- Service Discovery messages shall have a Return Code (8 bits) of 0x00 (E_OK).

⌋*()*

[TR_SOMEIP_00251] ⌈
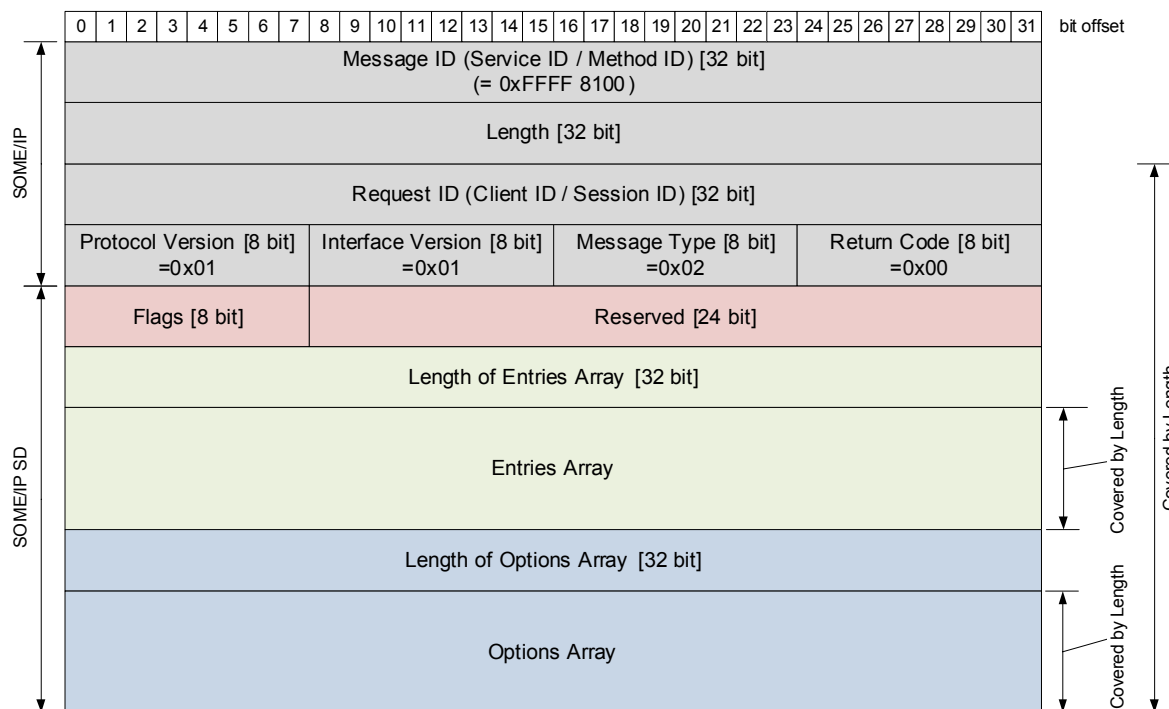

Figure 6.11: SOME/IP-SD Header Format

⌋*()*

6.7.3.2 SOME/IP-SD Header

[TR_SOMEIP_00252] ⌈ After the SOME/IP header the SOME/IP-SD Header shall follow as depicted in Figure 6.11. ⌋*()*

[TR_SOMEIP_00253] ⌈ The SOME/IP-SD Header shall start out with an 8 Bit field called Flags. ⌋*()*

[TR_SOMEIP_00254] ⌈ The first flag of the SOME/IP-SD Flags field (highest order bit) shall be called Reboot Flag. ⌋*()*

[TR_SOMEIP_00255] ⌈ The Reboot Flag of the SOME/IP-SD Header shall be set to one for all messages after reboot until the Session-ID in the SOME/IP-Header wraps around and thus starts with 1 again. After this wrap around the Reboot Flag is set to 0. ⌋*()*

[TR_SOMEIP_00256] ⌈ The information for the reboot flag and the Session ID shall be kept for multicast and unicast separately as well as for every sender-receiver-relation (i.e. source address and destination address). ⌋*()*