

OI S.A.
Form 6-K
September 17, 2012

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or
15d-16 of the Securities Exchange Act of 1934

For the month of September 2012

Commission File Number: 1-15256

OI S.A.

(Exact Name as Specified in its Charter)

N/A

(Translation of registrant's name into English)

Rua General Polidoro, No. 99, 5th floor/part Botafogo

22280-001 Rio de Janeiro, RJ

Federative Republic of Brazil

(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.)

Form 20-F: x **Form 40-F:** "

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(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)):

Yes: No:

(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)):

Yes: No:

(Indicate by check mark whether the registrant 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:

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

Oi S.A.

Corporate Taxpayers Registry (CNPJ/MF) No. 76.535.764/0001-43

Board of Trade (NIRE) No. 33.3.0029520-8

Publicly-Held Company

NOTICE TO DEBENTURE HOLDERS

1st Series of the 9th Issuance of Debentures

Oi S.A. (the Company) announces to the Debenture Holders of the 1st Series of the 9th Issuance of the Company's Debentures (Oi BR-D91) that, on this date, it plans to make interest payments in the total aggregate amount of R\$18,755,342.80, or R\$468.88357 per debenture.

Rio de Janeiro, September 17, 2012.

Oi S.A.

Alex Waldemar Zornig

Investor Relations Officer

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: September 17, 2012

OI S.A.

By: /s/ Alex Waldemar Zornig
Name: Alex Waldemar Zornig
Title: Investor Relations Officer