

PCC.III/RES. 55 (VIII-97)

**MODIFIED QUESTIONNAIRE ON THE USE OF THE VSAT TERMINALS IN
THE AMERICAS**

The Eighth Meeting of the Permanent Consultative Committee III: Radiocommunications,

WHEREAS:

1. During the V Meeting of PCC III held in Brasilia, the application and distribution of the Questionnaire on the use of VSAT Terminals in the Americas was approved in order to obtain information from CITELE Member Countries on operating networks and technical standards, regulatory frameworks and interconnection criteria applied to VSAT;
2. Difficulties have arisen for collection of information required in the Questionnaire;
3. Information requested is highly important for the achievement of goals pertaining to rendering information on the use of VSAT Terminals concrete and publicizing it among CITELE Member Countries;

BEARING IN MIND:

that, within the quest for facilitating and fostering the supply of information identified as necessary, a new version of the Questionnaire, abridged and available both in printed paper and digital form, has been prepared;

RESOLVES:

1. to approve the new version of the Questionnaire on the Use of VSAT Terminals in the Americas, presented in the Annex to this resolution;
2. to request Member Countries to fill the questionnaire either in its new version or in the original one and send it to the Executive Secretariat.

INSTRUCTS:

the Executive Secretariat to distribute the modified Questionnaire among Member Countries and duly inform them on the available options for its filling and forwarding.

MODIFIED QUESTIONNAIRE ON THE USE OF VSAT TERMINALS IN THE AMERICAS

Aiming at collecting and analyzing information pertaining to the use of VSAT terminals by CITELE Member Countries, the following Questionnaire is presented, answers to which will be used for guiding the preparation of a document concerning the use of such terminals in the Americas, in addition to allowing the collection of information on technical standards, regulatory frameworks, interconnection criteria and other aspects associated to the particular features of said service in each country.

1. Country

2. National Telecommunications regulatory authority

3. Is there a regulatory framework for services provided through VSAT networks? Yes No

4. Modality used for license in the provision of VSAT services Explain
 License
 Concession
 Others

5. Deadline for concession

6. Requirement for the provision of VSAT

7. Is competition allowed in the provision of VSAT services? Yes No

8. Are there limitations or constraining conditions for foreign investment in the provision of VSAT services? Yes No
Explain

9. Authority establishing legal and technical standards for VSAT services
If different from the national regulatory authority, kindly explain how they interact

10. Authority controlling issuance of licenses for the sharing of bands and for VSAT terminals. If different from the national regulatory authority, kindly explain how they interact

11. Is direct access to the use of satellites allowed? If not, how does the service provider operate? Yes No

Explain

12. Are Taxes, fees or any particular sort of taxation applied to VSAT networks? Yes No
Explain

13. Satellite-owning or administration companies authorized to transmit signs from and to your country

NATIONAL	FOREIGN
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14. Are Providers of Services using VSAT allowed to have their own satellite systems? Yes No
Comments

15. Is the VSAT Service Provider free to choose its co-working satellite Service Provider? Yes No

16. Amount of licenses granted for VSAT service operation

17. Amount of existing VSAT terminal users

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18. Aspect controlled and assessed by the national regulatory authority
- Density of VSAT, HUBS Stations
 - Statistics on vanishing and interference
 - Geometry for the study of interference
 - Configuration and topology of installed systems
 - Propagation models to be applied
 - Technical parameters to be considered for the calculation of connections
 - Traffic studies
 - Schedules of communication flows
 - Atmosphere and climate conditions
 - Access techniques: TDMA, CDMA, DAMA, FDMA
 - Frequency reutilization, polarization and voice activity factors
 - Thresholds and power-flow density protection levels
 - Coordination distances
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19. Information speeds currently used in VSAT network in your country

20. Sharing and coordination criteria applied associated to other services operating in the same frequency bands

21. Capacity of satellite providers in your country

22. Present capacity demand for VSAT Services

23. Amount of transponders of satellite service providers in your country

24. Bands currently used or with a use forecast for VSAT Services in your country

<u>C BAND</u>	<u>Ku BAND</u>	<u>OTHERS</u>
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25. Which of the following services are delivered in your country through VSAT Networks?

- Basic Telephone Services
- Data
- Fax
- Videoconference
- Television / Radio
- Portable Telephone Services
- PCS
- DTH Services
- Others

26. Access techniques generally used for VSAT services in your country

27. Configurations or topologies more often used for VSAT services in your country

28. Types of VSAT networks apt to be implemented

- Domestic
- Regional
- International
- Others

29. Voice, data and video compression techniques being applied in the processing of VSAT terminals, earth stations (HUBS) and spatial segments

30. Is the "spread spectrum" access technique used in VSAT terminals and networks in your country ?	Yes	No
	<input type="checkbox"/>	<input type="checkbox"/>

Date of answer:
