

GENERA FIELD RECORD SHEET  
AMS LOG YARD, EDROM ROAD EDEN

Fumigator Christian Oyrer  
Pine logs with bark for export to China

VESSEL  
Port Alberni

MINIMUM TEMPERATURE

17

Row I.D.	length	width	height	volume	JAS	Concg/m3	bromide	Start	CERT NO.
882	60	3.9	4.8	1123.2	623	56	62.9	24/04/2020 15:00	86841
887	60	3.9	4.8	1123.2	609	56	62.9	24/04/2020 15:00	86841
884	60	3.9	4.5	1053	557	56	59.0	24/04/2020 15:00	86841
878	60	3.9	4.5	1053	606	56	59.0	24/04/2020 15:00	86841
885	55	3.9	4.5	965.25	545	56	54.1	24/04/2020 15:00	86841
880	55	3.9	4.5	965.25	542	56	54.1	24/04/2020 15:00	86841
879	60	3.9	4.5	1053	613	56	59.0	24/04/2020 15:00	86841
889	60	3.9	4.5	1053	574	56	59.0	24/04/2020 15:00	86841
444	50	3.9	4.5	877.5	499	56	49.1	24/04/2020 15:00	86841
443	50	3.9	4.5	877.5	512	56	49.1	24/04/2020 15:00	86841
440	50	3.9	4.5	877.5	555	56	49.1	27/04/2020 15:00	86844
446	50	3.9	4.5	877.5	515	56	49.1	27/04/2020 15:00	86844
447	50	3.9	4.5	877.5	544	56	49.1	27/04/2020 15:00	86844
445	50	3.9	4.5	877.5	494	56	49.1	27/04/2020 15:00	86844
441	50	3.9	4.5	877.5	529	56	49.1	27/04/2020 15:00	86844
442	50	3.9	4.5	877.5	500	56	49.1	27/04/2020 15:00	86844
881	50	3.9	4.5	877.5	563	56	49.1	27/04/2020 15:00	86844
886	50	3.9	4.5	877.5	529	56	49.1	27/04/2020 15:00	86844
806	50	3.9	4.5	877.5	487	56	49.1	13/05/2020 15:00	86911
804	50	3.9	4.5	877.5	603	56	49.1	13/05/2020 15:00	86911

18918.9 10999

1059.5

Actual Mb used  
conversion 1059.5  
1.72

GENERAL SHIP RECORD SHEET

VESSEL	FUMIGATOR	START DATE	TIME	FINISH DATE	TIME
Port Alberni	Christian Oyrer	09/05/2020	07:30	10/05/2020	07:30
bromide conc.	Minimum Temp.	WIND greenscape ws		WIND greenscape ws	
0.056	17	speed	time	speed	time
		22km/h	07:30	27km/h	07:30
		SW		SW	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm		Air Quality Venting Period ppm	
			Time	north	north	south
1	6678.59	374.0	0hrs	0	0	0
2	9077.99	508.4	1hrs	0	2	0
3	9077.99	508.4	2hrs	0	0.5	0
4	9077.99	508.4	4hrs	0	1.5	0
5	8744.28	489.7	8hrs	0	0	0
			12hrs	0	0.5	0
	42656.84	2388.8	6hrs	0	0	0
			8hrs	0	0	0
			12hrs	0	0	0

Nil readings observed on berth during fumigation.  
 Blustery onshore winds during ventilation. Small readings observed on wharf

