

Radio Paging by Modem (in Singapore)

RDC Application Note #13

(Copyright © RDC 1996-1997, USA and Singapore, All Rights Reserved.)

Quick Index:

- [Numeric Paging](#)
 - [Alpha/Message Paging \(SingTel\)](#)
 - [Alpha/Message Paging \(M1\)](#)
 - (other services here I haven't tried yet)
 - Return to [Application List](#)
-

Below is what I have found through experimentation and examining existing systems. Queries at Singapore Telecom seemed to confuse the people there - as if the desire to page by computer was a strange new concept. No doubt someone there knows, but most staff don't know who that may be. Anyway, if you have any info or details to add, please email me: linsela@singnet.com.sg. I'd especially like to know message paging details for Hutchinson and other services, plus if there is a simple way to know which service uses which number ranges.

Numeric Paging

The following line pages # 9888-8888 and sends the caller id (your tel number) as the code

```
ATDT98888888 , , , , , * ,  
+++  
ATH
```

The following line pages # 9888-8888 and sends the code "001202"

```
ATDT98888888 , , , , , *001202* ,  
+++  
ATH
```

The ATDT means touch tone dialing. The commas add delay. The * and ** are the begin & end markers for Singapore Telecom. The +++ restores command control to the modem and ATH hangs up the modem.

This numeric paging *also works for alpha pagers* - but only numbers can be shown.

Alpha/Message Paging (SingTel)

Unfortunately, each new service in Singapore wants it's own incompatible method for message paging. For SingTel (Singapore Telecom) they have an alphanumeric push-button interface (API) as

published on page 54 of the July 1996 Business white pages (see the heading "How to send a Message Page" in the table of contents).

The following line pages # 9888-8888 and sends the code "YES", where Y=#9, E=03, and S=#7

```
ATDT98888888,,,,,#,#903#7**,  
+++  
ATH
```

Alpha/Message Paging (M1)

Unfortunately, each new service in Singapore wants it's own incompatible method for message paging. For M1 they have an alphanumeric push-button interface (API) which you must get from M1. M1 also includes the concept of "Canned Messages", where you can send a code like 409 (which shows up as "I YOU YOU") or 104 ("BOSS IS LOOKING FOR YOU!")

The following line pages # 9888-8888 and sends the code "YES", where Y=93, E=32, and S=74

```
ATDT98888888,,,,,#,#933274**,  
+++  
ATH
```

M1 has basically 2 sets of API codes - shown in 2 tables below. You need to use the 2 keys ## to select the alpha codes and *# to select the numeric codes. Contact M1 if you need a better explanation for this. Since Singtel was already using an API published in the white pages, M1 should have gone to great lengths to support this API as much as possible (yuk to them!) After all, it is only software and M1 could have used the funny "Shift" codes to select the Canned Messages which is unique from Singtel.

API Alpha Code (M1) (Shift to with ##)

Data	1st Key Stroke	2nd Key Stroke	Data	1 Key Stroke	2nd Key Stroke
A	2	1	S	7	4
B	2	2	T	8	1
C	2	3	U	8	2
D	3	1	V	8	3
E	3	2	W	9	1
F	3	3	X	9	2
G	4	1	Y	9	3
H	4	2	Z	9	4
I	4	3	SPACE	*	1
J	5	1	-	*	2
K	5	2	*	*	3
L	5	3	\$	*	4
M	6	1	&	*	5
N	6	2	%	*	6
O	6	3	?	*	7
P	7	1	BACK- SPACE	*	8
Q	7	2			
R	7	3			

API Number Codes (M1) (Shift to with * #)

Data	1st Key Stroke	2nd Key Stroke	Data	1 Key Stroke	2nd Key Stroke
1	1	(none)	SPACE	*	1
2	2	(none)	-	*	2
3	3	(none)	*	*	3
4	4	(none)	\$	*	4
5	5	(none)	&	*	5
6	6	(none)	%	*	6
7	7	(none)	?	*	7
8	8	(none)	BACK- SPACE	*	8
9	9	(none)			
0	0	(none)			

Click to email for more information : info@robustdc.com

Copyright © RDC 1996-1997, USA and Singapore, All Rights Reserved.