

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL	
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1. Name and Address of Reporting Person* <u>ANGEL JOSHUA J</u> (Last) (First) (Middle) <u>460 PARK AVENUE</u> (Street) <u>NEW YORK NY 10022</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CELLULAR TECHNICAL SERVICES CO INC [CTSC]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/24/2007</u>	
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	08/24/2007		A		2,000	A	(1)	37,250	D	
Common Stock	08/24/2007		A		26,500	A	(2)	63,750	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Options to Purchase Common Stock	\$2.415	08/24/2007		A			1,200	01/02/2002	01/02/2012	Common Stock	1,200	(2)	0	D	
Options to Purchase Common Stock	\$3.43	08/24/2007		A			2,000	06/06/2001	06/06/2011	Common Stock	2,000	(2)	0	D	
Options to Purchase Common Stock	\$0.685							01/02/2004	01/02/2013	Common Stock	1,200		1,200	D	
Options to Purchase Common Stock	\$0.72							01/02/2005	01/02/2014	Common Stock	1,200		1,200	D	
Options to Purchase Common Stock	\$0.73							06/10/2005	06/10/2014	Common Stock	15,000		15,000	D	

Explanation of Responses:

- The Reporting Person has agreed to the cancellation of 3,200 stock options held by him, in exchange for the issuance of 2,000 shares of Common Stock as set forth in this Form, Table I, Column 4. Such shares of Common Stock were issued by the board of directors of the Company pursuant to Rules 16b-3(e) and 16b-3(d)(1) of the Securities Exchange Act of 1934, as amended.
- The Issuer issued 26,500 shares of Common Stock to the Reporting Person as consideration for the services the Reporting Person has provided to the Issuer as a director on the Issuer's board of directors and for other services performed on behalf of the Issuer. Such shares of Common Stock were issued by the board of directors of the Company pursuant to Rules 16b-3(e) and 16b-3(d)(1) of the Securities Exchange Act of 1934, as amended.

/s/ Joshua J. Angel

08/28/2007

** 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 4 (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.