



## Test Data Samples

May 18, 2016

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## Section 1: Standard Credit Card Transactions (Sierra Driver Triggers)

(NOTE: These triggers do not work with Amex Transactions)

Request Value	Response Code	Response Text	Response Misc	Conditions	Notes
\$0.00	85	Card OK			
\$0.01	01	Call			
\$0.02	02	Call			
\$0.03	28	No Reply			
\$0.04	91	No Reply			
\$0.05	04	Hold - Call			
\$0.06	07	Hold - Call			
\$0.07	41	Hold - Call			
\$0.08	43	Hold - Call			
\$0.09	06	Error (General)			
\$0.10	79	Already Reversed			
\$0.11	13	Amount Error			
\$0.12	83	Can't Verify PIN			
\$0.13	86	Can't Verify PIN			
\$0.14	14	Card No Error			
\$0.15	82	Incorrect CVV			
\$0.16	N3	Cashback Not Avl			
\$0.17	06	Error (General)			
\$0.18	EC	CID Format Error			Not applicable anymore due to CAPN
\$0.19	80	NO IMPACT			
\$0.20	05	Decline			
\$0.21	51	Decline			
\$0.22	N4	Decline			
\$0.23	61	Decline			
\$0.24	62	Decline			
\$0.25	65	Decline			
\$0.26	93	Decline			

Request Value	Response Code	Response Text	Response Misc	Conditions	Notes
\$0.27	81	Encryption Error			
\$0.28	06	Error XXXX			
<i>(For \$0.28, be sure to default IIID/RIID values to "9999" to provoke Direct Check Service Error Response.</i>					
<i>A production IIID/RIID will provoke a response of Error 06 "Check Response Text".)</i>					
\$0.29	54	Expired Card			
\$0.30	92	Invalid Routing			
\$0.31	12	Invalid Trans			
\$0.32	78	No Account			
\$0.33	21	No action taken			
\$0.34	76	Unsolic Reversal			
\$0.35	77	No action taken			
\$0.36	52	No Check Account			
\$0.37	39	No Credit Acct			
\$0.38	53	No Save Acct			
\$0.39	15	No Such Issuer			
\$0.40	75	PIN Exceeded			
\$0.41	19	RE-ENTER			
\$0.42	63	SEC Violation			
\$0.43	57	Serv Not Allowed			
\$0.44	58	Serv Not Allowed			
\$0.45	96	System Error			
\$0.46	03	Term ID Error			
\$0.47	55	Wrong PIN			

\$0.48	N7	CVV Mismatch			
\$0.50 (*)	VITALX	APPROVAL			
<b>Request Value</b>	<b>Response Code</b>	<b>Response Text</b>	<b>Response Misc</b>	<b>Conditions</b>	<b>Notes</b>
\$0.54	94	Duplicate Transaction	MTI 0100	MTI 0200	
\$0.96	R0	Stop Recurring			
\$0.97	R1	Stop Recurring			
\$1.12	05	Decline			
\$1.13	05	Decline			
\$1.30	00	Approval	No ACI Field Returned		Saratoga only
\$1.31	00	Approval	<Space> for the Returned ACI		
\$10.00	00	Approval			Regular approved transaction.
\$32.48	00	Approval	No Auth Code		
Greater Than 0	00	Approval	Value of "A" in G3V034	Must send G3V034	
\$32.53	00	Approval	Value of "AX" in G3V034	Must send G3V034	
\$32.54	00	Approval	Value of "B" in G3V034	Must send G3V034	
\$32.55	00	Approval	Value of "C" in G3V034	Must send G3V034	
\$32.57	00	Approval	"DI" sent in G3V034	Must send G3V034	
\$32.59	00	Approval	"G1" sent in G3V034	Must send G3V034	
\$32.60	00	Approval	"G2" sent in G3V034	Must send G3V034	
\$32.61	00	Approval	"H" sent in G3V034	Must send G3V034	

