

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>Malden Guy</u>  (Last) (First) (Middle) 8141 SH 75 SOUTH  (Street) HUNTSVILLE TX 77342  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MITCHAM INDUSTRIES INC [ MIND ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP - Marine Systems</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/13/2011</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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			
MII Common Stock	12/13/2011		M		23,332	A	\$4.65	40,793	D	
MII Common Stock	12/13/2011		M		4,676	A	\$6.18	45,469	D	
MII Common Stock	12/13/2011		S		28,008	D	\$20.54	17,461	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						Amount or Number of Shares
Options to Purchase MII Common Stock	\$4.65	12/13/2011		M			11,666	07/23/2010	07/23/2019	MII Common Stock	11,666	\$4.65	0	D	
Options to Purchase MII Common Stock	\$4.65	12/31/2011		M			11,666	07/23/2011	07/23/2019	MII Common Stock	11,666	\$4.65	0	D	
Options to Purchase MII Common Stock	\$6.18	12/13/2011		M			3,167	01/31/2007	01/31/2015	MII Common Stock	3,167	\$6.18	0	D	
Options to Purchase MII Common Stock	\$6.18	12/13/2011		M			1,509	01/31/2008	01/31/2015	MII Common Stock	1,509	\$6.18	1,824	D	

Explanation of Responses:

Remarks:

/s/ Guy Malden

12/15/2011

\*\* 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.