

Notice to ASX and LSE

Shareholdings of persons discharging managerial responsibility (PDMR) / Key Management Personnel (KMP)

9 December 2016

Rio Tinto plc notifies the London Stock Exchange (LSE) of PDMR/KMP interests in securities of Rio Tinto plc, in compliance with the EU Market Abuse Regime Article 19 (3). As part of its dual listed company structure, Rio Tinto voluntarily notifies the Australian Securities Exchange (ASX) of material dealings in Rio Tinto plc shares by PDMR/KMP and both ASX and the London Stock Exchange (LSE) of material dealings by PDMR/KMP in Rio Tinto Limited securities.

Rio Tinto Bonus Deferral Plan ("BDP")

Under the terms of the BDP 50% of the annual bonuses of the participating executives are delivered in deferred ordinary shares of Rio Tinto plc or Rio Tinto Limited ("shares"), as applicable. The BDP Rights vest in December of the third year after the end of the performance year to which it relates.

The following PDMR/KMP elected to receive their vested 2014 award in the form of shares, of which sufficient were sold to pay applicable withholding tax and other deductions.

Security	Name of PDMR/KMP	Conditional Award Granted	No: of dividend shares*	No: of Shares Vested	No: of Shares Sold	Price per Share GBP	No: of Shares Retained	Date of Transaction
Rio Tinto plc	Baatar, Bold	859	86	945	97	32.730721	848	8/12/2016
Rio Tinto plc	Lynch, Christopher	14,479	1,462	15,941	7,672	32.34	8,269	7/12/2016

The following PDMR/KMP elected to receive their vested 2014 award in the form of shares, of which sufficient were sold to pay applicable withholding tax and other deductions.

Security	Name of PDMR/KMP	Conditional Award Granted	No: of dividend shares*	No: of Shares Vested	No: of Shares Sold	Price per Share AUD	No: of Shares Retained	Date of Transaction
Rio Tinto Limited	Farrell, Joanne	2,340	237	2,557	1,228	62.591514	1,349	8/12/2016
Rio Tinto Limited	Salisbury, Christopher	2,152	218	2,370	1,161	59.82	1,209	7/12/2016

**The number of shares vested includes additional shares calculated to reflect dividends declared during the vesting period on the original shares granted.*

FCA notifications in accordance with the EU Market Abuse Regime have been issued to the London Stock Exchange contemporaneously with this release.



Victoria Hames

Acting Company Secretary

Rio Tinto plc

6 St James's Square
London SW1Y 4AD
United Kingdom

T +44 20 7781 1668
Registered in England
No. 719885

Tim Paine

Joint Company Secretary

Rio Tinto Limited

120 Collins Street
Melbourne 3000
Australia

T +61 3 9283 3333
Registered in Australia
ABN 96 004 458 404