GENERA FIELD RECORD SHEET  
AMS LOG YARD, EDROM ROAD EDEN

Fumigator Christian Oyrer  
Pine logs with bark for export to China

VESSEL  
Cape Nelson

MINIMUM TEMPERATURE

17

Rowl.D.	length	width	height	volume	JAS	Concgm3	bromide	Start	CERT NO.
805	60	3.9	4.8	1123.2	696	56	62.9	13/05/2020 17:00	86912
899	60	3.9	4.8	1123.2	718	56	62.9	13/05/2020 17:00	86912
892	60	3.9	4.5	1053	522	56	59.0	13/05/2020 17:00	86912
888	60	3.9	4.5	1053	627	56	59.0	13/05/2020 17:00	86912
894	60	3.9	4.5	1053	644	56	59.0	19/05/2020 14:00	86926
897	60	3.9	4.5	1053	617	56	59.0	19/05/2020 14:00	86926
811	55	3.9	4.5	965.25	556	56	54.1	19/05/2020 14:00	86926
808	55	3.9	4.5	965.25	584	56	54.1	19/05/2020 14:00	86926
898	50	3.9	4.5	877.5	456	56	49.1	19/05/2020 14:00	86926
895	50	3.9	4.5	877.5	515	56	49.1	19/05/2020 14:00	86926
451	55	3.9	4.8	1029.6	627	56	57.7	25/05/2020 16:00	86940
454	55	3.9	4.8	1029.6	627	56	57.7	25/05/2020 16:00	86940
455	55	3.9	4.5	965.25	608	56	54.1	25/05/2020 16:00	86940
456	55	3.9	4.5	965.25	526	56	54.1	25/05/2020 16:00	86940
461	50	5.9	4.5	1327.5	623	56	74.3	25/05/2020 16:00	86940

Actual Mb used conversion	865.8 1.73	15461.1	8946	865.8
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# GENERAL SHIP RECORD SHEET

<b>VESSEL</b> Cape Nelson	<b>FUMIGATOR</b> Christian Oyrer	<b>START DATE</b> 21/05/2020	<b>TIME</b> 22:00	<b>FINISH DATE</b> 22/05/2020	<b>TIME</b> 22:00
bromide conc. 0.064	Minimum Temp. 13	WIND greencape ws speed 39km/h	direction SW	WIND greencape ws speed 52km/h	direction SSW
		time 22:00		time 22:00	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm			Air Quality Venting Period ppm		
			Time	north	scuth	Time	north	south
1	5355	342.7	0hrs	0	0	0hrs	0	0
2	8277	529.7	1hrs	0	0	0.5hrs	0	0
3	8318	532.4	2hrs	0	0	1hrs	0	0
4	8330	533.1	4hrs	0	0	1.5hrs	0	0
5	7452	476.9	8hrs	0	0	2hrs	0	0
			12hrs	0	0	4hrs	0	0
	37732.00	2414.8				6hrs	0	0
						8hrs	0	0
						12hrs	0	0

Nil readings observed on berth during fumigation.  
Extremely windy during ventilation.

# GENERAL SHIP RECORD SHEET

<b>VESSEL</b>	<b>FUMIGATOR</b>	<b>START DATE</b>	<b>TIME</b>	<b>FINISH DATE</b>	<b>TIME</b>
Dalwan Justice	Christian Oyrer	09/06/2020	20:00	10/06/2020	20:00
bromide conc.	Minimum Temp.	WIND greencape ws		WIND greencape ws	
0.064	12	speed	time	speed	time
		20km/h	20:00	12km/h	20:00
		NNE		ENE	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm			Air Quality Venting Period ppm		
			Time	north	south	Time	north	south
1	6114.2	391.3	0hrs	0	0	0hrs	0	0
2	9800.1	627.2	1hrs	0	0	0.5hrs	0	0
3	9800.2	627.2	2hrs	0	0	1hrs	0	0
4	9800.2	627.2	4hrs	0	0	1.5hrs	0	0
5	8632.2	552.5	8hrs	0	0	2hrs	0	0
			12hrs	0	0	4hrs	0	0
						6hrs	0	0
						8hrs	0	0
						12hrs	0	0
	44146.90	2825.4						

Nil readings observed on berth during fumigation or venting  
Wind offshore from berth during entire treatment

