

# **Minutes of 3rd FAIR-BINP coordination meeting.**

## **Session: Documentation for all machines**

**K.Istomin**

**BINP 25 November 2019**

Manuals for pre-assembly units are needed to be provided by BINP.

Objectives are:

- Agree scope & content of the required documentation
- Confirm contractual obligations and partners' responsibilities

### 1. Documentation for Collector Ring (CR)

A standard workflow for pre-assembly is in preparation for CR. It should not be a big problem because it is normally done like this by the BINP specialists (however, in Russian). Pre-assembly manuals for CR will be done after FAT, during SAT.

### 2. Pre-assembly manuals for other machines

A draft version of work instructions can be presented during CDR.

Pre-assembly manuals should be finalized after FAT.

Instructions should be thin & clear. BINP should do the instructions only for the things which it knows and does.

GSI will provide an example of work instructions to BINP, so BINP can compare them with the internal work instructions for HEBT.

Instructions for HEBT and pBar-target should be as similar as possible.

Important issues are

- transport of heavy components
- technical drawings
- electrical & water connections
- who is doing what

Totally there will be about 10 documents for work instructions.

Harald Hagelskamp and Hartmut Reich-Sprenger will write a proposal for the timeline, how to proceed with the work instructions.