

Table 2-14.155 - ASW1-ASW2 Converted to Message Codes

ASW1-ASW2 Range		Message Code	Text	
From	To		English	Danish ³⁾
'0000'	'0000'	'03'	Approved	Godkendt
'0001'	'0FFF'	'F3'	Technical failure	Teknisk fejl
'1000'	'10FA'	'03'	Approved	Godkendt
'10FB'	'10FB'	'0C'/'12' ¹⁾	Not accepted/Use MAG Stripe	Kan ikke anvendes/Brug magnetkortlæser
'10FC'	'10FC'	'11'	Use Chip Reader	Brug chipkortlæser
'10FD'	'10FD'	'0C'/'12' ¹⁾	Not accepted/Use MAG Stripe	Kan ikke anvendes/Brug magnetkortlæser
'10FE'	'10FE'	'03'	Approved	Godkendt
'10FF'	'10FF'	'0A'	Incorrect PIN	Forkert PIN
'1100'	'11FF'	'0F'	Processing error	Teknisk fejl
'1200'	'121F'	'07'	Declined	Afvist
'1220'	'1220'	'09'	Enter PIN	Indtast PIN
'1221'	'1221'	'0A'	Incorrect PIN	Forkert PIN
'1222'	'1222'	'11'	Use Chip Reader	Brug chipkortlæser
'1223'	'122F'	'0C'	Not accepted	Kan ikke anvendes
'1230'	'123F'	'41'	Invalid card	Ugyldigt kort
'1240'	'124F'	'43'	Expired card	Kort udløbet
'1250'	'125F'	'4D'	Incorrect amount	Forkert beløb
'1260'	'126F'	'70'	Insufficient funds ⁴⁾	Beløb for højt
'1270'	'1274'	'94' ²⁾	Suspected fraud	Mulig svindel
'1275'	'127F'	'E7'	Purchase interrupted	Købet er afbrudt
'1280'	'128F'	'F3'	Technical failure	Teknisk fejl
'1290'	'129F'	'F5'	Limit reached	Maksimum er udnyttet
'12A0'	'12AF'	'FF'	Invalid transaction	Ugyldig transaktion
'12B0'	'12BF'	'F7' ²⁾	Refer acquirer	Ring indløser
'12C0'	'12CF'	'95'	PIN exceeded	For mange PIN forsøg
'12D0'	'12DF'	'F9'	Invalid merchant	Ukendt forretning
'12E0'	'12EF'	'FA'	Card unknown	Kortet er ukendt
'12F0'	'12FF'	'FC'	Card/amount recorded	Kort/beløb noteret
'1300'	'130F'	'FD'	Identical purchase	Identisk køb udført
'1310'	'131F'	'FF'	Invalid transaction	Ugyldig transaktion
'1320'	'13FF'	'F3'	Technical failure	Teknisk fejl

Legend:

1) Message Code '12' shall only be displayed when the requirements stated in section 2-4.17 are fulfilled. Message Code '0C' and '12' should preferably be shown simultaneously, alternatively alternating.

2) For Message Code '94', '8F' and 'F7', see requirement 2-14.10.1.5.

3) For other languages see message codes in the different regional parts of section 2-15.

4) ASW '1016' must not be mapped here due to risk handling at UPT's.

Table 2-14.155 - ASW1-ASW2 Converted to Message Codes (*Continued*)

ASW1–ASW2 Range		Message Code	Text	
From	To		English	Danish
'1400'	'140F'	'0C'	Not accepted	Kan ikke anvendes
'1410'	'141F'	'AF'	Invalid currency	Ugyldig valuta
'1420'	'142F'	'EE'	Insert card again	Indlæs kort igen
'1430'	'14FF'	'F3'	Technical failure	Teknisk fejl
'1500'	'15FF'	'8F ⁽²⁾	Pick up card	Spærret – indrag
'1600'	'162F'	'13'	Try again	Prøv igen
'1630'	'163F'	'40'	System error, retry	Systemfejl prøv igen
'1640'	'164F'	'EE'	Insert card again	Indlæs kort igen
'1650'	'1650'	'F4'	Try again later	Prøv igen om lidt
'1651'	'165F'	'40'	System error, retry	Systemfejl prøv igen
'1660'	'16FF'	'F3'	Technical failure	Teknisk fejl
'1700'	'1701'	'06'	Card error	Kort fejl
'1702'	'1702'	'F3'	Technical failure	Teknisk fejl
'1703'	'171D'	'E7'	Purchase interrupted	Købet er afbrudt
'171E'	'176C'	'42'	Card out of order	Kortet virker ikke
'176D'	'176F'	'F3'	Technical failure	Teknisk fejl
'1770'	'177F'	'FA'	Card unknown	Kortet er ukendt
'1780'	'179F'	'F3'	Technical failure	Teknisk fejl
'17A0'	'17AF'	'FF'	Invalid transaction	Ugyldig transaktion
'17B0'	'17FF'	'F3'	Technical failure	Teknisk fejl
'1800'	'182F'	'F3'	Technical failure	Teknisk fejl
'1830'	'184F'	'11'	Use Chip Reader	Brug chipkortlæser
'1850'	'187F'	'07'	Declined	Afvist
'1880'	'18EF'	'F3'	Technical failure	Teknisk fejl
'18F0'	'18F0'	'03'	Approved	Godkendt
'18F1'	'18F1'	'F3'	Technical failure	Teknisk fejl
'18F2'	'18F2'	'07'	Declined	Afvist
'18F3'	'18F3'	'0C'	Not accepted	Kan ikke anvendes
'18F4'	'18F4'	'41'	Invalid card	Ugyldigt kort
'18F5'	'18F5'	'70'	Insufficient funds	Beløb for højt
'18F6'	'18F6'	'E7'	Purchase interrupted	Købet er afbrudt
'18F7'	'18F7'	'FA'	Card unknown	Kortet er ukendt
'18F8'	'18F8'	'FC'	Card/amount recorded	Kort/beløb noteret
'18F9'	'18FF'	'AF'	Invalid currency	Ugyldig valuta

Table 2-14.155 - ASW1-ASW2 Converted to Message Codes (*Concluded*)

