Decisions on Recommendations (DORs) Matrix from the Second of Two Rounds of Public Consultation on the Framework on Net Neutrality in Trinidad and Tobago

The following summarises the comments and recommendations received from stakeholders during the second round of consultation on the *Framework on Net Neutrality in Trinidad* and *Tobago* (the Framework), held in August to September 2024, and the decisions made by the Telecommunications Authority of Trinidad and Tobago (the Authority) as incorporated in the revised document.

The Authority wishes to express its appreciation to the following stakeholders for their comments:

- 1. Columbus Communications Trinidad Limited (CCTL)
- 2. Digicel (Trinidad & Tobago) Limited
- 3. Telecommunications Services of Trinidad and Tobago Limited (TSTT)

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1.	General	Entire Document	Digicel	Digicel (Trinidad & Tobago) Limited ("Digicel") wishes to thank the Authority for the opportunity to provide its feedback on this document in this second round of consultation. The views expressed herein are not exhaustive. Failure to address any issue in this response does not in any way indicate acceptance, agreement or relinquishing of Digicel's rights.		The Authority thanks Digicel for its participation in the second round of consultation on the Framework on Net Neutrality in Trinidad and Tobago (the Framework).
2.	General	Entire Document	TSTT	Telecommunications Services of Trinidad and Tobago Limited ("TSTT") appreciates that the Telecommunications Authority of		The Authority thanks TSTT for its participation in the second round of consultation on the Framework.

Iten	1 Section	Section Title	Stakeholder	Comments	Recommendations	TATT's Decisions
				Trinidad and Tobago ("TATT") has given operators the opportunity to comment on		The Authority notes TSTT's statements on the competitive nature of the broadband
				these matters. It should be noted that TSTT's		market in Trinidad and Tobago and its
				comments on this document do not preclude		recommendation to explore self-regulation
				TSTT from making further comments in the		as an alternative approach to addressing net
				future.		neutrality concerns.
				TSTT, along with other commenting ISPs,	TSTT strongly recommends that TATT	The Authority notes that certain market
				reiterates the robustly competitive nature of	substantiates the need for the proposed net	characteristics, such as network
				the telecommunications market in Trinidad	3	concentration, may limit effective
				and Tobago. This competitive market	potential harm or market failure. The	competition and, in turn, reduce incentives
				significantly reduces the risk of anti-	current justification, based solely on	for Internet service providers (ISPs) to
				competitive behavior, thus questioning the	potential anti-competitive behaviour, is	implement fair practices regarding net
					•	neutrality. Even in regions where
				regulations. TATT is asked to acknowledge	market.	infrastructure competition exists, such as
				the potential adverse effects of such	To answer a halamand and avidence hazad	within the European Union (EU),
				regulations, including decreased investment and stifled innovation, which could		regulatory oversight remains essential to
				ultimately harm consumers and hinder the	approach, TSTT recommends that TATT conduct the necessary comprehensive	ensure the open access and protection of consumer choice. In these cases, net
				overall growth of the telecommunications	analysis to evaluate the potential impact of	neutrality fosters investment, improves
				sector in Trinidad and Tobago.	net neutrality regulations on investment and	access to high-capacity connectivity, and
				sector in Trinidad and Tobago.	innovation considering the actual market	ensures competitive conditions. This is
				While TATT's proactive stance in preventing	realities in Trinidad and Tobago. Further,	particularly relevant to Trinidad and
					TATT should explore alternative, less	Tobago, where market concentration could
				appreciated, their justification for net	_	potentially affect consumers' ability to
				neutrality regulations, based on potential		access a diverse range of services and
				risks rather than concrete evidence, raises		pricing options.

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				concerns. Key industry stakeholders, including Digicel, CCTL, and TSTT, have highlighted the absence of market failure or anti-competitive practices, underscoring that such regulations may be unnecessary and potentially detrimental. The industry's position is that the competitive market dynamics will naturally self-regulate, making heavy-handed regulations counterproductive. TSTT, echoing the sentiments of CCTL and Digicel, maintains its stance that imposing regulations in a thriving competitive market could inadvertently stifle innovation and investment. This emphasises the need for a balanced regulatory approach that fosters growth while safeguarding consumer interests.	encouraging self-regulation within the industry.	The Authority acknowledges TSTT's concerns regarding the potential impact of net neutrality regulations on investment and innovation. In response, the Authority emphasises that the Framework strikes a balance, by allowing flexibility for providers to explore innovative business models within a transparent and fair regulatory environment. This approach aims to protect consumer interests while still encouraging investment in the sector. Specifically, the Framework permits commercial practices such as zero-rating and paid prioritisation, provided these practices meet specific conditions that ensure competition is preserved and consumer rights, including access to a good-quality, non-discriminatory Internet service, are upheld. The Authority emphasises that waiting for clear market failures before implementing safeguards may expose consumers to potential harm and lead to reactive, rather than preventive, regulation. Proactive measures are essential to addressing potential risks before they escalate,

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						safeguarding the integrity of the digital market, and ensuring fairness for consumers. Across various jurisdictions, proactive net neutrality measures have proven effective in curbing anticompetitive behaviour and promoting market growth.
						The Framework provides an evidence-based approach to assessing and addressing discriminatory practices by ISPs. It emphasises ex post measures that ensure consumer protection and fair competition while fostering investment and innovation in network practices.
3.	1.1	Background	CCTL	The views expressed herein are not exhaustive. Failure to address any issue in this response does not in any way indicate acceptance, agreement or relinquishing of Columbus Communications Trinidad Limited's (CCTL's) rights. Upon examining Appendix I: Decisions on Recommendations (DoRs) on the consultative document "Framework on Net Neutrality in Trinidad and Tobago,"	CCTL recommends that TATT reassess the premise for the need for this framework of net neutrality rules based on a singular assessment of ISP transmission practices that have not been substantiated. CCTL also suggests that TATT puts more focus on a renewed legal and regulatory framework targeting enhanced market contestability, which, <i>inter alia</i> :	The Authority thanks CCTL for its participation in the second round of consultation on the Framework. The Authority notes CCTL's recommendation to focus on a renewed legal and regulatory framework for enhanced market contestability. The Authority advises that it is actively supporting the Ministry of Digital Transformation in the promulgation of

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				published alongside this consultation document, CCTL appreciates the Telecommunication Authority of Trinidad and Tobago's (TATT) clarification on its proceedings. However, CCTL maintains that the premise of introducing a Net Neutrality framework at this time is unfounded, as there is no demonstrated need, as determined by: 1. data or cases addressing discriminatory, anti-competitive Internet traffic management practices; and/or 2. clear signs of market failure, competition distortion, or harms.	 fosters a level playing field for all players; promotes market flexibility and innovation; and drives local market growth through clear, fit-for-purpose competition rules 	proposed amendments to the Telecommunications Act, Chap. 47:31 (the Act), which will address current market trends and sectoral changes, further promoting competition and market growth. Until such amendments are finalised, the Authority continues to operate under the existing legislative framework to fulfil the mandates of the Act, ensuring that competition remains fair and consumers are protected.
				By its own admission, TATT's statement in the DOR that it "has been unable to confirm that the market is sufficiently competitive to adequately protect against market failure or to forgo the safeguards. [sic] of net neutrality regulation", also highlights TATT's uncertainty concerning the market's capacity to act upon potential failures linked to ISP traffic management and commercial practices, and whether this is a current, legitimate risk.		The Authority notes CCTL's perspectives on introducing a net neutrality framework but underscores that proactive regulation is essential for preventing potential consumer harm and market imbalances. Self-regulation is only viable in markets with well-established competition that inherently discourages anti-competitive practices. As stated in the previous round of consultation, in formulating its policy on

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				There are three troubling matters with the		net neutrality, the Authority has carefully
				foregoing approach, namely:		examined the competitive dynamics in the
						telecommunications sector. It assessed the
				1. an absence of a specifically identified		likelihood and risks of market failure and
				regulatory problem based on observed		the potential repercussions on consumers
				current practices or instances of		and the broader public if net neutrality is
				suspected infractions of concession		compromised. The Authority's evaluations
				conditions related to reasonable network		have included evidence gleaned from
				management. As net neutrality rules can		industry trends indicated in its annual and
				be logically deduced as a balancing act it		quarterly market reports; consumer
				is noteworthy that there is a dearth of		experiences and expectations recorded in its
				clear representations from various		complaints procedures and surveys; past
				stakeholder groups on this matter;		ISP infringements of net neutrality; and
						competition metrics such as the Herfindahl-
				2. a lack of specific trends or evidence-		Hirschman Index (HHI) and price
				based forecasts for the local digital		movements. Based on this analysis, the
				industry as demonstrated through		Authority concludes that regulatory
				methodology such as foresighting, which		safeguards for net neutrality are necessary.
				could imply that anticipatory rule making		Wid of Cl II I
				is required at this time were smart		With respect to the promotion of broadband
				industry targets for development to be		investment, the Authority underscores that
				set; and		the Framework is designed to foster a
						balanced environment where investment in
						broadband infrastructure can thrive. By
				3. an absence of a rationale for prioritising a		adopting a primarily ex post approach to net neutrality, the Framework allows for
				strong regulatory tool in this local context		
				for which the regulatory problem is not		flexible practices, such as zero-rating and