# GENERAL SHIP RECORD SHEET

VESSEL	FUMIGATOR	START DATE	TIME	FINISH DATE	TIME
Coresky	Christian Oyrer	23/06/2020	18:30	24/06/2020	18:30
bromide conc.	Minimum Temp.	WIND greencape ws		WIND greencape ws	
0.064	12	speed	time	speed	time
		35km/h	18:30	26km/h	18:30
		WSW		S	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm		Air Quality Venting Period ppm	
			Time	north	Time	north
1	6114.2	391.3	0hrs	0	0hrs	0
2	9800.1	627.2	1hrs	0	0.5hrs	0
3	9800.2	627.2	2hrs	0	1hrs	0
4	9800.2	627.2	4hrs	0	1.5hrs	0
5	8632.2	552.5	8hrs	0	2hrs	0
			12hrs	0	4hrs	0
					6hrs	0
					8hrs	0
					12hrs	0
	44146.90	2825.4				

Nil readings observed on berth during fumigation, very windy.

Wind mostly offshore from berth during venting, small readings at far northern end of the berth.

Fumigator Ben McDougall  
Pine logs with bark for export to China

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[illegible]

# GENERAL SHIP RECORD SHEET

<b>VESSEL</b>	<b>FUMIGATOR</b>	<b>START DATE</b>	<b>TIME</b>	<b>FINISH DATE</b>	<b>TIME</b>
Maipo River	Christian Oyrer	17/07/2020	20:00	18/07/2020	20:00
bromide conc.	Minimum Temp.	WIND greencape ws		WIND greencape ws	
0.064	13	speed	time	speed	time
		22km/h	20:00	35km/h	20:00
		direction		direction	
		S		NNE	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm		Air Quality Venting Period ppm	
			Time	north	Time	north
1	7064.61	452.1	0hrs	0	0hrs	0
2	9308.08	595.7	1hrs	0	0.5hrs	0
3	8746.35	559.8	2hrs	0	1hrs	0
4	9315.54	596.2	4hrs	0	1.5hrs	0
5	8130.58	520.4	8hrs	0	2hrs	0
			12hrs	0	4hrs	0
					6hrs	0
					8hrs	0
					12hrs	0
	42565.16	2724.2				

Nil readings observed on berth during fumigation.

Wind offshore during venting



GENERA FIELD RECORD SHEET  
AMS LOG YARD, EDROM ROAD EDEN

Fumigator Christian Oyrer  
Pine logs with bark for export to China

VESSEL

MINIMUM TEMPERATURE

Darya Tapti

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Rowl.D.	length	width	height	volume	JAS	Conc g/m3	bromide	Start	CERT NO.
855	60	3.9	5	1170	0	64	74.9	18/07/2020 14:00	87134
858	60	3.9	5	1170	1254.25	64	74.9	18/07/2020 14:00	87134
864	55	3.9	4.8	1029.6	0	64	65.9	18/07/2020 14:00	87134
862	55	3.9	4.8	1029.6	1182.65	64	65.9	18/07/2020 14:00	87134
860	55	3.9	4.8	1029.6	0	64	65.9	18/07/2020 14:00	87134
854	55	3.9	4.8	1029.6	1124.61	64	65.9	18/07/2020 14:00	87134
865	55	3.9	4.8	1029.6	0	64	65.9	18/07/2020 14:00	87134
853	55	3.9	4.8	1029.6	1360.23	64	65.9	18/07/2020 14:00	87134
868	55	3.9	4.8	1029.6	0	64	65.9	18/07/2020 14:00	87134
871	55	3.9	4.8	1029.6	1364.45	64	65.9	18/07/2020 14:00	87134
852	55	3.9	4.8	1029.6	0	64	65.9	18/07/2020 14:00	87134
861	55	3.9	4.8	1029.6	1165.37	64	65.9	18/07/2020 14:00	87134