ASW1-ASW2 Range		Message Code	Text	
From	To		English	Danish
'1900'	'1B85'	'F3'	Technical failure	Teknisk fejl
'1B86'	'1B86'	'E7'	Purchase interrupted	Købet er afbrudt
'1B87'	'1BF1'	'F3'	Technical failure	Teknisk fejl
'1BF2'	'1BF2'	'E7'	Purchase interrupted	Købet er afbrudt
'1BF3'	'1C3F'	'F3'	Technical failure	Teknisk fejl
'1C40'	'1C4F'	'AF'	Invalid currency	Ugyldig valuta
'1C50'	'1CF2'	'E7'	Purchase interrupted	Købet er afbrudt
'1CF3'	'FFFF'	'F3'	Technical failure	Teknisk fejl

Legend:

- 1) Message Code '12' shall only be displayed when the requirements stated in section 2-4.17 are fulfilled. Message Code '0C' and '12' should preferably be shown simultaneously, alternatively alternating.
- 2) For Message Code '94', '8F' and 'F7', see requirement 2-14.10.1.5.

Table 2-14.156 - Approved/Successful

ASW1-ASW2	APACS	Meaning	Description
'0000'	0000	Successful	No further action

Table 2-14.157 - Approved/Successful - Action Requested

ASW1-ASW2	APACS	Meaning	Description
'1000'	-	Configuration required	The terminal must configure the PSAM application as part of the start-up processing.
'1001'	-	Install transaction required	The terminal must perform an Install transaction and re-start the PSAM
'1002'	-	Restart required	Prior to sending any new Initiate Transaction commands, the terminal must perform the following actions: · Complete all outstanding transactions · Start-up the PSAM.
'1003'	-	New Data available	This ASW1-ASW2 may be received in the response to e.g. the <i>Start-up PSAM</i> command and PSAM Update command. The terminal shall send the <i>Get Supported AIDs</i> , <i>Get Debit/Credit Properties</i> ('0009') and <i>Get MSC Table</i> commands.
'1010'	0003	Approved (VIP)	-
'1011'	0007	Approved, update ICC	-
'1012'	0060	Approved (National use)	Account service-limit-alarm
'1013'	0061	Approved (National use)	Card service-limit-alarm
'1014'	0063	Approved (National use)	Approved but suspected fraud
'1015'	0064	Approved (National use)	Approved without financial impact
'1016'	0065	Approved (National use)	Approved but not authorized by Issuer
'101F'		Exception rule successful	-
'1020'		No issuer response	-
'1021'		Processing Condition Table (PCT) inconsistent	Processing Condition Table in PSAM is not consistent (missing either header or body)
'1022'		Extended Authorization interrupted	The Extended Authorization has deliberately been interrupted after the Card Reference has been delivered to the terminal.
'1023'		KEY _{CDP} not present	Card Data Protection
'1030'	-	No CVM performed successfully	-
'1031'	-	Offline PIN validation failed	-
'1032'	-	PAN mismatch	Application PAN is not equal to the PAN in Track 2 Equivalent Data
'1033'	-	Requested transaction not found	May be returned when performing Last Transaction Check (Get D/C Properties)
'1034'	-	Format error in host message, offline approved	Despite format error in the host message, the transaction is approved offline
'1035'	-	Amount exceeds offline ceiling	-
'1036'	-	Amount exceeds ceiling	-
'1037'	-	Expiry Check not performed by terminal	Track2 validation
'1038'	-	Service Code not interpreted	Track2 validation

Table 2-14.157 - Approved/Successful - Action Requested (*continued*)

ASW1-ASW2	APACS	Meaning	Description
'1039'	-	Checksum error	-
'103A'	-	Checksum error – Service Record generated	-
'103F'	-	Statistics data removed due to maximum envelope data	Response to <i>Cmplete Payment</i> command
'1040'	-	Envelope data exceeds the capability of the PSAM version	May be returned when Identifier = 8000 in the <i>Set Debit/Credit Properties</i> (Issuer Envelope)
'1041'	-	Delivery of data for the envelope is too late	The transaction has passed the point where the data in the envelope could be delivered
'1042'	-	Format error while sending data in the envelope	-
'1043'	-	Service Pack not supported by PSAM	Service Pack No. presented in the Exchange Debit/Credit Static Information exceeds the Service Pack(s) supported by the PSAM
'1044'	-	Merchant Application Log failed	It was not possible to store a backup message in the Merchant Application Log
'1057'	-	AIP does not indicate DDA	Contactless
'1058'	-	Mandatory data is missing 1	-
'1059'	-	Redundant data objects (command)	Redundant primitive data objects read in the command
'105A'	-	Thread unknown (soft)	Only applicable for the <i>Complete & Set Debit/Credit Properties</i> command
'105F'	-	Length of modulus does not match Issuer Certificate	-
'1060'	-	Issuer Certificate format error	Certificate Format is not equal to '02'
'1061'	-	Issuer Certificate invalid	-
'1062'	-	Issuer Identification Number mismatch	Issuer Identification Number does not match the relevant part of the PAN
'1063'	-	Card Certificate format error	-
'1064'	-	ICC Certificate PAN mismatch	Recovered PAN is different from Application PAN
'1065'	-	DDOL Tag error	-
'1066'	-	Length of modulus does not match Card Certificate	-
'1067'	-	DAD format error	-
'1068'	-	ICC PIN Certificate PAN mismatch	-
'1069'	-	Missing Signed Dynamic Application Data	Tag '9F4B' not present
'106A'	-	Length of modulus does not match SDA data	-
'106B'	-	SDA/DDA source error	-
'106C'	-	SDA Tag error	-
'106D'	-	SDA format error	-
'106E'	-	AID length error	The length of the AID does not match the expected length for EMV transaction

Table 2-14.157 - Approved/Successful - Action Requested (*continued*)

