

## Appendix 3B

### New issue announcement, application for quotation of additional securities and agreement

*Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.*

Introduced 1/7/96. Origin: Appendix 5. Amended 1/7/98, 1/9/99, 1/7/2000, 30/9/2001, 11/3/2002, 1/1/2003, 24/10/2005.

Name of entity

Structural Monitoring Systems plc

ABN

106 307 322

We (the entity) give ASX the following information.

#### Part 1 - All issues

*You must complete the relevant sections (attach sheets if there is not enough space).*

- |   |  |  |
|---|--|--|
| 1 | +Class of +securities issued or to be issued   | Chess Depository Interests (SMN)                                       |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued  | Up to 254,024,738 ordinary shares and 254,024,738 options              |
| 3 | Principal terms of the +securities (eg, if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion) | The options are exercisable at 1.5 cents on or before 31 December 2010 |

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+ See chapter 19 for defined terms.

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<p>4 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?</p> <p>If the additional securities do not rank equally, please state:</p> <ul style="list-style-type: none"> <li>• the date from which they do</li> <li>• the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li> <li>• the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li> </ul>	<p>Yes</p>						
<p>5 Issue price or consideration</p>	<p>1.5 cents per CDI</p>						
<p>6 Purpose of the issue          (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<p>The purpose of the Rights Issue is to raise up to approximately \$3,810,371 before transaction costs which will be used by the Company to assist in funding programs that the Company has in progress to secure the commercial advantage that it has achieved in reducing the cost of maintenance inspections for aircraft operators in the civil and military aerospace sectors using the Company's accredited Comparative Vacuum Monitoring (CVM™) products</p>						
<p>7 Dates of entering +securities into uncertificated holdings or despatch of certificates</p>	<p>On or about 15 December 2008</p>						
<p>8 Number and +class of all +securities quoted on ASX (including the securities in clause 2 if applicable)</p>	<table border="1"> <thead> <tr> <th data-bbox="721 1444 997 1472">Number</th> <th data-bbox="1002 1444 1265 1472">+Class</th> </tr> </thead> <tbody> <tr> <td data-bbox="721 1478 997 1505">(1) 508,049,476</td> <td data-bbox="1002 1478 1265 1505">(1) CDIs</td> </tr> <tr> <td data-bbox="721 1512 997 1539">(2) 254,024,738</td> <td data-bbox="1002 1512 1265 1539">(2) Options</td> </tr> </tbody> </table>	Number	+Class	(1) 508,049,476	(1) CDIs	(2) 254,024,738	(2) Options
Number	+Class						
(1) 508,049,476	(1) CDIs						
(2) 254,024,738	(2) Options						

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	Number	+Class
9 Number and +class of all +securities not quoted on ASX (including the securities in clause 2 if applicable)	(1) 5,000,000	(1) 31 Mar 2009 options at 20 and 25 cents
	(2) 10,000,000	options
	(3) 250,000	(2) 25 cent 31 Dec 09 options
	(4) 254,024,738	(3) ESOP options (4) Deferred shares
10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	N/a	

## Part 2 - Bonus issue or pro rata issue

11 Is security holder approval required?	No
12 Is the issue renounceable or non-renounceable?	Non-renounceable
13 Ratio in which the +securities will be offered	1 new share for every 1 ordinary share held, plus one free option per share issued
14 +Class of +securities to which the offer relates	CDIs and options
15 +Record date to determine entitlements	20 November 2008
16 Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	No
17 Policy for deciding entitlements in relation to fractions	Round up
18 Names of countries in which the entity has +security holders who will not be sent new issue documents  Note: Security holders must be told how their entitlements are to be dealt with. Cross reference: rule 7.7.	Only shareholders in Australia, New Zealand and the United Kingdom are eligible
19 Closing date for receipt of acceptances or renunciations	5 December 2008

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20	Names of any underwriters	n/a
21	Amount of any underwriting fee or commission	n/a
22	Names of any brokers to the issue	n/a
23	Fee or commission payable to the broker to the issue	n/a
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of +security holders	n/a
25	If the issue is contingent on +security holders' approval, the date of the meeting	n/a
26	Date entitlement and acceptance form and prospectus or Product Disclosure Statement will be sent to persons entitled	21 November 2008
27	If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders	n/a
28	Date rights trading will begin (if applicable)	n/a
29	Date rights trading will end (if applicable)	n/a
30	How do +security holders sell their entitlements <i>in full</i> through a broker?	n/a
31	How do +security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	n/a

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- 32 How do +security holders dispose of their entitlements (except by sale through a broker)?
- 33 +Despatch date

### Part 3 - Quotation of securities

*You need only complete this section if you are applying for quotation of securities*

- 34 Type of securities  
(tick one)
- (a)  Securities described in Part 1
- (b)  All other securities  
Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities

#### Entities that have ticked box 34(a)

#### Additional securities forming a new class of securities

*Tick to indicate you are providing the information or documents*

- 35  If the +securities are +equity securities, the names of the 20 largest holders of the additional +securities, and the number and percentage of additional +securities held by those holders
- 36  If the +securities are +equity securities, a distribution schedule of the additional +securities setting out the number of holders in the categories  
1 - 1,000  
1,001 - 5,000  
5,001 - 10,000  
10,001 - 100,000  
100,001 and over
- 37  A copy of any trust deed for the additional +securities

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**Entities that have ticked box 34(b)**

38 Number of securities for which  
 +quotation is sought 

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39 Class of +securities for which  
 quotation is sought 

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40 Do the +securities rank equally in all  
 respects from the date of allotment  
 with an existing +class of quoted  
 +securities?

If the additional securities do not  
 rank equally, please state:

- the date from which they do
- the extent to which they  
 participate for the next dividend,  
 (in the case of a trust,  
 distribution) or interest payment
- the extent to which they do not  
 rank equally, other than in  
 relation to the next dividend,  
 distribution or interest payment

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41 Reason for request for quotation now

Example: In the case of restricted securities, end of  
 restriction period

(if issued upon conversion of another  
 security, clearly identify that other  
 security)

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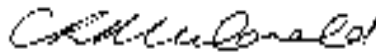
	Number	+Class
42 Number and +class of all +securities quoted on ASX (including the securities in clause 38)		

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**Quotation agreement**

- 1 +Quotation of our additional +securities is in ASX's absolute discretion. ASX may quote the +securities on any conditions it decides.
  
- 2 We warrant the following to ASX.
  - The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
  - There is no reason why those +securities should not be granted +quotation.
  - An offer of the +securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.  
Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty
  - Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any +securities to be quoted and that no-one has any right to return any +securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the +securities be quoted.
  - If we are a trust, we warrant that no person has the right to return the +securities to be quoted under section 1019B of the Corporations Act at the time that we request that the +securities be quoted.
  
- 3 We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
  
- 4 We give ASX the information and documents required by this form. If any information or document not available now, will give it to ASX before +quotation of the +securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.



Sign here: .....Date: 12 Nov 2008...  
(Director/Company secretary)

Print name: .....Colin McDonald.....

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