

EBU Time Code Output Format

Program Option Selected	Program 17 Option '0' Program 18 Option '0'	Program 17 Option '1' Program 18 Option '0'	Program 17 Option '1' Program 18 Option '1'
Data Bit	Data Bit Content	Data Bit Content	Data Bit Content
0	1 <i>Frame Number Units</i>	1 <i>Frame Number Units</i>	1 <i>Frame Number Units</i>
1	2	2	2
2	4	4	4
3	8	8	8
4	0 <i>Unused bits</i>	0 <i>Unused bits</i>	0 <i>Status bit a</i>
5	0	0	0 <i>Status bit b</i>
6	0	0	0 <i>Status bit c</i>
7	0	0	0 <i>Status bit d</i>
8	10 <i>Frame Number Tens</i>	10 <i>Frame Number Tens</i>	10 <i>Frame Number Tens</i>
9	20	20	20
10	0 <i>Unused Bits</i>	0 <i>Unused Bits</i>	0 <i>Unused Bits</i>
11	0	0	0
12	0	1 <i>Days Units</i>	0
13	0	2	0
14	0	4	0
15	0	8	0
16	1 <i>Seconds Units</i>	1 <i>Seconds Units</i>	1 <i>Seconds Units</i>
17	2	2	2
18	4	4	4
19	8	8	8
20	0 <i>Unused Bits</i>	1 <i>Months Units</i>	1 <i>Years Units</i>
21	0	2	2
22	0	4	4
23	0	8	8
24	10 <i>Seconds Tens</i>	10 <i>Seconds Tens</i>	10 <i>Seconds Tens</i>
25	20	20	20
26	40	40	40
27	0 <i>Unused bit</i>	0 <i>Unused bit</i>	0 <i>Unused bit</i>
28	0	10 <i>Days Tens</i>	10 <i>Years Tens</i>
29	0	20	20
30	0	1 <i>Months Tens</i>	40
31	0	0 <i>Unused bit</i>	80
32	1 <i>Minutes Units</i>	1 <i>Minutes Units</i>	1 <i>Minutes Units</i>
33	2	2	2
34	4	4	4
35	8	8	8
36	0 <i>Unused bits</i>	0 <i>Unused bits</i>	1 <i>Months Units</i>
37	0	0	2
38	0	0	4
39	0	0	8
40	10 <i>Minutes Tens</i>	10 <i>Minutes Tens</i>	10 <i>Minutes Tens</i>
41	20	20	20
42	40	40	40
43	0 <i>Unused bit</i>	0 <i>Unused bit</i>	0 <i>Unused bit</i>

Program Option Selected	Program 17 Option '0' Program 18 Option '0'	Program 17 Option '1' Program 18 Option '0'	Program 17 Option '1' Program 18 Option '1'
Data Bit	Data Bit Content	Data Bit Content	Data Bit Content
44	0 Unused bits	1 Years Units	1 Months Tens
45	0	2	2
46	0	4	0 Unused bits
47	0	8	0
48	1 Hours Units	1 Hours Units	1 Hours Units
49	2	2	2
50	4	4	4
51	8	8	8
52	0 Unused bits	0 Unused bits	1 Days Units
53	0	0	2
54	0	0	3
55	0	0	4
56	10 Hours Tens	10 Hours Tens	10 Hours Tens
57	20	20	20
58	0 Unused bits	0 Unused bits	0 Unused bits
59	0	0	0
60	0	10 Years tens	10 Days tens
61	0	20	20
62	0	40	40
63	0	80	0 Unused bit
64	0 Sync Word	0 Sync Word	0 Sync Word
65	0	0	0
66	1	1	1
67	1	1	1
68	1	1	1
69	1	1	1
70	1	1	1
71	1	1	1
72	1	1	1
73	1	1	1
74	1	1	1
75	1	1	1
76	1	1	1
77	1	1	1
78	0	0	0
79	1	1	1

Status bit a = radio station synchronisation MSF = '0', DCF = '1'

Status bit b = 0 = winter time, 1 = summer time

Status bit c = 0 = not locked to external source, 1 = locked to external source

Status bit d = 1 = advance warning of seasonal time change