Malden Guy Form 4 January 24, 2012

FORM 4

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

OMB Number: 3235-0287

burden hours per

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

response... 0.5

1(b).

(City)

MII

Common

(State)

01/20/2012

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person * Malden Guy			2. Issuer Name and Ticker or Trading Symbol MITCHAM INDUSTRIES INC	5. Relationship of Reporting Person(s) to Issuer		
			[MIND]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% OwnerX_ Officer (give title Other (specify		
8141 SH 75 SOUTH (Street)			01/20/2012	below) below) VP - Marine Systems		
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
HUNTSVILLE, TX 77342				Form filed by More than One Reporting Person		

. •		Table	6 I - MOII-D	errvauve	securi	ues Acqu	ii eu, Disposeu oi	, or beneficiali	y Owneu
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securit rn(A) or Dis (Instr. 3, 4)	sposed	of (D)	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)
MII Common Stock	01/20/2012		M	8,700	A	\$ 6.4	22,161	D	
MII Common Stock	01/20/2012		M	15,000	A	\$ 16.64	37,161	D	
MII Common Stock	01/20/2012		M	15,000	A	\$ 17.7	52,161	D	

38,700 D

\$

24.12

13,461

D

S

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

Stock

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

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SEC 1474 (9-02)

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. 5. Number Transaction Derivative Code Securities (Instr. 8) 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 Underlying Securities (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Options to Purchase MII Common Stock	\$ 6.4	01/20/2012		M		3,700	05/27/2010	05/27/2020	MII Common Stock	3,700
Options to Purchase MII Common Stock	\$ 6.4	01/20/2012		M		5,000	05/27/2011	05/27/2020	MII Common Stock	5,000
Options to Purchase MII Common Stock	\$ 16.64	01/20/2012		M		5,000	03/31/2007	03/31/2016	MII Common Stock	5,000
Options to Purchase MII Common Stock	\$ 16.64	01/20/2012		M		5,000	03/31/2008	03/31/2016	MII Common Stock	5,000
	\$ 16.64	01/20/2012		M		5,000	03/31/2009	03/31/2016		5,000

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Options to Purchase MII Common Stock							MII Common Stock	
Options to Purchase MII Common Stock	\$ 17.7	01/20/2012	M	5,000	09/07/2008	09/07/2017	MII Common Stock	5,000
Options to Purchase MII Common Stock	\$ 17.7	01/20/2012	M	5,000	09/07/2009	09/07/2017	MII Common Stock	5,000
Options to Purchase MII Common Stock	\$ 17.7	01/20/2012	M	5,000	09/07/2010	09/07/2017	MII Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

Malden Guy

8141 SH 75 SOUTH VP - Marine Systems

HUNTSVILLE, TX 77342

Signatures

/s/ Guy Malden 01/24/2012

**Signature of Date
Reporting Person

Explanation of Responses:

- * 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. 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.

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