CHANGE REQUEST									CR-Form-v7	
ж		35.206	CR	CR001	ж rev	-	ж	Current version:	5.0.0	ж
For <u>HELP</u> o	on u	sing this fo	rm, see	e bottom of	this page or	look	at th	e pop-up text over	^r the	mbols.
Proposed chan	ige a	affects:	UICC a	apps# X	ME	Rad	lio A	ccess Network	Core Ne	etwork X
Title:	ж	Addition	of miss	ing line to F	Rijndael S-bo	x list	ing			
Source:	ж	SA WG3								

Work item code	e: X	SEC	C-ALG		<i>Date:</i> ೫	06/05/2003
Category:	Ħ	F			Release: ೫	Rel-5
		Use <u>c</u>	one of the following categories:		Use <u>one</u> of	the following releases:
		F	= (correction)		2	(GSM Phase 2)
		-	A (corresponds to a correction in a	n earlier release)	R96	(Release 1996)
		E	3 (addition of feature),		R97	(Release 1997)
		0	C (functional modification of feature	e)	R98	(Release 1998)
		L	D (editorial modification)		R99	(Release 1999)
		Detail	ed explanations of the above categ	jories can	Rel-4	(Release 4)
		be fou	und in 3GPP <u>TR 21.900</u> .		Rel-5	(Release 5)
					Rel-6	(Release 6)

Reason for change: ೫	A line is missing from the S-box listing in the Rijndael block cipher specification. Rijndael is the example kernel function for MILENAGE.				
Summary of change: ℜ	Addition of missing line to Rijndael S-box listing.				
Consequences if # not approved:	Although the full definitive specification of Rijndael is already referenced by 35.206, it is desirable to correct the Rijndael specification in 35.206 to avoid confusion among implementors.				
Clauses affected: #	A2.9				

Other specs affected:	イ Y ス 、 、 、 、 、 、	 Other core specifications Test specifications O&M Specifications 	ж	
Other comments:	ж			

A2.9 The Rijndael S-box

Sbox[256] = { 99,124,119,123,242,107,111,197,48,1,103,43,254,215,171,118, 202,130,201,125,250,89,71,240,173,212,162,175,156,164,114,192, 83,209, 0,237, 32,252,177, 91,106,203,190, 57, 74, 76, 88,207, 208,239,170,251, 67, 77, 51,133, 69,249, 2,127, 80, 60,159,168, 81,163, 64,143,146,157, 56,245,188,182,218, 33, 16,255,243,210, -205, 12, 19,236, 95,151, 68, 23,196,167,126, 61,100, 93, 25,115, 96,129, 79,220, 34, 42,144,136, 70,238,184, 20,222, 94, 11,219, 224, 50, 58, 10, 73, 6, 36, 92,194,211,172, 98,145,149,228,121, 231,200, 55,109,141,213, 78,169,108, 86,244,234,101,122,174, 8, 186,120, 37, 46, 28,166,180,198,232,221,116, 31, 75,189,139,138, 112, 62,181,102, 72, 3,246, 14, 97, 53, 87,185,134,193, 29,158, 225,248,152, 17,105,217,142,148,155, 30,135,233,206, 85, 40,223, 140,161,137, 13,191,230, 66,104, 65,153, 45, 15,176, 84,187, 22};