Rule 2.7, 3.10.3, 3.10.4, 3.10.5

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.

imited	
ASX the following in	nformation.
SUES elevant sections (attach sh	neets if there is not enough space).
rities issued or to be	Ordinary Shares
known) or maximum	173,554 Ordinary Shares
rcise price and expiry paid *securities, the anding and due dates it; if *convertible conversion price and	
	sues clevant sections (attach slavities issued or to be securities issued or to known) or maximum may be issued s of the *securities (eg, pricise price and expiry paid *securities, the anding and due dates at; if *convertible

1/1/2003

⁺ See chapter 19 for defined terms.

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
- 5 Issue price or consideration

6 Purpose of the issue
(If issued as consideration for the acquisition of assets, clearly identify those assets)

Yes

\$0.45 for ordinary shares issued on conversion of convertible note and exercise of options issued as a result of note conversion

84,105 Shares issued on conversion of unsecured Convertible Notes.
89,449 Shares issued on exercising of options issued as a result on note conversion

- 7 Dates of entering *securities into uncertificated holdings or despatch of certificates
- 25,150 ordinary shares issued 28 October 2005 as a result of converting notes.
- 6,125 ordinary shares issued 14 November 2005 as a result of converting notes.
- 52,830 ordinary shares issued 29 November 2005 as a result of converting notes.
- 3,780 ordinary shares issued 11 November 2005 as a result of exercising of options.
- 50,919 ordinary shares issued 29 November 2005 as a result of exercising of options.
- 34,750 ordinary shares issued 7 December 2005 as a result of exercising of options

⁺ See chapter 19 for defined terms.

8 Number and *class of all *securities quoted on ASX (including the securities in clause 2 if applicable)

Number	⁺ Class
36,397,126 3,471,403	Ordinary Shares Unsecured Convertible Notes

⁺ See chapter 19 for defined terms.

9 Number and *class of all *securities not quoted on ASX (including the securities in clause 2 if applicable)

Number	†Class
4,170,012	Options exp 30/6/07 @ \$0.45
300,000	Options exp 30/9/07 @ \$0.45 issued under executive share option plan
825,000	Options exp 30/6/09 @ \$0.45 issued under executive share option plan

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

Part 2 - Bonus issue or pro rata issue

11	Is security holder approval required?
12	Is the issue renounceable or non-renounceable?
13	Ratio in which the *securities will be offered
14	⁺ Class of ⁺ securities to which the offer relates
15	[†] Record date to determine entitlements
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?
17	Policy for deciding entitlements in relation to fractions

⁺ See chapter 19 for defined terms.

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.	
19	Closing date for receipt of acceptances or renunciations	

1/1/2003

⁺ See chapter 19 for defined terms.

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

⁺ See chapter 19 for defined terms.

	the disperse of
tÌ	low do *security holders dispose of heir entitlements (except by sale hrough a broker)?
33 +	Despatch date
Part (3 - Quotation of securities only complete this section if you are applying for quotation of securities
	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
Entiti	ies that have ticked box 34(a)
Additi	onal securities forming a new class of securities
Tick to docume	
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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⁺ See chapter 19 for defined terms.

Entiti	es that have ticked box 34(b)	
38	Number of securities for which quotation is sought	
39	Class of *securities for which quotation is sought	
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	
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)	
42	Number and *class of all *securities quoted on ASX (including the securities in clause 38)	Number [†] Class

⁺ See chapter 19 for defined terms.

Quotation agreement

- [†]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.
- We warrant that if confirmation is required under section 1017F of the Corporations Act in relation to the *securities to be quoted, it has been provided 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.

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⁺ See chapter 19 for defined terms.

- 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.
- 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:	(Director/Company secretary)	7 December 2005 Date:
Print name:	David Perry	
	=====	

⁺ See chapter 19 for defined terms.