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				apparent or insufficiently identified		conditional paid prioritisation, provided
				and/or defined.		these practices are subject to safeguards
						that preserve competition and ensure
				Despite the Framework's stated intentions,		consumer rights. These safeguards are
				TATT is missing the mark in fostering		critical for maintaining high quality of
				investment in broadband infrastructure as this		service (QoS) and quality of experience
				measure is ill-suited to current concerns ergo		(QoE) for consumers.
				not fit-for-purpose. Furtherance of the		
				proposed approach may lead to an		The Framework's flexible approach
				unintended consequence of regulatory risk. It		encourages investment by providing a
				is important to highlight that between 2011		regulatory environment that is not overly
				and 2015, when net neutrality rules were		restrictive, allowing ISPs to innovate and
				being debated in the US by the FCC, the mere		offer differentiated services. At the same
				prospect of these regulations led to a 20-30%		time, the Framework ensures that such
				reduction in ISP investment in network		practices do not undermine the objectives
				upgrades, equating to a \$150-\$200 billion		of the Act, which include promoting
				decrease. Even after the rules were enacted		investment, consumer protection, and
				from 2015 to 2017, US broadband		competition. By allowing for these
				investments declined for the first time during		practices within a regulated framework, the
				a non-recession period.		Authority is creating an environment where
						broadband infrastructure investment can be
				In the local context, broadband access has not		encouraged, ultimately leading to improved
				been recognised as a public utility or an		services for consumers, while ensuring fair
				essential service, a notable contrast to		competition and protecting consumers'
				regulatory environments where net neutrality		rights.
				is being debated. If broadband were classified		
				as such, it would warrant a comprehensive		

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				regulatory approach aimed at incentivising growth and promoting competition in the industry, along with revised procedures for market notifications, authorisations, and compliance for all entities providing electronic communications networks and services to the public. This Framework does not make a logical association between the application of net neutrality rules on the one hand, and, inter alia, the stated aims for broadband development, local innovation, and fostering competition.		
4.	1.1	Background	Digicel	Reference is made to the Authority's inference in its framework document: "Additionally, a net neutrality policy acts as a safeguard against market failure and anticompetitive practices, by promoting the equal treatment of traffic. This fosters a competitive environment where innovation can thrive, and consumers have access to a wide range of services and content." It is Digicel's position that the aforementioned assertion made by the Authority is incomplete and as a result further analysis needs to be undertaken to verify said	Authority to undertake a comprehensive review of the effectiveness of Net Neutrality as currently encapsulated within its draft framework as well as incorporate the findings of its regulatory	adaptation of its regulatory frameworks. Similar to jurisdictions such as India, the Authority has engaged in a comprehensive consultation process on net neutrality since

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				statement. Considering the ongoing debate as		periodic assessments to evaluate the
				to whether Net Neutrality as currently framed		effectiveness of its policies. These
				in the Authority's Net Neutrality framework		assessments will focus particularly on the
				is fit for purpose owing to the extant		evolving Internet ecosystem, technological
				regulatory/market imbalances as pertains to		advancements, market dynamics, and
				the treatment of large traffic generators and		consumer expectations. The Authority will
				the evolutionary trends (i.e., market		review the impact of the Framework on
				dynamics, pricing and provisioning of		broadband quality, investment, and
				internet protocol ("IP") services) in the		competition, to ensure that it remains
				domestic internet/broadband market.		relevant and aligned with current market
						conditions.
				Digicel refers to the Authority's statement on		
				its approach to treating with Net Neutrality		With respect to the connection between the
				and Over-the-Top services ("OTT's") as set		Framework and the Authority's framework
				out in its response to Digicel in the First of		on OTTs, the Authority notes that this
				Two Rounds of Public Consultation on the		Framework offers broad principles for how
				Framework on Net Neutrality in Trinidad and		ISPs should treat traffic, allowing for
				Tobago (March 2022) Decision on		commercial arrangements that align with
				Recommendations (DOR's) document,		fair competition principles, as outlined in
				"Notwithstanding, this, both topics (OTTs		the Act. This approach facilitates a
				and net neutrality) are being considered by		competitive environment while
				the Authority simultaneously".		safeguarding consumer interests.
				It is reasonable to expect that the findings of		Furthermore, by establishing these
				the Authority's OTT assessment would		principles, the Framework complements the
				significantly inform its posture on Net		OTT Framework by ensuring that the
				Neutrality. Rather, we are currently		treatment of OTT services by ISPs adheres
				enmeshed in a scenario where the supposed		to principles of fairness and transparency.

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				findings of the Authority's OTT assessment		
				would not be considered in the current		Importantly, the Authority's focus on net
				iteration of its Net Neutrality framework.		neutrality does not preclude the Authority's
				This approach does not bode well for		work on OTTs. The Framework on OTT
				ensuring regulatory certainty in the relevant		has been developed in accordance with
				market and suggests that the Authority may		ITU's recommendations on non-
				constantly be on the backfoot on the		discrimination, which ensures that OTTs
				treatment of Net Neutrality.		operate within a fair and competitive
						environment, in line with the overarching
				As articulated (see below) in the Authority's		principles of net neutrality.
				Consultative Document titled 'Framework on		
				Over-The-Top Services (OTTs) in Trinidad		This Framework is essential for guiding the
				and Tobago' there is a commitment by the		interactions between OTTs and network
				Authority to engage in some form of		providers, as it provides a foundation for
				regulatory analysis/assessment on OTT's:		ensuring that traffic is treated equally,
						fostering fair access to services. At the same
				Policy Statement Five (5) of the Authority –		time, it allows for collaboration between
				"In the short-term, the Authority shall		OTTs and network providers, by adopting a
				conduct an examination of specific OTT		flexible ex post regulatory approach that
				services or classes of OTT services against		encourages partnerships and innovation,
				the existing legislative framework, to identify		such as zero-rating and conditional paid
				whether the OTT services in question legally		prioritisation.
				fall within the scope of the Act";		
				Policy Statement Six (6) of the Authority -		The OTT Framework, which was published
				"The Authority shall continue its regulatory		in October 2024, includes timelines for the
				work to address market changes arising out		proposed regulatory assessments. These
				of technological advancements, to ensure		timelines outline the Authority's planned

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				that effective and fair competition is maintained".		approach to reviewing and assessing the regulatory landscape for OTTs in Trinidad and Tobago.
				It should be noted that Digicel's assertion is		
				premised on the Authority's lack of clarity on		
				clearly defined timelines regarding the start		
				and end-dates of its supposed regulatory assessments and revisions as set out by the		
				Authority in its framework document. In the		
				absence of said clarification, it is prudent to		
				ascertain how the Authority would channel		
				the findings of its OTT assessment to its		
				overall contemplation of Net Neutrality as fit		
				for purpose as set out in its draft framework;		
				especially where there is a clear nexus or		
				correlation between both regulatory concerns.		
				Further reference is made to the United		
				Kingdom's Telecommunication Regulator		
				(referred to hereafter as 'OfCom') Net		
				Neutrality Review.		
				By way of background, net neutrality rules		
				were introduced into European Union law in		
				2016. Upon the United Kingdom exiting the		
				European Union (i.e., inclusive of the		

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			transition period), the aforementioned net neutrality rules, with minor amendments, became part of United Kingdom domestic law. The OfCom undertook a comprehensive assessment which commenced in September 2021 and ended in October 2023. This exercise was focused solely on assessing the effectiveness of its net neutrality framework. The OfCom indicated that its approach to engaging in such an exercise was driven by "a significant evolution of the internet ecosystem" such as exponential increments in traffic volumes, large proportion of internet traffic driven by several large content providers (Amazon/Netflix), gatekeeping by other providers in the internet value chain (Apple/Google) and technological advancements that facilitate the opportunity to provision a plethora of new, diverse and innovative services on both fixed and 5G networks.		

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				According to OfCom (2023) ¹ , the aforesaid		
				developments has led to "competing views		
				on the effectiveness of the current net		
				neutrality framework". Some of the		
				viewpoints held by both Internet Service		
				Providers and mobile network operators		
				include the inability to innovate and recoup		
				costs from content providers driving		
				significant traffic on their networks and the		
				point made by content providers that the rules		
				are necessary to support innovative services.		
				Digicel draws the attention of the Authority		
				to one of OfCom's findings as set out in the		
				overview of its 2023 assessment, it reads as		
				follows:		
				"However, because the net neutrality rules		
				constrain the activities of the ISPs, they may		
				be restricting their ability to innovate,		
				develop new services and manage their		
				networks. This could lead to poor consumer		
				outcomes, including higher costs, or		
				consumers not benefiting from new services		
				as quickly as they should, or at all. These		
				potential downsides might become more		

 $^{^{\}rm 1}$ OfCom (2023). Net Neutrality Review. 26th October 2023.

