

STONEY BAY BLOCK

Post-operation July 2013 SMI Report

1. **Operation name:** Moehau
2. **Size of Operation:** 4485 hectares
3. **Date of Rat indexing:** 8 July 2013
4. **Post - SMI monitoring result:** 1.3%
5. **Pre -SMI monitoring result:** 64%
6. **Date of Control Operation:** 6 June 2013
7. **Control Operation:** Aerial 1080
8. **Monitoring staff used:**

9. **Weather During Monitor:** Fine
10. **Tunnel type:** Black Trakka
11. **Number of lines and tunnels per Line:** 15 lines, 10 tunnels
10. **Number of Nights:** 1

Result



Wanganui Airworks in action.



Operation Overview

Conservation outcome

The health and integrity of Moehau forest and fauna are protected, enhanced and maintained for future generations.

Scope

The Moehau Aerial 1080 project includes Aerial control of the Rat block in Stony bay.

- SMI results are attached.
- RTC results are on DM1258674

Outcome target

To reduce foliar browse to less than 0.5 by 2013/2014.

Improve average foliar cover to 50% for monitored Kohekohe trees by 2013/2014.

Increase North Island Robin breeding pairs in the Stony bay Rat block.

Result target

SMI < 5% Rat monitoring lines in the stony bay rat block will be used to indicate pre and post rat densities across the mountain. The rat block has 15 monitor lines covering 1600 hectares.

RTC < 3% across the control area. 19 monitor lines will be pre and post monitored across the 4500 hec.

Control Design

Aerial control will be applied to 4485 hec for Possums and Rats (includes 1600 hec Rat block at Stony bay).

1080 toxic baits were applied on the 6th June 2013 due to less food being available for the targeted pests..

