

RIO TINTO PLC
Form 6-K
October 17, 2017

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13A-16 OR 15D-16 OF
THE SECURITIES EXCHANGE ACT OF 1934**

17 October 2017

Commission file number: 001-10533

Rio Tinto plc

(Translation of registrant's name into English)

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

(Address of principal executive offices)

Commission file number: 001-34121

**Rio Tinto Limited
ABN 96 004 458 404**

(Translation of registrant's name into English)

**Level 33, 120 Collins Street
Melbourne, Victoria 3000, Australia**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

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Form 20-F X Form 40-F ____

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ____

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ____

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes ____ No X

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):
82-_____

EXHIBITS

99.1	17 October 2017	Third quarter 2017 operations review
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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrants have duly caused this report to be signed on their behalf by the undersigned, thereunto duly authorised.

Rio Tinto plc

(Registrant)

By /s/ Steve Allen

Name Steve Allen

Title Company Secretary

Date 17 October 2017

Rio Tinto Limited

(Registrant)

By /s/ Steve Allen

Name Steve Allen

Title Joint Company Secretary

17 October 2017