

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah** V150 4th July 16 DAY **1**
 VET: s. 22(1)(a)(ii) STOCKMEN: s. 22(1)(a)(ii) LNC 8645

VESSEL POSITION: **27 44S 112 13E** ETA Next Port **Doha 18th July 16**

LOADING DETAILS	General Comments:
PORT SPECIES NUMBER	LOAD PLAN TO FOLLOW
Fremantle sheep 69322	ADJUSTING LOAD TO USE SPARE SPACE
cattle	

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	19	20	21	20	18	21	21 21	23 21	23 20	24 20
Wet bulb	17	18	18	18	15	18	18 18	21 17	21 18	22 17
Humidity	80	81	73	81	71	73	73 73	83 85	83 81	83 73

Outside temps **17 14 70**

Feed Consumption (Average kg / head / day) **ad lib**

Water Consumption (Average L / day / head) **ad lib**

Respiratory Character	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
1=normal 2=panting 3=gasping	1	1	1	1	1	1	1	1	1	1
Faeces										
1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1	1
Deck Conditions										
1=ok 2=wet 3=v wet	1	1	1	1	1	1	1	1	1	1
Degree of Heat Stress										
1=normal 2=mild 3=severe	1	1	1	1	1	1	1	1	1	1

CATTLE	SHEEP	CATTLE	DEATHS	MORTALITY RATE
	69322			
No. LOADED				
Full Deck				
Forward				
Aft				
Daily Mortality				
Full Deck		2	2	4
Forward				
Aft				
Daily Total	19	2	2	4
Cumulative Deaths	19	2	2	4
Mortality rate (%)	0.027	#DIV/0!	#DIV/0!	#####

Cumulative deaths per tier	Full Deck	Forward	Aft
Full Deck	2	2	4
Forward			
Aft			
Mortality Rate (tiers)			
Full Deck	#DIV/0!	#DIV/0!	#DIV/0!
Forward			
Aft			

Cause of Death
 Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM (polio)

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :	Smothered, Bite, Urethritis. Toxaemia. Liver Abscess					
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)				s. 22(1)(a)(ii)						Deck	
		4	4							10,	
		4	4							9,	
		5	5							8,	
		3	3							7,	
		2	2							6,	
		1	1							3F	
										4F	
										Cases - I, E, IIT & Sh & F	
										3A	
										Ewes Lamed	
										No. Euthanased	X1
										s. 22(1)(a)(ii)	

Total 69322 19 19 0.027 VETERINARIAN

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 5th July 16 DAY **2**
 VET: **s. 22(1)(a)(ii)** STOCKMEN: **s. 22(1)(a)(ii)** LNC **8645**

VESSEL POSITION: **22 05S 107 51E** ETA Next Port **Doha 17th July 16**

LOADING DETAILS			General Comments:							
PORT	SPECIES	NUMBER	LOAD PLAN TO FOLLOW							
Fremantle	sheep	69322	ADJUSTING LOAD TO USE SPARE SPACE							
	cattle		Most losses so far due to S & E							

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	23	23	24	23	24	25	26 26	27 26	27 25	29 25
Wet bulb	21	21	22	21	21	22	23 23	24 24	25 23	26 23
Humidity	83	83	83	83	75	76	76 76	77 84	84 84	78 84

Outside temps **22 19 74**

Feed Consumption (Average kg / head / day) **ad lib**
 Water Consumption (Average L / day / head) **ad lib**

Respiratory Character	1=normal 2=panting 3=gasping	1	1	1	1	1	1	1	1	1
Faeces	1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1
Deck Conditions	1=ok 2=wet 3=v wet	1	1	1	1	1	1	1	1	1
Degree of Heat Stress	1=normal 2=mild 3=severe	1	1	1	1	1	1	1	1	1

CATTLE										
SHEEP	69322									
No. LOADED										
Daily Mortality										
Full Deck		2	1	5	5					
Forward										1
Aft							3	2		1
Daily Total	20	2	1	5	5		3	2		2
Cumulative Deaths	39	4	3	9	7	1	4	5	1	5

Mortality rate (%) **0.056** #DIV/0! #DIV/0! ##### #DIV/0! ##### #DIV/0! #DIV/0! ##### #DIV/0! #####

Cumulative deaths per tier										
Full Deck		4	3	9	7	1				
Forward							1	1	1	4
Aft							3	4		1
Mortality Rate (tiers)										
Full Deck		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Forward							#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Aft							#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Cause of Death **E1A1 E1 S&E5 E5 E3 E1 IIE1**

Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM (polio)

SHEEP Number Today's Total Mortality Numbers discharged at : Smothered, Bite, Urethritis, Toxaemia, Liver Abscess

CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
		5	9						7,	Deck	
		3	7						6,7		
		4	4						9,	10,	1
		1	6						9,	9,	1
		3	6						10,11	8,	2
		3	3						8,	7,	
									6,	6,	
									2,3,4,5F2A	3F	3
									4F	4F	
									2,3,4A	Cases - f, E, IIT & Sh & F	
									4A	3A	
									4A	Ewes Lamberd	
									8,		
									7,	No. Euthanased	X1
									7,		
									7,		
									8,		

Total **69322 20 39 0.056** VETERINARIAN **s. 22(1)(a)(ii)**

SHIPBOARD DAILY REPORT											
EXPORTER	EMANUEL		VESSEL		Al Messilah	V150	06-Jul-16	DAY 3			
VET:	STOCKMEN:		LNC		8645						
VESSEL POSITION: 16 395 103 48E			ETA Next Port			Doha 17th July 16					
LOADING DETAILS			General Comments:								
PORT	SPECIES	NUMBER	stockmin given to QW & W & QMLs								
Fremantle	sheep	69322	chaff to follow								
Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2	
Temperature/humidity data							F/A	F/A	F/A	F/A	
Dry bulb	27	27	27	28	27	28	28 26	30 27	29 26	30 27	
Wet bulb	25	25	25	25	23	25	25 24	27 24	27 24	27 24	
Humidity	84	84	84	77	70	77	77 84	78 77	85 84	78 77	
Outside temps	26 2269										
Feed Consumption (Average kg / head / day)	ad lib										
Water Consumption (Average L / day / head)	ad lib										
Respiratory Character	1	1	1	1	1	1	1	1	1	1	
1=normal 2=panting 3=gasping											
Faeces	1	1	1	1	1	1	1	1	1	1	
1=normal 2=sloppy 3=runny											
Deck Conditions	1	1	1	1	1	1	1	1	1	1	
1=ok 2=wet 3=v wet											
Degree of Heat Stress	1	1	1	1	1	1	1	1	1	1	
1=normal 2=mild 3=severe											
CATTLE											
SHEEP	69322		CATTLE		DEATHS		MORTALITY RATE				
No. LOADED	9687	11226	8717	10680	4373	5456					
Full Deck							2816	2705	2514	2361	
Forward							2748	2659	1733	1647	
Aft											
Daily Mortality		1	9	1	2	1					
Full Deck							1	1	1	1	
Forward							1				
Aft											
Daily Total	19	1	9	1	2	1	2	1	1	1	
Cumulative Deaths	58	4	4	18	8	3	6	6	2	6	
Mortality rate (%)	0.084	0.041	0.036	0.206	0.075	0.069	0.018	0.108	0.112	0.047	0.150
Cumulative deaths per tier											
Full Deck	4	4	18	8	3	1					
Forward							2	2	2	5	
Aft							4	4		1	
Mortality Rate (tiers)											
Full Deck	0.04	0.04	0.21	0.07	0.07	0.02					
Forward							0.07	0.07	0.08	0.21	
Aft							0.15	0.15	0.00	0.06	
Cause of Death											
			A1	SSE2U1	A1	A1E1	E1	E1	E1	E1	E1
Enteritis,Pneumonia,Injury, Septicaemia,Inanition, Downer,Shearing sequel,Flystrike, Heat related,Autolysed,NoVisibleLesions,PEM (polio)											
SHEEP Number Todays Total Mortality Numbers discharged at : Smothered, Bite, Urethritis. Toxaemia. Liver Abscess											
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		1	1	s. 22(1)(a)(iii)					7,	Deck	
		1	1						6,7		
		2	2						9,	10,	1
		7	16						9,	9,	1
		1	8						10,11	8,	10 In8f2
			4						8,	7,	
									6,	6,	
		4	10						2,3,4,5F2A	3F	6 In4I2
									4F		
			6						2,3,4A	3A	Cases - I, E, IIT & Sh & F
		1	4						4A		Ewes Lambed
		1	3						4A		
									8,		
									7,	No. Euthanased	X1
									7,		
		1	2						7,		
			1						8,		
Total	69322	19	58	0.084						VETERINARIAN	