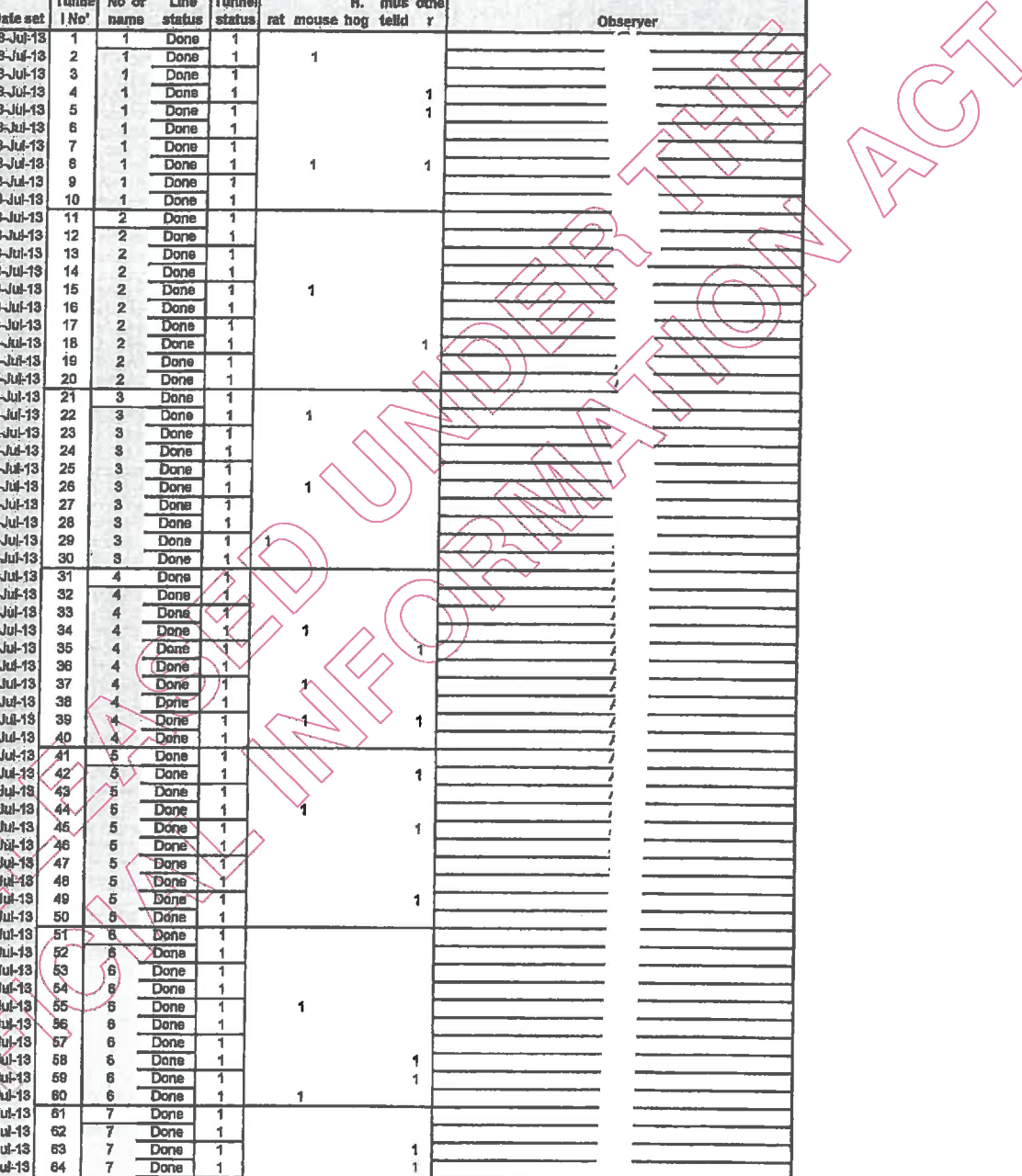
Story Bay	Fine	08-Jul-13	71	8	Done	1			
Story Bay	Fine	08-Jul-13	72	8	Done	1			
Story Bay	Fine	08-Jul-13	73	8	Done	1			
Story Bay	Fine	08-Jul-13	74	8	Done	1			
Story Bay	Fine	08-Jul-13	75	8	Done	1	1		
Story Bay	Fine	08-Jul-13	76	8	Done	1			
Story Bay	Fine	08-Jul-13	77	8	Done	1		1	
Story Bay	Fine	08-Jul-13	78	8	Done	1			
Story Bay	Fine	08-Jul-13	79	8	Done	1			
Story Bay	Fine	08-Jul-13	80	8	Done	1			
Story Bay	Fine	08-Jul-13	81	9	Done	1			
Story Bay	Fine	08-Jul-13	82	9	Done	1			
Story Bay	Fine	08-Jul-13	83	9	Done	1			
Story Bay	Fine	08-Jul-13	84	9	Done	1			
Story Bay	Fine	08-Jul-13	85	9	Done	1	1	1	
Story Bay	Fine	08-Jul-13	86	9	Done	1			
Story Bay	Fine	08-Jul-13	87	9	Done	1			
Story Bay	Fine	08-Jul-13	88	9	Done	1			
Story Bay	Fine	08-Jul-13	89	9	Done	1			
Story Bay	Fine	08-Jul-13	90	9	Done	1			
Poley Bay	Fine	15-Jul-13	91	10	Done	1			
Poley Bay	Fine	15-Jul-13	92	10	Done	1			
Poley Bay	Fine	15-Jul-13	93	10	Done	1			
Poley Bay	Fine	15-Jul-13	94	10	Done	1			
Poley Bay	Fine	15-Jul-13	95	10	Done	1		1	
Poley Bay	Fine	15-Jul-13	96	10	Done	1	1		
Poley Bay	Fine	15-Jul-13	97	10	Done	1			
Poley Bay	Fine	15-Jul-13	98	10	Done	1	1	1	
Poley Bay	Fine	15-Jul-13	99	10	Done	1			
Poley Bay	Fine	15-Jul-13	100	10	Done	1	1		
Shag Bay	Fine	15-Jul-13	101	11	Done	1			
Shag Bay	Fine	15-Jul-13	102	11	Done	1			
Shag Bay	Fine	15-Jul-13	103	11	Done	1			
Shag Bay	Fine	15-Jul-13	104	11	Done	1			
Shag Bay	Fine	15-Jul-13	105	11	Done	1			
Shag Bay	Fine	15-Jul-13	106	11	Done	1	1		
Shag Bay	Fine	15-Jul-13	107	11	Done	1			
Shag Bay	Fine	15-Jul-13	108	11	Done	1	1		
Shag Bay	Fine	15-Jul-13	109	11	Done	1			