ASW1-ASW2	APACS	Meaning	Description
'106F'	-	Length of ICC Public Key Modules does not match Signed Dynamic Application Data	
'1070'	-	Issuer Certificate expired	-
'1071'	-	Card Certificate expired	-
'1072'	-	Key mismatch	The PSAMs Certification Authority Public Key Index is not equal to VPKI _{IEP} from card record
'1073'	-	Issuer Certificate algorithm not supported	-
'1074'	-	Issuer Certificate hash algorithm not supported	-
'1075'	-	Issuer Certificate hash result invalid	-
'1076'	-	Card Certificate hash algorithm not supported	-
'1077'	-	Card Certificate algorithm not supported	-
'1078'	-	Card Certificate hash result invalid	-
'1079'	-	DAD hash algorithm not supported	-
'107A'	-	DAD hash result invalid	-
'107B'	-	SDA hash algorithm not supported	-
'107C'	-	SDA hash result invalid	-
'107D'	-	Length of modulus does not match ICC PIN Certificate	-
'107E'	-	ICC PIN Certificate format error	-
'107F'	-	ICC PIN Certificate expired	-
'1080'	-	ICC PIN Certificate invalid	-
'1081'	-	ICC PIN Certificate hash algorithm not supported	-
'1082'	-	ICC PIN Certificate algorithm not supported	-
'1083'	-	ICC PIN Certificate hash result invalid	-
'1084'	-	PIN try counter not readable	Format of the Get Data response is incorrect
'1085'	-	Available Offline Spending Amount not readable	Format of the Get Data response is incorrect
'1086'	-	Length of modulus does not match ICC PKC	
'1087'	-	Script command syntax error	
'1088'	-	TLV error in proprietary record	
'1089'	-	Script Tag error	A tag found in the script that is neither '9F18' nor '86'
'1090'	-	Unpredictable Number missing in CDOL	CDOL1 & CDOL2 (CDA specific)
'1091'	-	Cryptogram Information Data (plaintext & signed) mismatch	CDA specific
'1092'	-	Hash (Signature) wrong	CDA specific
'1093'	-	Hash (Transaction Data) wrong	CDA specific

Table 2-14.157 - Approved/Successful - Action Requested (*continued*)

ASW1-ASW2	APACS	Meaning	Description
'1094'	-	Header/Trailer format error	CDA specific
'1095'	-	Expired Card	Retrieve Card Data command
'10AB'	-	PTS activated	The PSAM acknowledge that PTS is to be used
'10AC'	-	Conditional successful	Terminal Settings
'10CA'	-	Data not available	Requested data from the host are not available
'10CB'	-	PIN Pad PK record not found	Unable to retrieve the PIN Pad Public Key Record
'10CC'	-	PSAM Certificate error	PIN Pad rejects PSAM Public Key Certificate due to format error
'10CD'	-	Hash algorithm not supported	Indicated hash algorithm not supported by the PIN Pad
'10CE'	-	PSAM PK algorithm not supported	Indicated Public Key algorithm not supported by the PIN Pad
'10CF'	-	Hash result invalid	Hash computed by the PIN Pad is not identical with the hash in certificate
'10D0'	-	RSA key mismatch	VKP _{CA, PSAM} is not recognized
'10D1'	-	PSAM identifier not recognized	PSAM is not known by the PIN Pad
'10D2'	-	Signature error	The signature PS can not be verified
'10D3'	-	PPC Certificate format error	PIN Pad Creator certificate format error
'10D4'	-	PPC Certificate ID mismatch	PIN Pad Certificate ID mismatch
'10D5'	-	PPC Certificate expired	PIN Pad Creator certificate Expired
'10D6'	-	PPC Certificate hash algorithm not supported	PIN Pad Creator certificate hash algorithm not supported
'10D7'	-	PPC Certificate algorithm not supported	PIN Pad Creator certificate algorithm not supported
'10D8'	-	PPC Certificate hash result invalid	PIN Pad Creator certificate hash result invalid
'10D9'	-	PP Certificate format error	PIN Pad certificate format error
'10DA'	-	PP Certificate hash algorithm not supported	PIN Pad certificate hash algorithm not supported
'10DB'	-	PP Certificate ID mismatch	PIN Pad Certificate ID mismatch
'10DC'	-	PP Certificate expired	PIN Pad certificate Expired
'10DD'	-	PP Certificate algorithm not supported	PIN Pad certificate algorithm not supported
'10DE'	-	PP Certificate hash result invalid	PIN Pad Creator certificate hash result invalid
'10DF'	-	PP Certificate Creator ID mismatch	PIN Pad Creator ID mismatch
'10E0'	-	PIN Pad table full	No more PIN Pad entries available
'10E1'	-	Wrong LPKM in certificate record	Length of Public Key modulus not equal to the length of the CA key
'10E2'	-	Wrong record tag in certificate record	-
'10E3'	-	Wrong data length in certificate record	-
'10E4'	-	PIN Pad not synchronised	-
'10E5'	-	Tag error 1	-
'10E6'	-	Tag error 2	-
'10E7'	-	Tag length error 1	-
'10E8'	-	Tag length error 2	-

Table 2-14.157 - Approved/Successful - Action Requested (*concluded*)

ASW1–ASW2	APACS	Meaning	Description
'10E9'	–	ICC and Terminal have different Application Versions	–
'10EA'	–	Requested Service not allowed for card product	–
'10EB'	–	Application not yet effective	–
'10EC'	–	Expired Application	–
'10ED'	–	Identifier not supported	–
'10EE'	–	Wrong input parameter length	–
'10EF'	–	AID not found in AID Table	–
'10F0'	–	PAN not found in MSC Table	–
'10F1'	–	Syntax error (input data)	–
'10F2'	–	Local PIN disabled	Get Debit/Credit Properties
'10F3'	–	Luhn check digit incorrect	–
'10F4'	–	PAN–length not according to table–entry	–
'10F5'	–	Identifier not allowed for this transaction	Get Debit/Credit Properties
'10F6'	–	Unknown Track3	Get Debit/Credit Properties
'10F7'	–	Extended Issuer Envelope not supported according to Terminal Settings	Set Debit/Credit Properties
'10FB'	–	Fallback allowed	See conditions in section 2–4.17
'10FC'	–	Use Chip Reader	Fallback to other technology (Contactless)
'10FD'	–	RFU (Fallback handling)	–
'10FF'	–	Incorrect PIN, next CVM selected	Display message code '0A' "Incorrect PIN" for 6 seconds