\$32.62	00	Approval	"I " sent in G3V034	Must send G3V034	
\$32.63	00	Approval	"J1" sent in G3V034	Must send G3V034	
\$32.64	00	Approval	"J2" sent in G3V034	Must send G3V034	
Request Value	Response Code	Response Text	Response Misc	Conditions	Notes
\$32.65	00	Approval	"J3" sent in G3V034	Must send G3V034	
\$32.66	00	Approval	"J4" sent in G3V034	Must send G3V034	
\$32.68	00	Approval	"K1" sent in G3V034	Must send G3V034	
\$32.69	00	Approval	"M " sent in G3V034	Must send G3V034	
\$32.70	00	Approval	"Q " sent in G3V034	Must send G3V034	
\$32.71	00	Approval	"Q1" sent in G3V034	Must send G3V034	
\$32.72	00	Approval	"I2" sent in G3V034	Must send G3V034	
\$32.73	00	Approval	"S1" sent in G3V034	Must send G3V034	
\$32.74	00	Approval	"S2" sent in G3V034	Must send G3V034	
\$32.75	00	Approval	"S3" sent in G3V034	Must send G3V034	
\$32.76	00	Approval	"T " sent in G3V034 "	Must send G3V034	
\$32.77	00	Approval	"U " sent in G3V034	Must send G3V034	
\$32.78	00	Approval	"G1" sent in G3V034	Must send G3V034	
\$32.82	00	Approval	"G3" sent in G3V034	Must send G3V034	
\$32.85	11	Approval			
\$32.86	00	Approval	F48 is set to	# Usage 9A Test	
\$0.51	00	Approval	"G " sent in G3V034	Must send G3V034	
\$0.52	00	Approval	"K " sent in G3V034	Must send G3V034	
\$0.53	00	Approval	"S " sent in G3V034	Must send G3V034	

\$444,444.44	00	Approval	"D " sent in G3V034	Must send G3V034	
\$11.12	00	Approval	"A " sent in G3V034	"N" sent in Field 62.25	"N" sent in G3 Ver 061
\$11.13	00	Approval	"A " sent in G3V034	"Q" sent in Field 62.25	"Q" sent in G3 Ver 061
<b>FOR TRAN AMOUNT 0.00</b>	<b>THE PAN</b>	<b>IS USED TO DETERMINE</b>	<b>THE VALUE of</b>	<b>Field 62.23</b>	<b>sent in G3V034</b>
<b>Request Value</b>	<b>Response Code</b>	<b>Response Text</b>	<b>Response Misc</b>	<b>Conditions</b>	<b>Notes</b>
Pan 40024000000000 02			"A "		
Pan 41111110567812 33			"B "		
Pan 44120000000004 42			"C "		
Pan 44120000000009 47			"G "		
Pan 44120000000059 53			"G1"		
Pan 44120000000559 58			"G2"		
Pan 44120000000059 61			"G3"		
Pan 44120000000039 66			"H "		
Pan 44120000000099 71			"K "		
Pan 44120000000029 76			"Q "		
Pan 44120000000089 81			"R "		

Pan 44120000000019 86			"S "		
Pan 44120000000019 94			"U "		
Pan 42120001240011 95			"C "		
DEFAULT (any other)			"A "		
\$32.80	00	Approval	FPI set to 191	Must be debit or debit reversal	
Request Value	Response Code	Response Text	Response Misc	Conditions	Notes
\$32.83	00	Approval	Fields 4, 49, 95 are	cleared from MTI 0420 txn.	
\$32.84	00	Approval	Fields 4, and 95 are	cleared from MTI 0420 txn.	
\$33.51	00	Approval	For MTI 0200 only	Approval Code = TAS00A	FPI = 191
\$33.52	00	Approval	For MTI 0200 only	Approval Code = TAS00B	FPI = 191
\$33.53	00	Approval	For MTI 0200 only	Approval Code = TAS00C	FPI = 191
\$33.54	00	Approval	For MTI 0200 only	Approval Code = TAS00D	FPI = 191
\$33.55	00	Approval	For MTI 0200 only	Approval Code = TAS00D	NO FPI IS RETURNED
\$33.56	00	Approval	For MTI 0100 only	ISO Field 20 is returned in 0110 Response	
\$33.61	00	Approval	0100 and 0200	Market Spec Data Id = B	
\$33.62	00	Approval	0100 and 0200	Market Spec Data Id = E	
\$33.63	00	Approval	0100 and 0200	Market Spec Data Id = M	
\$33.64	00	Approval	0100 and 0200	Market Spec Data Id = 0	
\$32.51	00	Approval	Value of 'A' in 3rd position of		

			Transaction ID		
\$33.50	No Response	No Response	No Response for Debit or Credit		
Any value that is NOT \$0.50	depends	Depends on amt used	FOR MTI 0200 DEBIT	Lookup BYTE POSITION 0 of SHARING	
	on amt used			GROUP IN the VAS_NET_ID Table. If found,	
NOT \$0.99 AND NOT \$1.33				Use the CORRESPONDING NET ID	
<b>Request Value</b>	<b>Response Code</b>	<b>Response Text</b>	<b>Response Misc</b>	<b>Conditions</b>	<b>Notes</b>
				FROM THE TABLE in Field 63.1 in 0210	
				RESPONSE . Defaults to 0003 if not found.	
\$50.22	00	Approval	Transaction ID is missing from message.		
\$50.23	00	Approval	Transaction ID is all zeros		

(\*) Used for a debit switching. The amount provokes the host into sending "V" as the sharing group indicator instead of "G". The POS Device should then change the transaction from a Debit trans code of 93 to credit card purchase - transaction code '54' in batch settlement.