SHIPBOARD DAILY REPORT											
EXPORTER	EMANUEL		VESSEL		Al Messilah	V150	07-Jul-16	DAY		4	
VET:	STOCKMEN:		LNC		8645						
VESSEL POSITION: 11 115 99 51E			ETA Next Port			Doha 17th July 16					
LOADING DETAILS			General Comments:								
PORT	SPECIES	NUMBER									
Fremantle	sheep	69322	CHAFF FED TO QW, BW & QMLs								
	cattle										
Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2	
Temperature/humidity data							F/A	F/A	F/A	F/A	
Dry bulb	31	30	30	31	29	31	31 31	32 31	32 31	33 30	
Wet bulb	29	28	28	28	27	28	29 28	30 28	30 28	31 27	
Humidity	86	85	85	79	85	79	86 79	86 79	86 79	86 78	
Outside temps	30 26 72										
Feed Consumption (Average kg / head / day)	ad lib										
Water Consumption (Average L / day / head)	ad lib										
Respiratory Character											
1=normal 2=panting 3=gasping	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	
Faeces											
1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1	1	
Deck Conditions											
1=ok 2=wet 3=v wet	1	1	1	1	1	1	1	1	1	1	
Degree of Heat Stress											
1=normal 2=mild 3=severe	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	
CATTLE											
SHEEP	69322		CATTLE		DEATHS		MORTALITY RATE				
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	1	3	0	2	1	1					
Forward							1				
Aft								1			
Daily Total	10	1	3	0	2	1	1	1	1		
Cumulative Deaths	68	5	7	18	10	4	2	7	7	2 6	
Mortality rate (%)	0.098	0.052	0.062	0.206	0.094	0.091	0.037	0.126	0.130	0.047 0.150	
Cumulative deaths per tier											
Full Deck	5	7	18	10	4	2					
Forward							3	2	2	5	
Aft							4	5		1	
Mortality Rate (tiers)											
Full Deck	0.05	0.06	0.21	0.09	0.09	0.04					
Forward							0.11	0.07	0.08	0.21	
Aft							0.15	0.19	0.00	0.06	
Cause of Death	S1	S3		P1S1	E1	P/S	E/S	E/S			
Enteritis,Pneumonia,Injury, Septicaemia,Inanition, Downer,Shearing sequel,Flystrike, Heat related,Autolysed,NoVisibleLesions,PEM (polio)											
SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis. Toxaemia. Liver Abscess		
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		1	2	s. 22(1)(a)(ii)					7,	Deck	
		1	2						6,7		
			2						9,	10,	
			16						9,	9,	
		4	12						10,11	8,	12 In10I2
		1	5						8,	7,	
										6,	3 In1I2
		1	11						2,3,4,5F2A	3F	10 In8I2
										4A	2 In2
										Cases - I, E, IIT & Sh & F	
		1	7						2,3,4A		
			4						4A	Ewes Lamberd	x1
									4A		DEL
		1	4						8,	No. Euthanased	X1
									7,		
									7,		
			2						7,		
			1						8,		
Total	69322	10	68	0.098						VETERINARIAN	

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **AI Messilah V150** 08-Jul-16 DAY **5**
 VET: **[REDACTED]** STOCKMEN: **[REDACTED]** LNC **8645**

VESSEL POSITION: **6 40S 94 43E** ETA Next Port **Doha 17th July 16**

LOADING DETAILS			General Comments:							
PORT	SPECIES	NUMBER	QUITE HOT AND HUMID YESTERDAY AFTERNOON							
Fremantle	sheep	69322	PINK EYE TREATMENT STARTED - INDIV. CASES							
	cattle		CHAFF FED TO QW, BW & QMLs AGAIN							

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	30	30	30	30	30	30	30 30	32 30	31 30	33 30
Wet bulb	28	28	28	28	27	27	28 28	30 28	29 28	31 28
Humidity	85	85	85	85	78	78	85 85	86 85	86 85	86 85

Outside temps **29 26 78**

Feed Consumption (Average kg / head / day) **ad lib**

Water Consumption (Average L / day / head) **ad lib**

Respiratory Character	1=normal 2=panting 3=gasping	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
Faeces	1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1
Deck Conditions	1=ok 2=wet 3=v wet	1	1	1	1	1	1	1	1	1
Degree of Heat Stress	1=normal 2=mild 3=severe	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2

CATTLE										
SHEEP	69322	CATTLE		DEATHS		MORTALITY RATE				
No. LOADED										
Full Deck	9687	11226	8717	10680	4373	5456				
Forward							2816	2705	2514	2361
Aft							2748	2659	1733	1647
Daily Mortality										
Full Deck	2	3	9	6	6					
Forward								1		
Aft								2		
Daily Total	29	2	3	9	6	6		3		
Cumulative Deaths	97	7	10	27	16	10	2	10	7	2
Mortality rate (%)	0.140	0.072	0.089	0.310	0.150	0.229	0.037	0.180	0.130	0.047

Cumulative deaths per tier										
Full Deck	7	10	27	16	10	2				
Forward							4	2	2	5
Aft							6	5		1
Mortality Rate (tiers)										
Full Deck	0.07	0.09	0.31	0.15	0.23	0.04				
Forward							0.14	0.07	0.08	0.21
Aft							0.22	0.19	0.00	0.06

Cause of Death **A1E1 A3 S&P S&P In2A1E1 P2E1**
 Enteritis,Pneumonia,Injury, Septicaemia,Inanition, Downer,Shearing sequel,Flystrike, Heat related,Autolysed,NoVisibleLesions,PEM (polio)

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis. Toxaemia. Liver Abscess		
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
[REDACTED]		4	6	[REDACTED]					7,	Deck	
[REDACTED]			2						6,7		
[REDACTED]		1	3						9,	10,	
[REDACTED]		8	24						9,	9,	
[REDACTED]		5	17						10,11	8,	13 In11I2
[REDACTED]		5	10						8,	7,	
[REDACTED]										6,	4 In1I3
[REDACTED]		1	12						2,3,4,5F2A	3F	11 In9I2
[REDACTED]										4A	3 In3
[REDACTED]										Cases - I, E, IIT & Sh & F	
[REDACTED]			7						2,3,4A		
[REDACTED]		1	5						4A	Ewes Lamed	x1
[REDACTED]		1	1						4A		DEL
[REDACTED]		1	5						8,	No. Euthanased	x3
[REDACTED]									7,		
[REDACTED]		1	1						7,		
[REDACTED]		1	3						7,		
[REDACTED]			1						8,		
Total	69322	29	97	0.140						VETERINARIAN	

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 09-Jul-16 DAY **6**
 VET: s. 22(1)(a)(ii) STOCKMEN: s. 22(1)(a)(ii) LNC **8645**

VESSEL POSITION: **2 35S 89 30E** ETA Next Port **Doha 17th July 16**

LOADING DETAILS			General Comments:							
PORT	SPECIES	NUMBER	PINK EYE TREATMENT CONTINUES - INDIV. CASES							
Fremantle	sheep	69322	CHAFF FED TO SOME QW, BW & QMLs AGAIN. AND DRLS plus STOCKMIN							
	cattle									

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	31	30	30	30	30	30	31 30	32 30	32 31	33 30
Wet bulb	29	28	28	28	28	28	29 28	30 28	30 29	31 28
Humidity	86	85	85	85	85	85	86 85	86 85	86 86	86 85

Outside temps **29 26 78**

Feed Consumption (Average kg / head / day) **ad lib**
 Water Consumption (Average L / day / head) **ad lib**

Respiratory Character	1=normal 2=panting 3=gasping	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
Faeces	1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1	1
Deck Conditions	1=ok 2=wet 3=v wet	1	1	1&2	1&2	1&2	1&2	1	1	1	1&2/1
Degree of Heat Stress	1=normal 2=mild 3=severe	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2

CATTLE											
SHEEP	69322										
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	4	4	7	2	7	2					
Forward							0	1			
Aft							5	3			
Daily Total	35	4	4	7	2	7	5	4			
Cumulative Deaths	132	11	14	34	18	17	4	15	11	2	6
Mortality rate (%)	0.190	0.114	0.125	0.390	0.169	0.389	0.073	0.270	0.205	0.047	0.150

Cumulative deaths per tier											
Full Deck	11	14	34	18	17	4					
Forward							9	3	2	5	
Aft							6	8		1	
Mortality Rate (tiers)											
Full Deck	0.11	0.12	0.39	0.17	0.39	0.07					
Forward							0.32	0.11	0.08	0.21	
Aft							0.22	0.30	0.00	0.06	

Cause of Death **E4 E2S2 E2 S5 E2 E5S2 A2 E5 A1E3 ...**

Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM (polio)

SHEEP Number Todays Total Mortality Numbers discharged at : Smothered, Bite, Urethritis. Toxaemia. Liver Abscess

CLASS	LOADED	TODAYS DEATHS	TOTAL DEATHS	MORTALITY RATE	NUMBERS DISCHARGED AT:	DECK	HOSPITALS	NUMBER OF CASES
s. 22(1)(a)(ii)		4	10	s. 22(1)(a)(ii)	Doha	7,	Deck	
		2	4		Kuwait	6,7		
		3	6		Dubai	9,	10,	
		4	28		Muscat	9,	9,	4
		8	25			10,11	8,	14 In11/2
		0	10			8,	7,	
		1	13			2,3,4,5F2A	6,	5 In11/3
			7				3F	11 In9/2
		7	12			2,3,4A	4A	3 In3
		1	1				Cases - I, E, IIT & Sh & F	
		1	6			4A	Ewes Lambered x1	
			1			4A	DEL	
			1			8,	No. Euthanased x3	
			1			7,		
		3	7			7,		
		1	2			8,		

Total **69322 35 132 0.190** VETERINARIAN s. 22(1)(a)(ii)

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 11-Jul-16 DAY **8**
 VET: **s. 22(1)(a)(ii)** STOCKMEN: **s. 22(1)(a)(ii)** LNC **8645**

VESEL POSITION: **5 13N 79 34E** ETA Next Port **Doha 17th July 16**

LOADING DETAILS			General Comments:							
PORT	SPECIES	NUMBER	PINK EYE TREATMENT CONTINUES - INDIV. CASES CHAFF FED DRLS AGAIN							
Fremantle	sheep	69322								
	cattle									

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	30	30	31	30	30	30	32 31	32 31	32 31	33 31
Wet bulb	28	28	29	28	28	28	29 29	30 29	30 29	31 28
Humidity	85	85	86	85	85	85	79 86	86 86	86 86	86 79
Outside temps	30 26 72									
Feed Consumption (Average kg / head / day)	ad lib									
Water Consumption (Average L / day / head)	ad lib									

Respiratory Character										
1=normal 2=panting 3=gasping	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
Faeces										
1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1	1
Deck Conditions										
1=ok 2=wet 3=v wet	1	1	1&2	1&2	1&2	1&2	1	1	1	1&2/1
Degree of Heat Stress										
1=normal 2=mild 3=severe	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2

CATTLE										
SHEEP	69322	CATTLE		DEATHS	MORTALITY RATE					
No. LOADED										
Full Deck	9687	11226	8717	10680	4373	5456				
Forward							2816	2705	2514	2361
Aft							2748	2659	1733	1647
Daily Mortality										
Full Deck	2	2	7	5	4	1				
Forward								1	1	
Aft							2	2		
Daily Total	27	2	2	7	5	4	1	2	3	1
Cumulative Deaths	185	14	19	42	28	23	9	19	14	9
Mortality rate (%)	0.267	0.145	0.169	0.482	0.262	0.526	0.165	0.341	0.261	0.212

