Contents of 7/03/2014 12:50:43.760 message field.

HEX STRING FROM 7/03/2014 12:50:44.502 = 4B 79 75 00 8F 85 FF FF 01 32 AE B9 CD AD CD 52 4F B7 5E

What we want is !!!2.9M-MRO

From	4B	79	75	00	8F	FF	FF	01	32	AE	B9	CD	AD	CD	52	4F	B7	5E
To	K	y	u	#	!	!	!	!	2	.	9	M	-	M	R	O	7	^

Please see decode info in appendix A

Appendix A - Decode of SU message field

```
Function look_up_char(ByVal Vsbyte As String, ByRef rsmissing As String)

Dim lswrk As String

Dim lbproperspaces_only As Boolean

Dim lsfakespacechar As String


lsfakespacechar = ""


lbproperspaces_only = False



rsmissing = ""


  Select Case Vsbyte

    Case "20"

       lswrk = " "

   ' Case "30"

     '   lswrk = "3"

    Case "30"

       lswrk = "0"

      ' 7/2/2025



    Case "31"

       lswrk = "1"

    Case "32"

       lswrk = "2"
```

```
Case "34"
   lswrk = "4"
Case "37"
   lswrk = "7"
Case "38"
   lswrk = "8"
Case "43"
   lswrk = "C"
Case "46"
   lswrk = "F"
Case "49"
   lswrk = "I"
Case "4A"
   lswrk = "J"
Case "4B"
   lswrk = "K"
Case "4C"
   lswrk = "L"
Case "4F"
   lswrk = "O"
Case "51"
   lswrk = "Q"
Case "52"
   lswrk = "R"
Case "54"
   lswrk = "T"
Case "55"
   lswrk = "U"
Case "5A"
   lswrk = "Z"
```

```
Case "B0"
   lswrk = "0"
Case "B3"
   lswrk = "3"
Case "B5"
   lswrk = "5"
Case "B6"
   lswrk = "6"
Case "B9"
   lswrk = "9"
Case "C1"
   lswrk = "A"
Case "C2"
   lswrk = "B"
Case "C4"
   lswrk = "D"
Case "C5"
   lswrk = "E"
Case "C7"
   lswrk = "G"
Case "C8"
   lswrk = "H"
Case "CD"
   lswrk = "M"
Case "CE"
   lswrk = "N"
Case "D0"
   lswrk = "P"
Case "D3"
   lswrk = "S"
```

```
Case "D6"
   lswrk = "V"
Case "D7"
   lswrk = "W"
Case "D8"
   lswrk = "X"
Case "D9"
   lswrk = "Y"
Case "67"
   lswrk = "g"
Case "68"
   lswrk = "h"
Case "6A"
   lswrk = "j"
Case "6B"
   lswrk = "k"
Case "6E"
   lswrk = "n"
Case "6F"
   lswrk = "o"
Case "70"
   lswrk = "p"
Case "76"
   lswrk = "v"
Case "79"
   lswrk = "y"
Case "7A"
   lswrk = "z"
Case "E1"
   lswrk = "a"
```

```
Case "E2"
   lswrk = "b"
Case "E3"
   lswrk = "c"
Case "E4"
   lswrk = "d"
Case "E5"
   lswrk = "e"
Case "E6"
   lswrk = "f"
Case "E9"
   lswrk = "i"
Case "EC"
   lswrk = "l"
Case "ED"
   lswrk = "m"
Case "F1"
   lswrk = "q"
Case "F2"
   lswrk = "r"
Case "F3"
   lswrk = "s"
Case "F4"
   lswrk = "t"
Case "F5"
   lswrk = "u"
Case "F7"
   lswrk = "w"
Case "F8"
   lswrk = "x"
```

```
Case "01"
   lswrk = "!"
Case "02"
   lswrk = "!"
Case "04"
   lswrk = "!"
Case "08"
   lswrk = "!"
Case "0D"
   lswrk = "!"
Case "0E"
   lswrk = "!"
Case "10"
   lswrk = "!"
Case "14"
   lswrk = "!"
Case "15"
   lswrk = "!"
Case "20"
' Genuine space char
   lswrk = " "
Case "23"
   lswrk = "#"
Case "3C"
   lswrk = "<"
Case "3D"
   lswrk = "="
Case "3F"
   lswrk = "?"
Case "40"
```

```
    lswrk = "!"
Case "5C"
    lswrk = "\"
Case "7E"
    lswrk = "!"
Case "82"
    lswrk = "!"
Case "87"
    lswrk = "!"
Case "88"