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				pronounced in the future, as people's use of		
				online services expands, traffic increases,		
				and more demands are placed on networks".		
				The OfCom 2023 assessment also suggests in		
				its overview of the internet value chain that		
				"net neutrality rules limit the actions ISPs		
				can take, but do not restrict other parties in		
				the value chain. Since the rules were put in		
				place, players with strong market positions		
				have developed throughout the internet value		
				chain and are not constrained in the same		
				way as ISPs by the net neutrality rules".		
				In light of the abovementioned, it would be		
				prudent and necessary for the Authority to		
				undertake a comprehensive review of the		
				effectiveness of Net Neutrality as currently		
				encapsulated within its draft framework as		
				well as incorporate the findings of its		
				regulatory analysis/examinations on OTT's		
				as part of said regulatory review.		
				The current form of the Net Neutrality		
				Framework as presented by the Authority		
				now, does not give consideration to the		
				evolution and currently evolving internet		
				ecosystem and the resulting regulatory		

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				issues/concerns. Using this current Framework that lacks applicability to the current internet ecosystem is ill advised.		
5.	1.2	Purpose	Digicel	The Purpose of this document clearly indicates the promotion of fair competition but makes no reference to inherent regulatory imbalances as well as other competitive concerns in the domestic broadband/Internet market.	In the spirit of proactive regulatory action, a comprehensive assessment on the applicability of Net Neutrality as currently framed in the Authority's draft framework document to the internet market given the rapid evolutionary trends in the domestic internet market is prudent at this juncture.	The Authority acknowledges the concern expressed regarding regulatory imbalances and the rapid evolutionary trends in the domestic Internet market. In its framework on OTTs, the Authority has outlined its approach to addressing these issues, particularly with respect to OTT competition and authorisation in Trinidad and Tobago. Regarding the need for a comprehensive review of the applicability of the Framework, the Authority reiterates that this has been achieved through the extensive consultation process that has, over the years, shaped the direction of the Authority's policy on net neutrality. This includes its adoption of a more ex post approach to net neutrality. Furthermore, the Framework has been amended to include details on the rationale for a net neutrality policy specific to Trinidad and Tobago.

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						In addition to these efforts, the Authority has conducted comprehensive assessments over the years to ensure that the Framework is fit for purpose. These assessments have examined market dynamics, technological advancements, and evolving consumer demands, providing a robust foundation for policy decisions that align with the needs of stakeholders and the broader telecommunications ecosystem. The Authority will continue to conduct periodic assessments and reviews of the Framework to ensure it remains relevant and effective in addressing emerging market conditions, fostering competition, and promoting investment in infrastructure.
6.	1.3	Objectives	CCTL	Further to its original objectives TATT has outlined that this Framework seeks to, inter alia: 1. present the policy considerations for net neutrality which are aimed at promoting and protecting the interests of stakeholders	Priority and focus should be placed on legislative and regulatory changes needed to update the current telecommunications framework. TATT should embark on a more holistic assessment of the digital value chain to foster a level playing field for all players and ensure that market development is driven through clear, fit-for-purpose competition rules.	The Authority acknowledges the value of industry-led initiatives, such as the CANTO Code of Practice for Safeguarding the Open Internet (the Code). While the Code aligns with several principles of the Framework, it is essential to recognise that self-regulation, though beneficial, may not always provide the same level of enforceability and accountability as a formal regulatory

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Item	Section	Section Title	Stakeholder	We believe the proposed Framework fails to adequately consider the interests of ISPs. In reviewing the DOR, CCTL notes that TATT has overlooked a significant industry-led initiative: the CANTO Code of Practice for Safeguarding the Open Internet (the Code). While TATT acknowledges that the Code aligns with the principles of the Framework, it has provided unsubstantiated claims about the Code's reach and effectiveness. The Code is not limited to CANTO members, and the potential of peer enforcement should not be underestimated. Although TATT expresses concerns about regulatory gaps in industry-led self-regulation, it illogically concludes that net neutrality should be enshrined in the regulatory framework to uphold competition and consumer protection. CCTL questions the true interests promoted by the Framework, especially given its previous submissions and alignment with other	Recommendations	framework. The Authority believes that a clear and consistent regulatory approach is necessary to ensure that competition is maintained, and consumer protection is upheld in the face of market evolution. Notwithstanding this, the Authority reminds stakeholders of its willingness to align its monitoring and compliance processes with established methods used by ISPs, including their adherence to the CANTO Code. To this end, the Authority aims to reduce the additional burden of information submission by leveraging existing processes, ensuring a more efficient regulatory framework that minimises duplication and respects industry efforts while ensuring proper oversight.

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7.	Section 1.3	Section Title Objectives	TSTT TSTT	This Framework: 1. "presents the policy considerations for net neutrality which are aimed at promoting and protecting the interests of stakeholders." TSTT acknowledges TATT's stated goal of promoting stakeholder interests through the proposed net neutrality considerations. However, the strong objections raised by all ISPs during the first round of consultations	TATT's net neutrality framework, while aiming to protect the open internet, neglects the legitimate concerns of ISPs regarding financial sustainability, infrastructure investment, and innovation. A more balanced approach that considers the interests of all stakeholders, including ISPs, is necessary to ensure a sustainable internet ecosystem marked by robust innovation. TATT should consider allowing for paid prioritisation and zero-rating, which can incentivise network investment and foster	The Authority acknowledges TSTT's concerns regarding financial sustainability and infrastructure investment. The Framework has been developed with careful consideration of all perspectives, aiming to establish a balanced policy that promotes competition and safeguards consumer interests, while fostering an environment conducive to innovation and investment. To address the specific needs of ISPs, the
				indicate a clear disconnect. TSTT, and other ISPs believe that our interests are being overlooked, as the framework, while potentially benefiting Content Providers ("CPs") and consumers, neglects key ISP concerns like financial sustainability, infrastructure investment, and innovation. TSTT argues that net neutrality, by limiting practices like paid prioritisation and zero-rating, impairs ISPs' ability to generate revenue, potentially hindering network upgrades and innovation.	innovation, without necessarily harming the principles of net neutrality. Additionally, addressing the growing influence of powerful CPs and CDNs in the internet ecosystem is crucial to ensure a fair and	Authority has incorporated provisions that

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				Additionally, the burden of network maintenance and expansion falls on ISPs, despite big tech companies being a major strain. TSTT believes that net neutrality, by preventing ISPs from charging content providers for prioritised delivery, creates an unfair cost allocation. Finally, TSTT argues that the regulatory framework does not fully reflect evolving market dynamics, especially with the growth of powerful CPs and Content Delivery Networks ("CDNs"), which can create market imbalances		(CDNs), which introduces new dynamics in the Internet ecosystem. These emerging influences are comprehensively addressed in the OTT Framework which was published in October 2024. The OTT Framework specifically focuses on maintaining a fair and competitive market for all players.
8.	1.4	Scope	Digicel	Upon review of the text, it appears that the Authority's framework document is only focused on remedying supposed consumer rights infringements with no attention given to the issues faced by internet service providers ("ISPs") as a result of the adoption of Net Neutrality (i.e., regulatory/market imbalances being faced by ISPs as a result of adhering to Net Neutrality as a whole). This uneven approach to analyzing net neutrality does not bode well for the Authority's standing as an unbiased arbiter in the contemplation of telecommunications matters in accordance with the Objects of the	Net Neutrality framework document to account for its treatment of matters arising from the evolution of the internet/broadband domestic market (i.e., regulatory/market imbalances, evolving market dynamics in the pricing and	ISPs that may infringe on consumer rights

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				Telecommunications Act - Section 3(f) and functions and powers of the Authority as set out in Sections 18 (1) (d) and (p) of the Telecommunications Act. By virtue of these Sections, there is an obligation on the Authority to ensure sustainable growth and development of the telecommunications industry as well as create an environment to encourage investment, which is done via ISPs in order to foster proper development and advancements in the industry. Not taking into consideration the impact and effects experienced by the ISPs in the context of Net Neutrality is counter to the Authority's legislative obligations.		The Authority has carefully considered ISPs' perspectives and broader market dynamics in developing the Framework. As such, it has adopted a balanced and flexible approach, allowing practices like zero-rating and paid prioritisation under specific conditions to support ISP revenue generation and encourage investment in network infrastructure. This ensures that the Framework remains responsive to market realities while aligning with the principles of net neutrality.
9.	1. 5	Relevant Legislation and Regulatory Instruments	Digicel	As highlighted in Section 1.4, it comes across that the Authority's treatment of net neutrality and its attendant provisions is solely directed towards the treatment of consumer concerns. This is despite the reference that was made to Section 3 (f) of the Telecommunications Act which states as follows: "3. The objects of the Act are to establish conditions for —	consider examining whether Net Neutrality is fit for purpose in its current form given the evolution of the internet ecosystem as well as extant regulatory/operator	The purpose of the Framework is to outline the Authority's policy positions on net neutrality, setting the foundation for how ISPs' traffic management and commercial practices will be assessed. These positions guide the Authority in examining practices such as zero-rating and paid prioritisation, ensuring that consumer interests – specifically in relation to the quality of their broadband experience –are protected. Moreover, the policy aims to promote fair

