

It remains to be decided whether there is a need to track the cargo at all times during the transport. The technology for constructing such a system is available using satellite technology.

## 2. Permitted uses

It cannot be excluded that inspectors may be present during the transport of chemicals from single small scale facilities to the site where the chemicals are needed.

In the rolling text the verification of transport of schedule 2 and 3 chemicals is covered by data reporting.

The special case not covered by the rolling text is the foreseen need to transport standard reference samples of chemical agents by the inspectors during on-site inspections and to analytical laboratories.

## H. Challenge inspections

The detailed provision for challenge inspections are still under negotiation.

The analytical requirements for challenge inspection cannot be foreseen in detail since they will depend on the specific circumstances. However, it seems to be a fair assumption that the analytical tasks discussed in part one of this report and referred to in table 1, will also cover the needs in connection with the challenge inspections. Similarly, it is likely that the range of instrumental options already available to inspectors will also be adequate for challenge inspection. Sampling is likely to be a primary requirement since the specific circumstances associated with a challenge inspection are highly likely to necessitate the provision of the most rigorous analytical proof practicable. This will also require the use of the most sensitive and reliable instrumentation available both for use on-site and in designated laboratories. The situation is analogous in many respects to the rigorous level of proof required with respect to allegations of use. The continuous development of the instruments and their miniaturization will increase the possibility to meet the most rigorous requirements.

Analytical and instrumental techniques cannot be relied upon to discover activities which will lead to launching of challenge inspections.