

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* <u>HSIAO JANE PH D</u> (Last) (First) (Middle) <u>4400 BISCAYNE BOULEVARD</u> (Street) <u>MIAMI FL 33137</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CELLULAR TECHNICAL SERVICES CO INC [CTSC.OB]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/04/2007</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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	09/04/2007		A		2,588,965	A	\$0.00 ⁽¹⁾	2,803,965	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
Warrants	\$0.00 ⁽²⁾	09/04/2007		A		785,383		09/04/2007	09/04/2017	Common Stock	785,383	\$0.00 ⁽³⁾	785,383	I	The Frost Group, LLC ⁽⁴⁾

Explanation of Responses:

- Received in exchange for the Reporting Person's 23% ownership interest in SafeStitch LLC in connection with the Issuer's acquisition of 100% of the equity interests in SafeStitch LLC
- The exercise price of the warrants is a per share dollar amount equal to the quotient of the stockholders' equity of CTSC, as of close of business on September 4, 2007, plus \$1,250,000 divided by the total number of fully-diluted shares of CTSC after the purchase of Safestitch LLC.
- Received as partial consideration for the extension of a line of credit by The Frost Group, LLC to the Issuer in the aggregate principal amount of \$3,900,000.
- All warrants are held by The Frost Group, LLC, of which the Reporting Person is a member. The Reporting Person disclaims beneficial ownership of the securities held by The Frost Group, LLC, except to the extent of her pecuniary interest therein.

/s/ Jane Hsiao

09/06/2007

** 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.