EXRA bût to be added = 5-1= 4 Transmitted (x) = 21+21+29+27+25+26+26+26+ Encodol :6175 = 100 100 110 11 11

Error Rattern = 10001000000 transmitted bits = 100100 1100 (To be Filtered from 9) 00011011011100 Filtered Data = Received Data (Flip 1 400 0 to 1)

p(m) = x2+x+1 = 10011 = Divided by

DOW = 00011011011100 = 21 + 210 + 28 + 22 + 22 + 22 + 23 + 3

れず 大なら

Divided by = 24+2+1

Quotient = 24+26+23+22+22 Reminder = 23+22+2 = 1110 AS WP See, the Remindre after division is 23+2+n(1110), which is non zoro, The export are detected. ERROR Pudezen = 100110000000 To be Filtered Pales = 100100111100 = 0 000 1 0 1 1 0 1 1 1 1 0 0 Miltered Dave 1982 Fixed Data = 000010110011100 Peccinal Data = 0000101101100 (A11) at BOSHION D(n) = 210+28+22+25+24+22+22 there for gee P(n) = 24+24+1 To defect expense 26+224+22+

Remindese = 0000

The string 000010110111100 is received, corresponding to not retain the Remindose affixe division by 24+2+1 is 0000, which is 2200, Hence, ERROR not detected.