TELEFONICA S A Form 6-K February 23, 2012

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16

of the Securities Exchange Act of 1934

For the month of February, 2012

Commission File Number: 001-09531

Telefónica, S.A.

(Translation of registrant s name into English)

Distrito C, Ronda de la Comunicación s/n,

28050 Madrid, Spain

3491-482 85 48

(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 "

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 x

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 x

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): N/A

Telefónica, S.A.

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RAMIRO SÁNCHEZ DE LERÍN GARCÍA-OVÍES

General Secretary and

Secretary to the Board of Directors

TELEFÓNICA, S.A.

TELEFÓNICA, S.A. hereby reports the following

NOTICE

Telefónica, S.A. will hold a conference call with analysts at 4:00 p.m. (Madrid time) tomorrow, February 24th, 2012, to announce its 2011 half-yearly financial information.

This conference call will be broadcasted live via Internet at:

http://www.telefonica.com/accionistaseinversores/

Likewise, the presentation for the conference call will be available before it starts on the Company s web site.

Madrid, February 23th, 2012

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.

Telefónica, S.A.

Date: February 23th, 2012 By: /s/ Ramiro Sánchez de Lerín García- Ovies

Name: Ramiro Sánchez de Lerín García-Ovies

Title: General Secretary and Secretary to the Board of Directors