

### 5.1.3 command\_status

The *command\_status* field of an SMPP message response indicates the success or failure of an SMPP request. It is relevant only in the SMPP response message and should be set to NULL in SMPP request messages.

The SMPP Error status codes are returned by the SMSC in the *command\_status* field of the SMPP message header and in the *error\_status\_code* field of a *submit\_multi\_resp* message.

The complete set of SMPP Error Codes and their associated values are defined in the following table.

Error Code	Value	Description
ESME_ROK	0x00000000	No Error
ESME_RINVMSGLEN	0x00000001	Message Length is invalid
ESME_RINVCMDLEN	0x00000002	Command Length is invalid
ESME_RINVCMDID	0x00000003	Invalid Command ID
ESME_RINVBNDSTS	0x00000004	Incorrect BIND Status for given command
ESME_RALYBND	0x00000005	ESME Already in Bound State
ESME_RINVPRTFLG	0x00000006	Invalid Priority Flag
ESME_RINVREGDLVFLG	0x00000007	Invalid Registered Delivery Flag
ESME_RSYSERR	0x00000008	System Error
<i>Reserved</i>	0x00000009	Reserved
ESME_RINVSRCADR	0x0000000A	Invalid Source Address
ESME_RINVDSTADR	0x0000000B	Invalid Dest Addr
ESME_RINVMSGID	0x0000000C	Message ID is invalid
ESME_RBINDFAIL	0x0000000D	Bind Failed
ESME_RINVPASWD	0x0000000E	Invalid Password
ESME_RINVSYSID	0x0000000F	Invalid System ID
<i>Reserved</i>	0x00000010	Reserved
ESME_RCANCELFAIL	0x00000011	Cancel SM Failed
<i>Reserved</i>	0x00000012	Reserved
ESME_RREPLACEFAIL	0x00000013	Replace SM Failed

**Table 5-2: SMPP Error Codes**

Error Code	Value	Description
ESME_RMSGQFUL	0x00000014	Message Queue Full
ESME_RINVSERTYP	0x00000015	Invalid Service Type
<i>Reserved</i>	0x00000016- 0x00000032	Reserved
ESME_RINVNUMDESTS	0x00000033	Invalid number of destinations
ESME_RINVDLNAME	0x00000034	Invalid Distribution List name
<i>Reserved</i>	0x00000035- 0x0000003F	Reserved
ESME_RINVDESTFLAG	0x00000040	Destination flag is invalid ( <i>submit_multi</i> )
<i>Reserved</i>	0x00000041	Reserved
ESME_RINVSUBREP	0x00000042	Invalid 'submit with replace' request (i.e. <i>submit_sm</i> with <i>replace_if_present_flag</i> set)
ESME_RINVESMCLASS	0x00000043	Invalid <i>esm_class</i> field data
ESME_RCNTSUBDL	0x00000044	Cannot Submit to Distribution List
ESME_RSUBMITFAIL	0x00000045	<i>submit_sm</i> or <i>submit_multi</i> failed
<i>Reserved</i>	0x00000046- 0x00000047	Reserved
ESME_RINVSRCNPI	0x00000048	Invalid Source address TON
ESME_RINVSRCNPI	0x00000049	Invalid Source address NPI
ESME_RINVDSTTON	0x00000050	Invalid Destination address TON
ESME_RINVDSTNPI	0x00000051	Invalid Destination address NPI
<i>Reserved</i>	0x00000052	Reserved
ESME_RINVSYSTYP	0x00000053	Invalid <i>system_type</i> field
ESME_RINVREPFLAG	0x00000054	Invalid <i>replace_if_present</i> flag
ESME_RINVNUMMSGS	0x00000055	Invalid number of messages
<i>Reserved</i>	0x00000056- 0x00000057	Reserved
ESME_RTHROTTLED	0x00000058	Throttling error (ESME has exceeded allowed message limits)
<i>Reserved</i>	0x00000059- 0x00000060	Reserved

Table 5-2: SMPP Error Codes

Error Code	Value	Description
ESME_RINVSCHED	0x00000061	Invalid Scheduled Delivery Time
ESME_RINVEXPIRY	0x00000062	Invalid message validity period (Expiry time)
ESME_RINVDFTMSGID	0x00000063	Predefined Message Invalid or Not Found
ESME_RX_T_APPN	0x00000064	ESME Receiver Temporary App Error Code
ESME_RX_P_APPN	0x00000065	ESME Receiver Permanent App Error Code
ESME_RX_R_APPN	0x00000066	ESME Receiver Reject Message Error Code
ESME_RQUERYFAIL	0x00000067	<i>query_sm</i> request failed
<i>Reserved</i>	0x00000068 - 0x000000BF	Reserved
ESME_RINVOPTPARSTREAM	0x000000C0	Error in the optional part of the PDU Body.
ESME_ROPTPARNOTALLWD	0x000000C1	Optional Parameter not allowed
ESME_RINVPARLEN	0x000000C2	Invalid Parameter Length.
ESME_RMISSINGOPTPARAM	0x000000C3	Expected Optional Parameter missing
ESME_RINVOPTPARAMVAL	0x000000C4	Invalid Optional Parameter Value
<i>Reserved</i>	0x000000C5 - 0x000000FD	Reserved
ESME_RDELIVERYFAILURE	0x000000FE	Delivery Failure (used for <i>data_sm_resp</i> )
ESME_RUNKNOWNERR	0x000000FF	Unknown Error
<i>Reserved for SMPP extension</i>	0x00000100- 0x000003FF	Reserved for SMPP extension
<i>Reserved for SMSC vendor specific errors</i>	0x00000400- 0x000004FF	Reserved for SMSC vendor specific errors
<i>Reserved</i>	0x00000500- 0xFFFFFFFF	Reserved

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