

142A.1 Example of initial control seed sequence

For example, from Table 142–5 the control seed sequence for the first user interleaver is:

0xE3-88-B0-9A-74-F4-94-8E-5D-C0-CC-8A-18-9A-B9-B2

which represents the binary sequence:

```
1110 0011 1000 1000 1011 0000 1001 1010
0111 0100 1111 0100 1001 0100 1000 1110
0101 1101 1100 0000 1100 1100 1000 1010
0001 1000 1001 1010 1011 1001 1011 0010
```

From Table 142–4, the switch programming sequence for the first stage of the user interleaver is a circular shift (left rotation) of the above control seed by 17 positions:

Control bit for switch 127 of the first stage

```
|
0110 0001 0011 0100 1110 1001 1110 1001
0010 1001 0001 1100 1011 1011 1000 0001
1001 1001 0001 0100 0011 0001 0011 0101
0111 0011 0110 0101 1100 0111 0001 0001
```

|
Control bit for switch 0 of the first stage

From Table 142–4, the switch programming sequence for the second stage of the user interleaver is a circular shift (left rotation) of the above control seed by 34 positions:

Control bit for switch 127 of the second stage

```
|
1101 0011 1101 0010 0101 0010 0011 1001
0111 0111 0000 0011 0011 0010 0010 1000
0110 0010 0110 1010 1110 0110 1100 1011
1000 1110 0010 0010 1100 0010 0110 1001
```

|
Control bit for switch 0 of the second stage