

TELECOMMUNICATIONS NUMBERING ADVISORY COMMITTEE

Reservation of Special Numbers

Introduction

The Telecommunication (Amendment) Bill 1999, incorporating provisions for the Special Number Arrangement (SNA), was gazetted on 30 April 1999. In order to cater for the future implementation of SNA, the Telecommunications Authority (TA) considers that it is necessary to reserve for the SNA the relevant special numbers and number blocks in the Hong Kong Numbering Plan.

Categories of Special Numbers

2. In the Public Consultation Paper on SNA issued in February 1997, four categories of special numbers were identified:

- Primary Special Number (PSN)
- Secondary Special Number (SSN)
- Special Number Block and Access Code (SNBAC)
- Consumer Requested Special Number (CRSN)

3. The numbers in the first 3 categories are listed in Annex of this paper. For the fourth category, a number is only regarded as “special” by an individual user and therefore cannot be identified until the user applies for it. In the Annex, the numbers which have already been assigned or number blocks which have already been allocated to date are crossed out. These numbers/number blocks would not be made available as Special Numbers or Special Number Blocks.

TA's Proposals in Reserving Unallocated/Unassigned Special Numbers under SNA

4. For the purpose of reserving all the relevant special numbers for the future implementation of SNA, the TA proposes the following arrangements and actions:

- For any allocation of new number blocks by the TA, the TA will not assign the PSN and SNBAC to any FTNS operators and mobile network operators and also request them to reserve and not to assign any SSN to customers as stipulated in the schedules of the SNA Consultation Paper.
- Since the SNA Consultation Paper provides that numbers fall into the number blocks used for Direct Dialling In (DDI) services would

not be considered as SSN, FTNS operators are therefore not required to reserve these numbers.

- FTNS and mobile network operators would keep all the above reserved numbers until further notice given by the TA.

Advice Sought

5. Members are invited to comment on the proposals and recommendations given in paragraph 4.

Office of the Telecommunications Authority
21 June 1999

Schedule 1

Primary Special Numbers

A primary special number is one of the following:

2222 1111, 2222 2222, 2222 3333, 2222 4444, 2222 5555
2222 6666, 2222 7777, 2222 8888, 2222 9999, 2222 0000
3333 1111, 3333 2222, 3333 3333, 3333 4444, 3333 5555
3333 6666, 3333 7777, 3333 8888, 3333 9999, 3333 0000
4444 1111, 4444 2222, 4444 3333, 4444 4444, 4444 5555
4444 6666, 4444 7777, 4444 8888, 4444 9999, 4444 0000
5555 1111, 5555 2222, 5555 3333, 5555 4444, 5555 5555
5555 6666, 5555 7777, 5555 8888, 5555 9999, 5555 0000
6666 1111, 6666 2222, 6666 3333, 6666 4444, 6666 5555
6666 6666, 6666 7777, 6666 8888, 6666 9999, 6666 0000
8888 1111, 8888 2222, 8888 3333, 8888 4444, 8888 5555
8888 6666, 8888 7777, 8888 8888, 8888 9999, 8888 0000

~~2345 6789~~, 3456 7890
8765 4321, ~~9876 5432~~

~~2233 4455~~, 3344 5566, 4455 6677, 5566 7788, 6677 8899,
8877 6655, 6655 4433, 5544 3322, 4433 2211, 3322 1100

~~2211 2211, 2233 2233, 2244 2244, 2255 2255~~
~~2266 2266, 2277 2277, 2288 2288, 2299 2299, 2200 2200~~
3311 3311, 3322 3322, 3344 3344, 3355 3355
3366 3366, 3377 3377, 3388 3388, 3399 3399, 3300 3300
4411 4411, 4422 4422, 4433 4433, 4455 4455
4466 4466, 4477 4477, 4488 4488, 4499 4499, 4400 4400
5511 5511, 5522 5522, 5533 5533, 5544 5544
5566 5566, 5577 5577, 5588 5588, 5599 5599, 5500 5500
6611 6611, 6622 6622, 6633 6633, 6644 6644, 6655 6655
6677 6677, 6688 6688, 6699 6699, 6600 6600
8811 8811, 8822 8822, 8833 8833, 8844 8844, 8855 8855
8866 8866, 8877 8877, 8899 8899, 8800 8800

~~2211 1122, 2233 3322, 2244 4422, 2255 5522~~
~~2266 6622, 2277 7722, 2288 8822, 2299 9922, 2200 0022~~
3311 1133, 3322 2233, 3344 4433, 3355 5533
3366 6633, 3377 7733, 3388 8833, 3399 9933, 3300 0033
4411 1144, 4422 2244, 4433 3344, 4455 5544
4466 6644, 4477 7744, 4488 8844, 4499 9944, 4400 0044
5511 1155, 5522 2255, 5533 3355, 5544 4455
5566 6655, 5577, 7755, 5588 8855, 5599 9955, 5500 0055
6611 1166, 6622 2266, 6633 3366, 6644 4466
6655 5566, 6677 7766, 6688 8866, 6699 9966, 6600 0066
8811 1188, 8822 2288, 8833 3388, 8844 4488, 8855 5588
8866 6688, 8877 7788, 8899 9988 8800 0088