Table 2-14.158 - Error - Action Requested

ASW1-ASW2	APACS	Meaning	Description
'1100'	-	Start-up PSAM command required	The terminal must perform the following actions: · Complete all outstanding transactions · Start-up the PSAM.
'1101'	-	Restart required	The terminal must perform the following actions: · Complete all outstanding transactions · Reset (e.g. power off/power on). · Start-up the PSAM
'1110'	-	Outstanding transaction must be completed	Command cannot be performed while transactions are in progress. Terminal must complete all outstanding transactions and resubmit command.
'1111'	-	Command out of sequence	Indicates that the PSAM's "state" for the ID-THREAD is not correct for the command. For example, the ID _{THREAD} in an EMV Payment command must indicate a transaction that has previously been initiated.
'1120'	-	Data incorrect	The data sent in the command from the MAD-Handler were incorrect.
'1121'	-	State error	-
'1122'	-	INS not supported	-
'1123'	-	Chain error	-
'1124'	-	KCV error	-
'1125'	-	Segment no. error	-
'1126'	-	Too many segments	-
'1127'	-	PKx too long	-
'1128'	-	Wrong length for this Tag	-
'1129'	-	Hash error	-
'112A'	-	Parity error	-
'112B'	-	Tag out of range	-
'112C'	-	Syntax error in date	-
'112D'	-	Segment too short	-
'112E'	-	Tag changed between segments	-
'112F'	-	L _c error	The length field L _c does not match the actual length
'1130'	-	LEN _{APDU} error	The length field LEN from the APDU does not match the actual length
'1131'	-	MAC error in command	-
'1132'	-	MDOL2 data present	MDOL2 data is not expected
'1133'	-	MDOL1 data missing	-
'1134'	-	MDOL2 data missing	-
'1135'	-	Counter number out of range	-
'1136'	-	CK _{TOKEN} Key is missing	-
'1137'	-	LEN _{MDOL} error	-
'1138'	-	Cryptogram Information Data (plaintext & signed) mismatch	CDA specific
'1139'	-	Hash (Signature) wrong	CDA specific
'113A'	-	Hash (Transaction Data) wrong	CDA specific

Table 2-14.158 - Error - Action Requested (*continued*)

ASW1-ASW2	APACS	Meaning	Description
'113B'	-	Header/Trailer format error	CDA specific
'1140'	-	Data Store Handler must be opened	The terminal must resolve the problem by sending the Open Handler message to the Data Store Handler.
'1141'	-	Data Store full	Some data must be sent to the acquirer and deleted from the Data Store before processing can be continued.
'1142'	-	Duplicate File IDs	Indicates that there were duplicate file identifiers in the Configure PSAM command. The terminal must provide unique file identifiers for every file.
'1143'	-	Invalid File ID	Indicates that the Data Store Handler Rejected a command for a file identifier originally provided by the terminal in the Configure PSAM command.
'1144'	-	Total Issuer Envelope Data exceeds buffer size	-
'1145'	-	Extended Issuer Envelope not supported according to Terminal Settings	Terminal Settings shall indicate that Extended Issuer Envelope is supported
'1146'	-	Syntax error in Exception Rule Authorization Code	2 nd Check Stop List
'1147'	-	Exception Rule rejected due to the Stop List Status	2 nd Check Stop List
'1150'	-	PSAM deactivated	The PSAM is not in an operational state. The PSAM is irreversible deactivated.
'1151'	-	PSAM busy – Try later	The PSAM resources required to process the command are in use. The terminal may retry the command later.
'1152'	-	Deactivation rejected	Contact the acquirer
'1153'	-	PSAM disabled	-
'1154'	-	Illegal PSAM Life Cycle	-
'1155'	-	Entry number out of range	-
'1156'	-	PSAM not operational	Operational data is missing
'1157'	-	Date older	Date received in the update command is older than the present one in the PSAM
'1158'	-	Thread unknown	Thread does not match the thread issued in the initialize command
'1159'	-	Memory failure	-
'115A'	-	PSAM busy – Active threads	Complete active threads before re-issuing the command
'115B'	-	Version obsolete	The version of the Processing Condition Table is obsolete
'115C'	-	Record length error	The record length of the Processing Condition does not match Update length
'115D'	-	CVM List formatting error	E.g. odd number of bytes
'115F'	-	PTS Tag 9B error	-
'1160'	-	Tag format error	-
'1161'	-	Missing AIP	Application Interchange Profile is missing
'1162'	-	Missing AFL	Application File Locator is missing
'1163'	-	Length of AFL is not a multiple of four	-
'1164'	-	AFL byte error	-

Table 2-14.158 - Error - Action Requested (*continued*)

ASW1-ASW2	APACS	Meaning	Description
'1165'	-	Tag 70 is missing	Application Elementary File (AEF) Data Template is missing
'1166'	-	Tag 70 length error	Application Elementary File (AEF) Data Template length error
'1167'	-	SFI range error	Short File Identifier is not in the range from 10 to 30.
'1168'	-	Redundant data objects	-
'1169'	-	Mandatory data is missing 2	-
'116A'	-	Tag error 1	-
'116B'	-	Tag error 2	-
'116C'	-	Tag length error 1	-
'116D'	-	Tag length error 2	-
'116E'	-	FCI data is missing	-
'116F'	-	DOL data out of range	-
'1170'	-	Account Type format error	Account Type has not the value 00, 10, 20 or 30
'1171'	-	Timestamp is old	Patch Update (Header & Body)
'1172'	-	FWVersion _{BASE} not found	Patch Update (Header & Body)
'1173'	-	RunVersion _{TARGET} not found	Patch Update (Header)
'1174'	-	FWVersion _{BASE} changed	Patch Update (Header & Body)
'1175'	-	RunVersion _{TARGET} changed	Patch Update (Header & Body)
'1176'	-	Operational Status changed	Patch Update (Header & Body)
'1177'	-	TOTAL _{BODY} out of range	Patch Update (Header)
'1178'	-	Not possible to switch to any operational version	Patch Update (Header & Body)
'1179'	-	Body no. out of range	Patch Update (Body)
'117A'	-	Addresses out of range	Patch Update (Body)
'1180'	-	Mismatch between POS Entry Mode and Card Data Source	-
'1181'	-	Unknown Data Request	Data requested in the <i>Get Merchant Data</i> command are unknown
'1182'	-	Card Data Source error	-
'1183'	-	Card Handler error – No information given	-
'1184'	-	Card Reader must be opened	The terminal must resolve the problem by sending the Open Handler message to the Processor Card Reader.
'1185'	-	Token not expected	The transaction does not allow a token as card data
'1186'	-	Token missing	The transaction requires a token as card data
'1187'	-	Amount missing	The cardholder has not accepted the amount
'1188'	-	Unknown Transaction Type	-
'1189'	-	Track2 missing	-
'118A'	-	Invalid MI request	-
'118B'	-	Authentication error (MAC validation failed)	-