## Section 2. 3D Secure Transactions

Request Value	Response Code	Result Code	Response Misc	Conditions	Notes
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\$0.80	00	<space> CAVV result code			
\$0.81	00	0' CAVV result code			
\$0.82	00	1' CAVV result code			
\$0.83	00	2' CAVV result code			
\$0.84	00	3' CAVV result code			
\$0.85	00	4' CAVV result code			
\$1.01	00	7' CAVV result code			
\$1.02	00	8' CAVV result code			
\$1.03	00	9' CAVV result code			
\$1.04	00	A' CAVV result code			
\$1.05	00	B' CAVV result code			
\$1.19	00	C' CAVV result code			
\$1.20	00	D' CAVV result code			

To generate a Returned ACI of S (CPS attempted for Preferred E-Commerce - 3D Secure) send 11 (40 1's) in the CAVV field, send "N" for Cardholder ID Code, @ for Account Data Source and be sure to send AVS (G3V017 will have a blank)

### Section 3. Commercial Card Group III Responses

Request Value	Response Code	Text Response			
<b>Visa - By Transaction Amt.</b>					
\$0.51	001B	VITAL X (approval)			Business Card
\$0.52	001R	VITAL X (approval)			Corporate Card
\$0.53	001S	VITAL X (approval)			Purchasing Card
\$0.86	001D	VITAL X (approval)			
\$33.57	001L	VITAL X (approval)			
<b>M/C - by Range</b>					
55250000000000054	001R	VITAL X (approval)			
54720600000000002	001B	VITAL X (approval)			
55500000000000003	001S	VITAL X (approval)			

**NOTE: Visa Infinite/ Visa Signature Card Auth. Transaction Amount Limits (Cert box testing only).** For testing, submit a Visa card for \$444,444.44 only!

**Large Ticket - Commercial Card** for testing, submit a Visa card for \$10,000,000.00 only!

## Section 4. Card Verification Value Test Responses

NOTE: Not applicable for AMEX

CVV2 Request Value	Vcode Response Code	Response Text	Response Code		
11 999 (Visa)	M	Vitalx (approval)			
11 998 (MasterCard)	M	Vitalx (approval)			
11 996 (Discover)	M	Vitalx (approval)			
11 996 (Diners)	M	Vitalx (approval)			
11 123 (Non-Amex)	N	CVV2 / CVC2 / CID MISM.	<b>N7</b>		
10 999 (VISA)	N/A	Vitalx (approval)			
10 998 (MasterCard)	N/A	Vitalx (approval)			
10 996 (Discover)	N/A	Vitalx (approval)			
10 996 (Diners)	N/A	Vitalx (approval)			
11 899 (Visa)	U	Vitalx (approval)			
11 898 (MasterCard)	U	Vitalx (approval)			
10 123	N/A	CVV2 / CVC2 / CID MISM.			
01 (Not Provided)	P	VITAL X (approval)			
21 (illegible)	P	VITAL X (approval)			
91 (Not Present on card)	S	VITAL X (approval)			
00 (Not Provided)	N/A	VITAL X (approval)			
20 (illegible)	N/A	VITAL X (approval)			



## Section 5. Address Verification Service Responses

NOTE: Will not work with Amex Cards

Zip Code	Response Code	Response Text			
8320	A	Address Match			
85284	Z	Zip Match			
8320<space> 85284	Y	Exact Match			
M4P1Z2	Y	Exact Match			
M4P1Z3	NONE	Approval			
99999	U	Ver Unavailable			
99998	G	Ver Unavailable			
999970001	B	Address Match			
999970002	C	Serv Unavailable			
999970003	D	Exact Match			
999970004	I	Ver Unavailable			
999970005	M	Exact Match			
999970006	P	Zip Match			
999970007	A	Address Match			
999970008	Y	Exact Match			
999970009	S	Service Not Supported			
999970010	R	Issuer System Unavailable			