Cumulative deaths per tier										
Full Deck	14	19	42	28	23	9				
Forward							10	4	8	6
Aft							9	10	1	2
Mortality Rate (tiers)										
Full Deck	0.14	0.17	0.48	0.26	0.53	0.16				
Forward							0.36	0.15	0.32	0.25
Aft							0.33	0.38	0.06	0.12

Cause of Death **E2 E2 S7 S5 S4 A1 E2 E3 E1**
 Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM (polio)

SHEEP	Number	Todays	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis. Toxaemia. Liver Abscess		
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		4	16	s. 22(1)(a)(ii)					7,	Deck	
		1	9						6,7		
		3	10						9,	10,	3
		4	32						9,	9,	8
		4	33						10,11	8,	14 In11I2
		1	12						8,	7,	
		2	23						6,	6,	6 In1I3
		2	10						2,3,4,5F2A	3F	10 In9I2
		2	15							4A	3 In3
		0	1							Cases - I, E, IIT & Sh & F	
		4	13						2,3,4A	Ewes Lamed x2	
		1	7						4A	DEL	
		7	3						8,	No. Euthanased x8	
		7							7,		
		7							7,		
		8,							8,		
Total	69322	27	185	0.267						VETERINARIAN s. 22(1)(a)(ii)	

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah** VISO **12-Jul-16** DAY **9**
 VET: **s. 22(1)(a)(ii)** STOCKMEN: **s. 22(1)(a)(ii)** LNC **8645**

VESSEL POSITION: **8 45N 75 1SE** ETA Next Port **Doha 17th July 16**

LOADING DETAILS			General Comments:							
PORT	SPECIES	NUMBER	90+ scabby mouth isolated from QVWs deck 11							
Fremantle	sheep	69322	PINK EYE TREATMENT CONTINUES - INDIV. TREATMENT - few cases							
	cattle		CHAFF FED RLs & AAWs							

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	31	31	31	31	30	31	31 31	33 31	32 31	33 31
Wet bulb	29	29	29	29	28	28	29 29	31 29	30 29	31 29
Humidity	86	86	86	86	85	79	86 86	86 86	86 86	86 86

Outside temps **30 26 72**

Feed Consumption (Average kg / head / day) **ad lib**
 Water Consumption (Average L / day / head) **ad lib**

Respiratory Character	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
1=normal 2=panting 3=gasping	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
Faeces										
1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1	1
Deck Conditions										
1=ok 2=wet 3=v wet	1	1	1&2	1&2	1&2	1&2	1	1	1	1&2/1
Degree of Heat Stress										
1=normal 2=mild 3=severe	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2

CATTLE											
SHEEP	69322	CATTLE		DEATHS		MORTALITY RATE					
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	5	4	2	7	4	4					
Forward							1				2
Aft							6	5	3		
Daily Total	43	5	4	2	7	4	7	5	3	2	
Cumulative Deaths	228	19	23	44	35	27	13	26	19	12	10
Mortality rate (%)	0.329	0.196	0.205	0.505	0.328	0.617	0.238	0.467	0.354	0.283	0.250

Cumulative deaths per tier											
Full Deck	19	23	44	35	27	13					
Forward							11	4	8	8	
Aft							15	15	4	2	
Mortality Rate (tiers)											
Full Deck	0.20	0.20	0.50	0.33	0.62	0.24					
Forward							0.39	0.15	0.32	0.34	
Aft							0.55	0.56	0.23	0.12	

Cause of Death **P1E2A1 E1A3 E1P1 E3P1 E3 E4 E2 E1**

Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM (polio)

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at:				Smothered, Bite, Urethritis, Toxaemia, Liver Abscess		
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		3	19	s. 22(1)(a)(ii)					7,	Deck	
		4	13						6,7		
		10							9,	10,	3
		2	34						9,	9,	8
		9	42						10,11	8,	14 In1112
		1	13						8,	7,	
		3	26						6,	6 In113	
		7	17						2,3,4,5F2A	3F	10 In912
		3	18							4A	3 In3
		4	5							Cases - I, E, IIT & Sh & F	
		5	18						2,3,4A	Ewes Lamberd	x3
		1	8						4&5A		DEL&E
		1	4						4A		
		1	8						8,	No. Euthanased	x12
		1	4						7,		
		1	8						7,		
		1	4						8,		
Total	69322	43	228	0.329							

VETERINARIAN **s. 22(1)(a)(ii)**

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 13-Jul-16 DAY **10**
 VET: ^{s. 22(1)(a)(ii)} STOCKMEN: ^{s. 22(1)(a)(ii)} LNC **8645**

VESSEL POSITION: **13 13N 71 38E** ETA Next Port **Doha 17th July 16**

LOADING DETAILS			General Comments: Most BRs and many DRLs deaths are Van Ruiwi sheep approx. 150 scabby mouth isolated from QYWs deck 11 & 10 (to be continued)							
PORT	SPECIES	NUMBER	PINK EYE TREATMENT CONTINUES - INDIV. TREATMENT - few cases							
Fremantle	sheep	69322	CHAFF FED RLs & AAWs again							
	cattle									

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	30	30	31	30	30	31	31 33	31 31	33 31	32 31
Wet bulb	27	27	29	28	27	28	29 31	29 29	31 29	30 28
Humidity	78	78	86	85	78	79	86 86	86 86	86 86	86 79

Outside temps **30 26 72**

Feed Consumption (Average kg / head / day) **ad lib**

Water Consumption (Average L / day / head) **ad lib**

Respiratory Character	1=normal 2=panting 3=gasping	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
Faeces	1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1
Deck Conditions	1=ok 2=wet 3=v wet	1	1	1&2	1&2	1&2	1&2	1	1	1&2/1
Degree of Heat Stress	1=normal 2=mild 3=severe	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2

CATTLE											
SHEEP	69322	CATTLE		DEATHS		MORTALITY RATE					
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	1	2	6	5	5	3					
Forward							1	1			
Aft							4	2	1		
Daily Total	31	1	2	6	5	5	5	3	1		
Cumulative Deaths	259	20	25	50	40	32	16	31	22	13	10
Mortality rate (%)	0.374	0.206	0.223	0.574	0.375	0.732	0.293	0.557	0.410	0.306	0.250

Cumulative deaths per tier											
Full Deck	20	25	50	40	32	16					
Forward							12	5	8	8	
Aft							19	17	5	2	
Mortality Rate (tiers)											
Full Deck	0.21	0.22	0.57	0.37	0.73	0.29					
Forward							0.43	0.18	0.32	0.34	
Aft							0.69	0.64	0.29	0.12	

Cause of Death **NVL1 S2 E6 H1P1E2A1 S2E1A1 S2 P3 P3 P1**

Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM (polio) Smothered, Bite, Urethritis, Toxaemia, Liver Abscess

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis, Toxaemia, Liver Abscess		
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
^{s. 22(1)(a)(ii)}		1	20	^{s. 22(1)(a)(ii)}					7,	Deck	
		3	16						6,7		
		3	13						9,	10,	10 RLs
		3	37						9,	9,	18
		3	45						10,11	8,	16 In11I2
		3	16						8,	7,	0
		2	28						2,3,4,5F2A	6,	8 In1I3
		2	19						2,3,4A	3F	12 In9I2
		4	22						4&5A	4A	6 In3
		1	6						4A	Cases - I, E, IIII & Sh & F	
		2	20						8,	Ewes Lambered x4	
		1	4						7,	DEL&E	
		4	12						7,	No. Euthanased x12	
		4	4						8,		
Total	69322	31	259	0.374					VETERINARIAN		

SHIPBOARD DAILY REPORT											
EXPORTER	EMANUEL		VESSEL		Al Messilah	V150	14-Jul-16	DAY		11	
VET:	s. 22(1)(a)(ii)		STOCKMEN:		LNC		8645				
VESSEL POSITION:			19 05N 69 06E		ETA Next Port			Doha 17th July 16			
LOADING DETAILS			General Comments: 76 scabby mouth cases isolated deck 9 - BW & QWs approx. 150 scabby mouth isolated from QYWs deck 11 & 10 (to be continued) PINK EYE TREATMENT CONTINUES - INDIV. TREATMENT - few cases CHAFF FED RLs & AAWs again First HR downer cases hospitalised								
PORT	SPECIES	NUMBER									
Fremantle	sheep	69322									
	cattle										
Item		Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data								F/A	F/A	F/A	F/A
Dry bulb		30	29	31	30	29	31	31 31	33 31	33 32	34 31
Wet bulb		28	27	29	28	27	29	29 29	31 29	31 30	32 29
Humidity		85	85	86	85	85	86	86 86	86 86	86 86	86 86
Outside temps		30 27 78									
Feed Consumption (Average kg / head / day)		ad lib									
Water Consumption (Average L / day / head)		ad lib									
Respiratory Character											
1=normal 2=panting 3=gasping		1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
Faeces											
1=normal 2=sloppy 3=runny		1	1	1	1	1	1	1	1	1	1
Deck Conditions											
1=ok 2=wet 3=v wet		1	1	1&2	1&2	1&2	1&2	1&2/1	1&2/1	1&2/1	1&2/1
Degree of Heat Stress											
1=normal 2=mild 3=severe		1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
CATTLE											
SHEEP		69322		CATTLE		DEATHS		MORTALITY RATE			
No. LOADED											
Full Deck		9687	11226	8717	10680	4373	5456				
Forward								2816	2705	2514	2361
Aft								2748	2659	1733	1647
Daily Mortality											
Full Deck		3	4	9	6	6	1				
Forward								1	2	1	5
Aft								7	2	4	
Daily Total		51	3	4	9	6	6	1	8	4	5
Cumulative Deaths		310	23	29	59	46	38	17	39	26	18
Mortality rate (%)		0.447	0.237	0.258	0.677	0.431	0.869	0.312	0.701	0.485	0.424
Cumulative deaths per tier											
Full Deck		23	29	59	46	38	17				
Forward								13	7	9	13
Aft								26	19	9	2
Mortality Rate (tiers)											
Full Deck		0.24	0.26	0.68	0.43	0.87	0.31				
Forward								0.46	0.26	0.36	0.55
Aft								0.95	0.71	0.52	0.12
Cause of Death		A2		S4		E3S1C2		P1S2E1A1		P2E2	
		P2H1		H3C1							
Enteritis,Pneumonia,Injury, Septicaemia,Inanition, Downer,Shearing sequel,Flystrike, Heat related,Autolysed,NoVisibleLesions,PEM,Cast											
SHEEP		Number	Today's	Total	Mortality	Numbers discharged at :			Smothered, Bite, Urethritis. Toxaemia. Liver Abscess		
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		1	21	s. 22(1)(a)(ii)					7,	Deck	
		1	17						6,7		
		1	14						9,	10,	10 RLs
		8	45						9,	9,	18
		7	52						10,11	8,	16 In11I2
		1	17						8,	7,	0
		9	37						6,	6,	8 In1I3
		6	25						2,3,4,5F2A	3F	12 In9I2
		6	28							4A	6 In3
		1	7							Cases - I, E, IIII & Sh & F	
		4	24						2,3,4A	Ewes Lambled x4	
		1	1						4&5A	DEL&E	
		4	16						4A	No. Euthanased x15	
		1	5						8,		
									7,		
									7,		
									8,		
										s. 22(1)(a)(ii)	
Total	69322	51	310	0.447				VETERINARIAN			