Actual Mb used	808.7	12636	7451.56	808.7
conversion	1.70			

# GENERA SHIP RECORD SHEET

VESSEL	FUMIGATOR	START DATE	TIME	FINISH DATE	TIME
Darya Tapti	David Cossons	29/07/2020	19:30	30/07/2020	19:30
bromide conc.	Minimum Temp.	WIND greencape ws		WIND greencape ws	
0.064	14	speed 30km/h	time 19:30	speed 11km/h	time 19:30
		direction SW		direction NNE	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm			Air Quality Venting Period ppm		
			Time	north	south	Time	north	south
1	7446.47	476.6	0hrs	0	0	0hrs	0	0
2	10143.57	649.2	1hrs	0	0	0.5hrs	0	1.6
3	10170.53	650.9	2hrs	0	0	1hrs	0	0.5
4	10170.52	650.9	4hrs	0	0	1.5hrs	0	0
5	9286.54	594.3	8hrs	0	0	2hrs	0	0
			12hrs	0	0	4hrs	0	0
	47217.63	3021.9				6hrs	0	0
						8hrs	0	0
						12hrs	0	0

Nil readings observed on berth during fumigation.

Some small readings at the beginning of the ventilation period at southern end of wharf

# GENERAL SHIP RECORD SHEET

<b>VESSEL</b>	<b>FUMIGATOR</b>	<b>START DATE</b>	<b>TIME</b>	<b>FINISH DATE</b>	<b>TIME</b>
African Warbler	David Cossons	07/08/2020	19:00	08/08/2020	19:00
bromide conc.	Minimum Temp.				
0.064	14				
		WIND greencape ws		WIND greencape ws	
		speed	direction	speed	direction
		18km/h	E	33km/h	ESE
			time		time
			19:00		19:00

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm			Air Quality Venting Period ppm		
			Time	north	south	Time	north	south
1	7540	482.6	0hrs	0	0	0hrs	0	0
2	11157	650.0	1hrs	0	0	0.5hrs	0	0
3	10164	650.5	2hrs	0	0	1hrs	0	0
4	11164	650.5	4hrs	0	0	1.5hrs	0	0
5	9942	636.3	8hrs	0	0	2hrs	0	0
			12hrs	0	0	4hrs	0	0
						6hrs	0	0
						8hrs	0	0
						12hrs	0	0
	47967.00	3069.9						

Nil readings observed on berth during fumigation.

Nil readings during ventilation, wind offshore

GENERA FIELD RECORD SHEET

Fumigator Christian Oyrer

AMS LOG YARD, EDROM ROAD EDEN

Pine logs with bark for export to China

VESSEL

MINIMUM TEMPERATURE

Eastern Cape

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ROW I.D.	length	width	height	volume	JAS	Conc g/m3	bromide	Start	CERT NO.
449	60	3.9	4.8	1123.2	0	64	71.9	21/08/2020 17:00	87216
448	60	3.9	4.8	1123.2	1225.11	64	71.9	21/08/2020 17:00	87216
447	60	3.9	4.8	1123.2	0	64	71.9	21/08/2020 17:00	87216
445	60	3.9	4.8	1123.2	1142.65	64	71.9	21/08/2020 17:00	87216
443	60	3.9	4.8	1123.2	0	64	71.9	21/08/2020 17:00	87216
441	60	3.9	4.8	1123.2	1183.45	64	71.9	21/08/2020 17:00	87216
444	60	3.9	4.8	1123.2	0	64	71.9	21/08/2020 17:00	87216
446	60	3.9	4.8	1123.2	1260.02	64	71.9	21/08/2020 17:00	87216
442	55	5.9	4.5	1460.3	884.005	64	93.5	21/08/2020 17:00	87216
885	55	5.9	4.5	1460.3	849.631	64	93.5	21/08/2020 17:00	87216
886	60	3.9	4.8	1123.2	0	64	71.9	21/08/2020 17:00	87216
888	60	3.9	4.8	1123.2	1234.08	64	71.9	21/08/2020 17:00	87216
889	60	3.9	4.8	1123.2	0	64	71.9	21/08/2020 17:00	87216
890	60	3.9	4.8	1123.2	1176.42	64	71.9	21/08/2020 17:00	87216
887	60	3.9	4.8	1123.2	0	64	71.9	21/08/2020 17:00	87216
884	60	3.9	4.8	1123.2	1184.85	64	71.9	21/08/2020 17:00	87216