## Section 6. POS Check Service

Request Value	Response Code	Response Text	Settle Code	Callback Info	Condition
\$0.14	14	Card No. Error		X	
\$0.20	05	Decline		X	
\$0.21	51	Decline		X	
\$0.23	61	Decline		X	
\$0.25	65	Decline		X	
\$0.54	94	Duplicate Trans			
\$0.55	T0	Keep First Check (Approval)	1		
\$0.56	T1	Cannot Convert			
\$0.57	T2	Invalid ABA			
\$0.58	T3	Amount Error			
\$0.59	T4	Unpaid Items		X	
\$0.60	T5	Duplicate Number		X	
\$0.61	T6	Micr Error		X	
\$0.62	T7	Too Many Checks			
\$0.63	00	Approval	2	X	
\$0.64	05	Decline			
\$0.65	00	Approval	1	X	
\$0.66	00	Approval	1		
\$0.67	05	Decline			
\$0.68	14	Card No. Error			
\$0.69	51	Decline			
\$0.70	61	Decline			
\$0.71	65	Decline			
\$0.72	T3	Amount Error			
\$0.73	T4	Unpaid Items			
\$0.74	T5	Duplicate Number			
\$0.75	T7	Too Many Checks			
\$0.76	T5	Duplicate Number		X	9-Digit Acct. Number
\$0.77	T5	Duplicate Number		X	5-Digit Acct. Number
\$0.78	T5	Duplicate Number		X	BankServ Callback Info
\$0.79	00	Approval			000's present in the field tag for check number
\$0.86					
\$0.87	00	Approval	2		"A" Third Party Authorizing Agent

\$0.88	05	Decline	2		"A" Third Party Authorizing Agent
Request Value	Response Code	Response Text	Settle Code	Callback Info	Condition
\$0.89	05	Decline		X	Private data subfield FX prior to subfield CI
\$0.90	05	Decline			Private data subfield FX
\$0.91	05	Decline		X	Private data subfield CI prior to subfield FX
\$0.92	00	Approval	1		Private data subfield RP - Identifies Customer Receipt Information
\$0.93	00	Approval	1		Private data subfield RP - (247 characters)
\$0.94	05	Decline			Private data subfield RP - Identifies Customer Receipt Information
\$0.95	05	Decline			Private data subfield RP - (247 characters)

Additional POS Check Service Tests

TRANSACTION CODE	\$AMT	RESPONES TEXT	RESP. CODE		
76	\$5.00	APPROVAL	00		
77	\$5.00	APPROVAL	00		
78	\$5.00	APPROVAL	00		
79	\$5.00	RE-ENTER	19		
7A	\$5.00	RE-ENTER	19		
7B	\$5.00	RE-ENTER	19		



## Section 7. POS Balance Inquiry Service

Trigger Amount	Resp. Code	Act. Type   Amt. Type	Curr. Code	Amt. Sign	\$ Amount
\$1.06 (1 additional amt)	00	00   01	840	C	000000111111
\$1.07 (2 additional amts)	00	00   01	840	C	000000111111
	00	00   01	840	C	000000222222
\$1.08 (3 additional amts)	00	00   01	840	C	000000111111
	00	00   01	840	C	000000222222
	00	00   01	840	C	000000333333
\$1.09 (4 additional amts)	00	00   01	840	C	000000111111
	00	00   01	840	C	000000222222
	00	00   01	840	C	000000333333
	00	00   01	840	C	000000444444
\$1.12 (1 additional amt)	05 (Decline)	00   01	840	C	000000111111
\$1.13 - ( 1 additional amt.)	05 (Decline)	00   01	840	C	000000111111
	05 (Decline)	00   01	840	C	000000111111
\$11.10 (Partial Approval)	10 (Partial)	00   00	840	C	000000000555
\$11.10 (Partial Approval)	10 (Partial)	40   00	840	C	000000000555
NOTE : For the \$11.10 trigger, send Group III version 026, with value of 'A' in it.					
\$51.00 (Partial Approval)	10 (Partial)	30 10	840	D	000000004100
\$52.00 (Partial Approval)	10 (Partial)	30 10	840	D	000000004200
\$53.00 (Partial Approval)	10 (Partial)	30 10	840	D	000000004300

NOTE: For \$51 - \$53 Credit transactions, CCardRspInd = B, CCardRspInd = R, CCardRspInd =, S



Section 8. Test Response based upon Transaction Code submitted

Transaction Code / Description	Resp. Code	Act. Type   Amt. Type	Curr. Code	Amt. Sign	\$ Amount
<b>5L</b> - Credit / Stored Value Balance Inquiry (1 additional.amt)	00	00   01	840	C	000000776655
<b>9A</b> - Debit Balance Inquiry (1 additional amt.)	00	40   01	840	C	000000443322
<b>9F</b> - Cash Benefit Purchase (1 additional amt.)	00	96   01	840	C	000000123456
<b>9L</b> - Food Stamp Balance Inquiry. (2 additional amts.)	00	98   01	840	C	000000654321
	00	96   01	840	C	000000123456
<b>9M</b> - Cash Benefits Balance Inquiry. (2 additional amts.)	00	96   01	840	C	000000123456
	00	98   01	840	C	000000654321
<b>98</b> - Food Stamp purchase (1 additional amt.)	00	98   01	840	C	000000654321



