

# Appendix A - SubmitSM Response Codes

Last Updated: Friday, January 8, 2021

Error Code	Hex Value	Decimal Value	Retryable	Reasons
ESME_RINVMS GLEN	0x00000 001	1	No	<ul style="list-style-type: none"> <li>Message Length is invalid.               <ul style="list-style-type: none"> <li>The <i>short_message</i> parameter, if utilized, should be between 1 and 140 bytes long. If long messages need to be sent, the Short Message Service Center (SMSC) supports concatenated messages using User Data Header (UDH) headers.</li> <li>If <i>message_payload</i> parameter is specified, it must be less than 1800 bytes AND the encoded character length must be 900 characters or less.</li> </ul> </li> </ul>
ESME_RINVCM DID	0x00000 003	3	No	<ul style="list-style-type: none"> <li>Invalid or Unsupported Command ID in the Protocol Data Unit (PDU).</li> </ul>
ESME_RALYBND	0x00000 005	5	No	<ul style="list-style-type: none"> <li>Bind the PDU received on a bind that is already bound.</li> </ul>
ESME_RSYSE RR	0x00000 008	8	Yes	<p>This error can be returned for both Bind and <i>SubmitSM</i> PDUs.</p> <ul style="list-style-type: none"> <li>Unable to access the Authentication service to authenticate the Bind credentials in a Bind PDU.</li> <li>Unable to access the Carrier Lookup service to determine the carrier for the Mobile Directory Number (MDN) when not set in a <i>SubmitSM</i> PDU.</li> <li>Other processing errors while processing Bind and <i>SubmitSM</i> PDUs.</li> </ul>
ESME_RINVSR CADR	0x00000 00A	10	No	<ul style="list-style-type: none"> <li>Shortcode formatted incorrectly.</li> </ul>
ESME_RINVDS TADR	0x00000 00B	11	No	<ul style="list-style-type: none"> <li>MDN formatted incorrectly.</li> </ul>
ESME_RBINDF AIL	0x00000 00D	13	No	<ul style="list-style-type: none"> <li>Invalid protocol version - only version 3.4 is supported.</li> <li>Exceeded the allowed number of Binds for the Bind Type.</li> </ul>
ESME_RINVPA SWD	0x00000 00E	14	No	<ul style="list-style-type: none"> <li>Invalid Password.</li> </ul>
ESME_RINVSY SID	0x00000 00F	15	No	<ul style="list-style-type: none"> <li>Invalid System ID.</li> </ul>
ESME_RTHRO TTLED	0x00000 058	88	Yes	<ul style="list-style-type: none"> <li>Exceeded the allowed throttle rate.</li> </ul>
ESME_RINVCA RRRIERID	0x00000 401	1025	No	<ul style="list-style-type: none"> <li>The <i>CarrierId</i> in the (Type Length Value) TLV is set to an invalid value.</li> <li><i>CarrierId</i> TLV not parseable.</li> </ul>
ESME_RUNAC ARRIERID	0x00000 402	1026	No	<ul style="list-style-type: none"> <li>MDN did not resolve to a supported carrier.</li> </ul>
ESME_RINVSR CADRNOTAUTH	0x00000 403	1027	No	<ul style="list-style-type: none"> <li>Not Authorized to send messages from the shortcode.</li> </ul>
ESME_RINVSR CADRNOROUTE	0x00000 404	1028	No	<ul style="list-style-type: none"> <li>Shortcode not provisioned for the carrier.</li> </ul>
ESME_RINVUD HIE	0x00000 405	1029	No	<p>Invalid Information Element Identifier in UDH header. The only supported UDH Information Elements (IE) types are the following:</p> <ul style="list-style-type: none"> <li>0x00: Concatenated messages with a 8 bit reference number.</li> <li>0x08: Concatenated messages with a 16 bit reference number.</li> </ul>
ESME_RINVDA TACODING	0x00000 406	1030	No	<p>Invalid data coding provided by the External Short Message Entity (ESME). Currently supported values are: <a href="#">0</a>, <a href="#">1</a>, <a href="#">4</a>, <a href="#">8</a>.</p>
ESME_RINVAL TDELIVERY	0x00000 407	1031	No	<p>Invalid value for the Vibes Alternate Delivery TLV.</p>

ESME_RALTD LNOTSUPPORT ED	0x00000 408	1032	No	Vibes Alternate Delivery TLV was set for a multi-part message. Alternate deliveries are not supported for multi-part messages.
ESME_RINVCO MPANYKEY	0x00000 409	1033	No	The company key in the TLV is set to an invalid value. Company key TLV is not parseable.