18645 10140

1193.3

Actual Mb used 1193.3

GENERAL SHIP RECORD SHEET

<b>VESEL</b>	<b>FUMIGATOR</b>	<b>START DATE</b>	<b>TIME</b>	<b>FINISH DATE</b>	<b>TIME</b>
Eastern Cape	Christian Oyrer	31/08/2020	13:00	01/09/2020	13:00
bromide conc.	Minimum Temp.	WIND greencape ws			
0.064	11	speed	time	speed	time
		39km/h	13:00	22km/h	13:00
		direction		direction	
		WSW		NNE	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm		Air Quality Venting Period ppm	
			Time	north	north	south
1	5314	340.1	0hrs	0	0	0
2	8148.22	521.5	1hrs	0	0	0
3	8199.58	524.8	2hrs	0	0	0
4	8223.83	526.3	4hrs	0	0	0
5	7435	475.8	8hrs	0	0	0
			12hrs	0	0	0
	37320.63	2388.5				

Nil readings observed on berth during fumigation.

Nil readings during ventilation, wind offshore

GENERA FIELD RECORD SHEET

Fumigator Michael Mayne

AMS LOG YARD, EDROM ROAD EDEN

Pine logs with bark for export to China

VESSEL

MINIMUM TEMPERATURE

Berge Rishini

11

RowI.D.	length	width	height	volume	JAS	Conc g/m3	bromide	Start	CERT NO.
886	60	3.9	4.8	1123.2	0	120	134.8	11/09/2020 14:00	87283
888	60	3.9	4.8	1123.2	1195.686	120	134.8	11/09/2020 14:00	87283
457	60	3.9	4.8	1123.2	0	120	134.8	11/09/2020 14:00	87283
458	60	3.9	4.8	1123.2	1228.462	120	134.8	11/09/2020 14:00	87283
889	60	3.9	4.8	1123.2	0	64	71.9	12/09/2020 14:00	87284
807	60	3.9	4.8	1123.2	1204.008	64	71.9	12/09/2020 14:00	87284
808	60	3.9	4.8	1123.2	0	64	71.9	12/09/2020 14:00	87284
802	60	3.9	4.8	1123.2	1197.521	64	71.9	12/09/2020 14:00	87284
804	55	3.9	4.8	1029.6	0	64	65.9	12/09/2020 14:00	87284
899	55	3.9	4.8	1029.6	1146.004	64	65.9	12/09/2020 14:00	87284
801	60	3.9	4.8	1123.2	0	64	71.9	12/09/2020 14:00	87284
898	60	3.9	4.8	1123.2	1196.131	64	71.9	12/09/2020 14:00	87284
460	60	3.9	4.8	1123.2	0	64	71.9	12/09/2020 14:00	87284
462	60	3.9	4.8	1123.2	1203.229	64	71.9	12/09/2020 14:00	87284
461	55	5.9	4.5	1460.3	848.9	64	93.5	12/09/2020 14:00	87284
459	55	5.9	4.5	1460.3	617.305	64	93.5	12/09/2020 14:00	87284
456	50	5.9	4.5	1327.5	808.07	64	85.0	12/09/2020 14:00	87284
805	55	5.9	4.5	1460.3	807.477	64	93.5	12/09/2020 14:00	87284

21246 11452.79 1611.3

Actual Mb used 1611.3

# GENERAL SHIP RECORD SHEET

<b>VESSEL</b>	<b>FUMIGATOR</b>	<b>START DATE</b>	<b>TIME</b>	<b>FINISH DATE</b>	<b>TIME</b>
Berge Rishiri	Michael Mayne	19/09/2020	20:00	20/09/2020	20:00
bromide conc.	Minimum Temp.	WIND greencape ws			
0.064	11	speed	direction	speed	direction
		28km/h	NE	33km/h	NNE
			time		time
			20:00		20:00