    lswrk = "!"
Case "8F"
    lswrk = "!"
Case "91"
    lswrk = "!"
Case "92"
    lswrk = "!"
Case "98"
    lswrk = "!"
Case "AD"
    lswrk = "-"
Case "AE"
    lswrk = "."
Case "BE"
    lswrk = ">"
Case "FB"
    lswrk = "{"
Case "7B"
    lswrk = "{"
Case "7D"
```

```
    lswrk = "}"
Case "2B"
    lswrk = "+"
Case "2D"
    lswrk = "-"
Case "81"
    lswrk = "!"
Case "0B"
    lswrk = "!"
Case "CF"
    lswrk = "O"
Case "35"
    lswrk = "5"
Case "33"
    lswrk = "3"
Case "03"
    lswrk = "!"
Case "EE"
    lswrk = "n"
Case "8A"
    lswrk = "!"
Case "EB"
    lswrk = "k"
Case "D4"
    lswrk = "T"
Case "7F"
    lswrk = "!"



Case "0B"
```

```
    lswrk = "!"
Case "09"
    lswrk = "!"

Case "85"
    lswrk = "!"
Case "07"
    lswrk = "!"
Case "00"
    lswrk = "#"
Case "73"
    lswrk = "!"
Case "65"
    lswrk = "e"
Case "64"
    lswrk = "d"
Case "72"
    lswrk = "r"
Case "28"
    lswrk = "("
Case "25"
    lswrk = "%"
Case "EA"
    lswrk = "j"
Case "FF"
    lswrk = "!"
Case "FC"
    lswrk = "!"
Case "84"
    lswrk = "!"
```

```
Case "JB"
   lswrk = "["
Case "5E"
   lswrk = "^"
Case "74"
   lswrk = "t"
Case "BD"
   lswrk = "="
Case "A5"
   lswrk = "%"
Case "E8"
   lswrk = "h"
Case "11"
   lswrk = "!"
Case "17"
   lswrk = "!"
Case "DA"
   lswrk = "Z"

Case "BB"
   lswrk = ";"
Case "26"
   lswrk = "&"
Case "1B"
   lswrk = "!"
Case "DF"
   lswrk = "_"
Case "83"
   lswrk = "!"
Case "42"
```

```
    lswrk = "B"
Case "36"
    lswrk = "6"
Case "48"
    lswrk = "H"
Case "97"
    lswrk = "!"
Case "06"
    lswrk = "-"
Case "45"
    lswrk = "E"
Case "2F"
    lswrk = "/"
Case "57"
    lswrk = "W"
Case "CB"
    lswrk = "K"
Case "B8"
    lswrk = "8"
Case "C3"
    lswrk = "C"
Case "9A"
    lswrk = "!"
Case "39"
    lswrk = "9"
Case "FD"
    lswrk = "}"
Case "A9"
    lswrk = "}"
Case "05"
```

```
    lswrk = "!"


Case "A4"
    lswrk = "$"
Case "3E"
    lswrk = ">"
Case "9B"
    lswrk = "!"
Case "12"
    lswrk = "!"
Case "13"
    lswrk = "!"
Case "0A"
    lswrk = " "
    If (lbproperspaces_only = True) Then
        lswrk = lsfakespacechar
    End If
Case "44"
    lswrk = "D"
Case "59"
    lswrk = "Y"
Case "5B"
    lswrk = "["
Case "5D"
    lswrk = "]"
Case "61"
    lswrk = "a"
Case "5F"
    lswrk = "_"
Case "7C"
```

```
    lswrk = "|"
Case "69"
    lswrk = "i"
Case "1A"
    lswrk = ""
Case "2E"
    lswrk = "."
Case "94"
    lswrk = ""

Case "1C"
    lswrk = " "
    If (lbproperspaces_only = True) Then
        lswrk = lsfakespacechar
    End If
Case "1E"
    lswrk = " "
    If (lbproperspaces_only = True) Then
        lswrk = lsfakespacechar
    End If
Case "58"
    lswrk = "X"
Case "29"
    lswrk = ")"
Case "78"
    lswrk = "x"
Case "75"
    lswrk = "u"
Case "99"
    lswrk = "!"
```

```
Case "9F"
   lswrk = " "
   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
Case "C6"
   lswrk = "F"
Case "BF"
   lswrk = "?"
Case "BA"
   lswrk = ":"
