SET APDUs	CLA	INS	P1	P2	LC	Data	LE	Observations
SET_P	F0	00	-	-	P_LENGTH	Key modulus p	-	
SET_G	F0	01	-	-	P_LENGTH	Key generator parameter	=	
SET_H	F0	02	-	-	P_LENGTH	Public key	-	
SET MP G	F0	03	-	-	P LENGTH	Exponential message generator	-	
SET_MP_GINV	F0	04	_	_	P_LENGTH	Exponential message generator inverse	=	
SET Q	l	00	_	_	Q LENGTH	Key modulus q	=	
SET MP2 GV X			_	_	Q_LENGTH	Matrix generator vector Y component	-	
SET MP2 GV Y			_	_	Q LENGTH	Matrix generator vector X component	_	
SET LAMBDA	l		_	_	Q_LENGTH	MP2 Lambda parameter	_	
SET LAMBDA MULT		04	_	_	Q LENGTH	MP2 Lambda multiplier	_	
SET_ALPHA				_	Q_EENGTH	WiF 2 Lambua multiplier	_	P1 = MP alpha parameter
321_321770		00	700					12-mi dipila parameter
Action APDUs	CLA	INS	P1	P2	LC	Data	LE	Observations
PREPARE_BALLOT	F5	00	XX	XX	-	-	-	P1 = number of candidates; P2 = MarkPledge ballot type (1,2 or 3)
CREATE_CANDIDATE_ENCRYPTION	F5	01	XX	-	=	<del>-</del>	-	P1 = candidate vote index
SELECT_CANDIDATE	F5	02	-	-	CANDIDATE CODE LENGTH	candidate code	1	Returns the rotation necessary to align the selected candidate with the YESvote encryption.
PREPARE RECEIPT	l		_	-	Q LENGTH	challenge	-	· · · · · · · · · · · · · · · · · · ·
CREATE CGS97 CANDIDATE PROOF	l			-		-	-	P1 = candidate vote index
CREATE_MP2_CANONICAL_VOTE	F5	FE	-	-	-	-	-	
CREATE_MP2_CANONICAL_VOTE_WITH_HELP	F5	FF	XX	-	MP2_HELP_LENGTH	g^v(x/y)    -VS(x/y)	-	P1 = selected vector component for the canonical vote (0 => component x; 1 => component y)
Get APDUs	CLA	INS	P1	P2	LC	Data	LE	Observations
GET PLEDGE	FA	00	-	-	-	-	Q LENGTH	Returns the pledge value
GET_VCODE	FA	01	XX	-	=	<del>-</del>	Q_LENGTH	Returns the verification code for the candidate index received in P1
GET_VCODE_ENCRYPTION_FACTOR	FA	02	xx	XX	-	-	Q_LENGTH	Returns the encryption factor to verify the correctness of the verification code. P1 selects the candidate index. P2 is used only in MP1 to select the which bit (i.e. BMP) of the vcode is to be verified with the returned value.
GET_CANDIDATE_ENCRYPTION_X	FB	00	xx	XX	-	-	Q_LENGTH	Returns, for the candidate encryption index selected by P1, the encryption X component of the ElGamal encryption specified by P2. Note that the ElGamal encryptions correspont: in a MP1 candidate vote to {canonical vote, BMP0, BMP1,}, in MP2 P2 selects either the canonical vote or a BMP (i.e. the program automatically selects the revealed element in the BMP); in a MP2 candidate vote to {vector component x, vector component y}; and in MP3 candidate vote to {canonical vote, confirmation code}
GET_CANDIDATE_ENCRYPTION_Y	FB	01	XX	xx	-	-	Q_LENGTH	Returns, for the candidate encryption index selected by P1, the encryption X component of the ElGamal encryption specified by P2. Note that the ElGamal encryptions correspont: in a MP1 candidate vote to {canonical vote, BMP0, BMP1,}; in a MP2 candidate vote to {vector component x, vector component y}; and in MP3 candidate vote to {canonical vote, confirmation code}
OFT 00007 11		00				-	D LENGT!	
GET_CGS97_A1			-	-	<del>-</del>	<del>-</del>	P_LENGTH	
GET_CGS97_A2			-	-	-	-	P_LENGTH	
GET_CGS97_B1	l		-	-	-	-	P_LENGTH	
GET_CGS97_B2	l		-	-	-	-	P_LENGTH	
GET_CGS97_C	l		-	-	-	-	Q_LENGTH	
GET_CGS97_D1			-	-	-	-	Q_LENGTH	
GET_CGS97_D2	FD	02	-	-	-	-	Q_LENGTH	
GET_CGS97_R1	FD	03	-	-	=	=	Q_LENGTH	
GET_CGS97_R2	FD	04	-	-	-	-	Q_LENGTH	
GET_SUM_ENCRYPTION_FACTOR	l		-	-	-	-	Q_LENGTH	
			xx	XX	-	-	Q_LENGTH	Returns the encryption factor to verify the conformity of the hidden element of the BMP, selected by P2, with the canonical candidate encryption. P1 selects the candidate index.