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						competition within the telecommunications
				(f) promoting the telecommunications		sector, creating an environment that
				industry in Trinidad and Tobago by		upholds consumer rights while fostering a
				encouraging investment in, and the use of,		level playing field for all service providers.
				infrastructure to provide telecommunications		
				services;"		The Framework also seeks to encourage
						collaborative relationships between OTT
				The Authority is reminded that Net		providers and traditional
				Neutrality sets out the 'must carry' obligation		telecommunications service providers
				for all traffic passed by content service		(TSPs), aligning with section 3(f) of the
				providers on broadband providers' networks.		Act, which mandates support for industry
				In the European Union ("EU") and in		growth through infrastructure use and
				countries that have enacted Net Neutrality		investment. By providing structured
				provisions, ineffectual price signaling is		guidance on net neutrality, the Framework
				worsened by the manner in which Net		facilitates OTT-TSP partnerships that can
				Neutrality is being interpreted and applied.		enhance service delivery and drive
				The primary aim of Net Neutrality rules in the		infrastructure investment, benefiting
				European Union, is to protect end-users		consumers and service providers alike. This
				access to Internet content. Net Neutrality was		collaborative approach promotes a
				not conceptualized to lock-in a particular		sustainable ecosystem that balances
				commercial model in the internet/broadband		consumer access rights with the operational
				market.		flexibility TSPs need to maintain efficient
						networks.
				The Authority is also aware that there have		
				been concerns raised by ISPs/Regulatory		In this evolving digital landscape, the
				bodies over the current application of Net		Framework thus supports both innovation
				Neutrality by Large Traffic		and accountability, ensuring that ISPs'

Item	Section	Section Title	Stakeholder	Comments	Recommendations	TATT's Decisions
Item	Section	Section Title	Stakeholder	Generators/Content Service Providers et al. Some of these concerns include: 1. Broadband providers must abide by "must carry" rules without commensurate fair usage expectations on the side of Large Traffic Generators/Content Service Providers. Hence, they know that operators cannot refuse to carry their traffic, and thus, "overuse" networks, whether by accident or on purpose. 2. The United Kingdom Office of Communications (Ofcom)², in their consultation on Net Neutrality, opined that, "In principle, we accept that the current net neutrality framework could potentially undermine our objective to safeguard well-run, efficient and robust networks, if it encouraged CAPs to	Recommendations	traffic management practices remain fair, transparent, and consumer focused. It encourages models of collaboration that respect net neutrality principles while offering flexibility to meet growing consumer demand. By addressing discriminatory practices that might harm competition or limit consumer access, the Framework provides a pathway to sustainable telecommunications growth, ensuring that the interests of consumers and the competitive integrity of the sector are upheld.
				use ISPs' networks inefficiently".3. The Body of European Regulators for Electronic Communications		

² OfCom, Consultation on Net Neutrality Review, October 2022 – January 2023. Available at: https://www.ofcom.org.uk/data/assets/pdf file/0028/245926/net-neutrality-review.pdf

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				(BEREC) ³ in its 2022 report on the		
				Internet Ecosystem posited that, "a		
				small number of digital platforms		
				have reached a position allowing		
				them to shape and restrict both the		
				competition dynamics on different		
				elements of the internet ecosystem		
				and the relative openness under		
				which content, services and		
				information can be accessed and		
				shared".		
				Hence, it would be reasonable given the clear		
				correlation between the application of Net		
				Neutrality provisions and the Authority's		
				mandate to meet Section 3 (f) of the		
				Telecommunications Act to equitably		
				contemplate the concerns of both ISPs and		
				consumers in its framing and/or		
				conceptualization of Net Neutrality in its		
				framework document. This equity could be		
				introduced into the discussion of Net		
				Neutrality by examining whether it is fit for		
				purpose in its current form given the		
				evolution of the internet ecosystem as well as		

³ https://berec.europa.eu/eng/document_register/subject_matter/berec/public_consultations/10270-draft-berec-report-on-the-internet-ecosystem

Item	Section	Section Title	Stakeholder	Comments	Recommendations	TATT's Decisions
				extant regulatory/operator issues/concerns over its application. Lastly, to buttress the aforementioned		
				position, further reference is made to the Authority's response to stakeholder comments on Page 40 of its Net Neutrality DORs ⁴ which states as follows:		
				"The Authority notes that the Act is a framework legislation that was drafted to adapt to evolving conditions. The drafters used the principles-based approach, as opposed to a highly prescriptive rules-based approach. The principles-based approach has the advantage of being more adaptable to changes in technology, therefore allowing for expeditious resolutions to the ever-evolving challenges within the sectors".		
				Hence, there is a regulatory obligation as mandated by the Telecommunications Act for the Authority to account for the evolution of the domestic internet ecosystem as well as extant regulatory/operator issues/concerns		

⁴ Decisions on Recommendations (DORs) Matrix from the First of Two Rounds of Public Consultation on the Framework on Net Neutrality in Trinidad and Tobago (March 2022)

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				over the application of Net Neutrality as currently framed by the Authority in its framework document.		
10.	1.7	Review Cycle	Digicel	Digicel acknowledges the timelines set out for reviewing the proposed Net Neutrality framework document. Notwithstanding, it would be remiss in and of itself not to refer to the fact that Net Neutrality as currently framed in this document is lacking as a result of the non-consideration of whether it is fit for purpose given the evolution of the internet ecosystem as well as extant regulatory/operator issues/concerns over its application.	Net Neutrality and its applicability in the domestic broadband/internet market of Trinidad and Tobago be undertaken. This is to pre-empt a scenario where a flawed position on Net Neutrality is taken by the Authority now and we have to wait five (5)	of fostering net neutrality in Trinidad and Tobago to protect competition and preserve consumer rights, which aligns with the

Item	Section	Section Title	Stakeholder	Comments	Recommendations	TATT's Decisions
11.	2.	Overview of	Digicel	Digicel notes the Authority's	Digicel recommends that the Authority	Furthermore, the Authority emphasises that the Framework is designed to remain dynamic and adaptable. It will be revised periodically to address evolving market conditions and unforeseen circumstances. The Authority will continually monitor the market to evaluate the Framework's effectiveness and ensure timely updates, well within the five-year review cycle if necessary. Any modifications will be made in consultation with stakeholders to ensure alignment with industry needs and national objectives. The Authority acknowledges Digicel's
11.	2.	Net Neutrality	Digitei	conceptualization of Net Neutrality as well as its reference to potential anti-competitive traffic management practices/mechanisms by ISPs and attendant impacts on consumer rights as the justification for its policy intervention. However, Digicel holds the position that the Authority's viewpoint as currently set out in its overview is incomplete. Reference is made to the Authority's response to stakeholder comments on Pages	consider a comprehensive examination on whether Net Neutrality is fit for purpose as currently framed given the evolution of the internet ecosystem as well as extant regulatory/operator issues/concerns over its application.	recommendation to conduct a comprehensive review of the Framework's applicability and reaffirms its commitment to ensuring that the Framework remains fit for purpose. Since 2018, the Framework has been shaped through an extensive consultation process, incorporating market developments, comprehensive assessments, and stakeholder feedback to align with the specific needs of Trinidad and Tobago. The Authority continuously evaluates market dynamics using quantitative data from

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				57 to 58 of its Net Neutrality DORs ⁵ which		annual and quarterly market reports,
				states as follows:		consumer surveys, complaints data, and
						competition metrics such as the Herfindahl-
				"The Framework presents recommendations		Hirschman Index (HHI), alongside
				on net neutrality that have been carefully		historical analysis of ISP behaviour. These
				tailored for Trinidad and Tobago and		ongoing assessments support the
				designed as pre-emptive measures against		Authority's position that a prescriptive
				any practice that may harm consumers or		approach to net neutrality is necessary to
				restrict competition within the		uphold competition and protect consumer
				industry/industries".		rights. The Authority has amended the
						Framework to include details on the
				When considering the above referenced		rationale for a net neutrality policy specific
				statement by the Authority and reviewing the		to Trinidad and Tobago.
				academic precedents as articulated in its		
				overview of Net Neutrality, it comes across		With respect to the Authority's
				clearly that there exists some dissonance		consideration of existing market realities,
				between the academic theory as encapsulated		the Authority emphasises that the
				in the overview and current market realities		Framework adopts a balanced approach,
				in the domestic Broadband/Internet market of		focusing on protecting consumer access and
				Trinidad and Tobago.		ensuring fair competition, while allowing
						for commercial practices such as zero-
				Firstly, there is a case for self-regulation		rating and paid prioritisation. This approach
				which already exists via Digicel's voluntary		aims to promote innovation and
				participation in the CANTO Code of Conduct		collaboration between OTT providers and
				as well as the obvious fact that competition		