Case "6C"
   lswrk = "l"
Case "47"
   lswrk = "G"
Case "B4"
   lswrk = "4"
Case "95"
   lswrk = "!"
Case "9C"
   lswrk = " "
   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
Case "AF"
   lswrk = "/"
Case "F0"
   lswrk = "p"
Case "2A"
   lswrk = "*"
```

```
Case "80"
   lswrk = " "
Case "F6"
   lswrk = "v"
Case "89"
   lswrk = " "
   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
Case "24"
   lswrk = "$"
Case "DE"
   lswrk = "^"
Case "19"
   lswrk = "!"
Case "6D"
   lswrk = "m"
Case "3A"
   lswrk = ":"
Case "D5"
   lswrk = "U"
Case "41"
   lswrk = "A"
Case "53"
   lswrk = "S"

Case "21"
   lswrk = "!"
Case "18"
   lswrk = "!"
```

```
Case "A1"
   lswrk = "!"
Case "22"
   lswrk = "!"
Case "27"
   lswrk = "'"

Case "8D"
   lswrk = " "

   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
Case "D2"
   lswrk = "R"
Case "B1"
   lswrk = "1"
Case "4D"
   lswrk = "M"
Case "EF"
   lswrk = "o"
Case "AB"
   lswrk = "+"
Case "63"
   lswrk = "c"
Case "56"
   lswrk = "V"
Case "A6"
   lswrk = "&"
Case "16"
```

```
    lswrk = "!"
Case "A3"
    lswrk = "#"
Case "62"
    lswrk = "b"
Case "AA"
    lswrk = "*"
Case "60"
    lswrk = "`"
Case "CC"
    lswrk = "L"
Case "D1"
    lswrk = "Q"
Case "D2"
    lswrk = "R"
Case "3B"
    lswrk = ";"
Case "AC"
    lswrk = ","
Case "96"
    lswrk = "!"
Case "FE"
    lswrk = "~"
Case "B2"
    lswrk = "2"
Case "8E"
    lswrk = "!"
Case "2C"
    lswrk = ","
Case "C9"
```

```
    lswrk = "I"
Case "A8"
    lswrk = "("
Case "E7"
    lswrk = "g"
Case "66"
    lswrk = "f"
Case "90"
    lswrk = "!"
Case "DC"
    lswrk = "\"
Case "50"
    lswrk = "P"
Case "4E"
    lswrk = "N"
Case "FA"
    lswrk = "z"
Case "77"
    lswrk = "w"
Case "86"
    lswrk = ""
Case "93"
    lswrk = "!"
Case "BC"
    lswrk = "<"
Case "0C"
    lswrk = " "
    If (lbproperspaces_only = True) Then
        lswrk = lsfakespacechar
    End If
```

```
Case "8C"
   lswrk = " "
   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
Case "9D"
   lswrk = " "
   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
Case "A7"
   lswrk = "'"
Case "C0"
  ' lswrk = "@"
   lswrk = "!"
Case "CA"
   lswrk = "j"
Case "71"
   lswrk = "q"
Case "8B"
   lswrk = " "
   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
Case "0F"
   lswrk = "!"



Case "F9"
   lswrk = "y"
```

```
Case "1D"
   lswrk = " "
Case "DB"
   lswrk = "["
Case "1F"
   lswrk = " "
   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
Case "E0"
   lswrk = "`"
Case "4D"
   lswrk = "M"
Case "A0"
   lswrk = " "
Case "B7"
   lswrk = "7"
Case "DD"
   lswrk = "]"



Case "A2"
   lswrk = """"
Case "9E"
   lswrk = " "
   If (lbproperspaces_only = True) Then
      lswrk = lsfakespacechar
   End If
```

```
    Case "XX"
       lswrk = "!"
    Case Else
        lswrk = "@" & Vsbyte
        rsmissing = rsmissing & lswrk
  End Select
   look_up_char = lswrk
End Function
```