

ANNEX IV

AMENDMENT TO RENEW THE MEMORANDUM OF UNDERSTANDING BETWEEN THE

INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS AND INSTITUT DE RECHERCHE POUR LE DÉVELOPPEMENT AND MÉTÉO-FRANCE AND NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

The Instituto Nacional de Pesquisas Espaciais (INPE) of Brazil, the Institut de Recherche pour le Développement (IRD) and Météo-France of France, and the National Oceanic and Atmospheric Administration (NOAA) of the United States of America, hereinafter referred to as the "Parties",

Recognizing the fruitful collaboration that the Parties have conducted pursuant to the Memorandum of Understanding between the Parties for *Implementation and Maintenance of the Prediction and Research moored Array in the Tropical Atlantic - PIRATA*, signed into force on 28 July 2009 (hereinafter referred to as "the MOU"),

Considering that the MOU expires by its terms on 28 July 2014,

Have agreed as follows:

Article I

- (1) The MOU shall be extended for an additional five-year period, effective from 28 July 2014.
- (2) The Parties intend to:
 - a. Continue the collaborative work already in progress under this MOU
 - b. Explore activities to further cooperation under the MOU in the following broad themes:
 - i. scientifically sound extension projects from other institutions and countries,
 - ii. cooperation with international implementation panels for an integrated Global Ocean Observing System,
 - iii. capacity development to support the scientific goals of PIRATA.

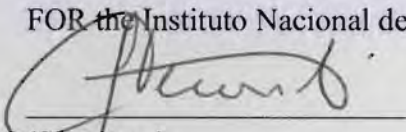


Article II

This Amendment shall enter into force on the date of signature by all parties.

IN WITNESS WHEREOF, the undersigned have signed this Amendment.

FOR the Instituto Nacional de Pesquisas Espaciais

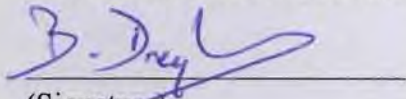

(Signature)

L.F. PERONDI
(Printed Name)

26/JUN/2014
(Date)

DIRECTOR
(Title)

FOR the Institut de Recherche pour le Développement

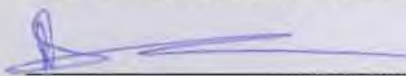

(Signature)

Bernard DREYFUS
(Printed Name)

28/07/2014
(Date)

Directeur général de l'IGN - OS Science
(Title)

FOR Météo-France of France

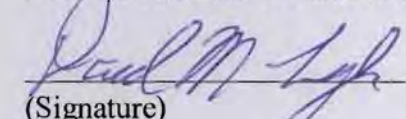

(Signature)

Alain SOULAN
(Printed Name)

23/07/2014
(Date)

Director General Adjunct
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FOR the National Oceanic and Atmospheric Administration


(Signature)

David M. Legler
(Printed Name)

6/17/14
(Date)

Chief Climate Ops Division
(Title)