## Section 9. Card Product Code triggers

Request Value	Response Code	Approval Code			
\$1.26	00	VTL00A			
\$1.27	00	VTL00B			
\$1.28	00	VTL00C			
\$1.29	00	VTL00D			

## Section 10. MasterCard Advice Code (MAC)

Request Value	Response Code	MAC in G3V024			
\$1.18	00	01			

NOTE: Send G3V024 in auth

## Section 11. ATM RESPONSE TRIGGERS

Request Value	Response	
\$420.00	55	
\$440.00	61	
\$460.00	51	
\$480.00	13	
\$520.00	65	
\$540.00	52	MTI = 0210
\$540.00	39	MTI != 0210
\$560.00	01	
\$580.00	14	
\$620.00	43	
\$640.00	54	
\$660.00	N7	

## Section 12. American Express Triggers

Amount	Amex AC	Vital RC	Notes
1	107	01	
5	200	04	
11	110	13	
14	111	14	
18	122	EC	
19	125	80	
20	100	05	
29	101	54	
44	115	58	
default	000	00	
101	092	00	
102	003	11	
103	001	08	
104	109	03	
105	181	01	
106	183	01	
107	187	05	
108	188	05	
110	999	06	
1200	000	00	available balance = \$1,234.00
1500	002	10	partial auth for \$7.50 or decline with available balance of \$7.50
7100	If F55	Present,	sends 2
7200	If F55	Present,	sends 2
7300	If F55	Present,	sends 1
default	If F55	Present,	sends 1

### Section 13. Sending Amex AVS Requests

	Amex AAV	Vital AVS	
601	Y	Y	
602	N	N	
603	A	A	
604	Z	Z	
605	U	U	
606	S	S	
607	R	R	
608	L	1	
609	M	2	
610	O	3	
611	K	4	
612	D	5	
613	E	6	
614	F	7	
615	W	8	
616	B	0	invalid

### Section 14. Sending Amex CID Requests

	Amex CID	Vital CVV2	
701	Y	M	
702	N	N	
703	U	P	
704	Z	empty	invalid

### Section 15. Sending Amex AVS and CID Request

	Amex F44	Vital AVS/CID	
705	YY	Y/M	
706	YN	Y/N	
707	YU	Y/P	
708	KY	4/M	
709	KN	4/N	
710	KU	4/P	
711	YYY	empty	invalid
999999999		Resp Code = 00	Approved

## Section 16. Expanded AAV Triggers

NOTE: Triggers are case sensitive and must be used as shown.

Trigger		AAV Response
85284		Y
85285		U
85286		R
85287		S
any other		N
8320 S HARDY DR		Y
8321 S HARDY DR		U
8322 S HARDY DR		R
8323 S HARDY DR		S
any other		N
JOHN SMITH		Y
STEVE SMITH		U
ROBERT SMITH		R
JANET SMITH		S
any other		N
	4803337434	Y
	4803337435	U
	4803337436	R
	4803337437	S
	any other	N
<a href="#">exactmatch@email.com</a>		Y
<a href="#">notchecked@email.com</a>		U
<a href="#">retry@email.com</a>		R
<a href="#">notallowed@email.com</a>		S
any other		N

