

Example in C language:

```
/*Hash table :*/
static const unsigned short ausCrcTab1[] =
{
    0x0000, 0xCC01, 0xD801, 0x1400, 0xF001, 0x3C00, 0x2800, 0xE401,
    0xA001, 0x6C00, 0x7800, 0xB401, 0x5000, 0x9C01, 0x8801, 0x4400,
};

/* CRC computing */
unsigned short calc_crc(unsigned char *pucData, long lSize)
{
    unsigned short usAcc1 = 0xFFFF;

    while ( lSize > 0 )
    {
        /* gestion par quartet du calcul */
        usAcc1 = ausCrcTab1[( (*pucData ^ usAcc1) & 15] ^ (usAcc1 >> 4);
        usAcc1 = ausCrcTab1[ (( *pucData >> 4) ^ usAcc1) & 15] ^ (usAcc1 >> 4);

        pucData++;
        lSize--;
    }

    return(usAcc1);
}
```

^ : XOR.

>> : Logical shift right.

& : logical AND.