SHIPBOARD DAILY REPORT											
EXPORTER	EMANUEL		VESSEL		Al Messilah	V150	15-Jul-16	DAY		12	
VET:	s. 22(1)(a)(ii)		STOCKMEN:		LNC		8645				
VESSEL POSITION:			24 06N 64 54E		ETA Next Port			Doha 17th July 16			
LOADING DETAILS			General Comments: 76 scabby mouth cases isolated deck 9 - BW & QWs								
PORT	SPECIES	NUMBER	approx. 200 scabby mouth isolated from QYWs deck 11 & 10								
Fremantle	sheep	69322	PINK EYE TREATMENT CONTINUES - INDIV. TREATMENT - few cases								
	cattle		Heat (humidity) major stressor triggering rise in losses				stockmin to some RLs				
Item		Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data								F/A	F/A	F/A	F/A
Dry bulb		31	30	31	31	30	31	31 31	33 31	33 32	33 31
Wet bulb		28	28	29	28	27	29	29 29	31 29	31 30	31 29
Humidity		79	85	86	79	78	86	86 86	86 86	86 86	86 86
Outside temps	30 27 78										
Feed Consumption		ad lib									
(Average kg / head / day)											
Water Consumption		ad lib									
(Average L / day / head)											
Respiratory Character											
1=normal 2=panting 3=gasping		1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
Faeces											
1=normal 2=sloppy 3=runny		1	1	1	1	1	1	1	1	1	1
Deck Conditions											
1=ok 2=wet 3=v wet		1	1	1&2	1&2	1&2	1&2	1&2/1	1&2/1	1&2/1	1&2/1
Degree of Heat Stress											
1=normal 2=mild 3=severe		1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
CATTLE											
SHEEP	69322	CATTLE		DEATHS	MORTALITY RATE						
No. LOADED		9687	11226	8717	10680	4373	5456				
Full Deck								2816	2705	2514	2361
Forward								2748	2659	1733	1647
Aft											
Daily Mortality											
Full Deck		5	4	3	9	4	4				
Forward								2	9	2	2
Aft								5	9		1
Daily Total		59	5	4	3	9	4	4	7	18	2
Cumulative Deaths		369	28	33	62	55	42	21	46	44	20
Mortality rate (%)		0.532	0.289	0.294	0.711	0.515	0.960	0.385	0.827	0.820	0.471
Cumulative deaths per tier											
Full Deck		28	33	62	55	42	21				
Forward								15	16	11	15
Aft								31	28	9	3
Mortality Rate (tiers)											
Full Deck		0.29	0.29	0.71	0.51	0.96	0.38				
Forward								0.53	0.59	0.44	0.64
Aft								1.13	1.05	0.52	0.18
Cause of Death											
		P2E1	E4	E2	S6E2	H1E1S1	S2A1	E/P&S	P&S	E2	E2P1
Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast											
SHEEP Number Todays Total Mortality Numbers discharged at : Smothered, Bite, Urethritis, Toxaemia, Liver Abscess											
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		3	24	s. 22(1)(a)(ii)					7,	Deck	
		4	21						6,7		
			14						9,	10,	10 RLs
		3	48						9,	9,	18
		9	61						10,11	8,	16 In11/2
			17						8,	7,	0
		16	53						2,3,4,5F2A	6,	8 In13
										3F	12 In9/2
										4A	6 In3
										Cases - I, E, IIT & Sh & F	
		7	32						2,3,4A		
		7	35						4&5A	Ewes Lamberd	x4
			7						4A	DEL&E	
		6	30						8,		
		1	2						7,	No. Euthanased	x15
			1						7,		
			16						7,		
		3	8						8,		
Total 69322 59 369 0.532 VETERINARIAN											

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 17-Jul-16 DAY **14**
 VET: s. 22(1)(a)(ii) STOCKMEN: s. 22(1)(a)(ii) LNC **8645**

VESSEL POSITION: **25 15N 51 46E** ETA Next Port **Doha 17th July 16**

LOADING DETAILS
 PORT SPECIES NUMBER
 Fremantle sheep **69322**
 cattle
 General Comments: all extra space - alley ways, ramps between decks, open areas used to spread animals out | 312 scabby mouth cases from doha sheep increased losses due to heat stroke - extremely hot & humid last night onboard
 Drier this morning - animals coping better and okay at present Due Doha this arvo

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	36	34	35	34	35	35	35 35	36 35	35 35	35 35
Wet bulb	33	31	32	31	32	32	32 32	33 32	32 32	32 32
Humidity	81	80	80	80	80	80	80 80	81 80	80 80	80 80

Outside temps **37 31 64**

Feed Consumption (Average kg / head / day) **ad lib**
 Water Consumption (Average L / day / head) **ad lib**

Respiratory Character	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
1=normal 2=panting 3=gasping	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3
Faeces										
1=normal 2=sloppy 3=runny	1	1	1	1	1	1	1	1	1	1
Deck Conditions										
1=ok 2=wet 3=v wet	1	1	1&2	1&2	1&2	1&2	1&2	1&2	1&2	1&2
Degree of Heat Stress										
1=normal 2=mild 3=severe	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3

CATTLE	SHEEP		CATTLE		DEATHS		MORTALITY RATE				
	69322										
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	20	36	24	42	14	6					
Forward							7	11	11	8	
Aft							5	17	16	5	
Daily Total	222	20	36	24	42	14	6	12	28	27	13
Cumulative Deaths	655	52	74	92	103	61	34	63	89	50	37
Mortality rate (%)	0.945	0.537	0.659	1.055	0.964	1.395	0.623	1.132	1.659	1.177	0.923

Cumulative deaths per tier	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Full Deck	52	74	92	103	61	34				
Forward							24	34	22	29
Aft							39	55	38	8
Mortality Rate (tiers)										
Full Deck	0.54	0.66	1.06	0.96	1.39	0.62				
Forward							0.85	1.26	0.88	1.23
Aft							1.42	2.07	2.19	0.49

Cause of Death
 Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis, Toxaemia, Liver Abscess		
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		7	31	s. 22(1)(a)(ii)					7,	Deck	
		6	34						6,7		
		6	22						9,	10,	10 RLs
		18	70						9,	9,	18
		56	126						10,11	8,	15 In112
		12	32						8,	7,	0
		40	111						2,3,4,5F2A	6,	8 In113
		35	75							3F	10 In912
		4	45							4A	6 In3
		1	8							Cases - I, E, IIT & Sh & F	
		16	48						2,3,4A	Ewes Lambled	x6
		1	3						4&5A		DEL&E
		2	3						4A	No. Euthanased	x43
		4	24						8,		
		14	23						7,		
									7,		
									8,		
Total	69322	222	655	0.945							

VETERINARIAN

SHIPBOARD DAILY REPORT															
EXPORTER		EMANUEL		VESSEL		Al Messilah		V150		18-Jul-16		DAY		15	
VET: s. 22(1)(a)(ii)		STOCKMEN: s. 22(1)(a)(ii)		LNC		8645									
VESSEL POSITION: Doha				ETA Next Port				Doha 17th July 16							
LOADING DETAILS				General Comments: Hot & humid - discharge proceeding slowly - 7 trucks only & long turn around - spreading sheep into vacated space as sheep discharged - 10,000 off overnight											
PORT	SPECIES	NUMBER													
Fremantle	sheep	69322													
	cattle														
Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2					
Temperature/humidity data							F/A	F/A	F/A	F/A					
Dry bulb	36	36	37	36	35	39	35 36	36 36	36 36	36 35					
Wet bulb	33	33	34	33	32	36	32 33	33 33	33 33	33 32					
Humidity	81	81	81	81	80	82	80 81	81 81	81 81	81 80					
Outside temps	37 33 75														
Feed Consumption (Average kg / head / day)	ad lib														
Water Consumption (Average L / day / head)	ad lib														
Respiratory Character	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3					
1=normal 2=panting 3=gasping															
Faeces	1	1	1	1	1	1	1	1	1	1					
1=normal 2=sloppy 3=runny															
Deck Conditions	1&2	2&3	2&3	2&3	1&2	1&2	2&3	2&3	2&3	2&3					
1=ok 2=wet 3=v wet															
Degree of Heat Stress	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3					
1=normal 2=mild 3=severe															
CATTLE															
SHEEP	69322		CATTLE		DEATHS		MORTALITY RATE								
No. LOADED															
Full Deck	9687	11226	8717	10680	4373	5456									
Forward							2816	2705	2514	2361					
Aft							2748	2659	1733	1647					
Daily Mortality															
Full Deck	19	66	22	18	11	11									
Forward							11	28	12	9					
Aft							8	10	14	6					
Daily Total	245	19	66	22	18	11	11	19	38	26	15				
Cumulative Deaths	900	71	140	114	121	72	45	82	127	76	52				
Mortality rate (%)	1.298	0.733	1.247	1.308	1.133	1.646	0.825	1.474	2.368	1.789	1.297				
Cumulative deaths per tier															
Full Deck	71	140	114	121	72	45									
Forward							35	62	34	38					
Aft							47	65	52	14					
Mortality Rate (tiers)															
Full Deck	0.73	1.25	1.31	1.13	1.65	0.82									
Forward							1.24	2.29	1.35	1.61					
Aft							1.71	2.44	3.00	0.85					
Cause of Death	all heat related														
Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast															
SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis. Toxaemia. Liver Abscess						
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases				
s. 22(1)(a)(ii)				s. 22(1)(a)(ii)						Deck					
	4	35							7,						
	11	45							6,7						
	12	34							9,	10,	10 Rls				
	10	80							9,	9,	18				
	85	211							10,11	8,	15				
	6	38							8,	7,	0				
										6,	8				
	64	175							2,3,4,5F2A	3F	10				
										4A	6				
										Cases - I, E, IIT & Sh & F					
	25	100							2,3,4A						
	9	54							4&5A	Ewes Lambed	x6				
		8							4A		DEL&E				
	8	56							8,						
	2	5							7,	No. Euthanased	x57				
		3							7,						
	5	29							7,						
	4	27							8,						
Total	69322	245	900	1.298					VETERINARIAN						

