ACF CAN message fields as follows (from 1722 CL 10.4.3):

acf_msg_type: 7 bits; 0x01 (CAN), or 0x02 (CAN_BRIEF) ACF type (Table 22)

acf_msg_length: 9 bits; 0x05 (CAN) or 0x03 (CAN_BRIEF) number of quadlets (32 bit – or 4 bytes)

pad (padding length): 2 bits

mtv (message_timestamp valid): 1 bit (set to not_valid (0) in _BRIEF)

rtr (remote transmission request): 1 bit

eff (extended frame format): 1 bit ; 11 bit (0) or 29 bit (0) CAN ID

brs (bit rate switch): 1 bit ; CANbus bit rate switch

fdf (CAN Flexible Data-rate (FD) format): 1 bit

esi (error state indicator): 1 bit

rsv (reserved): 3 bits

can_bus_id: 5 bits; logical CAN bus – analogous to Ethernet VLANs (except it is physical)

(not in _BRIEF) message_timestamp: 8 octets

rsv (reserved): 3 bits

can_identifier: 29 bits; CAN payload identifier – each CAN_ID is both logical bus address/payload type.

can_msg_payload: 0 to 16 quadlets; 0 to 64 bytes. ; note CAN_ID implicitly note # of bytes sent.

ACF LIN message fields as follows (from 1722 CL 10.4.5):

acf_msg_type: 7 bits; 0x03 (LIN) ACF type (Table 22)

acf_msg_length: 9 bits; number of quadlets (32 bit – or 4 bytes)

pad (padding length): 2 bits

mtv (message_timestamp valid): 1 bit

lin_bus_id : 5 bits; analogous to Ethernet VLANs (except it is physical)

lin_identifier: 8 bits; each LIN_ID is defines payload type (including length)

message_timestamp: 8 octets (bytes)

lin_msg_payload: 0 to 2 quadlets (0 to 8 bytes)