	OSDP VERIFIED	Applicant 000: TEMPLATE								
1.52-1			PD	PD	PD	PD	ACU	ACU	ACU	ACU
test id	description	note	Profile: Basic OSDP	Profile: Security Features		Profile: Bio	Profile: Basic OSDP	Profile: Security Features	Profile: Smart card	Profile: Bio
050-01-01	Physical Interface	2-wire RS-485	Required							
050-01-02	TCP		Optional							
050-01-03	TLS		Optional							
050-02-01	Signalling 9,600	Support at least one of 9600 19200 38400 57600 115200 230400; 8 data bits, 1 stop bit, no parity bits.	One of required							
050-02-02	Signalling 19,200		One of required							
030-02-02	Signaling 19,200		One of							
050-02-03	Signalling 38,400		required							
000 02 00			One of							
050-02-04	Signalling 115,200		required							
			One of							
050-02-05	Signalling 57,600		required							
050-02-06	Signalling 230,400		One of required							
050-03-01	Character Encoding	supports all possible 8 bit values.	Required							
050-04-01	Channel Access	interrogation/reply; reply within 200 ms; only one reply per interrogation; respond busy if unavailable; ack interrogation and respond later if necessary.	Required							
050-04-02		support retry	Required							
050-04-03	resend busy		Required							
050-04-04	new after busy		Required							
050-05-01	Multi-byte Data Encoding	Isb first unless otherwise noted; no padding.	Required							
050-06-01	Packet Size Limits ACU to PD	accept at least 128 bytes total pdu size; accept max 1440 bytes total PDU size.	Required							
050-06-02	Packet Size Limits PD to ACU		Required							
050-07-01	Timing	respond in 200 ms max 3ms nominal; wait at least 2 character times before transmitting; transmit 8 bits of marking bit (0xff) before a transmission	Required							
050-08-01 050-09-01	Message Syn-chronization Packet Format	max 20 ms inter-character delay during message transmission; wait for marking state then SOM to commence message reception follow table 1 packet format.	Required Required							

050-09-02		process sequence 0	Required						
		SOM starts each OSDP command and	•						
050-09-03	SOM - Start of Message	response	Required						
		Address field indicates PD address 0x00-							
		0x7e inclusive or special configuration							
050-09-04	ADDR - Address	address 0x7f	Required						
050 00 05		must not use 7f except for ID,PDID, CAP,							
050-09-05		PDCAP, COM, COMSET	Required						
050 00 00	LEN Longth	Length field (2 bytes LSB MSB) indicates length of OSDP command and response	Dogwired						
050-09-06 050-09-07	LEN - Length CTRL - Control	length of OSDP command and response	Required						
050-09-07			Required	Dog'd					
	Security Block		Optional	Req'd					
050-09-09	CMND / REPLY	Commond / Dombyyalva in reason	Required						
050-09-10	Valid command / reply	Command / Reply value in range	Required						
050-09-11	CHECKSUM	must support both	Required						
050-09-12	SOM Sent	(see old code)	Required						
050-09-13	Config address test		Required						
050-09-14	Rogue SCS Poll		Required						
050-09-15	CRC		Required						
050 40 04		Multi-part message fields added to certain	0 1						
050-10-01	Large Data Arrays	commands and responses	Optional						
060-02-01	osdp_POLL		Required						
060-02-01	Istat poll		Required						
060-02-02	<u> </u>		Doguirod						
060-03-01	osdp_ID		Required						
060-04-01	osdp_CAP		Required						
	osdp_LSTAT	required unless DDCAD reports 0 inputs	Required						