## Section 17. TPNoxDivers

<b>Trigger Amt (in PENNIES)</b>	<b>Response</b>
1	Rsp Code = 0001, Text = RESPONSE0001
2	Rsp Code = 0002, Text = RESPONSE 0002
3	Rsp Code = 0003, Text = RESPONSE 0003
4	Rsp Code = 0004, Text = RESPONSE 0004
5	Rsp Code = 0005, Text = RESPONSE 0005
6	Rsp Code = 0006, Text = RESPONSE 0006
2001	Rsp Code = 2001, Text = RESPONSE 2001
2002	Rsp Code = 2002, Text = RESPONSE 2002
2003	Rsp Code = 2003, Text = RESPONSE 2003
2004	Rsp Code = 2004, Text = RESPONSE 2004
2005	Rsp Code = 2005, Text = RESPONSE 2005
2006	Rsp Code = 2006, Text = RESPONSE 2006
2007	Rsp Code = 2007, Text = RESPONSE 2007
2008	Rsp Code = 2008, Text = RESPONSE 2008
2009	Rsp Code = 2009, Text = RESPONSE 2009
2010	Rsp Code = 2010, Text = RESPONSE 2010
2011	Rsp Code = 2011, Text = RESPONSE 2011
2012	Rsp Code = 2012, Text = RESPONSE 2012
2013	Rsp Code = 2013, Text = RESPONSE 2013
2014	Rsp Code = 2014, Text = RESPONSE 2014
2015	Rsp Code = 2015, Text = RESPONSE 2015
2016	Rsp Code = 2016, Text = RESPONSE 2016
2017	Rsp Code = 2017, Text = RESPONSE 2017
2018	Rsp Code = 2018, Text = RESPONSE 2018
2019	Rsp Code = 2019, Text = RESPONSE 2019
2020	Rsp Code = 2020, Text = RESPONSE 2020
2021	Rsp Code = 2021, Text = RESPONSE 2021
2022	Rsp Code = 2022, Text = RESPONSE 2022
2023	Rsp Code = 2023, Text = RESPONSE 2023
2024	Rsp Code = 2024, Text = RESPONSE 2024
2025	Rsp Code = 2025, Text = RESPONSE 2025
2990	Rsp Code = 2990, Text = RESPONSE 2990
2991	Rsp Code = 2991, Text = RESPONSE 2991
2992	Rsp Code = 2992, Text = RESPONSE 2992
2997	Rsp Code = 2997, Text = RESPONSE 2997
2998	Rsp Code = 2998, Text = RESPONSE 2998
2999	Rsp Code = 2999, Text = RESPONSE 2999
3000	Rsp Code = 0002, Text = Partial Approval. The TXN AMOUNT IS SET TO 2000
3350	NO RESPONSE SENT BACK!



## Section 18. Test Cards

NOTE: This are card numbers that should fit the respective card ranges, and MOD-10 check. They will not work in production to produce non-Declines. They are for testing purposes only when hitting the TSYS cert box.

Card Brand	Test Card PAN
Visa	4111111111111111
MC	5499740000000057
Discover	6011000991001201
Amex	371449635392376
Diners	38555565010005
Diners/MC	36050000000003
JCB	3530142019955809

## Section 19. TPDiscDriver

Trigger Amount	Expected Response Returned
Send Transaction with TranAmt 1001	Response code should be 01 TSYS ISO 01 DISC ISO
Send Transaction with TranAmt 1002	Response code should be 02 TSYS ISO 02 DISC ISO
Send Transaction with TranAmt 1003	Response code should be 03TSYS ISO 03 DISC ISO
Send Transaction with TranAmt 1004	Response code should be 04 TSYS ISO 04 DISC ISO
Send Transaction with TranAmt 1005	Response code should be 05 TSYS ISO 05 DISC ISO
Send Transaction with TranAmt 1007	Response code should be 07 TSYS ISO 07 DISC ISO
Send Transaction with TranAmt 1008	Response code should be 08 TSYS ISO 08 DISC ISO
Send Transaction with TranAmt 1010	Response code should be 10 TSYS ISO 10 DISC ISO
Send Transaction with TranAmt 1011	Response code should be 00 TSYS ISO 11 DISC ISO
Send Transaction with TranAmt 1012	Response code should be 12 TSYS ISO 12 DISC ISO
Send Transaction with TranAmt 1013	Response code should be 13 TSYS ISO 13 DISC ISO
Send Transaction with TranAmt 1014	Response code should be 14 TSYS ISO 14 DISC ISO
Send Transaction with TranAmt 1015	Response code should be 15 TSYS ISO 15 DISC ISO

<b>Trigger Amount</b>	<b>Expected Response Returned</b>
Send Transaction with TranAmt 1019	Response Code should be 19 TSYS ISO 19 DISC ISO
Send Transaction with TranAmt 1030	Response Code should be 30 TSYS ISO 30 DISC ISO
Send Transaction with TranAmt 1031	Response Code should be 15 TSYS ISO 31 DISC ISO
Send Transaction with TranAmt 1033	Response Code should be 54 TSYS ISO 33 DISC ISO
Send Transaction with TranAmt 1034	Response Code should be 01 TSYS 34 DISC
Send Transaction with TranAmt 1035	Response Code should be 01 TSYS 35 DISC
Send Transaction with TranAmt 1036	Response Code should be 62 TSYS 36 DISC
Send Transaction with TranAmt 1037	Response Code should be 01 TSYS 37 DISC
Send Transaction with TranAmt 1038	Response Code should be 75 TSYS 38 DISC
Send Transaction with TranAmt 1039	Response Code should be 39 TSYS 39 DISC
Send Transaction with TranAmt 1040	Response Code should be 12 TSYS 40 DISC
Send Transaction with TranAmt 1041	Response Code should be 41 TSYS 41 DISC
Send Transaction with TranAmt 1043	Response Code should be 43 TSYS 43 DISC
Send Transaction with TranAmt 1051	Response Code should be 05 TSYS 51 DISC
Send Transaction with TranAmt 1053	Response Code should be 53 TSYS 53 DISC
Send Transaction with TranAmt 1054	Response Code should be 54 TSYS 54 DISC
Send Transaction with TranAmt 1055	Response Code should be