Table 2-14.158 - Error - Action Requested (*continued*)

ASW1-ASW2	APACS	Meaning	Description
'118C'	-	LEN _{STAT} error	-
'118D'	-	Amount format error	-
'118E'	-	Invalid Token Format	-
'118F'	-	Invalid Token	-
'1190'	-	Incorrect padding for encipherment	-
'1191'	-	Mismatch between Token Info and Token Transaction Data	-
'1192'	-	POS Entry Mode invalid for this Token	-
'1193'	-	Cash or cashback not supported by the terminal	Additional Terminal Capabilities does not indicate that Cash or cashback is supported
'1194'	-	PSAM Cash functionality not enabled	
'1195'	-	Goods or Services not supported by the terminal	
'1196'	-	Option not supported	Requested option is not supported by the PSAM
'1197'	-	Invalid SW1-SW2 format	SW1-SW2 returned from the card is outside the valid range
'11C0'	-	Wrong PIN Pad ID	-
'11C1'	-	Key Check Value not identical	Synchronisation necessary. <i>Start-up PSAM</i> command shall be issued after the <i>Complete Payment</i> command
'11C2'	-	Secure Device not in PIN Entry State	-
'11C3'	-	Termination failed	-
'11C4'	-	Length of modulus does not match	-
'11C5'	-	ICC PIN certificate format error	-
'11C6'	-	ICC PIN certificate expired	-
'11C7'	-	ICC PIN certificate invalid	-
'11C8'	-	ICC PIN certificate hash algorithm not supported	-
'11C9'	-	ICC PIN certificate algorithm not supported	-
'11CA'	-	ICC PIN certificate hash result invalid	-
'11CB'	-	PIN Pad PK record not found	Unable to retrieve the PIN Pad Public Key Record
'11CC'	-	PSAM Certificate error	PIN Pad rejects PSAM Public Key Certificate due to format error
'11CD'	-	Hash algorithm not supported	Indicated hash algorithm not supported by the PIN Pad
'11CE'	-	PSAM PK algorithm not supported	Indicated Public Key algorithm not supported by the PIN Pad
'11CF'	-	Hash result invalid	Hash computed by the PIN Pad is not identical with the hash in certificate
'11D0'	-	RSA key mismatch	VKP _{CA, PSAM} is not recognized
'11D1'	-	PSAM identifier not recognized	PSAM is not known by the PIN Pad
'11D2'	-	Signature error	The signature PS can not be verified

Table 2-14.158 - Error - Action Requested (*concluded*)

ASW1-ASW2	APACS	Meaning	Description
'11D3'	-	PPC Certificate format error	PIN Pad Creator certificate format error
'11D4'	-	PPC Certificate ID mismatch	PIN Pad Certificate ID mismatch
'11D5'	-	PPC Certificate expired	PIN Pad Creator certificate Expired
'11D6'	-	PPC Certificate hash algorithm not supported	PIN Pad Creator certificate hash algorithm not supported
'11D7'	-	PPC Certificate algorithm not supported	PIN Pad Creator certificate algorithm not supported
'11D8'	-	PPC Certificate hash result invalid	PIN Pad Creator certificate hash result invalid
'11D9'	-	PP Certificate format error	PIN Pad certificate format error
'11DA'	-	PP Certificate hash algorithm not supported	PIN Pad certificate hash algorithm not supported
'11DB'	-	PP Certificate ID mismatch	PIN Pad Certificate ID mismatch
'11DC'	-	PP Certificate expired	PIN Pad certificate Expired
'11DD'	-	PP Certificate algorithm not supported	PIN Pad certificate algorithm not supported
'11DE'	-	PP Certificate hash result invalid	PIN Pad Creator certificate hash result invalid
'11DF'	-	PP Certificate Creator ID mismatch	PIN Pad Creator ID mismatch
'11E0'	-	PIN Pad table full	No more PIN Pad entries available
'11E1'	-	Wrong LPKM in certificate record	Length of Public Key modulus not equal to the length of the CA key
'11E2'	-	Wrong record tag in certificate record	-
'11E3'	-	Wrong data length in certificate record	-
'11E4'	-	PIN Pad not synchronised	-
'11E5'	-	Unknown state	-
'11E8'	-	Key mismatch (Token)	-
'11E9'	-	Length of modules does not match Token Certificate	-
'11EA'	-	Token Certificate format error	-
'11EB'	-	Token Certificate expired	-
'11EC'	-	Token Certificate hash algorithm not supported	-
'11ED'	-	Token Certificate algorithm not supported	-
'11EE'	-	Token certificate hash result invalid	-
'11EF'	-	CDOL1 error	-
'11F0'	-	CDOL2 error	-
'11F1'	-	TDOL error	-
'11F2'	-	Format error (Generate AC1 response)	-
'11F3'	-	Format error (Generate AC2 response)	-
'11F4'	-	Token length invalid	-
'11F5'	-	Token data hash result invalid	-
'11F6'	-	Length of ICC Public Key Modulus does not match Signed Dynamic Application Data	-