060-06-01	osdp_ISTAT	required unless PDCAP reports 0 inputs	Required						
060-07-01	osdp_OSTAT	required unless PDCAP reports 0 outputs	Required						
060-08-01	osdp_RSTAT	required unless PDCAP reports 0 readers	Required						
060-09-01	osdp_OUT	required unless PDCAP reports 0 outputs	Required	04	Ontinual	Ontinual	Da avviva al		
060-10-01	LED (any color)	required if PDCAP reports >0 LED	Required	Opt	Optional	Optional	Required		
060-10-02	LED Color 0 (Black)	required if PDCAP reports >0 LED	Required						
060 10 02	LED Color 1 (Dod)	if DDCAD reports >0.1 ED	One of						
060-10-03	LED Color 1 (Red)	if PDCAP reports >0 LED	required						
060-10-04	LED Color 2 (Green)	if PDCAP reports >0 LED	One of required						
000-10-04	LLD Color 2 (Green)	II FDOAF ICHUITS /U LED	One of						
060-10-05	LED Color 3 (Amber)	if PDCAP reports >0 LED	required						
060-10-06	LED Color 4 (Blue)	if PDCAP reports >0 LED	roquirou						
000 10 00	LLD COIOI 4 (Dide)	TBD, one of 060-09-xx required if PDCAP							
060-10-07	LED Color 5 (Magenta)	reports >0 LED; version=2.2							
	· · · · · · · · · · · · · · · ·			L	1			1	

EDC Color 6 (Cyan)   reports >0 LED; version=2.2   TBD, one of 060-00-22			TBD, one of 060-09-xx required if PDCAP				
TED. one of 060-09   LED Color 7 (White)   reports > 0 LED versions ≥ 2	060-10-08	LED Color 6 (Cvan)					
G60-10-09   LED Color 7 (White)   reports > 0 LED; versions - 2.2							
660-12-01   osdp_BUZ   required if PDCAP reports >0 annunicators   Required   Selp TEXT   required if PDCAP reports >0 displays   Optional   Opt   Selp_TEXT   Selp_TEXT   required if PDCAP reports >0 displays   Optional   Opt   Selp_TEXT   Optional   Opt   Selp_TEXT   Optional   Opt   Optional   Opti	060-10-09	LED Color 7 (White)					
060-12-01   osdp COMSET   Optional   Opti	060-11-01			Required			
060-13-01   osdp_ COMSET   Optional   Opt   Optional   Opti	060-12-01		·				
060-14-01   0sdp BIOREAD   0ptional   Opt   060-15-01   osdp_BIOMATCH   0ptional   Opt   0ptional   Opt   060-16-01   osdp_BIOMATCH   0ptional   Opt   060-16-02   SCS Keyed Active   060-16-03   SCS Reved   060-16-03   SCS Reved   060-16-03   Key Rotation   060-17-01   osdp_CHLNG   0sdp_CHLNG   0sdp_CH		· -					
0sdp   BIOMATCH	060-14-01	· -		Optional	Opt		
060-16-01   0sdp   KEYSET   used by secure channel   Optional   Required		• • •			· · · · · · · · · · · · · · · · · · ·		
060-16-02   SCS Rekey	060-16-01	· -	used by secure channel		· · · · · · · · · · · · · · · · · · ·		
060-16-03   SCS Rekey		· -	,		•		
060-16-03   Composition   Co		-					
060-17-01   osdp_CHLNG   used by secure channel   Optional   Required   Optional   Optional   Required   Optional   Required   Optional   Optional   Required   Optional   Required   Optional   Opt							
060-18-01   osdp_SCRYPT   used by secure channel   Optional   Required			used by secure channel	Optional	Required		
1906-19-01   1905		· -	-				
060-19-01         osdp_MFG         special commands.           060-20-01         osdp_ACURXSIZE		' <del>-</del>	,	'			
