

METRETEK TECHNOLOGIES INC  
 Form 3  
 January 10, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Harley Joseph L Jr		(Month/Day/Year)	METRETEK TECHNOLOGIES INC [MEK]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
305-A EAST DRIVE			(Check all applicable)	
(Street)			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
MELBOURNE,Â FLÂ 32904			<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
(City)	(State)	(Zip)	(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			President, Metretek, Inc	

**Table I - Non-Derivative Securities Beneficially 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)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	56,412	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Title	Amount or Number of	Security	

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				Shares		(I) (Instr. 5)	
Employee Stock Options	04/09/1998	04/09/2008	Common Stock	938	\$ 2	D	Â
Employee Stock Options	09/07/1999	09/07/2009	Common Stock	3,000	\$ 4.63	D	Â
Employee Stock Options	09/20/1999	09/20/2009	Common Stock	3,000	\$ 5.63	D	Â
Employee Stock Options	06/16/2000	06/16/2010	Common Stock	5,000	\$ 6.5	D	Â
Employee Stock Options	03/24/2004	03/24/2014	Common Stock	15,000	\$ 3.55	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Harley Joseph L Jr 305-A EAST DRIVE MELBOURNE, FL 32904	Â	Â	Â President, Metretek, Inc	Â

## Signatures

/s/ Joseph L  
Harley Jr

01/09/2007

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

\* 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. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.