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 19-Jul-16 DAY **16**
 VET: ^{s. 22(1)(a)(ii)} **[REDACTED]** STOCKMEN: ^{s. 22(1)(a)(ii)} **[REDACTED]** LNC **8645**

VESSEL POSITION: **Doha** ETA Next Port **Kuwait 21/07/16**

LOADING DETAILS
 PORT SPECIES NUMBER
Fremantle sheep **69322**
 cattle
 General Comments: **Hot & humid - discharge proceeding slowly - 7 trucks only & long turn around Expect to complete discharge late this evening losses heat related.**

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb	35	35	35	35	36	36	36 35	36 36	35 36	35 36
Wet bulb	32	32	32	32	33	33	33 32	33 33	32 33	32 33
Humidity	80	80	80	80	81	81	81 80	81 81	80 81	80 81
Outside temps	38 31 59									
Feed Consumption (Average kg / head / day)	ad lib									
Water Consumption (Average L / day / head)	ad lib									

Respiratory Character	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
1=normal 2=panting 3=gasping			2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3
Faeces			1	1	1	1	1	1	1	1
1=normal 2=sloppy 3=runny										
Deck Conditions			2&3	2&3	1&2	1&2	2&3	2&3	2&3	2&3
1=ok 2=wet 3=v wet										
Degree of Heat Stress			2to3	2to3	2to3	2to3	2to3	2to3	2to3	2to3
1=normal 2=mild 3=severe										

CATTLE	SHEEP		CATTLE		DEATHS		MORTALITY RATE				
	69322										
No. LOADED			9687	11226	8717	10680	4373	5456			
Full Deck									2816	2705	2514
Forward									2748	2659	1733
Aft											1647
Daily Mortality											
Full Deck			14	16	20	126	24	16			
Forward									32	33	28
Aft									13	31	1
Daily Total	387	14	16	20	126	24	16	16	45	64	29
Cumulative Deaths	1287	85	156	134	247	96	61	61	127	191	105
Mortality rate (%)	1.857	0.877	1.390	1.537	2.313	2.195	1.118	1.118	2.283	3.561	2.472

Cumulative deaths per tier	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Full Deck		85	156	134	247	96	61			
Forward								67	95	52
Aft								60	96	53
Mortality Rate (tiers)										
Full Deck		0.88	1.39	1.54	2.31	2.20	1.12			
Forward								2.38	3.51	2.07
Aft								2.18	3.61	3.06

Cause of Death **heat related**

Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				DECK	Hospitals	Number of cases
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat		Deck	
^{s. 22(1)(a)(ii)}		5	40	^{s. 22(1)(a)(ii)}						7,	
		16	61							6,7	
		4	38							9,	
		16	96							10, 10 RLs	
		30	241							9, 18	
		76	114							10,11 8, 15	
		123	298							8, 7, 0	
										6, 8	
										3F 10	
										4A 6	
										Cases - I, E, IIT & Sh & F	
		33	133							2,3,4A	
		12	66							4&5A	
		3	11							4A	
		34	90							8,	
		4	9							7,	
		4	7							7,	
		11	40							7,	
		16	43							8,	
Total	69322	387	1287	1.857						VETERINARIAN	

Ewes Lambded **x6**
 DEL&E
 No. Euthanased **x57**
^{s. 22(1)(a)(ii)}

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 20-Jul-16 DAY **17**
 VET: s. 22(1)(a)(ii) STOCKMEN: s. 22(1)(a)(ii) LNC 8645

VESEL POSITION: **28 41N 49 49E** ETA Next Port **Kuwait 20/07/16**

LOADING DETAILS
 PORT SPECIES NUMBER
Fremantle sheep 69322
 cattle
 General Comments: sheep spread out into vacated space
 BWs on deck 9 given more space
 Some of MWLs on decks 2,3,4,5F moved to deck 8
 & some XBLs and DRLs to deck 6 RIs given lots more room on deck 8

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb			33	34	34	35	35 35	35 35	36 35	35 34
Wet bulb			30	31	31	32	32 32	32 32	33 32	32 31
Humidity			80	80	80	80	80 80	80 80	81 80	80 80

Outside temps **36 32 75**

Feed Consumption
 (Average kg / head / day) **ad lib**
 Water Consumption
 (Average L / day / head) **ad lib**

Respiratory Character	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
1=normal 2=panting 3=gasping			2	2	2	2	2	2	2	2
Faeces										
1=normal 2=sloppy 3=runny			1	1	1	1	1	1	1	1
Deck Conditions										
1=ok 2=wet 3=v wet			2&3	2&3	1&2	1&2	2&3	2&3	2&3	2&3
Degree of Heat Stress										
1=normal 2=mild 3=severe			2	2	2	2	2	2	2	2

CATTLE	SHEEP		CATTLE		DEATHS		MORTALITY RATE				
	69322										
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	0	0	11	18	3	2					
Forward							3	4	2	1	
Aft							2	1	1	2	
Daily Total	50	0	0	11	18	3	2	5	5	3	3
Cumulative Deaths	1337	85	156	145	265	99	63	132	196	108	88
Mortality rate (%)	1.929	0.877	1.390	1.663	2.481	2.264	1.155	2.372	3.654	2.543	2.196

Cumulative deaths per tier	Full Deck	Forward	Aft
Full Deck	85	156	145
Forward			
Aft			
Mortality Rate (tiers)			
Full Deck	0.88	1.39	1.66
Forward			
Aft			

Cause of Death **heat related**

Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis. Toxaemia. Liver Abscess		
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		0	40	s. 22(1)(a)(ii)					7,	Deck	
		2	63						6,7		
		0	38						9,	10,	10 RIs
		11	107						9,	9,	18
		0	241						10,11	8,	15
		16	130						8,	7,	0
										6,	8
		10	308						2,3,4,5F2A	3F	10
										4A	6
										Cases - I, E, IIT & Sh & F	
		4	137						2,3,4A		
		2	68						4&5A	Ewes Lambled	x6
		0	11						4A		DEL&E
		2	92						8,		
		1	10						7,	No. Euthanased	x71
		0	7						7,		
		2	42						7,		
		0	43						8,		
Total	69322	50	1337	1.929						VETERINARIAN	

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 21-Jul-16 DAY **18**
 VET: s. 22(1)(a)(ii) STOCKMEN: s. 22(1)(a)(ii) LNC 8645

VESEL POSITION: **Kuwait** ETA Next Port **Dubai 23/07/16**

LOADING DETAILS			General Comments: expect to declare 2% mortality tomorrow - but presently cannot verify mortality of 387 reported on 19th & was probably overstated as some of deaths on 18th were counted twice. With alley ways full of sheep it was impossible to remove bodies from lower decks while in port.
PORT	SPECIES	NUMBER	
Fremantle	sheep	69322	
	cattle		

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb			38	37	39	37	36 37	36 37	35 37	35 37
Wet bulb			28	27	28	27	27 28	28 27	28 26	28 26
Humidity			44	43	40	43	48 48	53 39	57 39	57 39

Outside temps **49 27 15**
 Feed Consumption (Average kg / head / day) **will be able to confirm mortality number etc once kuwait discharge completed. dubai and muscat sheep have been counted and separated - tallies with plan so need to check MWL, XBL & EWE numbers discharged to validate count - will complete 22nd am**
 Water Consumption (Average L / day / head) **ad lib**

Respiratory Character										
1=normal 2=panting 3=gasping			1	1	1	1	1	1	1	1
Faeces										
1=normal 2=sloppy 3=runny			1	1	1	1	1	1	1	1
Deck Conditions										
1=ok 2=wet 3=v wet			1&2	1&2	1&2	1&2	2&3	2&3	2&3	2&3
Degree of Heat Stress										
1=normal 2=mild 3=severe			1	1	1	1	1	1	1	1

CATTLE											
SHEEP		69322	CATTLE		DEATHS		MORTALITY RATE				
No. LOADED											
Full Deck		9687	11226	8717	10680	4373	5456				
Forward								2816	2705	2514	2361
Aft								2748	2659	1733	1647
Daily Mortality											
Full Deck		0	0	0	1	2	0				
Forward								2	1	1	0
Aft								1	2	1	0
Daily Total		11	0	0	0	1	2	0	3	3	2
Cumulative Deaths		1348	85	156	145	266	101	63	135	199	110
Mortality rate (%)		1.945	0.877	1.390	1.663	2.491	2.310	1.155	2.426	3.710	2.590

Cumulative deaths per tier											
Full Deck		85	156	145	266	99	63				
Forward								72	100	55	62
Aft								63	99	55	26
Mortality Rate (tiers)											
Full Deck		0.88	1.39	1.66	2.49	2.26	1.15				
Forward								2.56	3.70	2.19	2.63
Aft								2.29	3.72	3.17	1.58