⁵ Decisions on Recommendations (DORs) Matrix from the First of Two Rounds of Public Consultation on the Framework on Net Neutrality in Trinidad and Tobago (March 2022)

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				between ISPs in the domestic		TSPs, fostering infrastructure investment
				Broadband/Internet market is effectively		and enhancing QoS for consumers.
				regulating firm conduct. As such, there is		
				simply no basis for the Authority's regulatory		The Authority values industry-led
				inclination to intervene in the domestic		initiatives like the CANTO Code,
				Broadband/Internet market solely on the		acknowledging their alignment with several
				basis of broad interpretations of the		principles within the Framework. While
				Telecommunications Act/Operator		self-regulation brings valuable benefits, the
				Concessions with no observed instance of		Authority believes a clear regulatory
				anti-competitive behaviour by ISPs to prompt		framework is also essential for consistent
				the market intervention in the first place.		enforceability, accountability, and
						consumer protection, and would apply to all
				Secondly, the observations in the overview		ISPs operational in Trinidad and Tobago.
				are not aligned with the current market		
				realities with particular emphasis on the		The Authority also reiterates its
				ongoing debate regarding the application of		commitment to harmonising, where
				net neutrality as currently framed by the		practical, its monitoring and compliance
				Authority. There is no contemplation of the		process with established ISP processes,
				recent regulatory positions on Net Neutrality		including adherence to the CANTO Code,
				owing to the observed evolution of the		to streamline regulatory obligations, reduce
				internet ecosystem as well as extant		redundancy, and respect industry efforts.
				regulatory/operator issues/concerns over its		This integrated approach seeks to create an
				application.		efficient, transparent Framework that
				Ofcom (2022) ⁶ recognizing the need for		minimises additional burdens on service
				flexibility in the regulatory approach to net		providers while ensuring adequate

 $^{6}\ Of com,\ Consultation\ on\ Net\ Neutrality\ Review,\ October\ 2022-January\ 2023.\ Available\ at:\ \underline{https://www.ofcom.org.uk/} \\ \underline{data/assets/pdf\ file/0028/245926/net-neutrality-review.pdf}$

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				neutrality undertook a consultation process. According to Ofcom, "net neutrality rules constrain the activities of the ISPs, they may be seen as restricting their ability to innovate, develop new services and manage their networks. This could lead to poor consumer outcomes, including consumers not benefiting from new services as quickly as they should, or at all. These potential downsides might become more pronounced in the future, as people's use of online services expands, traffic increases, and more demands are placed on networks".		oversight, interests.	and	safeguarding	consumer
				Lastly, the Authority is also reminded that the primary objective of Net Neutrality provisions is to protect end-users access to content via the Internet. The intention has never been to entrench a particular commercial model of the Internet. There is no analysis of the attendant impacts of Net Neutrality as set out by the Authority on ISPs from a competitive standpoint.					

Broadband Development and Local Innovation Inclusion Survey (DIS 2021) but registers a non sequitur between the DIS 2021's TSPs. By adopting a permiss approach to practices such as approach to practices such as and paid prioritisation, the concessionary system. CCTL recommends that TATT conducts a holistic review of legal and regulatory These net neutrality guidelines in navigating collaborations, as government policy as an anchor, it is yet to realities, including the strengthening of that commercial practices	Item Section	Section Section Title	Stakeholder	Comments	Recommendations	TATT's Decisions
proposition of this position is questionable as net neutrality enforcement is anticipated to function under TATT's concessionary system while the unrestricted activities of other, foreign-based players, and in particular two- and/or multi-sided market players, are integrated into the market in a inadequately addressed, nor can they be adequately addressed under the existing Telecommunications framework.		3.1 Promoting Broadband Development and Local		In relation to broadband development and local innovation, TATT states that "This object aligns with a key strategic thrust identified in the ICT Blueprint, which is to improve connectivity. This involves initiatives for enhancing ICT infrastructure, specifically through the ubiquitous deployment of next-generation networks (NGNs)." Whereas the Framework has identified government policy as an anchor, it is yet to clearly demonstrate where the application of net neutrality considerations may lead to measurable contributions to industry innovation and development. The value proposition of this position is questionable as net neutrality enforcement is anticipated to function under TATT's concessionary system while the unrestricted activities of other, foreign-based players, and in particular two- and/or multi-sided market players, are inadequately addressed, nor can they be adequately addressed under the existing	CCTL welcomes TATT's assessments on access gaps as regards the National Digital Inclusion Survey (DIS 2021) but registers a non sequitur between the DIS 2021's recommendations and the hard application of net neutrality rules through the concessionary system. CCTL recommends that TATT conducts a holistic review of legal and regulatory framework to reflect current market realities, including the strengthening of competition-based regulations and the elimination of regulations that are not fit-	The Framework promotes investment and innovation by fostering a collaborative environment between OTT providers and TSPs. By adopting a permissive, ex post approach to practices such as zero-rating and paid prioritisation, the Framework provides structured policy guidelines that uphold consumer rights to high-quality service and maintain fair competition. These net neutrality guidelines are essential in navigating collaborations, as they ensure that commercial practices do not disadvantage consumers or distort the

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						on proposed amendments to the Act. These amendments are designed to address evolving market trends and sectoral changes, ensuring that the regulatory framework remains adaptive and responsive to the dynamic telecommunications landscape.
13.	3.1	Promoting Broadband Development and Local Innovation	Digicel	See our comments in Section 1.5.		The Authority notes this comment.
14.	3. 2	Fostering Effective Competition	CCTL	TATT states, "One of the objectives of section 3 of the Act, which guides this Framework, is the establishing of conditions for "an open market for telecommunications services, including conditions for fair competition, at the national and international levels". This Framework is also guided by section 22 (1) (b) of the Act and concession conditions A21 and A22, which address anticompetitive pricing and other related practices and anti-competitive conduct."	Priority and focus should be placed on legislative and regulatory changes needed to update the current telecommunications framework. TATT should embark on a more holistic assessment of the digital value chain, focusing on enhancing market contestability. In this way, we can expect a renewed framework that can, <i>inter alia</i> , foster a level playing field for all players and ensure that market development is driven through clear, fit-for-purpose competition rules.	The Authority notes CCTL's recommendation to focus on a renewed regulatory framework for enhanced market contestability, and advises that it is actively supporting the Ministry of Digital Transformation in the promulgation of proposed amendments to the Act. These amendments are designed to address current market trends and sectoral changes, further promoting competition and market growth. Until such amendments are finalised, the Authority continues to operate under the existing legislative framework to

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				The ICT Blueprint's strategic thrust to		fulfil the mandates of the Act, ensuring that
				improve connectivity also speaks to		competition remains fair, and consumers
				improved competition as an outcome of		are protected.
				modernised legal and regulatory framework,		
				which is indeed critical to meeting national		Furthermore, the Authority reiterates that
				infrastructure targets. TATT's statement,		the purpose of the Framework is to ensure
				however, demonstrates limitations in		fair competition and consumer protection,
				addressing competition in the absence of a		particularly in the context of traffic
				comprehensive study to understand the new		management and the prevention of
				characteristics and dynamics of players that		discriminatory practices.
				deliver services to the Trinidad and Tobago		
				public. Such players are outside of the		
				purview of the telecommunications		
				framework despite their current operations.		
						The Authority acknowledges the
				For example, multi-sided market players are		complexities of two-sided and multi-sided
				presumed to earn a competitive advantage		market players, referred to as OTT
				from an un- or under-regulated market, which		players in its regulatory context, who may
				they exploit in another such as the provision		gain competitive advantages from
				of interpersonal communications. If the		regulatory gaps. To address these
				current situation persists, it is likely to		challenges, the Authority has introduced
				produce greater challenges for fostering		its OTT Framework, which evaluates the
				broadband development and local innovation		dynamics between TSPs and OTT players,
				through fair competition.		aiming to create a balanced regulatory
				TATT:		approach. This ensures fair competition and
				TATT is not currently empowered to address		supports broadband development and
				the conundrum of two-sided or multi-sided		innovation in Trinidad and Tobago.

