Proposed Outline of the report from the activity

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This contribution is in response to the CFC and according to the main idea as ICAID required as following….

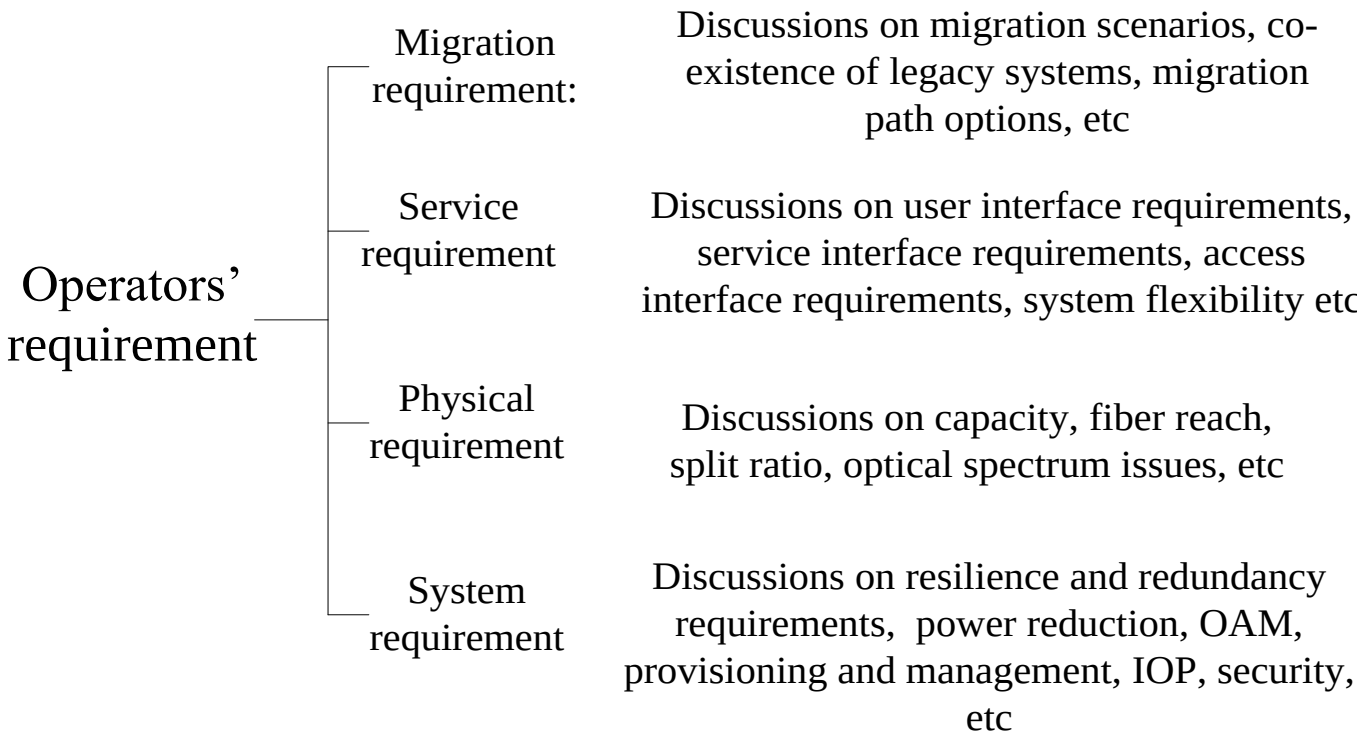
5. Proposed Deliverables

Outline the anticipated deliverables and output from this IC activity, such as documents, proposals for standards, conferences and workshops, databases, computer code, etc., and indicate the expected timeframe for each.

The activity will generate a report which will detail: (a) operators' requirements, (b) technological and economic tradeoffs of various approaches to next generation EPON, (c) the state of the art for optical subscriber access network technology, and (d) potential solutions that merit further consideration.

