

SARDINIA RADIO TELESCOPE

Station report (*Carlo Migoni, Andrea Melis*), July 2015 – January 2016

EVN – TOG meeting – Madrid 08-09/02/2016

EVN observations

Session III 2015

18/21 cm: N15L3, EA057A, EY023, EH032A, EK036A,

5 cm: F15M1, ES072N, N15M2, ES072O, ES072P, EG073B

Session I 2016

SRT will join 5 cm and 18/21 cm sessions

EVN - OoS observations - 2016

SRT will join all the observations that requested his participation

VLBI EQUIPMENT

HARDWARE

DBBC2

Configuration: 4 IF, 4 ADB2, 4 CORE2

OS: WinXP

Firmware: 105_1, 105E_1

Notes:

FILA10G

Configuration: internal

Firmware: 3.3.3_1

Notes: connected to a MARK5C via BigIron router

MARK5C

Firmware: SDK9.3

Software: jive5ab-2.7.1

Notes: planned to upgrade to Debian Wheezy supporting 64 bit kernel and SDK9.4 after the end of EVN session I 2016

MARK5B+

Firmware: SDK9.3

Software: jive5ab-2.7.1

Notes: not actually used for observations but planned to upgrade to Debian Wheezy supporting 64 bit kernel and SDK9.4 after the end of EVN session I 2016

DBBC2

Configuration: 2 IF, 2 ADB2, 2 CORE2

OS:

Firmware:

Notes: in ordering from Rohde & Schwartz Italia

SOFTWARE

FIELD SYSTEM

Version: 9.11.8

Notes: partially integrated in DISCOS/NURAGHE (SRT control software) and installed in a Scientific Linux 5.3 OS

DISK PACK

Up to now, the SRT contribution to the EVN pool is 128TB.

Plan to contribute with a new order of 7000 € in the next months