FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APP	PROVAL					
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

FROST PHILLIP MD ET AL		Date of Event equiring Staten Month/Day/Year 4/12/2005	nent	3. Issuer Name and Ticker or Trading Symbol CELLULAR TECHNICAL SERVICES CO INC [CTSC]							rsc]	
(Last) C/O IVAX CO	(First) ORPORATION	(Middle)				tionship of Reporting all applicable) Director	Perso X	n(s) to Issue 10% Owne			Amendment, Da th/Day/Year)	ate of Original Filed
4400 BISCAYNE BOULEVARD						Officer (give title below)		Other (spe below)	cify		lividual or Joint cable Line)	t/Group Filing (Check
(Street) MIAMI	FL	33137								X		y One Reporting Person y More than One erson
(City)	(State)	(Zip)										
		Т	able I - Non	-Derivat	ive S	ecurities Benefi	cially	y Owned				
1. Title of Security (Instr. 4)				2. Amount of Securities Beneficially Owned (Instr. 4) 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		t (D)	4. Nature of Indirect Beneficial Ownership (Instr. 5)					
Common Stock												
Common Stoc	k					1,400,000(1)		I		By Fi	rost Gamma l	Investments Trust
Common Stoc	k	(e.ç				1,400,000 ⁽¹⁾ urities Beneficia	ally (By Fi	rost Gamma l	Investments Trust
	k utive Security (Ins			s, warra	nts, c	urities Beneficia	ally (securities		rsion	5. Ownership Form: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)

Explanation of Responses:

1. These shares are held by Frost Gamma Investments Trust, of which the reporting person is the trustee and Frost Gamma, Limited Partnership is the sole and exclusive beneficiary. The reporting person is the sole limited partner of Frost Gamma, Limited Partnership. The general partner of Frost Gamma, Limited Partnership is Frost Gamma, Inc. and the sole shareholder of Frost Gamma, Inc. is Frost-Nevada corporation. The reporting person is also the sole shareholder of Frost Nevada Corporation.

<u>Phillip Frost</u> <u>04/12/2005</u>

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 5 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.