060-21-01         osdp_KEEPACTIVE         060-22-01         osdp_ABORT         060-23-01         osdp_PIVDATA         060-23-01         osdp_PIVDATA         060-24-01         osdp_ERNAUTH         060-24-02         osdp_ERNAUTH         060-24-02         osdp_CRAUTH         060-25-02         osdp_CRAUTH         060-25-02         osdp_CRAUTH after RAW         060-25-02         osdp_FILETRANSFER         060-25-02         osdp_FILETRANSFER         060-27-01         osdp_XWR         060-27-01         osdp_ACK         Required         060-27-01         osdp_ACK         Required         070-03-01         osdp_ACK         070-03-01         osdp_NAK         Oheck         070-03-01         osdp_NAK         Oheck         070-03-02         070-03-01         osdp_PDID         clear about response requirements in spec         070-04-02         070-05-01         osdp_PDCAP         070-05-01         osdp_PDCAP         070-05-02         070-05-02         070-05-02         070-05-03<	060-19-01	osdp_MFG					
060-22-01         osdp_ ABORT         060-23-01         osdp_ PIVDATA         060-24-01         060-24-01         060-24-02         060-24-02         060-24-02         060-24-02         060-24-02         060-25-01         060-25-01         0sdp_ CRAUTH         060-25-02         060-26-01         060-25-02         060-26-01         0sdp_ FILETRANSFER         060-27-01         0sdp_ XWR         060-27-01         0sdp_ XWR         060-27-01         0sdp_ ACK         Required         070-02-01         080-27-01         0sdp_ ACK         Required         070-03-02         080-27-03-02         080-27-03-03	060-20-01	osdp_ACURXSIZE					
060-22-01         osdp_ABORT         060-23-01         osdp_PIVDATA         060-24-01         060-24-01         0sdp_GENAUTH         060-24-02         060-24-02         060-24-02         060-24-02         060-25-01         0sdp_CRAUTH         060-25-02         0sdp_CRAUTH         060-25-02         0sdp_FILETRANSFER         060-25-02         0sdp_FILETRANSFER         060-27-01         0sdp_XWR         060-27-01         0sdp_XWR         060-27-01         0sdp_ACK         Required         070-02-01         0sdp_ACK         070-02-02         080-27-03         080-27-03         080-27-03-03	060-21-01	· · -					
060-23-01         osdp_PIVDATA           060-24-01         osdp_GENAUTH           060-24-02         GENAUTH after RAW           060-25-01         osdp_CRAUTH           060-25-02         CRAUTH after RAW           060-25-02         osdp_FILETRANSFER           060-27-01         osdp_XWR           070-02-01         osdp_ACK           070-02-02         Required           070-03-01         osdp_NAK           070-03-01         osdp_NAK           070-03-02         NAK not 1           070-04-01         osdp_PDID           070-04-02         bad pdid           070-05-03         topp_PDCAP           capability 1 - number and type of inputs         type of outputs	060-22-01	· · -					
060-24-01         osdp_GENAUTH         060-24-02         GENAUTH after RAW         060-25-01         0sdp_CRAUTH         060-25-01         0sdp_CRAUTH         060-25-02         Sends osdp_CRAUTH as next command after osdp_RAW is received         060-25-02         0sdp_FILETRANSFER         060-26-01         0sdp_FILETRANSFER         060-26-01         0sdp_XWR         070-02-01         0sdp_XWR         070-02-02         080-26-01         0sdp_XWR         080-26-01	060-23-01	osdp PIVDATA					
060-25-01         osdp_CRAUTH         sends osdp_CRAUTH as next command after osdp_RAW is received         capability 2 - number and type of outputs         capability 1 - number and type of outputs         capability 2 - number and type of outputs         capability 1 - number and type of outputs         capability 2 - number and type of outputs         c	060-24-01	osdp GENAUTH					