~~2121 2121, 2323 2323, 2424 2424, 2525 2525~~
~~2626 2626, 2727 2727, 2828 2828, 2929 2929, 2020 2020~~
3131 3131, 3232 3232, 3434 3434, 3535 3535
3636 3636, 3737 3737, 3838 3838, 3939 3939, 3030 3030
4141 4141, 4242 4242, 4343 4343, 4545 4545
4646 4646, 4747 4747, ~~4848 4848~~, 4949 4949, 4040 4040
5151 5151, 5252 5252, 5353 5353, 5454 5454
5656 5656, 5757 5757, 5858 5858, 5959 5959, 5050 5050
6161 6161, 6262 6262, 6363 6363, 6464 6464, 6565 6565
6767 6767, 6868 6868, 6969 6969, 6060 6060
8181 8181, 8282 8282, 8383 8383, 8484 8484, 8585 8585
8686 8686, 8787 8787, 8989 8989, 8080 8080
~~9191 9191, 9292 9292, 9393 9393, 9494 9494, 9595 9595~~
9696 9696, 9797 9797, 9898 9898, ~~9090 9090~~

Schedule 2

Secondary Special Numbers

A secondary special number is an 8-digit number other than a primary special number:

a) the last 4 digits of which are in one of the following combinations:

0123, 1234, 2345, 3456, 4567, 5678, 6789, 7890
0987, 9876, 8765, 7654, 6543, 5432, 4321, 3210

0000, 0011, 0022, 0033, 0044, 0055, 0066, 0077, 0088, 0099
1100, 1111, 1122, 1133, 1144, 1155, 1166, 1177, 1188, 1199
2200, 2211, 2222, 2233, 2244, 2255, 2266, 2277, 2288, 2299
3300, 3311, 3322, 3333, 3344, 3355, 3366, 3377, 3388, 3399
4400, 4411, 4422, 4433, 4444, 4455, 4466, 4477, 4488, 4499
5500, 5511, 5522, 5533, 5544, 5555, 5566, 5577, 5588, 5599
6600, 6611, 6622, 6633, 6644, 6655, 6666, 6677, 6688, 6699
7700, 7711, 7722, 7733, 7744, 7755, 7766, 7777, 7788, 7799
8800, 8811, 8822, 8833, 8844, 8855, 8866, 8877, 8888, 8899
9900, 9911, 9922, 9933, 9944, 9955, 9966, 9977, 9988, 9999

1001, 1221, 1331, 1441, 1551, 1661, 1771, 1881, 1991
2002, 2112, 2332, 2442, 2552, 2662, 2772, 2882, 2992
3003, 3113, 3223, 3443, 3553, 3663, 3773, 3883, 3993
4004, 4114, 4224, 4334, 4554, 4664, 4774, 4884, 4994
5005, 5115, 5225, 5335, 5445, 5665, 5775, 5885, 5995
6006, 6116, 6226, 6336, 6446, 6556, 6776, 6886, 6996
7007, 7117, 7227, 7337, 7447, 7557, 7667, 7887, 7997
8008, 8118, 8228, 8338, 8448, 8558, 8668, 8778, 8998
9009, 9119, 9229, 9339, 9449, 9559, 9669, 9779, 9889

0101, 0202, 0303, 0404, 0505, 0606, 0707, 0808, 0909
1010, 1212, 1313, 1414, 1515, 1616, 1717, 1818, 1919
2020, 2121, 2323, 2424, 2525, 2626, 2727, 2828, 2929
3030, 3131, 3232, 3434, 3535, 3636, 3737, 3838, 3939
4040, 4141, 4242, 4343, 4545, 4646, 4747, 4848, 4949
5050, 5151, 5252, 5353, 5454, 5656, 5757, 5858, 5959
6060, 6161, 6262, 6363, 6464, 6565, 6767, 6868, 6969
7070, 7171, 7272, 7373, 7474, 7575, 7676, 7878, 7979

8080, 8181, 8282, 8383, 8484, 8585, 8686, 8787, 8989
9090, 9191, 9292, 9393, 9494, 9595, 9696, 9797, 9898

or

b) the last 4 digits are made up of numbers in the same order or in the reverse order of the numbers in the first 4 digits.

Provided that it:

- should not have “7” as its first digit¹;
- should not have “14” or “19” as its first 2 digits²; and
- it is not used for the provision of Direct Dialing In (DDI) services³.

¹In the current numbering plan, numbers beginning with “7” are reserved for paging services which are not covered by the Special Number Arrangements.

²Numbers beginning with “14” and “19” are for use among the operators only and will not be available to end customers.

³If numbers on this list are used for the provision of DDI services, they will not be considered as Special Numbers. This is in view of the technical difficulty in disabling individual Secondary Special Numbers within a DDI block in case the subscriber does not wish to pay for them.

Schedule 3

Special Number Blocks and Access Codes

A special number block is the group of numbers the first 3 digits of which are in one of the following combinations:

111, 222, 333, 444, 555, 666, 888

~~123, 234~~, 345, 456, 567, 678, 890

~~001, 002~~, 003, 004, 005, ~~006, 007, 008, 009~~

~~101, 121, 131, 151, 161, 171, 181~~

~~202, 212, 232, 242, 252, 262, 272, 282, 292~~

303, 313, 323, 343, 353, 363, 373, 383, 393

404, ~~414~~, 424, 434, 454, 464, 474, ~~484~~, 494

505, 515, 525, 535, 545, 565, 575, 585, 595

606, 616, 626, 636, 646, 656, 676, 686, 696

808, 818, 828, 838, 848, 858, 868, 878, 898

~~909, 919~~, 929, 939, ~~949~~, 959, 969, 979, 989

For the purpose of these regulations, a special number block shall consist of at least one number, and shall not include numbers listed in Schedules 1 and 2.