45 46 49 20 50 41 52 54 00 00 01 00 5C 00 00 00

DF B3 48 24 00 00 00 00 01 00 00 00 00 00 00 00

AF 12 9E 3B 00 00 00 00 22 00 00 00 00 00 00 00

8E 12 9E 3B 00 00 00 00 F5 F3 1B 19 A5 7D A6 4E

A7 E2 75 71 A9 34 69 BD 02 00 00 00 00 00 00 00

80 00 00 00 80 00 00 00 C5 C0 45 85

1. **SIGNATURE:** This is used to recognize the GPT Header. This translates to EFI Part and is always at the start of the GPT partition.
2. **REVISION:** This represents the GPT Version.
3. **HEADER SIZE:** Represents the size of the GPT Header. It is always set to 5C 00 00 00 which translates to 92 in decimal.
4. **HEADER CRC32:** CRC32 checksum of the GPT header, If it is different from the original one, then it would mean that the GPT is tampered with or corrupted.
5. **RESERVED:** Reserved bytes that can be used in the future in case of any updates or future changes.
6. **CURRENT LBA:** Indicates the location of the GPT header, converting this into decimal would be 1, which means 1st sector.
7. **BACKUP LBA:** This field shows where the backup GPT Header is stored in the hard drive. The exact sector number.
8. **FIRST USABLE LBA:** Indicates the first address from which the partition can start on the disk.
9. **LAST USABLE LBA:** The last address to which the partitions can be written. Any partition cannot occupy any space after their last usable LBA(Logical Block Address).
10. **DISK GUID:** This represents the globally unique identifier of the disk.
11. **PARTITION ENTRY ARRAY LBA:** Start of the partition entry array.
12. **NUMBER OF PARTITION ENTRIES:** Number of partitions on the disk.
13. **SIZE OF EACH PARTITION:** Size occupied by each partition entry array. It is set to 80 00 00 00 which means 128 bytes of partition data.
14. **CRC32 PARTITION ARRAY:** CRC32 checksum of the whole partition entry array.

Rest of the bytes in sector 1 are filled with zeroes from byte 93 to 512.