Sends osdp_CRAUTH as next command after osdp_RAW is received   Sends osdp_CRAUTH as next command after osdp_RAW is received   Sends osdp_RAW	060-24-02	GENAUTH after RAW					
060-25-02         CRAUTH after RAW         after osdp_RAW is received           060-26-01         osdp_FILETRANSFER	060-25-01	osdp_CRAUTH					
060-26-01         osdp_FILETRANSFER   <td></td> <td></td> <td>sends osdp_CRAUTH as next command</td> <td></td> <td></td> <td></td> <td></td>			sends osdp_CRAUTH as next command				
060-27-01         osdp_XWR         Required           070-02-02         SIO Comm Handler - NAK 1 Message         SIO Comm Handler - NAK 1 Message           070-03-01         osdp_NAK         Check           070-03-02         NAK not 1         NAK error code not 1           070-04-01         osdp_PDID         clear about response requirements in spec           070-04-02         bad pdid           070-05-01         osdp_PDCAP           capability 1 - number and type of inputs         capability 2 - number and type of outputs	060-25-02	CRAUTH after RAW	after osdp_RAW is received				
070-02-01         osdp_ACK         Required         070-02-02           070-02-02         SIO Comm Handler - NAK 1 Message         070-03-01         osdp_NAK         Check           070-03-02         NAK not 1         NAK error code not 1         070-04-01         0sdp_PDID         clear about response requirements in spec           070-04-02         bad pdid         070-05-01         0sdp_PDCAP         05dp_PDCAP         05dp_PDCAP         070-05-01         05dp_PDCAP         070-05-02         05dp_PDCAP         070-05-02         05dp_PDCAP         070-05-01         070-05-02         070-05-02         070-05-03 <td>060-26-01</td> <td>osdp_FILETRANSFER</td> <td></td> <td></td> <td></td> <td></td> <td></td>	060-26-01	osdp_FILETRANSFER					
070-02-02 SIO Comm Handler - NAK 1 Message 070-03-01 osdp_NAK Check 070-03-02 NAK not 1 NAK error code not 1 070-04-01 osdp_PDID clear about response requirements in spec 070-04-02 bad pdid 070-05-01 osdp_PDCAP capability 1 - number and type of inputs capability 2 - number and type of outputs	060-27-01	osdp_XWR					
070-02-02 SIO Comm Handler - NAK 1 Message 070-03-01 osdp_NAK Check 070-03-02 NAK not 1 NAK error code not 1 070-04-01 osdp_PDID clear about response requirements in spec 070-04-02 bad pdid 070-05-01 osdp_PDCAP capability 1 - number and type of inputs capability 2 - number and type of outputs							
SIO Comm Handler - NAK 1 Message  O70-03-01 osdp_NAK Check  NAK not 1 NAK error code not 1  O70-04-01 osdp_PDID clear about response requirements in spec  O70-04-02 bad pdid  O70-05-01 osdp_PDCAP  capability 1 - number and type of inputs  capability 2 - number and type of outputs	070-02-01	osdp_ACK		Required			
070-03-01         osdp_NAK         Check	070-02-02						
070-03-02 NAK not 1 NAK error code not 1 070-04-01 osdp_PDID clear about response requirements in spec 070-04-02 bad pdid 070-05-01 osdp_PDCAP capability 1 - number and type of inputs capability 2 - number and type of outputs							
070-04-01osdp_PDIDclear about response requirements in spec070-04-02bad pdid070-05-01osdp_PDCAPcapability 1 - number and type of inputscapability 2 - number and type of outputs		· -					
