

RIO TINTO

External Affairs

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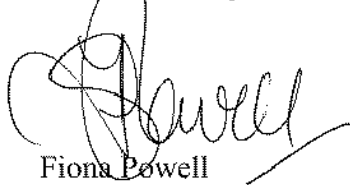
22 September 2006

Company Announcements Office
Australian Stock Exchange Limited
SYDNEY NSW 2000

Dear Sir,

The attached notice was issued to the London Stock Exchange by Rio Tinto plc on
21 September 2006.

Yours faithfully,



Fiona Powell
Senior Advisor – Corporate Relations

Attach. 1

RIO TINTO

Notice to ASX ...

22 September 2006

Rio Tinto plc – Transaction in Own Shares Purchase of own securities

Rio Tinto plc on 21 September 2006 acquired through Credit Suisse Securities (Europe) Ltd 1,000,000 of its ordinary shares at an average price of 2,458.66 pence per ordinary share. The purchased shares will all be held as treasury shares.

Following the above purchase, Rio Tinto plc holds 35,508,247 ordinary shares as treasury shares. The total number of ordinary shares in issue (excluding shares held as treasury shares) is 1,036,776,856.