Cause of Death
 Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast

SHEEP												
Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis, Toxaemia, Liver Abscess				
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases	
s. 22(1)(a)(ii)		0	40	s. 22(1)(a)(ii)	s. 22(1)(a)(ii)				7,	Deck		
		0	63						6,7			
		0	38						9,	10,		
		0	107						9,	9,	18	
		0	241						10,11	8,	15	
		0	130						8,	7,	0	
		4	312						2,3,4,5F2A	6,	8	
		3	140							3F	10	
		1	69						2,3,4A	4A	6	
		0	11						4&5A	Cases - I, E, IIT & Sh & F		
		1	93						4A	Ewes Lambled x6		
		0	10						8,	DEL&E		
		0	7						7,	No. Euthanased x71		
		2	44						7,			
		0	43						8,			
Total	69322	11	1348	1.945	35000					VETERINARIAN		

SHIPBOARD DAILY REPORT											
EXPORTER	EMANUEL		VESSEL	Al Messilah	V150	22-Jul-16	DAY	19			
VET:	s. 22(1)(a)(ii)		STOCKMEN:	s. 22(1)(a)(ii)		LNC	8645				
VESSEL POSITION:				ETA Next Port			Dubai 23/07/16				
LOADING DETAILS			General Comments:								
PORT	SPECIES	NUMBER	Mortality 2.09% reached today. Have reported "notifiable incident" to Agriculture								
Fremantle	sheep	69322	Remaining sheep (12,500) well spread out - left Kuwait 10.00 hrs today								
	cattle		Losses predominately heat related downers								
Item		Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data								F/A	F/A	F/A	F/A
Dry bulb				35	36	39	38	36 36			
Wet bulb				32	32	34	33	30 32			
Humidity				80	75	70	70	63 75			
Outside temps	40 29 41										
Feed Consumption (Average kg / head / day)											
Water Consumption (Average L / day / head)		ad lib									
Respiratory Character											
1=normal 2=panting 3=gasping				1	1	1	1	1			
Faeces 1=normal 2=sloppy 3=runny				1	1	1	1	1			
Deck Conditions 1=ok 2=wet 3=v wet				1	1	1	1	1	1&2		
Degree of Heat Stress 1=normal 2=mild 3=severe				1	1	1	1	1			
CATTLE											
SHEEP	69322	CATTLE		DEATHS		MORTALITY RATE					
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	0	0	3	4	6	2					
Forward							4	23	13	6	
Aft							7	27	5	2	
Daily Total	102	0	0	3	4	6	2	11	50	18	8
Cumulative Deaths	1450	85	156	148	270	107	65	146	249	128	96
Mortality rate (%)	2.092	0.877	1.390	1.698	2.528	2.447	1.191	2.624	4.642	3.014	2.395
Cumulative deaths per tier											
Full Deck	85	156	148	270	107	65					
Forward							76	123	68	68	
Aft							70	126	60	28	
Mortality Rate (tiers)											
Full Deck	0.88	1.39	1.70	2.53	2.45	1.19					
Forward							2.70	4.55	2.70	2.88	
Aft							2.55	4.74	3.46	1.70	
Cause of Death											
Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast											
Smothered, Bite, Urethritis, Toxaemia, Liver Abscess											
SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :						
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases
s. 22(1)(a)(ii)		2	42	s. 22(1)(a)(ii)					7,	Deck	
		2	65						6,7		
		3	41						9,	10,	
		0	107						9,	9,	
		0	241						10,11	8,	
		0	130						8,	7,	
		48	360						2,3,4,5F2A	6,	
										3F	
										4A	
		31	171						2,3,4A	Cases - I, E, IIT & Sh & F	
		6	75						4&5A	Ewes Lamberd	
		2	13						4A		
		2	95						8,		
		0	10						7,	No. Euthanased	x154
		0	7						7,		
		4	48						7,		
		2	45						8,		
Total	69322	102	1450	2.092	35000	20527			VETERINARIAN		

SHIPBOARD DAILY REPORT												
EXPORTER	EMANUEL		VESSEL	Al Messilah	V150	23-Jul-16	DAY	20				
VET:	s. 22(1)(a)(ii)		STOCKMEN:	s. 22(1)(a)(ii)		LNC	8645					
VESSEL POSITION: 25 31N 54 03E			ETA Next Port				Dubai 23/07/16					
LOADING DETAILS			General Comments:									
PORT	SPECIES	NUMBER	90 MWLs & XBLs euthanised in 2 hospitals set up yesterday on deck 6 for heat stroke cases with inanition, weakness and downers from the FWD and AFT lower decks									
Fremantle	sheep	69322	Other losses heat related									
Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2		
Temperature/humidity data							F/A	F/A	F/A	F/A		
Dry bulb			35	35	35	35	35					
Wet bulb			32	32	32	32	32					
Humidity			80	80	80	80	80					
Outside temps	36 32 75											
Feed Consumption (Average kg / head / day)												
Water Consumption (Average L / day / head)	ad lib											
Respiratory Character	1=normal 2=panting 3=gasping		1&2	1&2	1&2	1&2	1&2					
Faeces	1=normal 2=sloppy 3=runny		1	1	1	1	1					
Deck Conditions	1=ok 2=wet 3=v wet		1	1	1	1	1					
Degree of Heat Stress	1=normal 2=mild 3=severe		1&2	1&2	1&2	1&2	1&2					
CATTLE												
SHEEP	69322		CATTLE	DEATHS	MORTALITY RATE							
No. LOADED												
Full Deck	9687	11226	8717	10680	4373	5456						
Forward							2816	2705	2514	2361		
Aft							2748	2659	1733	1647		
Daily Mortality												
Full Deck	0	0	6	16	17	98						
Forward												
Aft										4		
Daily Total	141	0	0	6	16	17	98	4				
Cumulative Deaths	1591	85	156	154	286	124	163	150	249	128	96	
Mortality rate (%)	2.295	0.877	1.390	1.767	2.678	2.836	2.988	2.696	4.642	3.014	2.395	
Cumulative deaths per tier												
Full Deck	85	156	154	286	124	163						
Forward							76	123	68	68		
Aft							74	126	60	28		
Mortality Rate (tiers)												
Full Deck	0.88	1.39	1.77	2.68	2.84	2.99						
Forward							2.70	4.55	2.70	2.88		
Aft							2.69	4.74	3.46	1.70		
Cause of Death												
Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast												
SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis, Toxaemia, Liver Abscess			
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals Number of cases		
s. 22(1)(a)(ii)		2	44	s. 22(1)(a)(ii)					7,	Deck		
		8	73						6,7			
		4	45						9,	10,		
		0	107						9,	9,		
		0	241						10,11	8,		
		0	130						8,	7,		
		56	416						2,3,4,5F2A	6,		
										3F		
										4A		
										Cases - I, E, IIIT & Sh & F		
		42	213						2,3,4A			
		0	75						4&5A	Ewes Lamberd x8		
		4	17						4A	5 went off at kuwait		
		0	95						8,	3 for dubai		
		0	10						7,	No. Euthanased x244		
		1	8						7,			
		14	62						7,			
		10	55						8,			
Total	69322	141	1591	2.295	35000	20527			VETERINARIAN			

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 24-Jul-16 DAY **21**
 VET: s. 22(1)(a)(ii) STOCKMEN: s. 22(1)(a)(ii) LNC 8645

VESSEL POSITION: **Dubai** ETA Next Port **Muscat 25/07/16**

LOADING DETAILS			General Comments: v hot and dry - dry overnight. Animals okay
PORT	SPECIES	NUMBER	completed dubai discharge 09.30 this morning
Fremantle	sheep	69322	34 heat affected animals euthanised - unfit to discharge
	cattle		approx 5000 head remain onboard for Muscat

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb			39	38	39	38	35			
Wet bulb			30	30	29	29	32			
Humidity			50	54	45	49	80			

Outside temps **46 30 28**

Feed Consumption (Average kg / head / day) ad lib

Water Consumption (Average L / day / head) ad lib

Respiratory Character			1to2	1to2	1to2	1to2	1to2			
1=normal 2=panting 3=gasping										
Faeces			1	1	1	1	1			
1=normal 2=sloppy 3=runny										
Deck Conditions			1	1	1	1	1			
1=ok 2=wet 3=v wet										
Degree of Heat Stress			1to2	1to2	1to2	1to2	1to2			
1=normal 2=mild 3=severe										

CATTLE											
SHEEP	69322	CATTLE		DEATHS		MORTALITY RATE					
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	0	0	4	4	21	21					
Forward							10	9			
Aft							14	7			
Daily Total	90	0	0	4	4	21	21	24	16		
Cumulative Deaths	1681	85	156	158	290	145	184	174	265	128	96
Mortality rate (%)	2.425	0.877	1.390	1.813	2.715	3.316	3.372	3.127	4.940	3.014	2.395

Cumulative deaths per tier											
Full Deck	85	156	158	290	145	184					
Forward							86	132	68	68	
Aft							84	133	60	28	
Mortality Rate (tiers)											
Full Deck	0.88	1.39	1.81	2.72	3.32	3.37					
Forward							3.05	4.88	2.70	2.88	
Aft							3.06	5.00	3.46	1.70	

Cause of Death
 Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis, Toxaemia, Liver Abscess			
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases	
s. 22(1)(a)(ii)		3	47	s. 22(1)(a)(ii)					7,	Deck		
		21	94						6,7			
		4	49						9,	10,		
		0	107						9,	9,		
		0	241						10,11	8,		
		0	130						8,	7,		
		19	435						2,3,4,5F2A	6,		
		7	220							3F		
		0	75						2,3,4A	4A		
		14	31						4&5A	Ewes Lambed	x8	
		0	95						4A			
		11	21						8,	No. Euthanased	x278	
		0	8						7,			
		7	69						7,			
		4	59						8,			
Total	69322	90	1681	2.425	35000	20527						

VETERINARIAN

SHIPBOARD DAILY REPORT

EXPORTER **EMANUEL** VESSEL **Al Messilah V150** 25-Jul-16 DAY **22**
 VET: **s. 22(1)(a)(ii)** STOCKMEN: **s. 22(1)(a)(ii)** LNC **8645**

VESSEL POSITION: **25 42N 57 06E** ETA Next Port **Muscat 25/07/16**

LOADING DETAILS			General Comments:
PORT	SPECIES	NUMBER	milder and reasonably dry today
Fremantle	sheep	69322	32 more heat affected lambs were euthanised from the hospital pens on deck 6
	cattle		but originally from the lower decks - which 32 have been