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				market players despite the distortion and possible harms that these players may present.		
15.	3. 2	Fostering Effective Competition	Digicel	Reference is made to the Authority's statement on competition which states that, "The motivation behind the proposed net neutrality intervention in Trinidad and Tobago primarily aims to prevent anticompetitive behaviour in network operations and related commercial practices, thus ensuring a level playing field for all participants in the telecommunications market".	consider a comprehensive examination of whether Net Neutrality is fit for purpose in its current form given the evolution of the internet ecosystem as well as extant	for a comprehensive assessment, the Authority highlights that it has actively engaged in a comprehensive consultation process since 2018, incorporating input
				It is Digicel's respectful view that the abovementioned statement is not being applied comprehensively. The Authority in Section 3.2 narrowly focuses its treatment of competition under the auspices of Net Neutrality to potential discriminatory actions/activities (throttling/blocking access to websites) by ISPs. It is prudent to note that if the current rate of traffic passed through ISP networks continue unabated, minimum quality of service and experience		The Authority recognises the importance of assessing the broader implications of net neutrality and, as such, it is committed to continuously monitoring market dynamics and adapting the Framework as necessary, but no later than five years. Section 1.7 of the Framework has been amended to reflect this. The Authority notes Digicel's concerns regarding the application of net neutrality,

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				requirements would be hard to meet as the		the extent of traffic data, and its potential
				commercial incentive to invest in network		impact on investment. It is important to
				upgrades and rollout diminish owing to the		highlight that, in addition to allowing
				extant regulatory/market imbalances in the		reasonable traffic management, the
				internet market exacerbated by the adoption		Framework is also balanced and
				of Net Neutrality in its current form. This		permissive, allowing for innovative
				notion is contrary to the aforementioned		business models while safeguarding
				Section 3 (f) of the Act.		consumer rights to QoS and ensuring fair competition. This approach, which includes
				The Authority has not highlighted any		allowing practices like zero-rating and paid
				analysis it is currently undertaking and/or		prioritisation, is intended to foster increased
				plans to undertake on the attendant impacts		investment in infrastructure, by enabling
				of Net Neutrality as currently defined by the		flexibility for service providers to
				Authority in its framework document on ISPs		experiment with new models that can drive
				from a competitive standpoint. The		business growth and market expansion.
				engagement in such an assessment by the		
				Authority would be in alignment with		The Authority reminds Digicel that the core
				Section 3(f) and 18(3) of the		purpose of any policy on net neutrality is to
				Telecommunications Act.		maintain an open, competitive, and
						accessible Internet, while preventing anti-
				Digicel holds the position that a holistic		competitive practices that could undermine
				review of net neutrality as currently framed		consumer rights or distort market
				by the Authority needs to be undertaken to		competition. The Framework aims to
				ensure that regulatory/market imbalances and		ensure that ISPs have the flexibility to
				evolutionary trends in the market dynamics		manage traffic in ways that support network
				of how internet services are currently		efficiency and sustainability without
				provisioned in the domestic		compromising the consumer experience.

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				Broadband/Internet market are taken into consideration.		Additionally, issues relating to competition among OTT providers, regulatory imbalances, and the incentives for investment are more comprehensively addressed in the OTT Framework.
16.	4.	Policy Provisions on Reasonable Traffic Management	CCTL	As regards the DOR and this Section of the Framework, TATT's recognition of stakeholders' comments and recommendations for the adoption of a more flexible approach to regulating net neutrality violations in Trinidad and Tobago is noted.	TATT should refrain from prescribing traffic management practices, and eliminate tests to determine same as they are antithetical to TATT's stated aims of promoting local innovation	The Authority acknowledges CCTL's perspective on the heterogeneity of user demands and its impact on ISPs' networks. However, the Authority maintains that the principles of proportionality, transiency, and fair competition provide a non-exhaustive yet flexible framework to guide reasonable traffic management practices.
				However, we do not believe that: i. the stated principles are absolute and constitute reasonable traffic management practices and measures in this fast-paced industry; and ii. there is a need to prescribe any ISPs traffic management practices. TATT proposal of a restrictive, binary test of adherence or non-adherence to the principles of fair competition, proportionality and transiency is counterintuitive to the notion of		These principles are not intended to impose rigid or absolute standards but rather to establish a baseline to ensure practices are non-discriminatory, transparent, and aligned with the broader goal of preserving an open and competitive Internet. This approach allows ISPs the flexibility to adapt to the evolving industry landscape while safeguarding consumer interests and promoting fair network practices.

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				promoting innovation. As submitted before, there is a growing heterogeneity of the demands that end users are placing on ISPs networks that is enabling ISPs to create consumer value in ways that are difficult to predict. Clear solutions, however, to ensure reasonable traffic management must be based on competition.		The Authority firmly believes that the proposed Framework promotes innovation by allowing ISPs to develop commercial practices such as zero-rating and conditional paid prioritisation while observing the principles of net neutrality. The Authority agrees that competition remains a fundamental driver of innovation and consumer value. As such, our approach emphasises the adoption of an ex post regulatory framework, which evaluates potential violations on a case-by-case basis.
17.	5.	Policy Provisions for Non- Discrimination in Network Practices	TSTT	TSTT acknowledges TATT's proposed two- step approach to assessing traffic practices for unreasonable discrimination on a case-by- case basis. However, TSTT is concerned that the framework lacks a clear methodology and guiding criteria for these steps, as well as the triggers for TATT's intervention. This lack of specificity creates ambiguity and uncertainty for ISPs, making it challenging to predict how their network management practices will be evaluated.	TSTT recommends that TATT explicitly define the guiding criteria and methodology for TATT's two-step approach to assessing traffic practices for unreasonable discrimination. TSTT also recommends that TATT clarify how TATT intends to measure the impact on competition and consumer protection in these circumstances. Specifically, TSTT recommends that to ensure transparency, predictability and legal certainty, TATT:	The Authority acknowledges TSTT's concerns regarding the need for greater clarity on the triggers for intervention and the methodology for assessing traffic practices for unreasonable discrimination. The Framework has been amended to include more detailed information on the specific criteria that may trigger an investigation. These criteria are designed to be objective, measurable, and aligned with the principles of transparency and fairness.

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				Additionally, the absence of clear guidelines raises concerns about potential inconsistencies in TATT's enforcement actions, which could lead to unfair treatment of different ISPs. The lack of transparency in the assessment process also undermines legal certainty for ISPs, potentially discouraging investment and innovation in network infrastructure and services.	 Define and make publicly available the specific criteria that will trigger its intervention in cases of potential unreasonable discrimination. Ensures that the criteria identified above are objective and measurable. Clearly define and make publicly available the detailed methodology for assessing traffic practices for unreasonable discrimination. This methodology should show the detailed steps involved and all necessary supporting definitions and explanations to allow ISPs and other stakeholders to understand the assessment process. 	Additionally, the Framework now reflects the Authority's intention to publish a comprehensive methodology for assessing traffic practices for unreasonable discrimination. This methodology will outline the steps involved in the assessment process, including guiding criteria, necessary definitions, and considerations for evaluating the impact on competition and consumer protection.
18.	6.1	Zero-Rating	CCTL	CCTL has noted that TATT acknowledges that there are potential benefits of zero-rating to consumers and competition and recommends a case-by-case approach to the commercial practice. It is unclear what is meant by a "case-by-case basis" statement that TATT states in its DOR response. CCTL	CCTL reiterates its recommendation that TATT refrain from implementing unnecessary rules that are much more likely to discourage ISPs from experimenting with or even attempt such innovative product offerings, to the detriment of consumers and the economy as a whole.	The Authority clarifies in section 7 that the case-by-case approach is triggered when a zero-rating practice involves anti-competitive behaviour or infringements on consumer rights. Specific triggers include whether the practice substantially restricts competition, favours an ISP's affiliates, creates exclusionary arrangements, or

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				requests further elaboration or clarity on this comment.		employs discriminatory pricing models. Additionally, the Authority examines the competitive environment, the transparency of terms and conditions, and the impact on consumer choice and control, ensuring that assessments are targeted, evidence-based, and aligned with the principles of fair competition and consumer protection.
19.	6. 2	Conditional Paid Prioritisation	CCTL	CCTL looks forward to further engagement in this process.	CCTL recommends that TATT withdraws the proposed rules set out in this document.	The Authority appreciates CCTL's continued engagement in this process. The Authority maintains that a case-by-case arrangement for paid prioritisation is important to ensure a balanced, fair, and competitive market. Such an approach allows the Authority to evaluate whether specific instances of paid prioritisation distort competition. By intervening only when necessary, this approach safeguards innovation while preventing practices that could harm competition or undermine consumer rights.
20.	6.2	Conditional Paid Prioritisation	TSTT	TATT's policy approach to conditional paid prioritisation, while recognising its potential benefits for specialised services and user experience, lacks clear methodological	TATT should prioritise transparency and predictability in its regulatory approach to conditional paid prioritisation. It is recommended that TATT explicitly define	The Authority acknowledges the concerns regarding the clarity and transparency of its policy approach to conditional paid prioritisation, particularly in relation to

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				guidelines and specific criteria for assessing potential competition distortion and its impact on fairness and transparency. This lack of clarity creates uncertainty for ISPs, hindering their ability to predict how this commercial practice will be evaluated thereby potentially discouraging investment and innovation in new services and infrastructure. The absence of transparent assessment criteria also raises concerns about potential inconsistencies in TATT's enforcement actions, which could lead to unfair treatment of different ISPs.	approach to assessing these practices for competition distortion and how this will be measured in these circumstances. To ensure transparency, predictability, and legal certainty, TATT should:	assessing potential competition distortion and its impact on fairness and transparency. The Framework has been amended to include detailed information on the specific criteria that will trigger intervention in cases where conditional paid-prioritisation practices may lead to competition distortion. These criteria have been designed to be objective, measurable, and consistent with the principles of fairness and transparency. Furthermore, the Framework now reflects the Authority's intention to publish a comprehensive methodology for assessing conditional paid-prioritisation practices. This methodology will outline the steps involved in the assessment process, provide clear guiding criteria, and include necessary definitions and explanations to ensure ISPs and stakeholders understand how these practices will be evaluated.