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm			Air Quality Venting Period ppm		
			Time	north	south	Time	north	south
1	5868.15	375.6	0hrs	0	0	0hrs	0	0
2	9261.24	592.7	1hrs	0	0	0.5hrs	0	0
3	9261.24	592.7	2hrs	0	0	1hrs	0	0
4	9261.24	592.7	4hrs	0	0	1.5hrs	0	0
5	3099.4	198.4	8hrs	0	0	2hrs	0	0
			12hrs	0	0	4hrs	0	0
						6hrs	0	0
						8hrs	0	0
						12hrs	0	0
	36751.27	2352.1						

Nil readings observed on berth during fumigation.

Nil readings during ventilation, wind offshore

GENERA FIELD RECORD SHEET

Fumigator Michael Mayne

AMS LOG YARD, EDROM ROAD EDEN

Pine logs with bark for export to China

VESSEL

MINIMUM TEMPERATURE

Daiwan Justice

11 16 15

Rowl.D.	length	width	height	volume	JAS	Conc g/m3	bromide	Start	CERT NO.
818	SS	3.9	4.8	1029.6	0	64	65.9	28/09/2020 11:00	87315
815	SS	3.9	4.8	1029.6	1217.13	64	65.9	28/09/2020 11:00	87315
816	50	5.9	4.5	1327.5	598.538	64	85.0	28/09/2020 11:00	87315
817	50	5.9	4.5	1327.5	609.764	64	85.0	28/09/2020 11:00	87315
810	SS	5.9	4.5	1460.3	832.32	64	93.5	28/09/2020 11:00	87315
896	SS	5.9	4.5	1460.3	789.87	64	93.5	28/09/2020 11:00	87315
469	SS	3.9	4.8	1029.6	0	80	82.4	29/09/2020 14:00	87333
478	SS	3.9	4.8	1029.6	1155.82	80	82.4	29/09/2020 14:00	87333
476	SS	3.9	4.8	1029.6	0	80	82.4	29/09/2020 14:00	87333
475	SS	3.9	4.8	1029.6	1104.01	80	82.4	29/09/2020 14:00	87333
477	SS	3.9	4.8	1029.6	0	80	82.4	29/09/2020 14:00	87333
473	SS	3.9	4.8	1029.6	1223.88	80	82.4	29/09/2020 14:00	87333
468	50	5.9	4.5	1327.5	633.931	80	106.2	29/09/2020 14:00	87333
812	SS	3.9	4.8	1029.6	0	64	65.9	06/10/2020 16:00	0
813	SS	3.9	4.8	1029.6	1142.55	64	65.9	06/10/2020 16:00	0
321	SS	5.9	4.5	1460.3	836.09	64	93.5	06/10/2020 16:00	0
338	SS	5.9	4.5	1460.3	704.73	64	93.5	06/10/2020 16:00	0

18659 10848.63

1314.3

Actual Mb used 1314.3



# GENERA SHIP RECORD SHEET

VESSEL	FUMIGATOR	START DATE	TIME	FINISH DATE	TIME
Daiwan Justice	Michael Mayne	06/10/2020	20:00	07/10/2020	20:00
bromide conc.	Minimum Temp.	WIND greencape ws		WIND greencape ws	
0.064	15	speed	time	speed	time
		30km/h	20:00	22km/h	20:00
		ENE		ENE	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm			Air Quality Venting Period ppm		
			Time	north	south	Time	north	south
1	6114.2	391.3	0hrs	0	0	0hrs	0	0
2	9800.1	627.2	1hrs	0	0	0.5hrs	0	0
3	9800.2	627.2	2hrs	0	0	1hrs	0	0
4	9800.2	627.2	4hrs	0	0	1.5hrs	0	0
5	8632.2	552.5	8hrs	0	0	2hrs	0	0
			12hrs	0	0	4hrs	0	0
	44146.90	2825.4				6hrs	0	0
						8hrs	0	0
						12hrs	0	0

Nil readings observed on berth during fumigation.