070-04-02         bad pdid           070-05-01         osdp_PDCAP           capability 1 - number and type of inputs         capability 2 - number and type of outputs							
070-05-01 osdp_PDCAP capability 1 - number and type of inputs capability 2 - number and type of outputs		osdp_PDID					
capability 1 - number and type of inputs capability 2 - number and type of outputs			bad pdid				
070-05-02 type of inputs  capability 2 - number and 070-05-03 type of outputs	070-05-01	· -					
capability 2 - number and type of outputs	070.05.03						
070-05-03 type of outputs	070-05-02						
	070-05-03						

Capability 4 - number and		1.11% 4					I		
070-05-06   capability 5 - auditible output   capability 5 - auditible output   capability 9 - report   capability 9 - report   capability 9 - report   capability 9 - receive   capability 9 - receive   capability 10 - receive   capability 10 - receive   capability 110 - receive   capability 12 - Smart card   capability 13 - Number of   capability 13 - Number of   capability 13 - Number of   capability 13 - Smart card   capability 13 - Number of   capability 13 - Smart card   capability 14 - Capability 13 - Smart card   capability 14 - Capability 13 - Smart card   capability 14 - Capability 14 - Capability 13 - Smart card   capability 14 -	070-05-05								
070-05-07   capability 6 - text display   capability 2 - report   capability 12 - smart card   capability 12 - smart card   capability 12 - smart card   capability 13 - Number of   capability 13 - Smart card   capability 13 - Number of   capability 13 - Capability 13 - Number of   capability 13 - Capability 14 - Capa									
070-05-10   capability 9 report									
2070-05-10	010 00 01								
Capability 10 - receive	070-05-10								
070-05-13   bufferSize									
1070-05-13   1070-05-14   1070-05-15   1070-05-15   1070-05-15   1070-05-15   1070-05-15   1070-05-16   107	070-05-11								
Capability 13 - Number of Readers   Recommender   Recommen		capability 12 Smart card							
070-05-15   Readers	070-05-13								
070-05-15   cap 14 bio   cap 15 SPE									
070-06-17   Cap 16 Version   Cap 16 Ve									
070-06-17   Cap 16 Version   RECOMMENDED?		•							
070-06-01   osdp_LSTATR		· ·							
070-06-02									
070-06-03   LSTATR Power     070-07-01   0sdp   ISTATR   required if PDCAP reports >0 inputs   070-08-01   0sdp   OSTATR   required if PDCAP reports >0 outputs   070-09-01   0sdp   OSTATR   required if PDCAP reports >0 readers   070-10-01   0sdp   RSTATR   required if PDCAP reports >0 readers   070-10-01   0sdp   RSTATR   required if card read   Required   070-10-02   26 bit p/data/p   specific card format noted   070-10-03   26 bit raw   specific card format noted   070-10-04   200 bit FASC-N   specific card format noted   070-10-05   128 bit FASC-N   specific card format noted   070-10-05   175 bit FASC-N   specific card format noted   070-10-06   75 bit FASC-N   specific card format noted   070-11-01   0sdp   FMT   deprecated   070-11-01   0sdp   KEYPAD   required if keypad hardware present   070-12-01   0sdp   SOSP   BIORADR   070-14-01   0sdp   BIORADR   070-15-01   0sdp   BIORADR   070-15-01   0sdp   BIORADR   070-17-02   0sdp   CRYPT   Optional   Required   070-17-02   0sdp   CRYPT   Optional   Required   070-17-02   0sdp   DSSP   SPECIAL Commands.   070-18-01   0sdp   DSSP   SPECIAL Commands.   070-18-01   0sdp   DSSP   SPECIAL Commands.   070-19-01   0sdp   DSSP   OSdp   DSSP			R	ECOMMENDE	ED?				