Table 2-14.159 - Declined

ASW1–ASW2	APACS	Meaning	Description
'1200'	1000	No further details	–
'1201'	1004	Restricted card	–
'1202'	1066	National Use	Cancellation cannot be accepted
'1203'	1061	National Use	
'1204'	–	Unknown Action Code	–
'1205'	–	Service is not allowed	–
'1206'	–	Service Code; Card not for international use	–
'1207'	–	Card on Stop List	–
'1208'	–	PI–Card Type not legal for this transaction request	–
'1209'	–	Forced CVM not allowed	–
'120A'	–	CVM not allowed	The requested CVM is not allowed
'120B'	–	Transaction declined by host	–
'120C'	1062	National Use	Unable to locate previous message
'120D'	1063	National Use	Data are inconsistent with original data
'120E'	–	Transaction declined by ICC	ICC returned AAC/AAR
'120F'	–	Voice authorization rejected	
'1210'	–	Cryptogram format error	PSAM request ARQC while ICC returns a TC
'1211'	–	Declined by Terminal/PSAM (TAC–Denial)	Corresponding TVR/TAC–Denial bits
'1212'	–	Declined by Terminal/PSAM (IAC–Denial)	Corresponding TVR/IAC–Denial bits
'1213'	–	Declined by Terminal/PSAM (TAC–Default)	Corresponding TVR/TAC–Default bits
'1214'	–	Declined by Terminal/PSAM (IAC–Default)	Corresponding TVR/IAC–Default bits
'1215'	–	Declined by Terminal/PSAM	E.g. due to mandatory data missing
'1216'	–	Only goods and services are allowed for this card	Position 3 of the Service Code dictates goods and services
'1217'	–	Post registration is not allowed	Either Post Purchase or Post refund is not allowed
'1218'	–	Accumulated Amount – Ceiling exceeded	BankAxept Exception Rule – 2 nd Check Stop List
'1219'	–	Accumulated Amount – Offline Ceiling exceeded	BankAxept Exception Rule – 2 nd Check Stop List
'1220'	1112	PIN data required	–
'1221'	1017/1117	Incorrect PIN	–
'1222'	–	Service Code; ICC to be used	–
'1223'	–	Key Entered transaction not allowed	–
'1224'	–	Fallback is not allowed	–
'1225'	–	Service not allowed	–
'1226'	–	CDA failed	–

Table 2-14.159 - Declined (*continued*)

ASW1-ASW2	APACS	Meaning	Description
'1230'	1064	National Use	Card entry found, but below low-range
'1231'	1065	National Use	PAN-length not according to table-entry
'1232'	1025	Card not effective	-
'1233'	-	Incorrect PAN length	-
'1234'	-	Luhn check digit incorrect	-
'1235'	-	Dankort check digit incorrect	Check digit (modulus 11) relevant for Dankort
'1236'	-	PAN mismatch	Application PAN is not equal to the PAN in Track 2 Equivalent Data
'1237'	-	Track2 Equivalent Data length error	Length exceeds 37 characters
'1240'	1001	Expired card	-
'1241'	1001	ICC Public Key Certificate expired	Certification Expiry Date exceeded
'1250'	1010	Invalid Amount	-
'1260'	1021	Exceeds withdrawal amount limit	-
'1261'		Amount exceeds ceiling	-
'1262'		Amount exceeds offline ceiling	-
'1270'	1002	Suspected fraud	-
'1271'	1029	Suspected counterfeit card	-
'1275'	-	Amount not confirmed/accepted	-
'1276'	-	Transaction interrupted	E.g. power failure
'1277'	-	Extended Authorization terminated	The Extended Authorization has been deliberately terminated after the Card reference has been delivered to the terminal
'1280'	1026	Invalid PIN block	-
'1281'	1027	PIN length error	-
'1282'	1028	PIN key synchronisation error	-
'1283'	-	Terminal Action Code (TAC) could not be selected	Parameters not fulfilled (Terminal Type, Terminal Capabilities, Transaction Type etc.)
'1290'	1023	Exceeds withdrawal frequency limit	-
'12A0'		Forced offline not allowed	Request for offline transaction is not accepted by the PSAM
'12A1'		Online transactions not allowed for this Terminal Type	-
'12A2'		Offline transactions not allowed for this Terminal Type	-
'12A3'		Invalid Terminal Type	Exchange Debit/Credit Static Information
'12A4'	1015	Cashback service not available from issuer	Issuer does not support cashback service
'12A5'		Illegal DCC transaction	E.g. zero amount
'12B0'	1003	Card acceptor contact acquirer	-
'12B1'	1005	Card acceptor call acquirers security department	-
'12B2'	1007	Refer to card issuer	
'12B3'	1008	Refer to card issuer's special conditions	
'12B4'	1013	Unacceptable fee	-

Table 2-14.159 - Declined (*concluded*)

ASW1-ASW2	APACS	Meaning	Description
'12B5'	1014	No account of type requested	–
'12B6'		Requested function not supported	–
'12B7'	1016	Not sufficient funds	–
'12B8'	1022	Security violation	–
'12B9'	1060	National Use	Invalid date
'12BA'	0001	Honour with identification	–
'12BB'	0002	Approved for partial amount	–
'12C0'	1006	Allowable PIN tries exceeded	–
'12D0'	1009	Invalid merchant	–
'12E0'	1011	Invalid card number	–
'12E1'	1018	No card record	–
'12E2'	–	Unknown card	AID/PAN does not match the AID list or MSC table
'12E3'	–	AID not supported	The AID in the command is not supported by the PSAM application. The terminal should send the <i>Get Supported AIDs</i> command to retrieve the list of supported AIDs.
'12E4'	–	AID error	The AID does not match the expected AID for EMV transaction
'12E5'	–	Token requires terminal supporting signature	Selectable Kernel Configurations
'12F0'	0062	Loyalty card accepted	Card and amount is recorded
'1300'	1067	National Use	Match on previous transaction
'1310'	1019	Transaction not permitted to cardholder	–
'1311'	1020	Transaction not permitted to terminal	–
'1312'	1024	Violation of law	–
'1313'	–	Supplementary Authorization not allowed	It is not allowed to perform a Supplementary Authorization when the Original/Extended Authorization has been performed offline.
'1314'	–	Cancellation can not be performed (No image)	Either because a Cancellation has been performed or previous transaction can not be cancelled.
'1315'	–	Cancellation can not be performed (Time-out)	
'1316'	–	Cancellation can not be performed (File in Data Store not to be found)	Either because a Cancellation has been performed or previous transaction can not be cancelled.
'1317'	–	Cancellation can not be performed (Advice could not be deleted)	The <i>Delete File Record</i> command was rejected by the Data Store Handler
'1320'	–	External authentication error	External authentication sent to the card was rejected
'1321'	–	No Selectable Kernel Configurations Data	Applicable when No CVM transactions is performed.
'1322'	–	Online transaction required for Cash-back	–
'1323'	–	Transaction Identifier not identical to the one presented previously	Contactless, Complete Contactless Payment