Nil readings during ventilation, wind predominately offshore

VESSEL	FUMIGATOR	START DATE	TIME	FINISH DATE	TIME
Corecky	Christian Oyrer	16/10/2020	19:00	17/10/2020	19:00
bromide conc.	Minimum Temp.				
0.064	12				
		WIND greencape ws			
		speed	direction	speed	direction
		18km/h	ENE	11km/h	SSW
			time		time
			19:00		19:00

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm			Air Quality Venting Period ppm		
			Time	north	south	Time	north	south
1	6114.2	391.3	0hrs	0	0	0hrs	0	0
2	9800.1	627.2	1hrs	0	0	0.5hrs	3.8	0
3	9800.2	627.2	2hrs	0	0	1hrs	4.6	0
4	9800.2	627.2	4hrs	0	0	1.5hrs	2.2	0
5	8632.2	552.5	8hrs	0	0	2hrs	1.2	0
			12hrs	0	0	4hrs	1.9	0
	44146.90	2825.4				6hrs	0	0
						8hrs	0	0
						12hrs	0	0

NII readings observed on berth during fumigation.

GENERA FIELD RECORD SHEET

Fumigator Christian Oyrer

AMS LOG YARD, EDROM ROAD EDEN

Pine logs with bark for export to China

VESSEL

MINIMUM TEMPERATURE

Kaiti Hill

Oct-20

Row I.D.	length	width	height	volume	JAS	Conc g/m3	bromide	Start	CERT NO.
839	60	3.9	5	1170	0	64	74.9	23/10/2020 14:00	87409
832	60	3.9	5	1170	1252.291	64	74.9	23/10/2020 14:00	87409
357	60	5.9	5	1770	796.562	64	113.3	23/10/2020 14:00	87409
489	60	5.9	5	1770	700.952	64	113.3	23/10/2020 14:00	87409
494	55	5.9	4.5	1460.3	582.458	64	93.5	23/10/2020 14:00	87409
835	60	3.9	5	1170	0	64	74.9	23/10/2020 14:00	87409
831	60	3.9	5	1170	1261.536	64	74.9	23/10/2020 14:00	87409
493	60	3.9	5	1170	0	64	74.9	23/10/2020 14:00	87409
495	60	3.9	5	1170	1238.694	64	74.9	23/10/2020 14:00	87409
499	60	3.9	5	1170	0	64	74.9	23/10/2020 14:00	87409
492	60	3.9	5	1170	1177.153	64	74.9	23/10/2020 14:00	87409
498	60	5.9	5	1770	680.625	64	113.3	31/10/2020 13:00	87425
358	60	3.9	5	1170	0	64	74.9	31/10/2020 13:00	87425
355	60	3.9	5	1170	1307.591	64	74.9	31/10/2020 13:00	87425
350	60	3.9	5	1170	0	64	74.9	31/10/2020 13:00	87425
353	60	3.9	5	1170	1250.47	64	74.9	31/10/2020 13:00	87425

18470 10248.33

1182.1

Actual Mb used 1182.1

# GENERA SHIP RECORD SHEET

VESSEL	FUMIGATOR	START DATE	TIME	FINISH DATE	TIME
Kaiti Hill	David Cossons	31/10/2020	18:00	01/11/2020	18:00
bromide conc.	Minimum Temp.	WIND greencape ws		WIND greencape ws	
0.064	12	speed	time	speed	time
		24km/h	18:00	35km/h	18:00
		SE		S	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm			Air Quality Venting Period ppm		
			Time	north	south	Time	north	south
1	5582.08	357.3	0hrs	0	0	0hrs	0	0
2	8686.07	555.9	1hrs	0	0	0.5hrs	0	0
3	8731.18	558.8	2hrs	0	0	1hrs	0	0
4	8804.52	563.5	4hrs	0	0	1.5hrs	0	0
5	8227.55	526.6	8hrs	0	0	2hrs	0	0
			12hrs	0	0	4hrs	0	0
	40031.40	2562.0				6hrs	0	0
						8hrs	0	0
						12hrs	0	0

Nil readings observed on berth during fumigation or ventilation.