070-07-01         osdp_ISTATR         required if PDCAP reports >0 inputs           070-08-01         osdp_OSTATR         required if PDCAP reports >0 outputs           070-09-01         osdp_RSTATR         required if PDCAP reports >0 readers           070-10-01         osdp_RRW         required if card read         Required           070-10-02         26 bit pddata/p         specific card format noted         9 pecific card format noted           070-10-03         26 bit raw         specific card format noted         9 pecific card format noted           070-10-04         200 bit FASC-N         specific card format noted         9 pecific card format noted           070-10-05         128 bit FASC-N         specific card format noted         9 pecific card format noted           070-10-06         75 bit FASC-N         specific card format noted         9 pecific card format noted           070-11-01         osdp_FMT         deprecated         9 pecific card format noted           070-12-01         osdp_EXPPAD         required if keypad hardware present         9 pecific card format noted           070-13-01         osdp_BIOREADR         9 pecific card format noted         9 pecific card format noted           070-14-01         osdp_BIOREADR         9 pecific card format noted         9 pecific card format noted           070-15-01		•							
070-08-01         osdp_OSTATR         required if PDCAP reports >0 outputs           070-09-01         osdp_RSTATR         required if PDCAP reports >0 readers           070-10-01         osdp_RAW         required if card read           070-10-02         26 bit p/data/p         specific card format noted           070-10-03         26 bit raw         specific card format noted           070-10-04         200 bit FASC-N         specific card format noted           070-10-05         128 bit FASC-N         specific card format noted           070-10-06         75 bit FASC-N         specific card format noted           070-11-01         osdp_FMT         deprecated           070-12-01         osdp_FMT         deprecated           070-13-01         osdp_ECOM         arequired if keypad hardware present           070-14-01         osdp_BIORADR         arequired if keypad hardware present           070-15-01         osdp_BIORADR         arequired if keypad hardware present           070-17-01         osdp_BIORADR         arequired if keypad hardware present           070-18-01         osdp_BCRYPT         Optional Required           070-19-01         osdp_BCRAUTHR         arequired if manufacturer has their own special commands.           070-20-01         osdp_PINDATAR         arequired i									
070-09-01         osdp_RSTATR         required if PDCAP reports >0 readers           070-10-01         osdp_RAW         required if card read         Required           070-10-02         26 bit p/data/p         specific card format noted           070-10-03         26 bit raw         specific card format noted           070-10-04         200 bit FASC-N         specific card format noted           070-10-05         128 bit FASC-N         specific card format noted           070-10-06         75 bit FASC-N         specific card format noted           070-11-01         osdp_FMT         deprecated           070-12-01         osdp_FMT         deprecated           070-13-01         osdp_COM         required if keypad hardware present           070-13-01         osdp_BIOREADR         osdp_BIOMATCHR           070-14-01         osdp_BIOMATCHR         optional           070-17-01         osdp_RMAC_I         Optional           070-18-01         osdp_RMAC_I         optional           070-19-01         osdp_BUSY           070-20-01         osdp_BUSY           070-21-01         osdp_GENAUTHR           070-22-01         osdp_CRAUTHR           070-22-01         osdp_CRAUTHR			·						
070-10-01         osdp_RAW         required if card read         Required           070-10-02         26 bit p/data/p         specific card format noted           070-10-03         26 bit raw         specific card format noted           070-10-04         200 bit FASC-N         specific card format noted           070-10-05         128 bit FASC-N         specific card format noted           070-10-06         75 bit FASC-N         specific card format noted           070-11-01         osdp_FMT         deprecated           070-12-01         osdp_KEYPAD         required if keypad hardware present           070-13-01         osdp_COM           070-14-01         osdp_BIOREADR           070-15-01         osdp_BIOMATCHR           070-16-01         osdp_CCRYPT           070-17-02         Optional           Required         Optional           070-18-01         osdp_MFGREP           osdp_BUSY         osdp_BUSY           070-19-01         osdp_GENAUTHR           070-22-01         osdp_GENAUTHR           070-22-01         osdp_CRAUTHR									