	55 TSYS
	55 DISC

Trigger Amount	Expected Response Returned
Send Transaction with TranAmt 1056	Response Code should be 14 TSYS 56 DISC
Send Transaction with TranAmt 1057	Response Code should be 57 TSYS 57 TSYS
Send Transaction with TranAmt 1058	Response Code should be 58 TSYS 58 TSYS
Send Transaction with TranAmt 1059	Response Code should be 05 TSYS 59 DISC
Send Transaction with TranAmt 1060	Response Code should be 01 TSYS 60 DISC
Send Transaction with TranAmt 1061	Response Code should be 61 TSYS 61 DISC
Send Transaction with TranAmt 1062	Response Code should be 62 TSYS 62 DISC
Send Transaction with TranAmt 1063	Response Code should be 63 TSYS 63 DISC
Send Transaction with TranAmt 1064	Response Code should be 77 TSYS 64 DISC
Send Transaction with TranAmt 1065	Response Code should be 65 TSYS 65 DISC
Send Transaction with TranAmt 1066	Response Code should be 01 TSYS 66 DISC
Send Transaction with TranAmt 1067	Response Code should be 04 TSYS 67 DISC
Send Transaction with TranAmt 1068	Response Code should be 68 TSYS 68 DISC
Send Transaction with TranAmt 1075	Response Code should be 75 TSYS 75 DISC
Send Transaction with TranAmt 1076	Response Code should be 14 TSYS



	76 DISC
Send Transaction with TranAmt 1077	Response Code should be
	14 TSYS
	77 DISC
<b>Trigger Amount</b>	<b>Expected Response Returned</b>
Send Transaction with TranAmt 1078	Response Code should be
	14 TSYS
	78 DISC
Send Transaction with TranAmt 1079	Response Code should be
	85 TSYS
	85 DISC
Send Transaction with TranAmt 1087	Response Code should be
	91 TSYS
	87 DISC
Send Transaction with TranAmt 1091	Response Code should be
	91 TSYS
	91 DISC
Send Transaction with TranAmt 1092	Response Code should be
	92 TSYS
	92 DISC
Send Transaction with TranAmt 1093	Response Code should be
	93 TSYS
	93 DISC
Send Transaction with TranAmt 1094	Response Code should be
	94 TSYS
	94 DISC
Send Transaction with TranAmt 1096	Response Code should be
	96 TSYS
	96 DISC
Send Transaction with TranAmt 1201	DISC field 124, first two bytes are 00
Send Transaction with TranAmt 1202	DISC field 124, first two bytes are 10
Send Transaction with TranAmt 1203	DISC field 124, first two bytes are 20
Send Transaction with TranAmt 1204	DISC field 124, first two bytes are 30
Send Transaction with TranAmt 1205	DISC field 124, first two bytes are 40
Send Transaction with TranAmt 1206	DISC field 124, first two bytes are 50
Send Transaction with TranAmt 1207	DISC field 124, first two bytes are 01
Send Transaction with TranAmt 1208	DISC field 124, first two bytes are 02
Send Transaction with TranAmt 1209	DISC field 124, first two bytes are 03
Send Transaction with TranAmt 1210	DISC field 124, first two bytes are 04
Send Transaction with TranAmt 1211	DISC field 124, first two bytes are 05
<b>Send Transaction with TranAmt 1212</b>	<b>DISC field 124 is 20001</b>
Send Transaction with TranAmt 1301	Disc field 38, first byte is 0.
Send Transaction with TranAmt 2001	Field 44.2 TSYS ISO = X
	Field 44.1 = X DISC ISO
Send Transaction with TranAmt 2002	Field 44.1 = Y DISC ISO

