always be specified. If a conformance point of certain SEI message is defined, then the processing order of such SEI message should also be specified.

[00022] Table 1 depicts an example to specify processing order among SEI messages. In this example, an "SEI messaging processing order" SEI message, a proposed new SEI message, may specify which SEI messages are part of the CVS where processing order matters, and their processing priority order. The SEI messages of interest are identified through their unique payload type (see Refs [1-4]).

Table 1: SEI processing order SEI message

sei_processing_order(payloadSize) {	**Descriptor**
po_num_sei_msg_types	u(16)
for(i = 0; i < num_sei_msg_types; i++) {	
po_sei_payload_type[i]	u(16)
po_sei_order[i]	u(8)
}	
}	

po_num_sei_msg_types specifies the number of types of SEI messages for which information is provided in the SEI processing order SEI message.

po_sei_payload_type[i] indicates the payload Type value of the i-th type of SEI message for which information is provided in the SEI processing order SEI message. The values of po_sei_payload_type[m] and po_sei_payload_type[n] shall not be identical when m is not equal to n.

po_sei_order[i] provides the absolute order of SEI messages with payload Type equal to po_sei_payload_type[i]. The values of po_sei_order[m] and po_sei_order[n] shall not be identical when m is not equal to n. If the values of po_sei_order[m] is less than the values of po_sei_order[n], the SEI message with po_sei_payload_type[m] is processed before the SEI message with po_sei_payload_type[n]

[00023] In Table 1, instead of the absolute **po_sei_order**[i] parameter, in an embodiment, one could also describe a relative order, as in po_sei_rel_order[i][j], where the order of SEI message *i* is defined relative to the order of SEI message *j*. For example, po_sei_rel_order[3][1]