070-10-02         26 bit p/data/p         specific card format noted           070-10-03         26 bit raw         specific card format noted           070-10-04         200 bit FASC-N         specific card format noted           070-10-05         128 bit FASC-N         specific card format noted           070-10-06         75 bit FASC-N         specific card format noted           070-11-01         osdp_FMT         deprecated           070-12-01         osdp_FMT         deprecated           070-13-01         osdp_COM         osdp_BOREADR           070-13-01         osdp_BIOREADR         osdp_BIOREADR           070-15-01         osdp_BIOMATCHR         osdp_CCRYPT           070-16-01         osdp_CCRYPT         Optional           070-17-02         required if manufacturer has their own           070-18-01         osdp_MFGREP         special commands.           070-19-01         osdp_BUSY         osdp_BUNATAR           070-21-01         osdp_GENAUTHR         osdp_GENAUTHR		· -	'						
070-10-03         26 bit raw         specific card format noted           070-10-04         200 bit FASC-N         specific card format noted           070-10-05         128 bit FASC-N         specific card format noted           070-10-06         75 bit FASC-N         specific card format noted           070-11-01         osdp_FMT         deprecated           070-12-01         osdp_FMT         deprecated           070-13-01         osdp_KEYPAD         required if keypad hardware present           070-13-01         osdp_BIOREADR         osdp_BIOMATCHR           070-15-01         osdp_BIOMATCHR         osdp_CCRYPT           070-16-01         osdp_RMAC_I         Optional         Required           070-17-02         required if manufacturer has their own         special commands.           070-19-01         osdp_BIOSY         osdp_PIVDATAR           070-21-01         osdp_GENAUTHR         osdp_GENAUTHR           070-22-01         osdp_GENAUTHR         osdp_CRAUTHR		· =	· ·	Required	Required				
070-10-04         200 bit FASC-N         specific card format noted           070-10-05         128 bit FASC-N         specific card format noted           070-10-06         75 bit FASC-N         specific card format noted           070-11-01         osdp_FMT         deprecated           070-12-01         osdp_KEYPAD         required if keypad hardware present           070-13-01         osdp_COM         Image: specific card format noted           070-13-01         osdp_KEYPAD         required if keypad hardware present           070-13-01         osdp_COM         Image: specific card format noted           070-14-01         osdp_BIOREADR         Image: specific card format noted           070-15-01         osdp_BIOREADR         Image: specific card format noted           070-15-01         osdp_BIOREADR         Image: specific card format noted           070-15-01         osdp_ERMAC_I         Image: specific card format noted           070-17-02         Image: specific card format noted         Image: specific card format noted           070-18-01         osdp_ERMAC_I         Image: specific card format noted           070-19-01         osdp_ERMAC_I         Image: specific card format noted           070-19-01         osdp_ERMAC_I         Image: specific card format noted           070-19-01			· ·						
070-10-05         128 bit FASC-N         specific card format noted           070-10-06         75 bit FASC-N         specific card format noted           070-11-01         osdp_FMT         deprecated           070-12-01         osdp_KEYPAD         required if keypad hardware present           070-13-01         osdp_BIORADR         osdp_BIORADR           070-14-01         osdp_BIOMATCHR         osdp_BIOMATCHR           070-15-01         osdp_CCRYPT         Optional         Required           070-17-01         osdp_RMAC_I         Optional         Required           070-18-01         osdp_MFGREP         special commands.           070-19-01         osdp_BUSY         osdp_BUSY           070-20-01         osdp_PIVDATAR         osdp_CRAUTHR           070-22-01         osdp_GENAUTHR         osdp_CRAUTHR			· ·						
070-10-06         75 bit FASC-N         specific card format noted            070-11-01         osdp_FMT         deprecated            070-12-01         osdp_KEYPAD         required if keypad hardware present            070-13-01         osdp_COM             070-14-01         osdp_BIOREADR             070-15-01         osdp_BIOMATCHR             070-16-01         osdp_CCRYPT         Optional         Required           070-17-02              070-18-01         osdp_MFGREP         special commands.            070-19-01         osdp_BUSY             070-20-01         osdp_PIVDATAR             070-22-01         osdp_GENAUTHR									
