

DISH Appendix G refers

“CA” MasterCard – 3DS Reference Table (TDSD)

Element Description	Attribute	Start
Point-of-Service Entry Mode	3 N	1
Card Sequence Number	3 N	4
Electronic Commerce Indicators	3 N	7
POS Terminal Attendance	1 N	10
POS Terminal Location	1 N	11
POS Cardholder Presence	1 AN	12
POS Card Presence	1 N	13
POS Card Capture Capabilities	1 N	14
POS Transaction Status	1 N	15
POS Transaction Security	1 N	16
Cardholder-Activated Terminal Level	1 N	17
POS Card Data Terminal Input Capability Indicator	1 N	18
POS Authorisation Lifecycle	2 N	19
Filler	79 AN	21

“VI” Visa – 3DS Reference Table (TDSD)

Element Description	Attribute	Start
Point-of-Service Entry Mode Code	2 N	1
Card Sequence Number	3 N	3
Point-of-Service Entry Condition Code	2 N	6
Response Code	2 AN	8
Additional POS Information	12 N	10
Authorisation Characteristics Indicator	1 N	22
Filler	77 AN	23

“AX” American Express – 3DS Reference Table (TDSD)

Element Description	Attribute	Start
Point-of-Service Data Code	12 AN	1
Electronic Commerce Indicator	2 AN	13
Filler	85 AN	15

DISH Appendix G refers

VI” VISA—TLV Reference Table (CATI)—Example

TAG	Description	Source Auth message or response 0100/0110	Convert to printable hex?
82	Application Interchange Profile	F55 Tag 82 or F138	Y
95	Terminal Verification Results	F55 Tag 95 or F131	Y
9A	Terminal Transaction Date	F55 Tag 9A or F146	Y
9C	Transaction Type	F55 Tag 9C or F144	Y
9F02	Cryptogram Amount	F55 Tag 9F02 or F147	Y
9F10	Issuer Application Data	F55 Tag 9F10 or F134 extended	Y
9F1A	Terminal Country Code	F55 Tag 9F1A or F145	Y
9F26	Application Cryptogram	F55 Tag 9F26 or F136	Y
9F33	Terminal Capability Profile	F55 Tag 9F33 or F130	Y
9F36	Application Transaction Counter	F55 Tag 9F36 or F137	Y
9F37	Unpredictable Number	F55 Tag 9F37 or F132	Y
9F5B	Issuer Script Results	F55 Tag 9F5B or F143	Y
9F6E	Form Factor Indicator	F55 Tag 9F6E	Y
X02201	Point-of-Service Entry Mode Code	F22-1	
X02300	Card Sequence Number	F23	
X02500	Point-of-Service Condition Code	F25	
X03900	Response Code	F39	
X06000	Additional POS Information	F60	
X06201	Authorisation Characteristics Indicator	F62-1	
X12618	Agent Unique Account Result	126-18	
X12620	Additional Authentication Method	126-20	
X12621	Additional Authentication Reason Code	126-21	

“CA” MasterCard—TLV Reference Table (CATI)—Example

TAG	Description	Source Auth message or response 0100/0110	Convert to printable hex?
82	Application Interchange Profile (AIP)	DE55 Tag 82	Y
95	Terminal Verification Results (TVR)	DE55 Tag 95	Y
9A	Terminal Transaction Date (YYMMDD)	DE55 Tag 9A	Y
9C	Transaction Type	DE55 Tag 9C	Y
9F02	Amount, authorized	DE55 Tag 9F02	Y
9F10	Issuer Application Data (IAD)	DE55 Tag 9F10	Y
9F1A	Terminal Country Code	DE55 Tag 9F1A	Y
9F1E	Interface Device (IFD) Serial Number	DE55 Tag 9F1E	
9F26	Application Cryptogram	DE55 Tag 9F26	Y
9F27	Cryptogram Information Data	DE55 Tag 9F27	Y
9F33	Terminal Capabilities	DE55 Tag 9F33	Y
9F34	Cardholder Verification Method (CVM) Result	DE55 Tag 9F34	Y
9F36	Application Transaction Counter (ATC)	DE55 Tag 9F36	Y
9F37	Unpredictable Number	DE55 Tag 9F37	Y
X02200	Point-of-Service Entry Mode	DE 22	
X02300	Card Sequence Number	DE 23	
X04842	Electronic Commerce Indicators	DE 48 subfield 42	
X06101	POS Terminal Attendance	DE 61 Subfield 1	
X06103	POS Terminal Location	DE 61 Subfield 3	
X06104	POS Cardholder Presence	DE 61 Subfield 4	
X06105	POS Card Presence	DE 61 Subfield 5	
X06106	POS Card Capture Capabilities	DE 61 Subfield 6	
X06107	POS Transaction Status	DE 61 Subfield 7	
X06108	POS Transaction Security	DE 61 Subfield 8	
X06110	Cardholder-Activated Terminal Level	DE 61 Subfield 10	
X06111	POS Card Data Terminal Input Capability Indicator	DE 61 Subfield 11	
X06112	POS Authorization Lifecycle	DE 61 Subfield 12	

“AX” American Express—TLV Reference Table (CATI)—Example

TAG	Description	Source Auth message or response 0100/0110	Convert to printable hex?
82	Application Interchange Profile	DF55 Tag 82	Y
95	Terminal Verification Results	DF55 Tag 95	Y
9A	Terminal Transaction Date	DF55 Tag 9A	Y
9C	Transaction Type	DF55 Tag 9C	Y
5F2A	Authorisation Currency Code	DF55 Tag 5F2A	Y
5F34	Application PAN Sequence Number	DF55 Tag 5F34	Y
9F02	Amount Authorized	DF55 Tag 9F02	Y
9F03	Amount, other	DF55 Tag 9F03	Y
9F10	Issuer Application Data	DF55 Tag 9F10	Y
9F1A	Terminal Country Code	DF55 Tag 9F1A	Y
9F26	Application Cryptogram	DF55 Tag 9F26	Y
9F27	Cryptogram Information Data	DE55 Tag 9F27	Y
9F36	Application Transaction Counter	DF55 Tag 9F36	Y
9F37	Unpredictable Number	DF55 Tag 9F37	Y
X02200	Point-of-Service Data Code	Data Field 22	
X06101	Electronic Commerce Indicator	Data 61 Subfield ECI	