State table - superior

	propagated	enrolling	enrolled (active)	resigning	prepare sent	ready recv'd	ready/cancel recv'd	confirm sent	cancel decided	cancel sent	cancelling, resign received	sub confirmed	sub cancelled	both cancelled	confirmed, contradict detected	confirmed, contradicted	cancelled, contradict detected	cancelled, contradicted	contradiction detected in null state	mix reported	mix reported after confirm	mix reported after cancel	mix recorded	request confirm sent	completed queried	completed after confirm	completed and unknown
	I1	**A1**	**B1**	**C1**	**D1**	**E1**	**E2**	**F1**	**G1**	**G2**	**G3**	**H1**	**J1**	**J2**	**K0**	**K1**	**L0**	**L1**	**L2**	**M0**	**M1**	**M2**	**M3**	**N1**	**Y1**	**Z0**	**Z**
receive ENROLL/rsp-req	A1																										Y1
receive ENROLL/no-rsp-req	B1																										Z
receive RESIGN/rsp-req	Y1		C1	C1	C1				G3	Z	G3													C1	Y1		Y1
receive RESIGN/no-rsp-req					Z				Z	Z																	Z
receive READY	Y1		E1		E1	E1		F1	G1	G2														N1	Y1		Y1
receive READY/cancel	Y1		E2		E2		E2	F1	G1	G2														N1	Y1		Y1
receive CONFIRMED/auto	L2		H1		H1	H1		F1	L0	L0		H1					L0	L1	L2					N1	L2		L2
receive CONFIRMED/response								Z0										L1	L2					Z	Y1	Z0	Z
receive CANCELLED	Y1		Z		Z	J1	J1	K0	J2	Z			J1	J2	K0	K1								Z	Y1		Y1
receive MIXED	M0		M0		M0	M0	M0	M1	M2	M2										M0	M1	M2	M3	Z	M0		M0
receive INF_STATUS/active/y	I1	A1	B1		D1				G1	G2														N1	Y1		Y1
receive INF_STATUS/active		A1	B1		D1				G1	G2														N1	Z		Z
receive INF_STATUS/unknown			Z	Z	Z				Z	Z	Z			Z			L0	L1		M0			M3	Z	Z		Z
receive INF_STATUS/inaccessible			B1	C1	D1	E1	E2	F1	G1	G2	G3	H1	J1	J2	K0	K1	L0	L1		M0			M3	N1	Z	Z0	Z
send ENROLLED		B1																									
send RESIGNED				Z																							
send PREPARE					D1	E1	E2																				
send REQUEST_CONFIRM			N1			N1	N1																	N1			
send CONFIRM								F1																			
send CANCEL									G2	G2	Z			Z													
send CONTRADICTION																Z		Z					Z				
send SUP_STATUS/active/y			B1																								
send SUP_STATUS/active			B1																								
send SUP_STATUS/preparing/y					D1																						
send SUP_STATUS/preparing					D1																						
send SUP_STATUS/youareready/y						E1	E2																				
send SUP_STATUS/youareready						E1	E2					H1	J1														
send SUP_STATUS/unknown	I1																								Z		
send SUP_STATUS/unknown (after)																									Z		
decide to prepare			D1			E1	E2																				
decide to confirm						F1	F1					F1	K0														
decide to cancel			G1		G1	G1	Z					L0	J2														
remove confirm information																										Z	
record contradiction															K1		L1		L1	M3	M3	M3					
disruption I	Z	Z	Z	Z	Z	Z	Z		Z	Z	Z	Z	Z	Z	F1		Z	Z	Z	Z	Z	Z	Z	Z			
disruption II						D1	D1					E1	E1	G2			G2				F1	G2					
disruption III						B1	B1					D1	B1														
disruption IV												B1	B1														

