## ITU-T

TELECOMMUNICATION G.7042/Y. 1305
(03/2006)

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## Link capacity adjustment scheme (LCAS) for virtual concatenated signals

ITU-T Recommendation G.7042/Y. 1305

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# Link capacity adjustment scheme (LCAS) for virtual concatenated signals 

## Summary

This Recommendation specifies a methodology for dynamically changing (i.e., increasing and decreasing) the capacity of a container that is transported in a generic transport network (e.g., over SDH or OTN network using Virtual Concatenation). In general, this change of capacity does not affect the traffic. In addition, the methodology also provides survivability capabilities, automatically decreasing the capacity if a member experiences a failure in the network, and increasing the capacity when the network fault is repaired.

## Source

ITU-T Recommendation G.7042/Y. 1305 was approved on 29 March 2006 by ITU-T Study Group 15 (2005-2008) under the ITU-T Recommendation A. 8 procedure.

## Keywords

Link capacity adjustment scheme, optical transport network, synchronous digital hierarchy, virtual concatenation.

