



North Area Users Survey



The CERN North Area is a unique place to provide a large spectrum of particles beams at various energies for fixed target experiments and R&D projects. This outstanding site was built-up in the 1970's and CERN is actually investigating the needs of consolidation to keep this place as attractive as it always was for the scientific community.

We address this questionnaire form to you because you are (or have been) the responsible or the contact person for an experiment or test beam activities who have applied for beam time in North Area since 2014.

By filling out this form, you will help us to obtain a picture of the NA performances and reliability, to establish the needs for consolidation and to write a proposal. Please bear in mind the goal of this form submission is to obtain an assessment of the frequency and severity of the hardware failures. If possible, exclude problems with beam tuning not related to hardware failure.

Please, fill out as many forms as you have had tests or experiments in NA even within one year.

Filled in by:		Date:	Enter a date.
Email:			

Name of the experiment or test beam activity (e.g. NA60, COMPASS, RD42, UA9):

YEAR of beam time (from 2014 to 2017):	Choose a year.
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Particle type:

<input type="checkbox"/> electrons	<input type="checkbox"/> muons	<input type="checkbox"/> hadrons	<input type="checkbox"/> ions
Momentum:	Intensity:		

Beam line in which your set up was installed:

<input type="checkbox"/> H2	<input type="checkbox"/> H4	<input type="checkbox"/> H6	<input type="checkbox"/> H8	<input type="checkbox"/> M2	<input type="checkbox"/> P42/K12
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How long did you initially plan to take the beam (includes beam set up + data taking) – Installation and de-installation of your set-up must not be taken into account:

Please provide numbers in the most suitable unit (weeks, days, hours, number of shifts)

Weeks:	
Days:	
Hours:	
Shifts:	



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How long did you REALLY get the beam (please do not take into account the beam interruption that you managed voluntarily). Please provide in the most suitable unit (weeks, days, hours, amount of shift, % of the data taking duration initially planned)

weeks:	
days:	
Hours:	
number of shifts:	
% of the data taking time planned really taken:	

If possible, indicate whether the problem was in the accelerator, in the transfer line to NA target or in the secondary lines.

Other circumstances might have interrupted your data taking even having the beam available (e.g. cryogenic services interrupted for your SC magnet, access control remained stuck,..) How long your data taking was interrupted for such a type of reason, if any (please quantify in hours, days, amount of shifts, weeks,..)

You might have encountered an intermediate situation of data taking during which the beam was delivered but with a degraded quality. If possible, indicate whether the problem was in the accelerators, in the transfer line to NA targets or in the secondary lines. If possible, specified if the problem was related to hardware or beam tuning. Please give details as much as possible:

Satisfaction ranking for beam and facility availabilities (0 – 10)



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Other remarks / suggestions: