

Translation from Finnish

Legally binding only in Finnish and Swedish

Ministry of Economic Affairs and Employment, Finland

Decree of the Ministry of Economic Affairs and Employment on Space Activities

(74/2018)

By decision of the Ministry of Economic Affairs and Employment, the following is enacted by virtue of the Space Activities Act (63/2018):

Section 1

Applying for authorisation

An operator shall submit a written application for an authorisation referred to in section 5 of the Space Activities Act (63/2018) (hereinafter *an application for authorisation*) to the Ministry of Economic Affairs and Employment at least six months before the planned launch of a space object or three months before the acquisition of a space object in orbit.

Section 2

Application for authorisation

In addition to what is provided in section 5 of the Space Activities Act, the operator shall, in its application for authorisation, provide the following information for assessing eligibility for authorisation:

- 1) the operator's name, business identity code, contact information and domicile;
- 2) an extract from the Population Information System or the Trade Register concerning the operator;
- 3) technical details of the space activities, including the size and weight of the space object, the materials used in it, technical information on the propulsion, energy and other systems of the space object, its payload, planned frequencies, planned orbit details and mode of communication, as well as technical information on the earth stations and their planned location;
- 4) applied standards and quality management systems;
- 5) a description of the intended activities, including their purpose, objectives and duration;

- 6) the purpose of using the data transmitted or produced by the space object, the users or user groups, and the capacity of the measuring equipment, including the resolution, positioning accuracy, frequency bands and quality of remote sensing data;
- 7) a description of the operator's earlier space activities or other competence and expertise relevant to the carrying on of space activities, including the professional qualifications of the responsible persons;
- 8) information on the date and place of launch, the launch vehicle, and the launching company and its earlier launch history;
- 9) the estimated functional operating period of the space object, and the planned end-of-life measures;
- 10) copies of contracts relevant to the space activities or a summary of their essential content, including contracts concluded with the launching company and any launch broker as well as contracts for the insurance referred to in section 8 of the Space Activities Act;
- 11) financial statements for the three previous financial years or, if the operator has existed for less than three financial years, for the entire time of its existence;
- 12) an estimate of the costs of the activities and of how the costs will be covered;
- 13) information on those owners of the operator which have at least 10 per cent of the ownership or of the voting rights in the operator;
- 14) a copy of the operator's articles of association or partnership agreement or, as appropriate, of the rules of an entity or a foundation.

In its application for authorisation, the operator shall assess the risk of personal injury and material damage that the space activities may cause on the earth, in the airspace and in outer space and the risk of danger to public safety. The risk assessment shall describe the tests and any other measures conducted on the space object to ensure its safety and durability, and include a plan for failure situations. The risk identification and management shall cover the entire life cycle of the space object.

Section 3

Space debris

The operator shall seek to ensure that, within 25 years from the end of the functional operating period of the space object, the space object moves or is moved into the atmosphere or is moved into an orbit where it is considered not to cause any danger or harm to other space objects or other space activities.

Section 4

Registry of space objects

The operator shall provide the information referred to in section 6, subsection 2 of the Space Activities Act to the Ministry of Economic Affairs and Employment within one month from the launch.

Section 5

Insurance

The insurance referred to in section 8, subsection 2, paragraph 1 of the Space Activities Act shall cover at least the stage of launching the space object and the related operations until the time when the space object has settled into orbit.

The Ministry of Economic Affairs and Employment may refrain from requiring the insurance referred to in section 8, subsection 1 of the Space Activities Act if the risk of a collision between the space object and another space object in the orbit is lower than 1/1 000 and if the probability that the space object or its component parts will not burn in the atmosphere is lower than 1/10 000.

Section 6

Transfer of space objects or space activities

The operator shall submit a written application referred to in section 2 for the approval of a transfer referred to in section 11 of the Space Activities Act to the Ministry of Economic Affairs and Employment at least three months before the transfer.

Section 7

Obligation to provide information

The operator shall, without delay, inform the Ministry of Economic Affairs and Employment if

- 1) the date or place of launching the space object, the launch vehicle or the launching company changes;
- 2) the launch of the space object fails;
- 3) the space object, while in orbit, is no longer functional or the contact with the space object is otherwise permanently lost;
- 4) the purpose of the space activity changes;
- 5) the operator's technical expertise or competence to carry on space activities changes or weakens essentially;
- 6) the operator's financial capacity to carry on space activities changes or weakens essentially; or
- 7) a radio licence granted by the Finnish Communications Regulatory Authority is amended or withdrawn.

Section 8

Annual report

The operator shall, in an annual report, describe especially the state of the space activities, the functionality and any failures of the space object, any warnings and risks of collision, any environmental impacts and a plan for continuing, altering or discontinuing the activities. The report shall be accompanied with the latest approved financial statements of the operator.

Section 9

Entry into force

This Decree enters into force on 23 January 2018.

Helsinki, 23 January 2018

Minister of Economic Affairs Mika Lintilä

Commercial Counsellor Marjaana Aarnikka