

Report on the beam time using in the Nuclotron run (typical form).

Experimental setup (name)	Beam line number (bldg. 205) for extracted beam; if no extraction – the internal target station (ITS)	Date of the next technical commissioning of the setup	Theme number; full beam time (hours) approved for the project by the JINR PAC (form 29)	Project name OR the activity number in the theme and full name of the theme leader	Full name of the head of works and its deputy; full name of the responsible for radiation safety (during the works)
Beam time used during the current run (calendar hours, by fact)					
	Work with beam			Planned beam-off time	
Full time used	Time used for measurements	Time for setting the detectors up and/or preparations	Beam and regime tunings	Stops for the detector services	Technological stops of the accelerator
Not planned beam-off time for each particle species (by fact, hours)					
particle	Full time (beam-off)	Not planned detector services or regime tunings (re-tunings)	Setup stops (failures)	Not planned machine services or regime tunings (re-tunings)	Machine failures
d					
...
Beam characteristics (by fact) for each particle species					
Particles; user's priority (1-st user, 2-nd user, parasitic regime)	Kin. energy in the machine (GeV/n); beam magnetic rigidity (p/Z) in the beam line	Typical intensity (internal beam or at the extraction), particles/sec	Typical intensity at the target, particles/sec	Typical spill duration (by fact); typical beam size (X×Y, FWHM, mm) at the target	Full working time with the given kind of particles, hours
d (1)					
...
Full time used by the project in all runs (calendar time, hours: from the last project approval)					
Full time used	Full time for measurements	Full Time for setting the detectors up and/or preparations	Full time for the beam and regime tunings	Full time for the detector service stops	Full time for the technolog. stops of the accelerator
Not planned beam-off time (full, by fact, hours) with all used particle species (all runs)					
Particles (full list)	Full time	Setup: not planned services or regime tunings (re-tunings)	Setup stops (failures)	Not planned machine services or regime tunings (re-tunings)	Machine failures

Supplement (comments).
(should contain the following information:)

1. Brief description of the main results obtained (if necessary – with figures related with the main points).
2. Score of the machine work in general, score of quality (with quantitative parameters) of the beam delivered to the setup: time micro-structure, spatial characteristics, the beam composition (admixture of particles different from the requested).
3. Remarks, comments, suggestions (if necessary) directed to improvement of:
 - a. Presentation of information about machine status and parameters;
 - b. Control and monitoring of stability of beam-line regimes;
 - c. Parameters of the delivered beam;
 - d. Data content and exchange between control rooms at the setup and the machine;
 - e. Working conditions for personnel during the beam time.