INTRODUCTION

The SIRGAS Working Group met in Montevideo, Uruguay in May 2008 and created the SIRGAS Real Time Commission with the objective to develop the specifications and applications associated with the distribution in the SIRGAS area of observations and corrections of GNSS measurements in real-time through NTRIP in the long run.

The group was convened by Melvin Hoyer (University of Zulia and PDVSA, Venezuela) as coordinator, Roberto Pereiro Rodino (Republic University, Uruguay), Edilberto Simonas de Fonseca (San Paolo University, Brazil), Claudia Fuentes de Corrêa (Federal University of Ceará, Brazil) and Gianluca Nobile (IBGE, Brazil). The commission is trying to contribute with the study, development and disclosure of NTRIP as an important way to make SIRGAS as reference system in the continent.

Institutions working with NTRIP in the three countries:

**BRAZIL:**
- Instituto Brasileiro de Geografia e Estatística (IBGE)
- Universidade Federal de Santa Maria (UFSM)
- Universidade Estadual Paulista (UNESP)
- Centro de Hidrografia da Marinha (CHM)

**URUGUAY:**
- Universidad de la República (URA)
- Instituto Geográfico Militar (IGM)
- Universidad de la República (URUGUAY)
- Instituto de Geografía (URUGUAY)
- Universidad de la República (URUGUAY)
- Ministro de Ciencia y Tecnología (MCT)

**ARGENTINA:**
- Fundación Hartung Geodesia y Geofísica (HGG)

NTRIP ACTIVITIES IN VENEZUELA

- In 2007 first experiences in the use of NTRIP were conducted by MOSCA, a Venezuelan private company, obtaining successful results (Marquez A., 2007).
- Modernization of SIRGAS station MMA observational platform (Solok 25/250 RTK) linked to SIRGAS-NT and its applications. Since October 2008 current MMA belongs to SIRGAS-NT worldwide network.
- Some measurements in real time using NTRIP system over short, medium and large baselines were executed by IGGS-IUS with single and duplicate GPS receiver/DGPS correlation between NTRIP coordinates and those from static survey on the same points showed high potential (Briceno A., Melo R. 2009).

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REFERENCES