Wind offshore for the entirety.

# GENERAL SHIP RECORD SHEET

<b>VESSEL</b>	<b>FUMIGATOR</b>	<b>START DATE</b>	<b>TIME</b>	<b>FINISH DATE</b>	<b>TIME</b>
Chipol Xtongan	Christian Oyler	28/03/2020	08:30	29/03/2020	08:30
bromide conc.	Minimum Temp.	WIND greencape ws			
0.056	17	speed	direction	speed	direction
		20knt/h	N	39knt/h	N
					time
					08:30

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm		Air Quality Venting Period ppm	
			Time	north	north	south
1	6083	340.6	0hrs	0	0	0
2	12196	683.0	1hrs	0	0	0
3	12196	683.0	2hrs	0	0	0
4	8627	483.1	4hrs	0	0	0
5	0	0.0	8hrs	0	0	0
			12hrs	0	0	0
	39102.00	2189.7				

Nil readings observed on berth during fumigation.

Nil Readings during venting, Wind blowing off the berth

GENERA FIELD RECORD SHEET  
AMS LOG YARD, EDROM ROAD EDEN

Fumigator Christian Oyrer  
Pine logs with bark for export to China

VESSEL  
Saldanha Bay

MINIMUM TEMPERATURE

17

Row I.D.	length	width	height	volume	JAS	Concg/m3	bromide	Start		CERT NO.
425	55	3.9	4.5	965.25	510	56	54.1	04/04/2020	14:00	86779
428	55	3.9	4.5	965.25	498	56	54.1	04/04/2020	14:00	86779
426	60	3.9	4.8	1123.2	644	56	62.9	04/04/2020	14:00	86779
424	60	3.9	4.8	1123.2	700	56	62.9	04/04/2020	14:00	86779
421	55	3.9	4.5	965.25	530	56	54.1	04/04/2020	14:00	86779
422	55	3.9	4.5	965.25	561	56	54.1	04/04/2020	14:00	86779
856	55	3.9	4.5	965.25	541	56	54.1	04/04/2020	14:00	86779
860	55	3.9	4.5	965.25	511	56	54.1	04/04/2020	14:00	86779
859	55	3.9	4.5	965.25	565	56	54.1	04/04/2020	14:00	86779

Actual Mb used	504.2	9003.15	5060	504.2
conversion	1.78			

# GENERA SHIP RECORD SHEET

VESSEL	FUMIGATOR	START DATE	TIME	FINISH DATE	TIME
Saldanha Bay	Christian Oyrer	17/04/2020	08:30	18/04/2020	08:30
bromide conc.	Minimum Temp.	WIND greencape ws		WIND greencape ws	
0.056	17	speed	time	speed	time
		13km/h	08:30	22km/h	08:30
		direction		direction	
		W		WSW	

HATCH	VOLUME	BROMIDE	Air Quality Exposure Period ppm		Air Quality Venting Period ppm	
			Time	north	Time	north
1	7446.47	417.0	0hrs	0	0hrs	0
2	10143.57	568.0	1hrs	0	0.5hrs	3
3	10170.53	569.5	2hrs	0	1hrs	2.2
4	10170.52	569.5	4hrs	0	1.5hrs	1
5	0	0.0	8hrs	0	2hrs	0
			12hrs	0	4hrs	0
					6hrs	0
					8hrs	0
					12hrs	0
	37931.09	2124.1				

Nil readings observed on berth during fumigation.  
Some readings observed on northern end of wharf in early stages of venting.