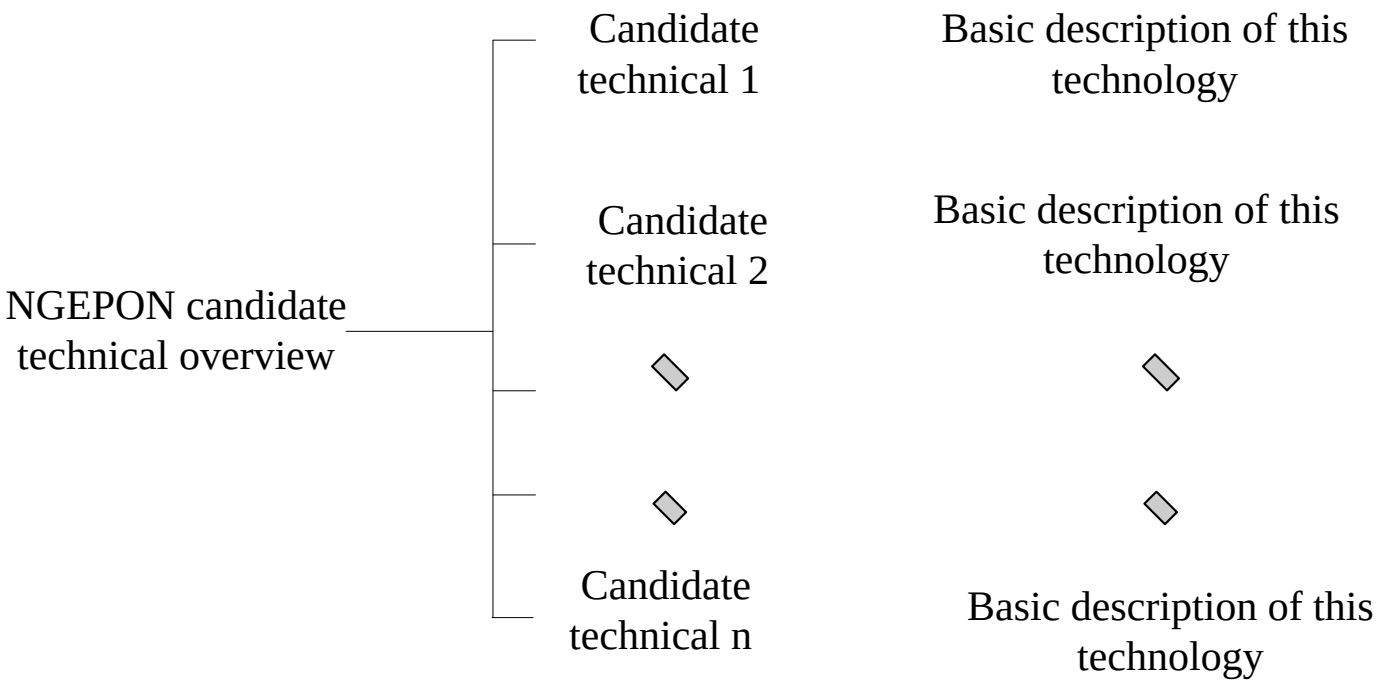
Proposed Outline

- 1st chapter is proposed to be a general agreement on operators' requirements.



Proposed Outline (cont.)

➢2nd chapter is proposed to be an overview of potential candidate technologies.



Proposed Outline (cont.)

➢3nd chapter is proposed to be a deep summary of each potential candidate technologies.

Each candidate technical include	Physical architures/configurations	Head-ends and ODN configurations.
	Multiplexing and multiple access techniques	Characterization of the downstream multiplexing and upstream access techniques.
	Wavelength plan	Preferred wavelength plan, or options for the wavelength plan.
	Co-existence with legacy PON systems	The capability to co-exist with legacy PON systems and OTDR devices, taking into account wavelength and power considerations
	Migration scenario	Description of the steps needed to migrate from a legacy deployment to a NGEPON deployment in co-existence scenario
	Resilience architectures	Architectural components that enable PON resilience based on the configurations described in SiEPON document
	Provisioning, management, administration, faults	ONU provisioning considerations; ONU monitoring, testing, fault isolation, as affected by the particular architecture
	Services and QoS	Range of services available and how they are affected by the architecture; QoS issues if applicable
	PHY parameters	Power budgets, fiber reach, splitting ratio, etc

Thank you

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