Table 2-14.160 - Declined, try again with other parameters

ASW1-ASW2	APACS	Meaning	Description
'1400'	-	Select other application	The terminal shall eliminate the current application from consideration and return to the application selection to select another application
'1410'	-	Currency not supported	The currency in the command is not supported by the PSAM application.
'1420'	-	Card not present	The terminal may prompt the cardholder to reinsert the card.

Table 2-14.161 - Declined - Pick up

ASW1-ASW2	APACS	Meaning	Description
'1500'	2000	No further details	-
'1501'	2001	Expired card	-
'1502'	2002	Suspected fraud	-
'1503'	2003	Card acceptor contact acquirer	-
'1504'	2004	Restricted card	-
'1505'	2005	Card acceptor call acquirer's security department	-
'1506'	2006	Allowable PIN tries exceeded	-
'1507'	2007	Special conditions	-
'1508'	2008	Lost card	-
'1509'	2009	Stolen card	-
'150A'	2010	Suspected counterfeit card	-
'150B'	-	Card on Stop List, pick-up requested	Merchant is requested to pick-up the card

Table 2-14.162 - Failed - Retry

ASW1-ASW2	APACS	Meaning	Description
'1600'	-	Condition of use not satisfied	This indicates that the pre-requisites to performing a particular action have not been met.
'1601'	5303	Re-enter transaction	-
'1602'	5304	Format error	-
'1603'/'1020'/'1618'	5406 ¹⁾	Cutover in progress	-
'1604'/'1020'	5407 ¹⁾	Card issuer or switch inoperative	-
'1605'	5408	Transaction destination cannot be found for routing	-
'1606'	5409	System malfunction	-
'1607'/'1020'	5410 ¹⁾	Card issuer signed off	-
'1608'/'1020'	5411 ¹⁾	Card issuer timed out	-
'1609'/'1020'	5412 ¹⁾	Card issuer unavailable	-
'160A'	5414	Not able to trace back to original transaction	-
'160B'/'1020'	5415 ¹⁾	Reconciliation cutover or checkpoint error	-
'160C'	5316	MAC incorrect	-
'160D'	5417	MAC key synchronisation error	-

Table 2-14.162 - Failed - Retry (*concluded*)

ASW1-ASW2	APACS	Meaning	Description
'160E'	5418	No communication keys available for use	-
'160F'	5419	Encryption key synchronisation error	-
'1610'	-	Key Entered data out of range	-
'1611'	5420	Security software/hardware error – try again	-
'1612'	5421	Security software/hardware error – no action	-
'1613'	5423	Request in progress	-
'1614'/'1020'	5445 ¹⁾	Private use	KIR time-out
'1615'	5484	National use	No valid conversion for a field value
'1616'	-	PIN not available	-
'1617'	-	Time-out	-
'1618'	5000	No Host Data received	-
'1619'	-	Illegal Terminal Identification	Contains characters not supported in the 'an' format
'162F'		***** Initial ASW (Reserved for internal use) *****	
'1630'	-	Invalid data received	-
'1631'	-	MTI error	-
'1632'	-	Bit map error	Primary Message bitmap is not as expected
'1633'	5304	STAN mismatch	-
'1634'	-	Time mismatch	-
'1635'	-	Date mismatch	-
'1636'	-	GMT offset mismatch	-
'1637'	-	Card Accepting Device mismatch	CAD ID received in the response is different from the CAD ID in the request
'1638'	-	PSAM Identifier error	-
'1639'	-	MAC validation failed	-
'163A'	-	MAD-Handler ID mismatch	MAD-Handler ID echoed is not the same
'163B'	-	Terminal Approval No. mismatch	Terminal Approval No. echoed is not the same
'1640'	-	No response from card	The terminal may attempt to reset the card, or prompt the cardholder to remove and reinsert the card.
'1641'	-	Track2 format error	-
'1642'	-	Track3 format error	-
'1650'	-	All entries in use – New thread cannot be started	The terminal should (re)send the <i>Exchange Debit/Credit Static Information</i> command to determine the maximum number of entries available in the PSAM.
'1651'	-	Fatal error	Entry Number written is higher than the actual number of entries
'1652'	-	Fatal command error	Command not possible to handle
Legend: ¹⁾ For Card Data Source = '00' (EMV), the APACS Action Code is converted to the ASW value '1020' (No issuer response). It is then up to the settings of TVR/TAC/IAC to determine whether the transaction shall proceed off-line or be rejected.			

Table 2-14.163 - Failed - No Retry

ASW1-ASW2	APACS	Meaning	Description
'1700'	-	Card error – No information given	-
'1701'	-	Data not found	Card error
'1702'	-	Previous transaction was not successful	During Start-up, the PSAM recognized an unfinished transaction in the entry
'1703'	-	Transaction declined by merchant/card-holder/terminal	-
'1704'	-	Signature rejected	Signature rejected by merchant
'1705'	-	Goods or services not delivered	Goods or services could not be delivered
'1706'	-	Invalid Transaction Status	Transaction Status not in allowed range
'1707'	-	Complete Payment not expected by PSAM, but performed	-
'176D'	-	Transaction Request illegal	The Transaction Request is not in the legal range
'176E'	-	LEN _{TRACK2} error	-
'1770'	6005	Acquirer not supported by switch	-
'1780'	6002	Invalid transaction	-
'1781'	-	Checksum error – blocked temporary	-
'1782'	-	Checksum error – blocked irreversibly	-
'1783'	-	PSAM set to non-operational after patch update	-
'1784'	-	KEY _{CDP} not present	Card Data Protection (CDP)
'1785'	-	KEY _{CDP} not loaded after Start-up PSAM	Card Data Protection (CDP)
'1786'	-	Decryption error	Card Data Protection (CDP)
'1787'	-	KEK _{CDP} not present	Card Data Protection (CDP)
'1788'	-	Undefined Key Type	Card Data Protection (CDP)
'17A0'	6013	Duplicate transmission	-
'17A1'	6022	Message number out of sequence	-
'17A2'	6050	Violation of business arrangement	-

