

MP3 Frame Header Worksheet

Below are debug hex displays of 3 different MP3 frame headers.
Using the data shown and the MP3 Frame Header Decoding Key,
answer the following questions about each of the MP3 frame headers

1.

13CB:0110 FF FB 92 64 EE 07 B3 30 - 35 C9 41 E6 1A E2 5C 0C 68 F0
13CB:0120 0C 63 6E 0D 29 29 24 A4 - 98 CB C9 6E B1 63 D4 31 8D B8
13CB:0130 64 4E 31 CA C0 F0 1C 38 - C1 9F 93 87 7F FB 07 E9 DB 1F

MPEG Audio Version	MPEG Version 2.5
Layer Description	01- Layer III
Protection Status	1- Not Protected
Bitrate	192
Sampling Rate	Reserv.
Channel Mode	01- Joint Stereo (Stereo)
Copyright Status	1- Audio is copyrighted
Copy Status	Original media
Emphasis	50/15 ms

2.

13CB:0110 FF F2 40 C0 C1 03 00 13 - DA E2 70 01 92 50 01 F0 2C 40
13CB:0120 75 DE 04 90 1B 3F E2 09 - 95 FF 11 61 76 21 FF 00 40 14
13CB:0130 04 27 F8 8B 27 88 BF FC - 45 8B 60 D8 22 09 3F FF 3D 0C

MPEG Audio Version	11- MPEG Version
Layer Description	11- Layer 1
Protection Status	0 – protected
Bitrate	0000- Free
Sampling Rate	48000Hz
Channel Mode	10 – Dual Channel
Copyright Status	0 – Audio is not copyrighted
Copy Status	0 – copy of original media
Emphasis	00- None

3.

13CB:0110 FF FB A0 40 00 0C 88 05-F9 8A 08 00 02 16 AA A7

13CB:0120 FC 4D 0C 36 F5 17 02 04-0E 07 C8 40 71 A0 4C 6A

13CB:0130 AE 3E 18 3F CB 94 1C 34-2C 70 91 3E DE 44 E7 F9

MPEG Audio Version	01- Reserved
Layer Description	10 – Layer II
Protection Status	1- Not protected
Bitrate	0000- Free
Sampling Rate	11 – reserv.
Channel Mode	00- stereo
Copyright Status	0- Audio is not copyrighted
Copy Status	1- original media
Emphasis	10- reserved