

Document identification ZAM 66	Document type REGULATION	S Class	Rev D	Page 1 (2)
Prepared by 1995 Anders Nilsson	Revised by Stefan Larsson	Approved by Environmental Manager Börje Karvonen		Date 14.04.2008

SPENDING TIME AT MASTS AND TOWERS

1 Validity

This regulation applies to all those who have work duties that entail spending time within or passing through a station's risk zone.

2 Risk zone

2.1 Risk zone with risk of falling ice

The risk zone is the area around the mast where falling ice can occur. This must be marked with permanent warning signs. The size of the risk zone is normally a circular area around the mast with a radius of $2/3$ the height of the mast.

If work is to be carried out immediately adjacent to the mast structure and the ice conditions seem doubtful, contact the responsible service manager who will then determine how and whether the work may be carried out. Feel free to use MMS picture messages to help provide individuals who are not on site with a basis for taking the right decisions.

2.2 Risk zone in the event of mast work

The risk zone is a circular area around the mast with a radius of $2/3$ the height of the workplace on the mast.

3 Protective equipment

Protective helmets must always be worn within the risk zone when there is a risk of falling ice or when work is in progress on the mast.

4 Responsibility

The owner of the facility who is responsible for coordination (the service manager) determines how the area is to be blocked off (not the project manager), unless otherwise agreed in writing. The coordination manager is entitled to stop the work in the event of failure to comply with the safety regulations for the station.

External contractors who are carrying out work on the station facility are responsible for their own staff, their own equipment and their own work. Unless otherwise agreed, they are also responsible for ensuring that the equipment being used is stored in a safe manner e.g. with regard to the risk of falling ice or falling objects from the mast.

5 Signs

When spending time at masts, or when such work is taking place that the risk of falling objects cannot be eliminated, a sign stating "**MAST WORK IN PROGRESS. RISK OF FALLING OBJECTS**" must be erected at the boundary of the risk zone and in other locations where outside individuals could possibly enter the risk zone around the facility. In the event of larger-scale and more prolonged work, marking tape can also be a good idea.

6 Entering and departing

In addition to these general provisions, locally issued directives may also occur. Information signs may also be present beside the access road at the boundary of the risk zone.

In conjunction with visits, the visitor must always acquaint himself with applicable provisions regarding access to the facility.

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Before entering the risk zone, and before the person concerned leaves the station building, this person must himself check that this can take place without any risk.

Before entering the risk zone in the winter, visitors in vehicles should stop the vehicle and check that there are no circumstances that might entail a risk of falling ice. If in doubt, the person responsible for the facility should be contacted.

In conjunction with the risk of falling ice or during mast work, restrictions are implemented regarding passage through the risk zone. In such cases, entry and departure may only take place after the following have been taken into consideration:

- When Teracom personnel are present at the facility and there is a risk of falling ice or mast work is in progress, the access road must be blocked with a barrier **or** any traffic lights must be on red. Station personnel or mast personnel must be contacted in the first instance, and the Operations Center must be contacted in the second instance. It is then necessary to wait for the go-ahead for entry or departure.
- If personnel from external companies are present at the facility to carry out mast work, the access road must be blocked and signed. The mast personnel must be contacted. It is then necessary to wait for the go-ahead for entry or departure.