Shag Bay	Fine	15-Jul-13	110	11	Done	1			
Shag Bay	Fine	15-Jul-13	111	12	Done	1			
Shag Bay	Fine	15-Jul-13	112	12	Done	1			
Shag Bay	Fine	15-Jul-13	113	12	Done	1			
Shag Bay	Fine	15-Jul-13	114	12	Done	1			
Shag Bay	Fine	15-Jul-13	115	12	Done	1			
Shag Bay	Fine	15-Jul-13	116	12	Done	1			
Shag Bay	Fine	15-Jul-13	117	12	Done	1	1	1	
Shag Bay	Fine	15-Jul-13	118	12	Done	1			
Shag Bay	Fine	15-Jul-13	119	12	Done	1			
Shag Bay	Fine	15-Jul-13	120	12	Done	1			
Doctors	Fine	15-Jul-13	121	10	Done	1			
Doctors	Fine	15-Jul-13	122	10	Done	1			
Doctors	Fine	15-Jul-13	123	10	Done	1			
Doctors	Fine	15-Jul-13	124	10	Done	1			
Doctors	Fine	15-Jul-13	125	10	Done	1		1	
Doctors	Fine	15-Jul-13	126	10	Done	1	1		
Doctors	Fine	15-Jul-13	127	10	Done	1			
Doctors	Fine	15-Jul-13	128	10	Done	1	1	1	
Doctors	Fine	15-Jul-13	129	10	Done	1			
Doctors	Fine	15-Jul-13	130	10	Done	1	1		
Doctors	Fine	15-Jul-13	131	11	Done	1			
Doctors	Fine	15-Jul-13	132	11	Done	1			
Doctors	Fine	15-Jul-13	133	11	Done	1			
Doctors	Fine	15-Jul-13	134	11	Done	1		1	
Doctors	Fine	15-Jul-13	135	11	Done	1			
Doctors	Fine	15-Jul-13	136	11	Done	1	1		
Doctors	Fine	15-Jul-13	137	11	Done	1			
Doctors	Fine	15-Jul-13	138	11	Done	1	1		
Doctors	Fine	15-Jul-13	139	11	Done	1			
Doctors	Fine	15-Jul-13	140	11	Done	1			
Doctors	Fine	15-Jul-13	141	12	Done	1			
Doctors	Fine	15-Jul-13	142	12	Done	1			
Doctors	Fine	15-Jul-13	143	12	Done	1			
Doctors	Fine	15-Jul-13	144	12	Done	1			
Doctors	Fine	15-Jul-13	145	12	Done	1		1	
Doctors	Fine	15-Jul-13	146	12	Done	1			
Doctors	Fine	15-Jul-13	147	12	Done	1	1	1	
Doctors	Fine	15-Jul-13	148	12	Done	1	1		
Doctors	Fine	15-Jul-13	149	12	Done	1			
Doctors	Fine	15-Jul-13	150	12	Done	1			

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Rodent tracking tunnel data recording sheet
 Locality: **Stony Bay**
 Date tunnels set: **8/072013-15/07/2013**
 Overnight weather conditions: **Fine**
 Number of lines: **16**
 Mean rat tracking rate: **1%**
 Mean mouse tracking rate: **18%**

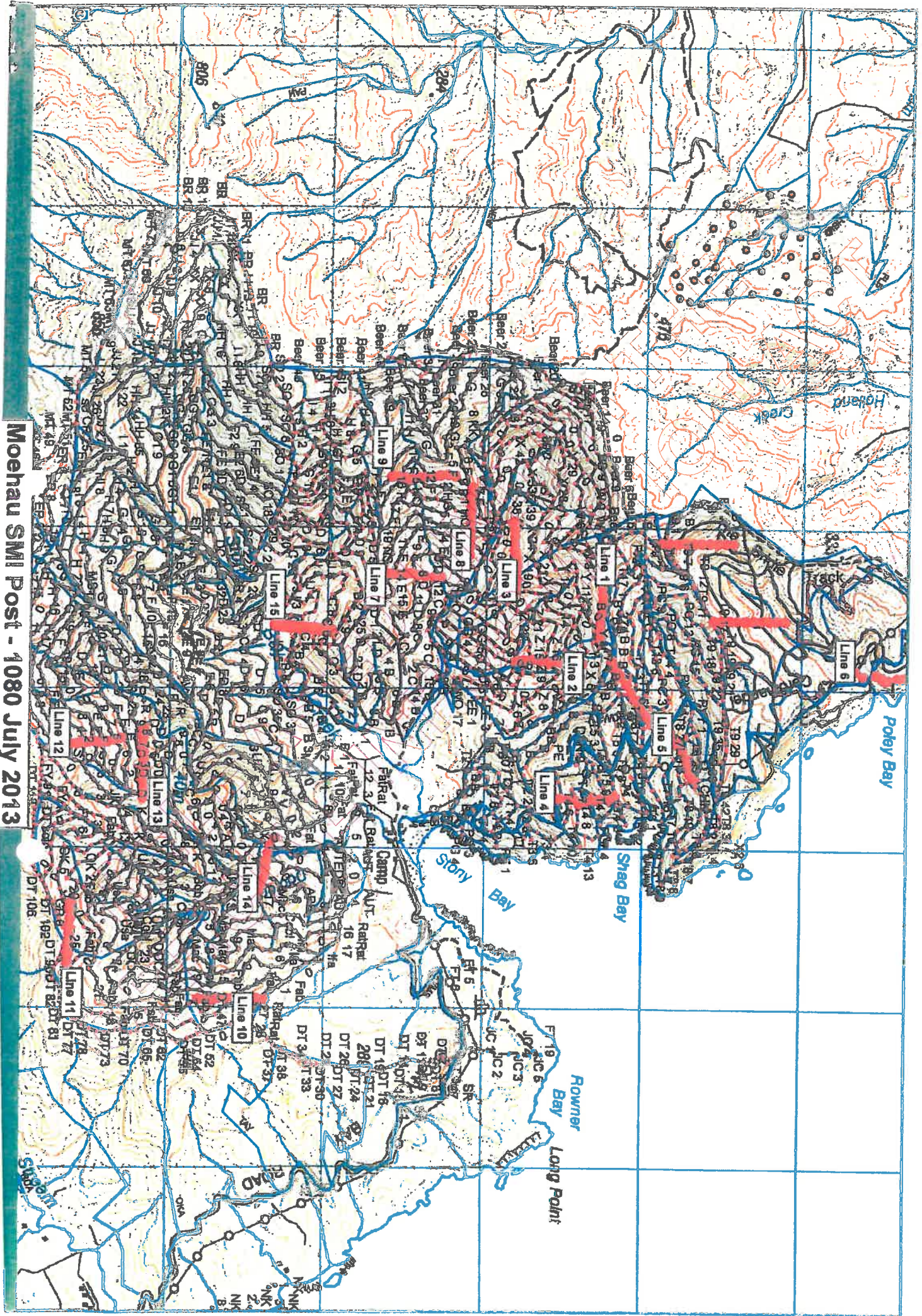
Notes
 Only enter information or data into unshaded cells.
 Data from a line will not be included in the overall tracking rate until
 Line status is set to "Done"
 If a tunnel is badly disturbed i.e. both papers, pulled out,
 change Tunnel status to "0.5"
 If an individual tunnel was not set, or missing from a line that was done,
 change Tunnel status to "0"
 Tunnel No' can be text and/or a number.

