Fuel Sulphur Content (%)		
Average Load Factor (% of maximum p	oower)					
Fuel Consumption Per Hour at Average	e Load Factor	r [
			At Anchor	At	Berth	
Fuel Type (IFO, HFO, DFO, MGO)		Γ				
Fuel Sulphur Content (%)						
Average Load Factor (% of maximum p	ower)					
Number of Hours Used in Canada						
Fuel Consumption Per Hour at Average	Load Factor	$\cdot \mid \lceil$				
AUXILIARY ENGINES 2 Manufacturer	Model Nu	ıml	oer	Numk	ner of	
				Engir		
Power of Each Engine (brake power	er) NCR			Units	kW hp	
Underway						
Fuel Type (IFO, HFO, DFO, MGO)			Fuel Sulphur Content ((%)		
Average Load Factor (% of maximum p	oower)					
Fuel Consumption Per Hour at Average	e Load Factor	r				
		A	at Anchor	At	Berth	
Fuel Type (IFO, HFO, DFO, MGO)		1				
Fuel Sulphur Content (%)		[
Average Load Factor (% of maximum p	oower)					
Number of Hours Used in Canada						
Fuel Consumption Per Hour at Average	e Load Factor	r [



SURVEY

AUXILIARY ENGINES 3

Manufacturer	Model Nu	mber		Number of Engines	
Power of Each Engine (brake pow	ver) NCR			Units	☐ hp
Underway	·				
Fuel Type (IFO, HFO, DFO, MGO)		Fuel Sulphur	Content (%)	
Average Load Factor (% of maximum	n power)				
Fuel Consumption Per Hour at Avera	ge Load Factor				
		At Anchor		At Berth	
Fuel Type (IFO, HFO, DFO, MGO)					
Fuel Sulphur Content (%)					
Average Load Factor (% of maximum	power)				
Number of Hours Used in Canada					
Fuel Consumption Per Hour at Avera	ge Load Factor				
BOILER 1					
Fuel Type (IFO, HFO, DFO, MGO)					
Fuel Sulphur Content (%)					
Underway					
Number of Hours Used in Canada					
Fuel Consumption Per Hour					
	At Anchor		At Bert	:h	
Number of Hours Used in Canada					
Fuel Consumption Per Hour					



SURVEY

BOILER 2

Fuel Type (IFO, HFO, DFO, MGO)		
Fuel Sulphur Content (%)		
Underway		
Number of Hours Used in Canada		
Fuel Consumption Per Hour		
	At Anchor	At Berth
Number of Hours Used in Canada		
Fuel Consumption Per Hour		
BOILER 3		
Fuel Type (IFO, HFO, DFO, MGO)		
Fuel Sulphur Content (%)		
Underway		
Number of Hours Used in Canada		
Fuel Consumption Per Hour		
	At Anchor	At Berth
lumber of Hours Used in Canada	At Anchor	At Berth
lumber of Hours Used in Canada Fuel Consumption Per Hour	At Anchor	At Berth
	At Anchor	At Berth
uel Consumption Per Hour	At Anchor	At Berth
uel Consumption Per Hour	At Anchor	At Berth
uel Consumption Per Hour	At Anchor	At Berth
uel Consumption Per Hour	At Anchor	At Berth
uel Consumption Per Hour	At Anchor	At Berth
uel Consumption Per Hour	At Anchor	At Berth