Item	Deck11	Deck10	Deck9	Deck8	Deck7	Deck6	Deck5	Deck4	Deck3	Deck2
Temperature/humidity data							F/A	F/A	F/A	F/A
Dry bulb			33	33	33	33	35			
Wet bulb			29	29	29	29	30			
Humidity			73	73	73	73	68			

Outside temps **32 27 67**

Feed Consumption (Average kg / head / day) ad lib

Water Consumption (Average L / day / head) ad lib

Respiratory Character										
1=normal 2=panting 3=gasping			1to2	1to2	1to2	1to2	1to2			
Faeces										
1=normal 2=sloppy 3=runny			1	1	1	1	1			
Deck Conditions										
1=ok 2=wet 3=v wet			1	1	1	1	1			
Degree of Heat Stress										
1=normal 2=mild 3=severe			1to2	1to2	1to2	1to2	1to2			

CATTLE											
SHEEP	69322	CATTLE		DEATHS		MORTALITY RATE					
No. LOADED											
Full Deck	9687	11226	8717	10680	4373	5456					
Forward							2816	2705	2514	2361	
Aft							2748	2659	1733	1647	
Daily Mortality											
Full Deck	0	0	10	2	0	5					
Forward							26	6			
Aft							0	0			
Daily Total	49	0	0	10	2	0	5	26	6		
Cumulative Deaths	1730	85	156	168	292	145	189	200	271	128	96
Mortality rate (%)	2.496	0.877	1.390	1.927	2.734	3.316	3.464	3.595	5.052	3.014	2.395

Cumulative deaths per tier											
Full Deck	85	156	168	292	145	189					
Forward							112	138	68	68	
Aft							84	133	60	28	
Mortality Rate (tiers)											
Full Deck	0.88	1.39	1.93	2.73	3.32	3.46					
Forward							3.98	5.10	2.70	2.88	
Aft							3.06	5.00	3.46	1.70	

Cause of Death
 Enteritis, Pneumonia, Injury, Septicaemia, Inanition, Downer, Shearing sequel, Flystrike, Heat related, Autolysed, No Visible Lesions, PEM, Cast

SHEEP	Number	Today's	Total	Mortality	Numbers discharged at :				Smothered, Bite, Urethritis, Toxaemia, Liver Abscess			
CLASS	LOADED	DEATHS	DEATHS	RATE	Doha	Kuwait	Dubai	Muscat	DECK	Hospitals	Number of cases	
s. 22(1)(a)(ii)		0	47	s. 22(1)(a)(ii)					7,	Deck		
		5	99						6,7			
		10	59						9,	10,		
		0	107						9,	9,		
		0	241						10,11	8,		
		0	130						8,	7,		
		32	467						2,3,4,5F2A	6,		
		0	220							3F		
		0	75						2,3,4A	4A		
		0	31						4&5A	Ewes Lambered	x8	
		0	95						4A			
		0	21						8,	No. Euthanased	x310	
		0	8						7,			
		0	69						7,			
		2	61						8,			
Total	69322	49	1730	2.496	35000	20527				VETERINARIAN		



Australian Government
Australian Maritime Safety Authority

MASTER'S REPORT CARRIAGE OF LIVESTOCK

Provision 19 of Marine Orders, Part 43

This Master's Report is to be sent to:

(a) The Secretary
 Department of Agriculture, Fisheries and Forestry,
 GPO Box 858 CANBERRA ACT 2601.
 Fax: (02) 6272 5423

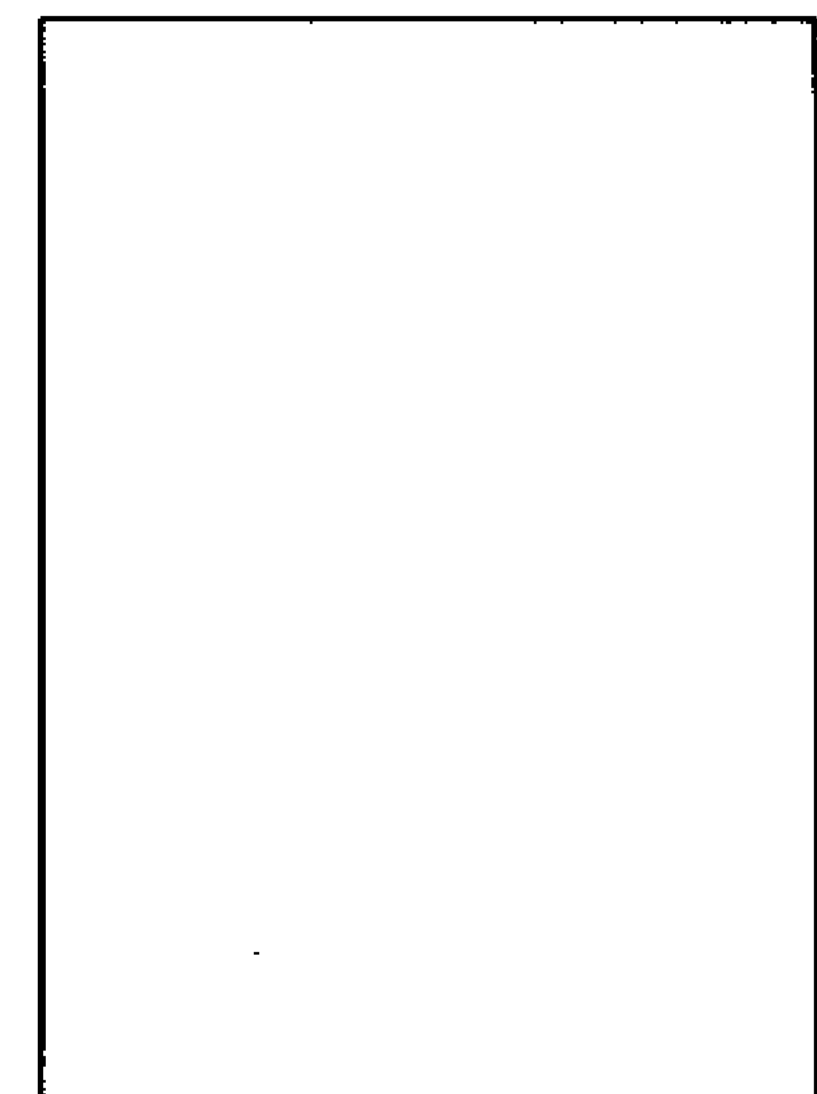
AND (b) The Manager, Ship Inspections,
 Australian Maritime Safety Authority
 GPO Box 2181 CANBERRA ACT 2601.
 Fax (02) 6279 5058
 Email: livestock@amsa.gov.au

SHIP DETAILS

Name of ship AL-MESSILAH	Name and address of livestock exporter Emanuel Exports Pty Ltd. (LNC - 8645) 4 th Floor, 72 Kings Park Road, West Perth, W.A 6005.
Voyage number 150	
Duration of voyage (days) 25	

LOADING DETAILS

Port	Type	Number loaded	Date completed
Fremantle	Sheep	69322	3-Jul-16
	Cattle	0	
	Other (specify) N.A	0	
N.A	Sheep	0	
	Cattle	0	
	Other (specify) N.A	0	
N.A	Sheep	0	
	Cattle	0	
	Other (specify) N.A	0	



DISCHARGE DETAILS

Port	Type	Number discharged	Date completed	Mortality (number)	Mortality %
Hamad	Sheep	35000	19-Jul-16	479	1.37%
	Cattle	0			
	Other (specify) N.A	0			
Port Shuwaikh	Sheep	20527	22-Jul-16	912	4.44%
	Cattle				
	Other (specify) N.A	0			
Jebel Ali Muscat	Sheep	5799	24-Jul-16	206	3.55%
	Cattle SHEEP	4969	26-Jul-16	144	2.90%
	Other (specify) N.A	0			

MASTER

Name s. 22(1)(a)(ii)	Signature s. 22(1)(a)(ii)	Date 26-July-2016
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* Not required if Report lodged electronically

1) TOTAL RECORDED MORTALITY = 1741 kls = 2.51 %
 2) NEGATIVE DISPUTE = 1286 kls
 - 3022 kls = 4.36 %

END OF VOYAGE REPORT AL MESSILAH V150

Name of exporter: EMANUEL EXPORTS P/L

LNC No: 8645

3. Ports, loading and discharge dates and voyage duration information

Port	Fremantle	Doha	Kuwait	Dubai	Muscat
Date of Loading	2-3/07/16				
Date of Discharge		17-19/07/16	20-22/07/16	23-24/07/16	25-26/07/16
Voyage Days		14-16	17-19	20-21	22-23

4. Numbers of sheep loaded, discharged, deaths and mortality rates during the voyage

Sheep Class	Number Loaded	Deck Location	Number Deaths	Mortality Rate %	Number Discharged At Each Port				Totals discharged	Diff
					Doha	Kuwait	Dubai	Muscat		
Total	69322		1741	2.51	35000	20527	5799	4969	66295	-1286
s. 22(1)(a)(ii)	7,		47	s. 22(1)(a)(ii)						
	6,7		99							
	9,		59							
	9,		107							
	10,11		241							
	8,		130							
	2,3,4,5F2A		467							
	2,3,4A		220							
	4,5A		75							
	4,5A		31							
	8,		95							
	7,		21							
	7,		8							
	7,		69							
8,		61								

Deck mortality data

Deck Number	11	10	9	8	7	6	5	4	3	2
Loaded Forward Aft	9687	11226	8717	10680	4373	5456	2816 2748	2705 2659	2514 1733	2361 1647
No Deaths Forward Aft	85	156	170	292	145	190	112 92	138 133	68 60	68 28
Mortality Rate Forward Aft	0.88	1.39	1.95	2.72	3.32	3.48 (1.81)	3.98 3.34	5.10 5.00	2.70 3.46	2.88 1.70

Note - deck 6 mortality data includes the losses in 2 hospital pens that were set up on the 22nd July (after leaving Kuwait) for heat affected animals intended for unloading there but had to be left behind because they were unfit to go. Altogether about 92 MWLs from decks 2,3,4 & 5F and 53 XBLs from decks 2,3 & 4A were removed to these hospitals, where subsequently (on the 22nd & 23rd July) 90 of them having not improved and being unfit for discharge at Dubai were euthanised. According deck 6 mortality should actually be calculated with 90 less deaths (& 1.81%) - which in turn should be added to the lower deck totals.