	Field 44.2 = Y TSYS ISO
Send Transaction with TranAmt 2003	Field 44.1 = T DISC ISO
	Field 44.2 = T TSYS ISO
Send Transaction with TranAmt 2004	Field 44.1 = Z DISC ISO
	Field 44.2 = Z TSYS ISO
Send Transaction with TranAmt 2005	Field 44.1 = N DISC ISO
	Field 44.2 = N TSYS ISO
Send Transaction with TranAmt 2006	Field 44.1 = W DISC ISO
	Field 44.2 = W TSYS ISO
<b>Trigger Amount</b>	<b>Expected Response Returned</b>
Send Transaction with TranAmt = 2007	Field 44.1 = U DISC ISO
	Field 44.2 = U TSYS ISO
Send Transaction with TranAmt = 2008	Field 44.1 = S DISC ISO
	Field 44.2 = S TSYS ISO
Send Transaction with TranAmt = 2009	Field 44.1 = A DISC ISO
	Field 44.2 = A TSYS ISO
Send Transaction with TranAmt 2010	Field 44.1 = B DISC ISO
	THIS IS AN ERROR CONDITION!
Send Transaction with TranAmt = 3001	Field 44.2 = N DISC ISO
	Field 44.10 = N TSYS ISO
Send Transaction with TranAmt = 3002	Field 44.2 = P DISC ISO
	Field 44.10 = P TSYS ISO
Send Transaction with TranAmt = 3003	Field 44.2 = S DISC ISO
	Field 44.10 = S TSYS ISO
Send Transaction with TranAmt = 3004	Field 44.2 = U DISC ISO
	Field 44.10 = U TSYS ISO
Send Transaction with TranAmt 3005	Field 44.2 = M DISC ISO
	Field 44.10 = M TSYS ISO
Send Transaction with TranAmt = 2009	Field 44.1 = A DISC ISO
Send Transaction with TranAmt 3006	Field 44.2 = B DISC ISO
	THIS IS AN ERROR CONDITION
Send Transaction with TranAmt 4001	Field 44.1 = A, Field 44.2 = M THESE ARE DISC ISO FIELDS. They translate into TSYS fields as defined above
Send Transaction with TranAmt = 4002	Field 44.1 = X, Field 44.2 = N
Send Transaction with TranAmt = 4003	Field 44.1 = Y, Field 44.2 = P
Send Transaction with TranAmt = 4004	Field 44.1 = T, Field 44.2 = S

Send Transaction with TranAmt = 4005	Field 44.1 = Z, Field 44.2 = U
Send Transaction with TranAmt 4006	Field 44.1 = B, Field 44.2 = B. THIS IS AN ERROR CONDITION.
Send Transaction with TSYS Field 60.10 = 0, TranAmt = 2500	Full Approval
Send Transaction with TSYS Field 60.10 = 0, TranAmt = 2502	Full Decline
Send Transaction with TSYS Field 60.10 = 1, TranAmt = 2500	Full Approval
Send Transaction with TSYS Field 60.10 = 1, TranAmt = 2502	Partial Approval of Cash Over
<b>Trigger Amount</b>	<b>Expected Response Returned</b>
Send Transaction with TSYS Field 60.10 = 1, TranAmt = 2504	Partial Approval of Purchase,decline cash over
Send Transaction with TSYS Field 60.10 = 2, TranAmt = 2500	Full Approval
Send Transaction with TranAmt 3006	Field 44.2 = B DISC ISO
Send Transaction with TSYS Field 60.10 = 2, TranAmt = 2502	Cash Over is declined
Send Transaction with TSYS Field 60.10 = 2, TranAmt = 2504	Partial Approval of Purchase,decline cash over
Send Transaction with TSYS Field 60.10 = 3, TranAmt = 2500	Full Approval
Send Transaction with TSYS Field 60.10 = 3, TranAmt = 2502	Partial Approval of Cash Over
Send Transaction with TSYS Field 60.10 = 3, TranAmt = 2504	Fully decline the entire transaction
Send Transaction with TSYS Field 60.10 = 4, TranAmt = 2500	Full Approval
Send Transaction with TSYS Field 60.10 = 4, TranAmt = 2502	Cash Over is declined
Send Transaction with TSYS Field 60.10 = 4, TranAmt = 2504	Fully decline the entire transaction
Send Txn with Txn Amount 3350	NO RETURN FOR MTI 0100 CREDIT REQUEST
Txn Amt > 15000	DECLINE if Limit Flag is 0
Txn Amt = 44444444	ALWAYS ACCEPTED pending other conditions
CID 11 996	Approval
DEFAULT CID = "0 "	Approval
CID 11 nnn where nnn != 996	CVV2 MISMATCH
TXN AMOUNT 0	If Zip Code is non-existent or is a MATCH, return 85 as RESP CODE. Otherwise, return response code triggered or 0.
AVS Name JOHN SMITH	M = COMPLETE MATCH
AVS Name ALLISON JONES	M = COMPLETE MATCH
AVS Name JOHN <something>	F = FIRST ONLY MATCH
AVS Name ALLISON <something>	F = FIRST ONLY MATCH
AVS Name <something> SMITH	L = LAST ONLY MATCH



AVS Name <something> JONES	L = LAST ONLY MATCH
AVS Name BRUCE <anything>	W = NO DATA FROM ISSUER
AVS Name NEON <anything>	U = SYSTEM UNAVAILABLE