

**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 CITEL 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 CITEL 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 CITEL 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 <input type="checkbox"/>	No <input type="checkbox"/>
4. Modality used for license in the provision of VSAT services <div style="display: flex; align-items: center;"> <input type="checkbox"/> License           <input type="checkbox"/> Concession           <input type="checkbox"/> Others         </div> Explain		
5. Deadline for concession		
6. Requirement for the provision of VSAT		
7. Is competition allowed in the provision of VSAT services?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
8. Are there limitations or constraining conditions for foreign investment in the provision of VSAT services? Explain	Yes <input type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>
Explain		

12. Are Taxes, fees or any particular sort of taxation applied to VSAT networks? Explain	Yes <input type="checkbox"/>	No <input type="checkbox"/>
13. Satellite-owning or administration companies authorized to transmit signs from and to your country	NATIONAL	FOREIGN
14. Are Providers of Services using VSAT allowed to have their own satellite systems? Comments	Yes <input type="checkbox"/>	No <input type="checkbox"/>
15. Is the VSAT Service Provider free to choose its co-working satellite Service Provider?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
16. Amount of licenses granted for VSAT service operation		
17. Amount of existing VSAT terminal users		
18. Aspect controlled and assessed by the national regulatory authority		
<input type="checkbox"/>	Density of VSAT, HUBS Stations	
<input type="checkbox"/>	Statistics on vanishing and interference	
<input type="checkbox"/>	Geometry for the study of interference	
<input type="checkbox"/>	Configuration and topology of installed systems	
<input type="checkbox"/>	Propagation models to be applied	
<input type="checkbox"/>	Technical parameters to be considered for the calculation of connections	
<input type="checkbox"/>	Traffic studies	
<input type="checkbox"/>	Schedules of communication flows	
<input type="checkbox"/>	Atmosphere and climate conditions	
<input type="checkbox"/>	Access techniques: TDMA, CDMA, DAMA, FDMA	
<input type="checkbox"/>	Frequency reutilization, polarization and voice activity factors	
<input type="checkbox"/>	Thresholds and power-flow density protection levels	
<input type="checkbox"/>	Coordination distances	
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		

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21. Capacity of satellite providers in your country

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22. Present capacity demand for VSAT Services

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

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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?

- |                          |                             |
|--------------------------|-----------------------------|
| <input type="checkbox"/> | Basic Telephone Services    |
| <input type="checkbox"/> | Data                        |
| <input type="checkbox"/> | Fax                         |
| <input type="checkbox"/> | Videoconference             |
| <input type="checkbox"/> | Television / Radio          |
| <input type="checkbox"/> | Portable Telephone Services |
| <input type="checkbox"/> | PCS                         |
| <input type="checkbox"/> | DTH Services                |
| <input type="checkbox"/> | Others                      |
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26. Access techniques generally used for VSAT services in your country

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

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28. Types of VSAT networks apt to be implemented

- |                          |               |
|--------------------------|---------------|
| <input type="checkbox"/> | Domestic      |
| <input type="checkbox"/> | Regional      |
| <input type="checkbox"/> | International |
| <input type="checkbox"/> | Others        |
- 

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

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

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