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					understanding among ISPs and stakeholders.	
21.	7.	Transparency	CCTL	CCTL is still in the camp that it supports the principle of transparency and notes TATT's comments as it relates to CCTL's terms and conditions and that the need to go further in the protection of consumers which is also within the intentions of CCTL. CCTL also notes TATT's recommendations on the treatment of Over-the-Top players (OTTs) in its Framework on OTTs in Trinidad and Tobago. After considering the comments by TATT, CCTL still believes that in the current situation, local ISPs face unfair competition from OTT services and application providers. Any regulation or framework to be developed should attempt to provide a level playing field. CCTL has discerned from TATT's responses that TATT appears to be less concerned about market impacts and the imbalances stemming from large OTT players in the market, and more concerned about requiring local ISPs to provide excessive, non-pertinent	CCTL recommends that TATT reassess its framework and priorities in this proceeding away from a singular assessment of ISP's transmission practices and towards a more holistic assessment of the Internet OTT-universe as a whole. Learning from other countries' strategies in managing OTT and ISP competition can provide valuable insights for local contexts.	The Authority notes CCTL's support for the principle of transparency in the protection of consumers. The Authority also notes CCTL's concerns regarding perceived market imbalances stemming from competition between local ISPs and OTT providers. The Authority reiterates that the primary purpose of this Framework is to address matters specifically related to net neutrality, ensuring that network practices are conducted in a manner that promotes competition and consumer rights. Broader market imbalances arising from OTT providers are more appropriately addressed within the scope of the OTT Framework, which was published in October 2024. That framework examines the interplay between OTT providers and local ISPs, proposing measures to foster more equitable competition and local investment in infrastructure.
		J		provide excessive, non-permient		

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				information, which ironically deepens the aforementioned imbalances.		
				arorementioned imparances.		
22.	7.	Transparency	Digicel	Digicel notes the Authority's position as set	Digicel recommends that the Authority	The Authority acknowledges Digicel's
				out in Policy Statement 11 which states as	consider a comprehensive examination of	concerns and appreciates its detailed
				follows:	, , , , , ,	
				"11. Internet service providers (ISPs) shall	its current form given the evolution of the	-
				publicly disclose on their websites network	•	<u> </u>
				and service-related information, including,	regulatory/operator issues/concerns over its	enhance transparency in the
				but not limited to, general information (e.g.,	application.	telecommunications market, ensuring that
				pricing, fees, service offerings, and		consumers, stakeholders, and edge
				availability), traffic management policies,		providers have access to clear and relevant
				performance characteristics, and		information about ISP practices. The
				commercial terms and conditions".		reporting requirements are not burdensome
						or excessive. They are carefully designed to
				The Authority is reminded that Digicel's		provide meaningful insights into traffic
				service offerings and their associated terms		management policies, performance
				and conditions are set out in clear and concise		characteristics, and commercial terms that
				terms on the Digicel website. The Authority's		can directly affect consumer choice and
				intent to increase the quantum and detail of		competition.
				reporting requirements under the guise of Net		
				Neutrality with no consideration to costs of		Comparatively, other jurisdictions, such as
				meeting said requirements by ISPs is met		the EU and the US, have reporting
				with utter dismay. There is no guidance as to		requirements that are more detailed.
				whether these onerous and costly reporting		Furthermore, the Framework's
				requirements are to be implemented		requirements are consistent with the
				immediately or in a phased manner. Then		information consumers need to make

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				again, ISPs may try to recover these high costs via upwardly revised tariffs on endusers of internet/broadband telecommunication services. A question could be raised as to whether any analysis was undertaken by the Authority on the attendant impacts of the imposition of these reporting requirements on ISPs as well as analysing whether the existing reporting requirements were actually utilized by edge providers in the first instance. The Authority's position comes across again as being informed by academic presuppositions and not grounded on market realities. If edge providers actually utilized this Quality of Service ("QoS") data, then there would not be such fierce debate over fair share contributions by OTTs in the internet		informed choices about their broadband service. The Authority believes that the transparency requirements strike an appropriate balance between providing sufficient information for consumers and minimising regulatory burdens on ISPs.
23.	7.	Transparency	TSTT	In the Framework document, TATT calls	TATT to clarify how sections 3(c) and	Section 3(c) of the Act requires the
23.	1.	Transparency	1511	for "public disclosure of relevant information on traffic management policies, performance characteristics, and some commercial practices." in two formats: high-level and detailed. TATT noted that it is	24(1) of the Act and Concession Condition A53 apply to its request for such public disclosures.	Authority to promote and protect public interests by ensuring consumer protection and advancing the interests of customers, purchasers, and users concerning the quality and variety of telecommunications

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				"guided by section 3 (c), and in accordance with section 24 (1), of the Act and concession condition A53, proposes transparency requirements for ISPs to disclose network and service- related practices to consumers." TSTT acknowledges its obligation to share certain information with TATT and the public. However, TSTT disagrees with the proposed public disclosure of traffic management policies and	TATT to provide clarification on how it intends to mitigate the operational risks that may emerge from this approach, particularly in these times of hyper-criminal	services. This provides the broad context for the need for net neutrality, particularly
				performance characteristics in the manner outlined. We request that TATT clarify how the sections of the Act and Concession apply to its request for such public disclosures.	TATT to provide detailed responses to	operation of their networks and services, including terms, conditions, and quality standards.
				TSTT reiterates its concern raised in the first round of consultation that "[it] is unclear how details regarding technical policies can serve any useful purpose to consumers, TSTT also seeks clarification on how TATT seeks to mitigate the other commercial and operational risks that will emerge from this ill-conceived approach particularly in these times of hyper cyber-criminal activity".	_	concessionaires to submit to the Authority plans regarding network development, QoS, and other related matters. This provision supports transparency by ensuring that the Authority has access to essential operational information to effectively monitor compliance with QoS standards obligations. The Framework has been amended to include this elaboration on the application of the referenced provisions.

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				The publication of such detailed information		The Authority reiterates that the
				may pose a security risk to TSTT. TSTT		transparency requirements outlined in the
				notes TATT's comments that "the		Framework are aligned with global best
				requirements for transparency do not include		practices observed in jurisdictions such as
				the disclosure of commercially sensitive		the EU ⁷ , and are, in some respects, less
				information, however, it has not addressed		stringent. These requirements do not extend
				our security concerns. While transparency is		to the disclosure of commercially sensitive
				essential, TSTT believes that a careful		information. Instead, they focus on
				balance must be struck to protect both its		providing general information on traffic
				operational integrity and the public interest.		management policies, performance
						characteristics, and commercial practices,
				TATT did not adequately respond to TSTT's		enabling consumers to make informed
				recommendations (Item 33, first round		decisions. As such, the perceived risks of
				consultation), which now relate to Section 7		malfeasance or cybersecurity breaches are
				in the Framework, concerning clarifications		unfounded, as the disclosed information
				on:		will remain general in nature, and such
						disclosure is consistent with global best
				1. the details of what it considers would be		practices.
				relevant and useful to customers		
						The Authority acknowledges TSTT's
				2. the measures it intends to implement to		concern regarding the potential for
				mitigate the risk of such publication to the		performance characteristics data to be
				commercial and technical operations of		transient and influenced by various factors,
				ISPs		such as network conditions at specific times
						and locations. However, it is important to

⁷ See: Regulation (EU) 2015/2120

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			3. the measures it intends to implement to compensate operators where malfeasance (particularly from cyber criminals) occurs due to the publications proposed by the Net Neutrality Framework TATT to provide detailed responses to TSTT's questions. In the Framework document, TATT notes that "performance characteristics includes data caps, actual upload and download speeds, latency, jitter, packet loss, DNS resolution times, and other relevant QoS parameters as identified in the concession or superseding regulations." However, TSTT expresses concern that detailed public disclosure of this data may not be beneficial. The results can be transient and dependent on various factors, such as network conditions at specific times and locations. This variability might create unrealistic expectations for customers and stakeholders, potentially leading to increased complaints filed with TATT.		note that the intention behind public disclosure of such data is to provide consumers with a general understanding of the QoS they can expect. While individual performance metrics may vary, the aim is to present an overall picture of the service's quality and performance trends, rather than to offer guarantees on specific conditions at any given moment. Furthermore, the Authority's proposed disclosure aligns with best practices aimed at enhancing transparency and empowering consumers to make informed choices.