State table - inferior

	aware	enrolling	enrolled	resigning	preparing	ready decided	ready decided,default to cancel	confirming	confirming after default cancel	confirm applied	cancel recv'd in ready state	cancel recv'd in ready/cancel state	cancelling	auto confirmed	both confirmed	auto cancelled decided	auto cancelled	both cancelled	auto cancel, contradicted	auto conf, contradicted	mix recorded	request confirm received after ready	request confirm received	request confirm received, confirming	request confirm received, cancelling	request confirm received, mixed	completed, presumed abort	completed, queried	completed, confirm rcvd	completed, default cancel, msg rcvd	completed	completed, default cancel
	i1	**a1**	**b1**	**c1**	**d1**	**e1**	**e2**	**f0**	**f1**	**f2**	**g0**	**g1**	**g2**	**h1**	**h2**	**j1**	**j2**	**j3**	**k1**	**l1**	**m1**	**n0**	**n1**	**n2**	**n3**	**n4**	**y0**	**y1**	**y2**	**y3**	**z**	**z1**
send ENROLL/rsp-req	a1																															
send ENROLL/no-rsp-req	b1																															
send RESIGN/rsp-req			c1	c1	c1																											
send RESIGN/no-rsp-req					z																											
send READY						e1																										
send READY/cancel							e2																									
send CONFIRMED/auto														h1						l1												
send CONFIRMED/response										z					z									z					z			
send CANCELLED			z		z								z			j2	j2	z	k1						z					z1		
send MIXED																					m1					z						
send INF_STATUS/active/y		a1	b1		d1																											
send INF_STATUS/active			b1		d1																											
send INF_STATUS/unknown																												z				
send INF_STATUS/inaccessible																																
receive ENROLLED		b1																													z	
receive RESIGNED				z																								y1			z	
receive PREPARE		d1	d1	c1	d1	e1	e2							h1		j1	j2				m1							y1		y3	z	z1
receive REQUEST_CONFIRM		n1	n1	c1		n0	n0							n2		n3	n3				n4	n0	n1	n2	n3	n4		y1		y3	y1	y1
receive CONFIRM						f0	f1	f0	f1	f2				h2	h2	k1	k1		k1		m1								y2	y3	y2	y3
receive CANCEL		g2	g2	z	g2	g0	g1				g0	g1	g2	l1		j3	z	j3		l1	m1							y1		z	y1	y1
receive CONTRADICTION														z			z		z	z	z			n2		n4		z		z	z	z
receive SUP_STATUS/active/y		b1	b1	c1		e1	e2							h1	h2	j1	j2	j3			m1							y1		y3	y1	y3
receive SUP_STATUS/active		b1	b1	c1		e1	e2							h1	h2	j1	j2	j3			m1	n0	n1	n2	n3	n4		y1		y3	z	z1
receive SUP_STATUS/preparing/y		d1	d1	c1	d1	e1	e2							h1	h2	j1	j2	j3			m1							y1		y3	y1	y3
receive SUP_STATUS/preparing		d1	b1	c1	d1	e1	e2							h1	h2	j1	j2	j3			m1							y1		y3	z	z1
receive SUP_STATUS/youareready/y						e1	e2							h1	h2	j1	j2	j3			m1							y1		y3	y1	y3
receive SUP_STATUS/youareready						e1	e2							h1	h2	j1	j2	j3			m1							y1		y3	y1	y3
receive SUP_STATUS/unknown		z	z	z	z	y0	y0				y0	y0	z	l1		z	z	z		l1	m1	z	z	z	z	z	y0	y1		y3	z	z
receive SUP_STATUS/unknown (after)		z	z	z	z	y0	y0				y0	y0	z	l1		z	z	z	z	l1	m1	z	z	z	z	z	y0	y1		y3	z	z
decide to vote ready			e1		e1																											
decide to vote ready/cancel			e2		e2																											
decide to confirm autonomously						h1																	n2									
decide to cancel autonomously						j1	z1																n3									
record mixed result						m1	m1	m1	m1		m1	m1											n4									
apply ordered confirmation								f2	f2																							
remove ready vote information											g2	g2										n1					z					
disruption I		z	z	z	z			e1	e2	z	e1	e2	z		h1	j2		z									e1					
disruption II					b1																											