Locality	Overnight weather conditions	Date set	Tunnel No'	Line No' or name	Line status	Tunnel status	rat	mouse	H. mus	othe	hog	teld	r	Observer
Stony Bay	Fine	08-Jul-13	1	1	Done	1								
Stony Bay	Fine	08-Jul-13	2	1	Done	1	1							
Stony Bay	Fine	08-Jul-13	3	1	Done	1								
Stony Bay	Fine	08-Jul-13	4	1	Done	1								
Stony Bay	Fine	08-Jul-13	5	1	Done	1								
Stony Bay	Fine	08-Jul-13	6	1	Done	1								
Stony Bay	Fine	08-Jul-13	7	1	Done	1								
Stony Bay	Fine	08-Jul-13	8	1	Done	1	1							
Stony Bay	Fine	08-Jul-13	9	1	Done	1								
Stony Bay	Fine	08-Jul-13	10	1	Done	1								
Stony Bay	Fine	08-Jul-13	11	2	Done	1								
Stony Bay	Fine	08-Jul-13	12	2	Done	1								
Stony Bay	Fine	08-Jul-13	13	2	Done	1								
Stony Bay	Fine	08-Jul-13	14	2	Done	1								
Stony Bay	Fine	08-Jul-13	15	2	Done	1	1							
Stony Bay	Fine	08-Jul-13	16	2	Done	1								
Stony Bay	Fine	08-Jul-13	17	2	Done	1								
Stony Bay	Fine	08-Jul-13	18	2	Done	1								
Stony Bay	Fine	08-Jul-13	19	2	Done	1								
Stony Bay	Fine	08-Jul-13	20	2	Done	1								
Stony Bay	Fine	08-Jul-13	21	3	Done	1								
Stony Bay	Fine	08-Jul-13	22	3	Done	1	1							
Stony Bay	Fine	08-Jul-13	23	3	Done	1								
Stony Bay	Fine	08-Jul-13	24	3	Done	1								
Stony Bay	Fine	08-Jul-13	25	3	Done	1								
Stony Bay	Fine	08-Jul-13	26	3	Done	1	1							
Stony Bay	Fine	08-Jul-13	27	3	Done	1								
Stony Bay	Fine	08-Jul-13	28	3	Done	1								
Stony Bay	Fine	08-Jul-13	29	3	Done	1	1							
Stony Bay	Fine	08-Jul-13	30	3	Done	1								
Stony Bay	Fine	08-Jul-13	31	4	Done	1								
Stony Bay	Fine	08-Jul-13	32	4	Done	1								
Stony Bay	Fine	08-Jul-13	33	4	Done	1								
Stony Bay	Fine	08-Jul-13	34	4	Done	1	1							
Stony Bay	Fine	08-Jul-13	35	4	Done	1								
Stony Bay	Fine	08-Jul-13	36	4	Done	1								
Stony Bay	Fine	08-Jul-13	37	4	Done	1	1							
Stony Bay	Fine	08-Jul-13	38	4	Done	1								
Stony Bay	Fine	08-Jul-13	39	4	Done	1	1							
Stony Bay	Fine	08-Jul-13	40	4	Done	1								
Stony Bay	Fine	08-Jul-13	41	5	Done	1								
Stony Bay	Fine	08-Jul-13	42	5	Done	1								
Stony Bay	Fine	08-Jul-13	43	5	Done	1								
Stony Bay	Fine	08-Jul-13	44	5	Done	1	1							
Stony Bay	Fine	08-Jul-13	45	5	Done	1								
Stony Bay	Fine	08-Jul-13	46	5	Done	1								
Stony Bay	Fine	08-Jul-13	47	5	Done	1								
Stony Bay	Fine	08-Jul-13	48	5	Done	1								
Stony Bay	Fine	08-Jul-13	49	5	Done	1								
Stony Bay	Fine	08-Jul-13	50	6	Done	1								
Stony Bay	Fine	08-Jul-13	51	6	Done	1								
Stony Bay	Fine	08-Jul-13	52	6	Done	1								
Stony Bay	Fine	08-Jul-13	53	6	Done	1								
Stony Bay	Fine	08-Jul-13	54	6	Done	1								
Stony Bay	Fine	08-Jul-13	55	6	Done	1	1							
Stony Bay	Fine	08-Jul-13	56	6	Done	1								
Stony Bay	Fine	08-Jul-13	57	6	Done	1								
Stony Bay	Fine	08-Jul-13	58	6	Done	1								
Stony Bay	Fine	08-Jul-13	59	6	Done	1								
Stony Bay	Fine	08-Jul-13	60	6	Done	1	1							
Stony Bay	Fine	08-Jul-13	61	7	Done	1								
Stony Bay	Fine	08-Jul-13	62	7	Done	1								
Stony Bay	Fine	08-Jul-13	63	7	Done	1								
Stony Bay	Fine	08-Jul-13	64	7	Done	1								
Stony Bay	Fine	08-Jul-13	65	7	Done	1								
Stony Bay	Fine	08-Jul-13	66	7	Done	1								
Stony Bay	Fine	08-Jul-13	67	7	Done	1								
Stony Bay	Fine	08-Jul-13	68	7	Done	1								
Stony Bay	Fine	08-Jul-13	69	7	Done	1								
Stony Bay	Fine	08-Jul-13	70	7	Done	1								