Table 2-14.164 - Contactless/Loyalty - Technical failure

ASW1-ASW2	APACS	Meaning	Description
'1800'	-	Terminal error	-
'1801'	-	Pre-processing error	-
'1802'	-	PPSE error	-
'1803'	-	Select error	-
'1804'	-	Card present, but power-up fails	-
'1805'	-	Protocol activation error	-
'1806'	-	Terminal missing data	-
'1807'	-	Card not present/card removed	-
'1808'	-	Transaction aborted by application/merchant	-
'1809'	-	Previous transaction not finished	-
'1810'	-	Kernel error	-
'1811'	-	Offline declined	-

Table 2-14.165 - Contactless - Use Chip Reader

ASW1-ASW2	APACS	Meaning	Description
'1812'	-	ICC missing data	-
'1813'	-	ICC redundant data	-
'1814'	-	ICC data format error	-
'1815'	-	Use contact interface	-
'1816'	-	Expired certificate	-
'1817'	-	Revoked certificate	-
'1818'	-	Kernel not available	-
'1819'	-	Communication error	-
'181A'	-	Error in input parameters	-
'181D'	-	Error Code could not be mapped to ASW	-
'181E'	-	Mismatch between Error Code and Action Indicator (AI) value	-
'1830'	-	Cashback Amount changed	-
'1831'	-	DCC not allowed	-
'1832'	-	Increased Amount not allowed	-
'1833'	-	Decreased Amount not allowed	-
Reserved for local and loyalty cards			
'18F0'	-	Approved	
'18F1'	-	Technical failure	
'18F2'	-	Declined	
'18F3'	-	Not accepted	
'18F4'	-	Invalid card	
'18F5'	-	Insufficient funds	
'18F6'	-	Purchase interrupted	
'18F7'	-	Card unknown	
'18F8'	-	Card/amount recorded	
'18F9'	-	Invalid currency	

Table 2-14.166 - Error Response - RC related (Card Handler)

ASW1-ASW2	APACS	Meaning	Description
'1A21'	-	Output buffer overflow	Card Handler
'1A23'	-	Card did not respond	-
'1A24'	-	No card in reader	-
'1A25'	-	Unrecoverable Transmission Error	-
'1A26'	-	Card buffer overflow	-
'1A27'	-	Unrecoverable Protocol error	-
'1A28'	-	Response has no status words	-
'1A29'	-	Invalid buffer	-
'1A2A'	-	Other card error	-
'1A2B'	-	Card partially in reader	-
'1AF2'	-	Time-out	-
'1AF3'	-	Handler error	-
'1AF4'	-	Handler must be initialized	-
'1AF5'	-	Handler busy	-
'1AF6'	-	Insufficient resources	-
'1AF7'	-	Handler must be opened	-
'1AFB'	-	Unsupported operation	-

Table 2-14.167 - Error Response - RC related (User Interface Handler)

ASW1-ASW2	APACS	Meaning	Description
'1B34'	-	Unknown Message Code	-
'1B35'	-	Code Table not supported	-
'1B80'	-	No KCV available, KSES not present	-
'1B81'	-	Wrong PIN Pad ID	-
'1B82'	-	Authentication Error (MAC validation failed)	-
'1B83'	-	PSAM Identifier not recognized	-
'1B84'	-	Parameters out of range	-
'1B85'	-	Key check values not identical, synchronisation necessary	<i>Start-up PSAM</i> command shall be issued after the <i>Complete Payment</i> command
'1B86'	-	PIN not available	-
'1B87'	-	Secure Device not in PIN Entry State	-
'1B88'	-	Termination Failed	-
'1B89'	-	Record not found	-
'1B8A'	-	Signature Error	-
'1B8B'	-	Hash Error	-
'1B8C'	-	PSAM Certificate Error	-
'1B8D'	-	Hash algorithm not supported	-
'1B8E'	-	PSAM PK algorithm not supported	-
'1B8F'	-	Hash result invalid	-
'1B90'	-	RSA key mismatch. VKP _{CA} , PSAM not recognized	-
'1BF2'	-	Time-out	-
'1BF3'	-	Handler error	-
'1BF4'	-	Handler must be initialized	-
'1BF5'	-	Handler busy	-
'1BF6'	-	Insufficient resources	-
'1BF7'	-	Handler must be opened	-
'1BFB'	-	Unsupported operation	-

Table 2-14.168 - Error Response - RC related (Merchant Application Handler)

ASW1-ASW2	APACS	Meaning	Description
'1C40'	-	Invalid Currency	-
'1C41'	-	Invalid Currency Exponent	-
'1CF2'	-	Time-out	-
'1CF3'	-	Handler error	-
'1CF4'	-	Handler must be initialized	-
'1CF5'	-	Handler busy	-
'1CF6'	-	Insufficient resources	-
'1CF7'	-	Handler must be opened	-
'1CFB'	-	Unsupported operation	-
'1CFD'	-	Transaction interrupt request	-

Table 2-14.169 - Error Response - RC related (Data Store Handler)

ASW1-ASW2	APACS	Meaning	Description
'1D51'	-	Invalid File ID	-
'1D52'	-	Record too large	-
'1D53'	-	Search key too large	-
'1D55'	-	File could not be accessed	-
'1D57'	-	File read error	-
'1D58'	-	File write error	-
'1D59'	-	Search key already existing	-
'1DF2'	-	Time-out	-
'1DF3'	-	Handler error	-
'1DF4'	-	Handler must be initialized	-
'1DF5'	-	Handler busy	-
'1DF6'	-	Insufficient resources	-
'1DF7'	-	Handler must be opened	-
'1DFB'	-	Unsupported operation	-