Reportable Matters

5. Water & Feed Access & Maintenance

Twice daily feeding of pellets was provided with an average per head feed intake > ASEL requirements. Chaff was also included in the ration of some lines of sheep to promote appetite and rumen function and feed intake - including the QW's, QML's, RL's , BR's and AAW's. More on this later in the Health note.

Feed access

Feed is delivered through an automated system that is turned on twice daily (2x2 hour runs). Providing a more or less Ad Lib supply, with feed available 20-24 hours a day depending on sheep lines e.g. lambs eat everything offered (20hours) and older sheep tubs usually have pellets there all the time. To fully feed a deck of sheep the system will always deliver more than ASEL requirements and accordingly animals always thrive and put on weight - as they did on this trip.

Water

An ad lib supply of water was provided.

Maintenance

There weren't any maintenance circumstances that affected the welfare of the animals

6. Environment (animal house)

Weather

Note that the vessel is a converted car carrier so there are no open decks - thus no exposure to wind, rain, sun, waves and sea spray etc
Winter temperate climate in southern Indian Ocean and generally hot and humid thereafter, at the ports it was generally tending dry during the day and v humid at night at Doha, hot and dry as usual at Kuwait, as was Dubai this time, and Muscat was surprisingly cool and dry.

Ventilation and Temperature

The ventilation system was satisfactory. And operated effectively throughout the voyage

Animal house temperatures during the voyage at 11am ranged from:

Dry bulb 18C - 39C and wet bulb 15C - 36C. Humidity readings ranged from 40% to 86% - varying between and across decks.
Night time humidity was generally higher as dry bulb temperatures dropped closer to the wet bulb readings - which tend to stay the same throughout the day & night.

Humidity

See Daily Reports for 11am readings.

Heat Stress levels (1-3) reported daily - normal, mild, severe.

Conditions onboard were generally okay to hot and humid (1&2), with heat stress levels rising to high 2 scores at night from day 4 (7th July) onwards until the Arabian Gulf (day 13, 16th July). Thereafter an high humidity (3 score) environment persisted at night. - with milder levels (score 2) giving some relief to the animals during the day - which was the pattern for the period spent at Doha (days 14-16, 17th to the 19th July), where day time dry bulb temperatures soared - lowering relative humidity.
Kuwait was as expected hot and dry, providing an okay atmosphere (score 1) for the animals to camp and rest (with normal respiration rates most of the time).
However once back on track transiting to Dubai it was back to the 2 to 3 levels again - but with loads of space (and dry <okay> decks) the sheep were able to cope much better with it - although more losses, due to heat related sequelae (downers) from the earlier episode continued - many being euthanised.
The weather at Dubai was quite okay - dry and hot with on deck temperatures (e.g. deck 8 at 00.30 and 05.00 hrs on the 24th July of dry 34C and 28C wet). After there the run to Muscat turned out okay for a change - being quite cool and surprisingly rather dry - and remained that way at Muscat for discharge.

Deck Conditions

Reporting as 1=okay, 2=wet, 3=v wet

The daily report describes the changes throughout the voyage.

Deck conditions were okay (score 1) early on but became boggy (2 score) from day 6 onwards, on some deck areas, and remained that way until day 13 (the 16th July - just before Doha), after then some decks became v wet (score 3) - brought on by the high humidity, causing increased water intake, urine output and moisture loss from respiration of animals as they worked to thermo-regulate. That was the situation until Kuwait, where the dry conditions and spreading of sheep (starting as animals discharged at Doha) facilitated their drying out. After then as unloading proceeded and more space became available the sheep were moved out of any boggy areas and into okay (score 1) places.

7. Health & Welfare

The consignment of animals suffered a major health and welfare incident due to heat stroke (Notifiable Incident reported on the 22nd July 2016).

The Mortality Rate for the voyage was 2.51% although there was a discrepancy of 1286 head (that included a 257 loading dispute) - or 1029 less sheep discharged than loaded

Mortality reporting - Following the Dubai discharge it became clear that there was going to be a shortfall in sheep numbers on board, and that there was a reasonable likelihood that from the 17th July onwards the daily mortality numbers reported were understated.

The reason for any inaccuracy in counting of the daily death toll is that there was such a short time to collect and dispose of the bodies on the 17th before reaching Doha port, after which it was not possible to dispose of any, of the ever increasing number of dying animals & bodies, for the next 3 days, while there. A v difficult situation to organise the collection of bodies on a fully loaded ship where the usual collection places would mean blocking discharge routes, or on the lower decks where animals had been released into the alley ways etc, limiting access and ways to gather the bodies. Marking bodies was ineffective as they were decomposing rapidly in the heat making marks difficult to distinguish and keep track of.

The mortality rate, exceeding 2% on the 22nd July (day 19), was a consequence of extreme humidity over several days, while transiting the lower Arabian Gulf to Qatar and during discharge there (17th- 19th July), with the number of deaths on each day of 222, 245 and 387 respectively. And subsequently significant additional deaths of animals, affected by the heat episode (with signs of weakness, inappetence, stiff poppy gait and unable to walk more than a few steps and downers) and some pneumonia cases, dying or being euthanised (310 head) from then on.

The decks with >2% mortality included all the lower decks 2,3,4,5 Fwd & Aft and decks 7 and 8 (See the above note about deck 6 where actual mortality rate was 1.81%). The classes of animals on these decks were, MWL's on all Fwd decks and XBL's, DRL's accounting for most of the deaths in the Aft areas. Decks 7 and 8 housed the rams (e.g BR's 9.09%) & AAW's (although <2%) and on deck 8 the QML's (1.85%), RL's (>2%) and EWE's (>2%).

Notably there was a high mortality rate in the Van Ruiwi sheep in the BR's & DRL's mobs throughout the voyage from septicaemia, enteritis & pneumonia (presumably triggered by heat stress /shipping factors or perhaps a farm of origin consequence) - nevertheless they did not travel well.

Stocking density & Management - Preparations & Corrective activities

More than ASEL requirement of space for each class of sheep was provided - with 2,572 m2 excess available.

Following the usual practice at this time of year, for transiting through the Gulf, just beforehand (afternoon 16th July) the gates of some rows of pens on decks 2,3,4 & 5F and 3 & 4A were opened to spread sheep out by allowing them access to the alleyways and ramps between decks, and on deck 8 the alleyways between the fwd and mid sections of pens were opened, as well as the open area at the aft part of that deck.

Another standard practice in the ME summer months on this ship is to spread animals as soon as possible into space vacated as unloading proceeds. This corrective activity was rigidly followed - albeit not fast enough at Qatar, because of the slow discharge as a consequence of a limited number of trucks and the prolonged turn around time of them.

For example de-stocking of the Fwd lower decks occupied by the MWL's included moving approximately 500 head from decks 2 & 3F on the 5th July to deck 2A, around 400 head from deck 4F just before entering the Gulf to deck 6 (some AW's were moved from decks 6 to 7 to make room), and then 1500 head of sheep, that were loose in the alley ways plus some from each of the Fwd lower decks (where the lambs were located) to deck 8 which had been vacated by the QML's on the 19th July at Qatar.

Hospitals & treatments

Hospitals were used throughout the voyage on decks, 11,10,9,8,6, and 3F and 4A to service the FWD and AFT lower decks.

Altogether about 60 animals were hospitalised - the main reasons included ill thrift or shy feeders (MWL & QML's), and some QW's, BW's, AW's & RL's with odd shaped horns for some reason restricting their access to the feed and water tubs, which are located between rails (they wouldn't put their heads through properly). And some enteritis and injury cases.

Treatment included the provision of feed and water tubs inside the hospital pens, inclusion of chaff and supplementation with STOCKMIN in the water. Antibiotics were administered to the enteritis and injury cases. All of the ill thrift, shy feeders and the W's that couldn't or wouldn't feed through the rails of pens did well. As did some of the other cases.

During discharge in Kuwait 2 pens were set aside on deck 6, for the collection of heat affected (weak, poppy gaited etc animals) MWL's from the lower Fwd decks and for the XBL's from the lower Aft decks. Many of these were subsequently euthanised for humane reasons and others because they were not fit enough to unload.

Programmed treatment of sheep cohorts

Early losses from day 1 were mainly due to Septicaemia, enteritis and pneumonia, specifically in the QW, BW, QML & DRL cohorts. These groups were fed chaff (in addition to their pellet regime) for 3 days and had STOCKMIN (a vitamin mineral supplement) added to their water supply.

Later on a similar programme was administered to the RL's, the BR's and the AAW's.

This treatment was aimed at controlling enteritis and ill thrift by improving appetite and rumen function and consequently feed intake. With the vitamin/mineral supplement also acting as a restorative.

The incidence of pink eye was unusually low with few animals requiring treatment - it was only necessary to batch treat (with ORBENIN eye ointment) cases amongst the AAW's and AW's. All recovered. There were no blind sheep at discharge.

Scabby Mouth

312 cases of scabby mouth were found and isolated from the various lines of sheep classes. They were discharged at Kuwait.

Lambing

9 ewes lambled (6x DEL's & 3x Ewes) - ewes & lambs were discharged at Kuwait or Muscat according to their respective line (class). And 2 DEL's were known to have aborted.

8. Crew Relations

Cordial

9. Discharge

The discharge at Doha was slow - there were only 7 trucks (6 on the first night as one broke down) and because of the distance from the new port to the holding premise causing a slow turnaround time. Furthermore the highway being used was closed each morning from 03.00 hrs due to fog (presumably induced by high humidity) until around 07.30 hrs, resulting in more delay.

Needless to say it was unfortunate to be at Qatar at this time of extreme weather, and to then spend such an amount of time there, which created a situation that had a very serious effect on the welfare of the animals.

Discharges at the other ports was uneventful.

Vet: **s. 22(1)(a)(ii)** Stockman: **s. 22(1)(a)(ii)**