070-11-01         osdp_FMT         deprecated           070-12-01         osdp_KEYPAD         required if keypad hardware present           070-13-01         osdp_COM            070-14-01         osdp_BIOREADR            070-15-01         osdp_BIOMATCHR            070-16-01         osdp_CCRYPT         Optional Required           070-17-01         osdp_RMAC_I         Optional Required           070-18-01         osdp_MFGREP         special commands.           070-19-01         osdp_BUSY            070-20-01         osdp_PIVDATAR            070-22-01         osdp_CRAUTHR			•						
070-12-01         osdp_KEYPAD         required if keypad hardware present           070-13-01         osdp_COM            070-14-01         osdp_BIOREADR            070-15-01         osdp_BIOMATCHR            070-16-01         osdp_CCRYPT         Optional         Required           070-17-01         osdp_RMAC_I         Optional         Required           070-17-02         required if manufacturer has their own special commands.            070-19-01         osdp_BUSY            070-20-01         osdp_PIVDATAR            070-22-01         osdp_GENAUTHR            070-22-01         osdp_CRAUTHR	070-10-06	75 bit FASC-N	specific card format noted						
070-13-01         osdp_COM         070-14-01         osdp_BIOREADR         070-15-01         osdp_BIOMATCHR         070-15-01         osdp_BIOMATCHR         070-16-01         osdp_CCRYPT         Optional Required         070-17-01         osdp_RMAC_I         Optional Required         070-17-02	070-11-01	osdp_FMT	•						
070-14-01         osdp_BIOREADR			required if keypad hardware present						
070-15-01         osdp_BIOMATCHR         Optional         Required           070-16-01         osdp_CCRYPT         Optional         Required           070-17-01         osdp_RMAC_I         Optional         Required           070-17-02         required if manufacturer has their own special commands.         Tequired if manufacturer has their own special commands.           070-19-01         osdp_BUSY         Osdp_BUSY         Osdp_BUSY           070-20-01         osdp_FIVDATAR         Osdp_GENAUTHR         Osdp_GENAUTHR           070-22-01         osdp_CRAUTHR         Osdp_CRAUTHR         Osdp_CRAUTHR		osdp_COM							
070-16-01         osdp_CCRYPT         Optional         Required           070-17-01         osdp_RMAC_I         Optional         Required           070-17-02         required if manufacturer has their own special commands.         required if manufacturer has their own special commands.           070-18-01         osdp_BUSY         070-20-01         osdp_PIVDATAR           070-20-01         osdp_GENAUTHR         070-22-01         osdp_CRAUTHR									
070-17-01         osdp_RMAC_I         Optional         Required           070-17-02         required if manufacturer has their own special commands.         required if manufacturer has their own special commands.           070-18-01         osdp_BUSY         070-20-01           070-20-01         osdp_PIVDATAR         070-21-01           070-21-01         osdp_GENAUTHR         070-22-01           070-22-01         osdp_CRAUTHR         070-22-01		· -							
070-17-02         required if manufacturer has their own           070-18-01         osdp_MFGREP           070-19-01         osdp_BUSY           070-20-01         osdp_PIVDATAR           070-21-01         osdp_GENAUTHR           070-22-01         osdp_CRAUTHR		osdp_CCRYPT		Optional					
required if manufacturer has their own special commands.  070-18-01 osdp_MFGREP special commands.  070-19-01 osdp_BUSY  070-20-01 osdp_PIVDATAR  070-21-01 osdp_GENAUTHR  070-22-01 osdp_CRAUTHR	070-17-01	osdp_RMAC_I		Optional	Required				
070-18-01         osdp_MFGREP         special commands.           070-19-01         osdp_BUSY            070-20-01         osdp_PIVDATAR            070-21-01         osdp_GENAUTHR            070-22-01         osdp_CRAUTHR	070-17-02								
070-19-01         osdp_BUSY           070-20-01         osdp_PIVDATAR           070-21-01         osdp_GENAUTHR           070-22-01         osdp_CRAUTHR									
070-20-01         osdp_PIVDATAR           070-21-01         osdp_GENAUTHR           070-22-01         osdp_CRAUTHR		· -	special commands.						
070-21-01         osdp_GENAUTHR           070-22-01         osdp_CRAUTHR		· · –							
070-22-01 osdp_CRAUTHR		· -							
'-		· -							
required if manufacturer has their own	070-22-01	osdp_CRAUTHR							
070-23-01 osdp_MFGSTATR special commands.	070-23-01	osdp_MFGSTATR	required if manufacturer has their own special commands.						

070-24-01		required if manufacturer has their own special commands.			
070-25-01	osdp_FTSTAT				
070-25-02	FTSTAT initial delay				
070-25-03	FTSTAT final delay				
070-26-01	osdp_XRD				