Doctors	Fine	15-Jul-13	121	13	Done	1			
Doctors	Fine	15-Jul-13	122	13	Done	1			
Doctors	Fine	15-Jul-13	123	13	Done	1			
Doctors	Fine	15-Jul-13	124	13	Done	1			
Doctors	Fine	15-Jul-13	125	13	Done	1	1		
Doctors	Fine	15-Jul-13	126	13	Done	1			
Doctors	Fine	15-Jul-13	127	13	Done	1			
Doctors	Fine	15-Jul-13	128	13	Done	1	1		
Doctors	Fine	15-Jul-13	129	13	Done	1			
Doctors	Fine	15-Jul-13	130	13	Done	1			
Doctors	Fine	15-Jul-13	131	14	Done	1			
Doctors	Fine	15-Jul-13	132	14	Done	1			
Doctors	Fine	15-Jul-13	133	14	Done	1	1		
Doctors	Fine	15-Jul-13	134	14	Done	1			
Doctors	Fine	15-Jul-13	135	14	Done	1			
Doctors	Fine	15-Jul-13	136	14	Done	1			
Doctors	Fine	15-Jul-13	137	14	Done	1			
Doctors	Fine	15-Jul-13	138	14	Done	1			
Doctors	Fine	15-Jul-13	139	14	Done	1			
Doctors	Fine	15-Jul-13	140	14	Done	1			
Doctors	Fine	15-Jul-13	141	15	Done	1			
Doctors	Fine	15-Jul-13	142	15	Done	1			
Doctors	Fine	15-Jul-13	143	15	Done	1			
Doctors	Fine	15-Jul-13	144	15	Done	1			
Doctors	Fine	15-Jul-13	145	15	Done	1	1		
Doctors	Fine	15-Jul-13	146	15	Done	1			
Doctors	Fine	15-Jul-13	147	15	Done	1	1		
Doctors	Fine	15-Jul-13	148	15	Done	1			
Doctors	Fine	15-Jul-13	149	15	Done	1			
Doctors	Fine	15-Jul-13	150	16	Done	1			

RELEASED UNDER THE OFFICIAL INFORMATION ACT



Moehau SMI Post - 1080 July 2013