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24.	8.	Monitoring Strategies and Guidelines	Digicel	Digicel strongly recommends for the Authority to undertake an assessment of whether Net Neutrality as currently framed in its framework document is fit-for purpose in the current Internet ecosystem, considering the evolution of the underlying market dynamics and the IP based services on offer. Clarity is also being sought on how the Authority would undertake these independent market surveys and interviews when it has no regulatory remit over edge-providers/OTT providers/LTG's.	Digicel recommends that the Authority consider a comprehensive examination of whether Net Neutrality is fit for purpose in its current form given the evolution of the internet ecosystem as well as extant regulatory/operator issues/concerns over its application.	The Framework is designed to address a rapidly changing market. In section 1.7, the Authority recognises the importance of continuously reviewing the Framework's relevance in light of these changes and commits to updating it as necessary, but no later than five years. The Authority recognises the importance of considering the broader impact of edge providers, OTTs, and other key stakeholders in shaping regulatory policies. The Authority shall continue to collaborate with these parties to ensure that policies are responsive to evolving market conditions, promoting fair competition, fostering innovation, and protecting consumers' rights.
25.	8.	Monitoring Strategies and Guidelines	TSTT	TATT states that it "may also, on its own initiative, undertake independent assessments using information from the following sources: Independent technical network monitoring, entailing quantifiable metrics collected independently by the Authority using probes to assess network performance and QoS	Could TATT provide more details and references regarding the "probes" and "tools" to be used in these monitoring efforts, including the extent of any intrusions into company infrastructure?	The Authority clarifies that it will adopt an approach to independent network monitoring that aligns with internationally recognised frameworks, such as those proposed by the Body of European Regulators for Electronic Communications (BEREC). This includes the use of public probes and tools to collect network

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				parameters, such as broadband speeds, streaming and web browsing performance." In the related Item 40, (first round of consultation, TATT's Decisions), TATT also mentions technical monitoring "includes the use of tools that enable end users and national regulatory authorities (NRAs) to test the speed and quality of the Internet access service offered."		performance data and QoS metrics. These probes are placed at designated points at consenting customers' premises to measure broadband speeds, streaming quality, and web-browsing performance. Such external performance data supports objective and non-intrusive monitoring. This approach may evolve and the Authority will consult with operators on any changes in the process that may be required.
26.	9.	Compliance and Enforcement	Digicel	Digicel posits that any action to forge ahead with formalizing procedures by the Authority without any comprehensive assessment on the applicability of Net Neutrality as currently conceptualized in this draft framework document is deemed to be flawed. The aforementioned position is held owing to the evolution in the market dynamics of the internet market. Hence, in its current form, the Authority's conceptualization and proposed application of Net Neutrality in the domestic internet market of Trinidad and Tobago is not fit for purpose.	Digicel recommends that the Authority consider a comprehensive examination of whether Net Neutrality is fit for purpose in its current form given the evolution of the internet ecosystem as well as extant regulatory/operator issues/concerns over its application.	The Authority appreciates Digicel's feedback and acknowledges the evolving nature of the Internet ecosystem. It is important to highlight that the current Framework has been developed over several years, with extensive consultation beginning in 2018. This consultation process has included input from a wide range of stakeholders, including ISPs, OTT providers, and other industry participants, which has ensured that the Framework reflects current market realities and the interests of all parties involved. Furthermore, the Authority has amended the Framework to include details on the

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						rationale for a net neutrality policy specific to Trinidad and Tobago. The Authority remains committed to continuous assessment and review of the Framework to ensure its relevance and effectiveness in light of ongoing market changes, as stated in section 1.7 of the Framework as amended. The Authority will continue to engage with stakeholders and monitor developments within the Internet ecosystem, including the roles of OTTs and
						edge providers. This ongoing evaluation will ensure that the Framework evolves in a way that supports fair competition, consumer protection and innovation, while being adaptable to the dynamic nature of
						the telecommunications and digital markets.
27.	General Comment	Entire Document	TSTT	TSTT acknowledges TATT's position that quantifying the precise effects of net neutrality on factors like competition, innovation, and consumer choice is challenging. However, TSTT believes that labeling these crucial aspects as "unmeasurable" is a dismissive stance that	approach that leverages both quantitative and qualitative methods to gain a more comprehensive understanding of the	The Authority notes TSTT's recommendations for a data-driven approach and the conduct of a cost-benefit analysis to evaluate net neutrality regulation. The Authority has drawn on quantitative evidence from its annual and quarterly market reports, consumer

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				undermines the potential negative	In line with CANTO's suggestion, TSTT	surveys, complaints data, and competition
				_	strongly advocates for a thorough cost-	metrics like the HHI, while also reviewing
				While acknowledging the difficulty in	benefit analysis to be conducted before	historical instances of ISP behaviour. The
				achieving perfect quantification, TSTT	implementing any net neutrality	Authority also notes that since 2018, the
				emphasises that these factors can be	regulations. This analysis should not only	Authority has engaged extensively with
				effectively assessed using established	consider the potential benefits of net	stakeholders through consultations,
				methodologies and indicators.	neutrality, such as promoting an open	capturing diverse perspectives and aligning
					internet and preventing discriminatory	with international best practices.
					practices, but also the potential costs, such	
				for a comprehensive cost-benefit analysis to	as reduced investment in network	The Authority has carefully weighed the
				be conducted before implementing any net	infrastructure and stifled innovation.	benefits and drawbacks of implementing its
				neutrality regulations. This analysis should	Specifically, TSTT suggests that TATT:	policy on net neutrality, including their
				not only consider the potential benefits of net		effects on competition, innovation, and
				neutrality, such as promoting an open internet		consumer protection and choice. The
				and preventing discriminatory practices, but	assessing the impact of net neutrality on	Framework has been amended to include
				also the potential costs, such as reduced	competition, innovation, and consumer	details on the Authority's rationale for
				investment in network infrastructure and	choice. This methodology should	implementing a policy on net neutrality in
				stifled innovation.	include a combination of quantitative	Trinidad and Tobago. The Authority will
				TATT's own comments in the DoRs provide	indicators (e.g. market share, number of new services introduced, consumer	continue to monitor all factors considered as the Framework is implemented.
				evidence that these factors are being	satisfaction surveys) and qualitative	as the Framework is implemented.
				measured and considered, albeit imperfectly.	assessments (e.g. expert interviews,	Furthermore, the Authority reiterates its
				TATT mentions using tools like market	case studies).	commitment to collaborating with
				reports, competition analysis, and consumer	case studies).	stakeholders to align its monitoring and
				surveys to inform its policy decisions. These	b. Utilises economic modeling and	compliance processes with established
				tools, while not providing absolute	forecasting to estimate the potential	methods used by ISPs, including adherence
				measurements, offer valuable insights into	impact of net neutrality on ISP revenues	to the CANTO Code. By leveraging
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				the state of competition, innovation, and consumer choice in the market.	and investment incentives, in the short-term and long-term.	existing industry processes, the Authority aims to minimise the additional cost of
				Therefore, while measuring the precise impact of net neutrality on these factors remains a challenge, it is not impossible. A combination of qualitative and quantitative approaches can provide a reasonable	comprehensive cost -benefit analysis,	information submission. With respect to the state of competition, the Authority notes that the current analysis, including the use of tools like the HHI and price trends, does not provide conclusive
				assessment of its effects, enabling more informed policy decisions. TATT repeatedly refers to the "immense	policies are fact and data-based and do not inadvertently stifle the growth and innovation of the telecommunications sector.	evidence that the market is sufficiently competitive to rely solely on self-regulation. As such, the Authority believes that regulatory safeguards remain necessary
				impact" of violations of net neutrality. However, TSTT questions the evidentiary basis for TATT's statements in this regard	sector.	to prevent anti-competitive practices, protect consumers, and foster innovation. The Authority acknowledges the value of
				given that TATT is seeking to introduce legally binging net neutrality rules based largely on this asserted impact.		providing evidence regarding the "immense impact" of net neutrality violations and has amended the Framework to include more
				TSTT notes TATT's repeated assertion that "Based on its observations, the Authority has not been able to ascertain, at this point,	industry with concrete evidence	detailed information on these impacts, as well as findings on the competitive landscape of the broadband market.
				whether the market is sufficiently competitive to rely solely on self-regulation, to guard against market failure, or to dispense	of net neutrality violations. This transparency is crucial for stakeholders to understand the basis for the proposed	
				with the protection from net neutrality regulation." However, TSTT emphasises that	regulations and engage in meaningful	

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				the logical corollary to this is that TATT has also not ascertained that the market is not sufficiently competitive for self-regulation to be employed. This lack of a definitive conclusion on the state of competition underscores the need for a cautious and evidence-based approach to net neutrality regulation.	potential consequences. TATT must employ a data-driven approach to the issue of net neutrality, so as to ensure that it fulfills its obligations pursuant to	
					Specifically, TSTT recommends that TATT conduct a comprehensive and transparent assessment of the competitive landscape of broadband. The findings of this assessment should be made publicly available and, the decision on whether to rely solely on self-regulation or implement additional net neutrality measures should be explicitly justified based on the evidence gathered with a final decision made pursuant to Section 18(4).	