Rule 3.8A

Appendix 3D

Changes relating to buy-back (except minimum holding buy-back)

Information and documents given to ASX become ASX's property and may be made public. Introduced 1/9/99. Origin: Appendix 7B. Amended 13/3/2000, 30/9/2001.

Name of entity

Rio Tinto Limited (RTL)			96 004 458 404
We	(the entity) give ASX the following	information.	
1	Date that an Appendix 3C or the last Appendix 3D was given to ASX	4 May 2017 (Appendix 3D)	
	ormation about the change aplete each item for which there has	been a change and items 9 and	10.
		Column 1 (Details announced to market in Appendix 3C or last Appendix 3D)	Column 2 (Details of change to buy-back proposals)
	On-market buy-back		
2	Name of broker who will act on the company's behalf		
3	Deleted 30/9/2001.		

Appendix 3D Page 1 23/04/2013

⁺ See chapter 19 for defined terms.

		Column 1 (Details announced to market in Appendix 3C or last Appendix 3D)	Column 2 (Details of change to buy-back proposals)
4	If the company intends to buy back a maximum number of shares - that number Note: This requires a figure to be included, not a percentage. The reference to a maximum number is to the total number including shares already bought back and shares remaining to be bought back. If the total has not changed, the item does not need to be completed.	Under the shareholder authority granted at the Annual General Meeting held on 4 May 2017, in the period until (and including) the date of the RTL 2018 Annual General Meeting or 3 May 2018 (whichever is the later), or, if earlier, the date on which shareholders next give approval to buy-backs by RTL of fully paid ordinary shares, the aggregate of the shares bought back under that authority onmarket, together with the number of shares bought back under that authority under any off-market buy-back tenders, will not exceed 42.4 million shares.	N/A
5	If the company intends to buy back a maximum number of shares - the number remaining to be bought back	See Item 4.	N/A
6	If the company intends to buy-back shares within a period of time - that period of time; if the company intends that the buy-back be of unlimited duration - that intention	See Item 4.	N/A
7	If the company intends to buy back shares if conditions are met - those conditions		

Appendix 3D Page 2 23/04/2013

⁺ See chapter 19 for defined terms.

All buy-backs

Any other change

At the 2017 Annual General Meeting held on 4 May 2017, RTL shareholders renewed the authority to buy back shares off-market under buy-back tenders (up to the limit described in Item 4).

On 22 September 2017, RTL announced an off-market buy-back tender. The target size of the buyback is A\$700 million however RTL reserves the right to increase or decrease the size of the buy-back or not buy back any shares. In any event, RTL will not buy back more shares than as permitted by the limit described in Item 4.

9 Reason for change See Item 8.

Any other information material to a shareholder's decision whether to accept the offer (eg, details of any proposed takeover bid)

See today's announcement by RTL to the ASX of the buy-back details. Further information will be contained in a buy-back tender booklet, expected to be despatched to shareholders in early October.

Compliance statement

- 1. The company is in compliance with all Corporations Act requirements relevant to this buy-back.
- 2. There is no information that the listing rules require to be disclosed that has not already been disclosed, or is not contained in, or attached to, this form.

Sign here:

Date: 22 September 2017

Company Secretary

Print name: Tim Paine

Appendix 3D Page 3 23/04/2013

⁺ See chapter 19 for defined terms.