10   SIGNALLING POINT CODES

10.1   Introduction

Signalling Point Codes (SPCs) are signalling addresses used in a signalling network employing common channel Signalling System No.7 (SS7) for call set-up. SPC is needed for establishing interconnection between two SS7 switches.

10.2   International Signalling Point Code (ISPC)

10.2.1 International Signalling Point Codes (ISPCs) are 14-bit binary codes used to establish direct SS7 signalling links and interconnection with overseas networks. The 14 bits of the ISPC are commonly represented by three decimal numbers (e.g. 5-047-0): the first decimal, with the range of 0 to 7, represents the three (3) most significant bits; the second decimal string, with the range of 000 to 255 represents the following eight (8) bits; and the third decimal, with the range of 0 to 7, represents the three least significant bits.

10.2.2 FBO licensees and SBO licensees establishing direct SS7 signalling links and interconnection with overseas networks are eligible for ISPCs. The actual number of ISPCs assigned depends on the licensees' requirement.

10.2.3 Existing assignments of ISPC are shown in Annex 3.

10.2.4 Licensees are required to provide the information as detailed in Annex 6 in the application for ISPC.

10.3   National Signalling Point Code (NSPC)

10.3.1 National Signalling Point Codes (NSPCs) are 14-bits binary codes used to establish direct SS7 signalling links and interconnection with local networks. The 14 bits of the NSPC is commonly represented by three decimal numbers (e.g. 9-0-0): the first decimal string, with the range 0 to 63, represents the six most significant bit; the second decimal string, with the range 0 to 15, represents the following four bits; and the third decimal, with the range 0 to 15, represents the four least significant bits.

10.3.2 For FBO licensees, IMDA will assign a block of 8 NSPCs to each licensee. Additional blocks of 8 NSPCs are assigned from the next available block when the licensee has exhausted its existing assignment.

10.3.3 For SBO licensees, IMDA will assign a block of 4 NSPCs to each licensee. Additional blocks of 4 NSPCs are assigned from the next available block when the licensee has exhausted its existing assignment.

10.3.4 Existing assignments of NSPC are shown in Annex 3.

10.3.5 Licensees are required to provide the information as detailed in Annex 6 in the application for NSPC.