

GSMA Roaming Database

IR.21 Data

RAEX IR.21 Information

Creation date:	2021-11-02
Creation time:	00:34:40+01:00
File type:	IR.21
Sender TADIG:	TONDP
Publish Comment:	STP Update
TADIG-GEN schema version:	2.4
RAEX-IR.21 schema version:	15.0

ORGANISATION INFORMATION

Section ID: 1 (Mandatory)

Organisation name:	Digicel (Tonga) Limited
Country initials:	TON

History of changes

TADIG Code	Section ID	Section	Date	Description
TONDP	5	International SCCP Gateway	2021-11-02	STP Update
TONDP	5	International SCCP Gateway	2021-10-28	Telstra Point Code
TONDP	21	Contact Information	2021-09-22	updated contacts
TONDP	4	Routing Information	2021-01-22	Remove 676 850 5xxx – 850 9xxx
TONDP	4	Routing Information	2021-01-19	Remove 676 850XX replacing with 676 681 range
TONDP	5	International SCCP Gateway	2020-08-10	Additional STP Point Codes
TONDP	4	Routing Information	2020-08-06	Number range 850000 – 8509999
TONDP	17	IP Roaming/Networking Information	2020-08-06	Removing OLD DNS no longer in use 202.129.228.0/26
TONDP	21	Contact Information	2020-08-06	Contacts Update
TONDP	21	Contact Information	2020-06-25	updated contacts
TONDP	21	Contact Information	2020-06-25	Contact Update
TONDP	21	Contact Information	2020-06-25	Update contact distribution
TONDP	21	Contact Information	2020-06-25	Updated Distribution
TONDP	16	Packet Data Service Information	2020-01-28	Change APN Identifier
TONDP	4	Routing Information	2019-08-20	New MSISDN Ranges
TONDP	17	IP Roaming/Networking Information	2019-05-13	Updated IP Routing for Tonga
TONDP	17	IP Roaming/Networking Information	2019-05-13	updated GRX Providers
TONDP	21	Contact Information	2019-02-27	Contact Updated
TONDP	21	Contact Information	2019-02-27	Contact updated
TONDP	4	Routing Information	2019-02-25	Updated Network Global Number
TONDP	4	Routing Information	2019-02-21	Updated Global Routing
TONDP	4	Routing Information	2018-11-26	Update of Routing Information
TONDP	5	International SCCP Gateway	2018-11-26	Update of SCCP Information
TONDP	5	International SCCP Gateway	2018-11-26	Update of SCCP Information
TONDP	13	Network Elements Information	2018-11-26	Update of Network Elements Information
TONDP	20	LTE Roaming Information	2018-11-26	Update of LTE Roaming Information
TONDP	17	IP Roaming/Networking Information	2018-11-01	Updated of IP
TONDP	4	Routing Information	2018-08-29	update
TONDP	4	Routing Information	2018-08-14	Update of MSISDN Range
TONDP	4	Routing Information	2018-08-14	Updates of MSISDN Range
TONDP	13	Network Elements Information	2018-08-08	UPDATE
TONDP	16	Packet Data Service Information	2018-08-08	UPDATE
TONDP	16	Packet Data Service Information	2018-08-08	UPDATE
TONDP	13	Network Elements Information	2018-08-06	Update
TONDP	13	Network Elements Information	2018-08-06	update
TONDP	13	Network Elements Information	2018-08-06	update
TONDP	16	Packet Data Service Information	2018-08-06	update
TONDP	4	Routing Information	2018-07-27	Update
TONDP	4	Routing Information	2018-07-27	Update
TONDP	4	Routing Information	2018-07-27	Update
TONDP	13	Network Elements Information	2018-07-27	Update
TONDP	13	Network Elements Information	2018-07-27	Update
TONDP	13	Network Elements Information	2018-07-27	Update
TONDP	16	Packet Data Service Information	2018-07-27	Update
TONDP	17	IP Roaming/Networking Information	2018-07-27	Update
TONDP	20	LTE Roaming Information	2018-07-27	Update

TADIG Code	Section ID	Section	Date	Description
TONDP	20	LTE Roaming Information	2018-07-27	Update
TONDP	20	LTE Roaming Information	2018-07-27	Update
TONDP	20	LTE Roaming Information	2018-07-27	Update
TONDP	20	LTE Roaming Information	2018-07-27	Update
TONDP	21	Contact Information	2018-07-27	Update
TONDP	13	Network Elements Information	2018-07-06	Changes made to TONDP
TONDP	20	LTE Roaming Information	2018-07-06	update
TONDP	8	Subscriber Identity Authentication	2018-07-03	Update of Subscriber Identity Authentication
TONDP	11	MAP Optional Routing	2018-06-22	Update for MAP Optimal Routing
TONDP	12	MAP Inter Operator SMS Enhancement	2018-06-22	Update for MAP Information
TONDP	15	CAMEL Information	2018-06-22	Update of CAMEL Information
TONDP	16	Packet Data Service Information	2018-06-22	Update for Packet-switched data
TONDP	17	IP Roaming/Networking Information	2018-06-22	Update for IP Roaming and inter-working information
TONDP	20	LTE Roaming Information	2018-06-22	Update of LTE Information
TONDP	21	Contact Information	2018-06-22	Update for Contact Information
TONDP	4	Routing Information	2018-06-21	Updating of Digicel Tonga IR21 Info Into RAEX IR.21 format
TONDP	5	International SCCP Gateway	2018-06-21	Update of SCCP Information
TONDP	8	Subscriber Identity Authentication	2018-06-21	Update of Subscriber Identity Authentication
TONDP	10	MAP	2018-06-21	Update of MAP Information
TONDP	21	Contact Information	2018-06-21	Update of Contact Information

NETWORK

TADIG code: TONDP
Section ID: 2 (Mandatory, Repeating)

TADIG code:	TONDP
Network name:	Digicel Tonga
Network type:	Terrestrial
Technology:	Frequency list:
2G-GSM frequencies:	GSM 900
3G-UTRA/FDD frequencies:	8 - 900 MHz
3G-UTRA/TDD frequencies:	Unsupported
4G-E-UTRAN frequencies:	3 - DCS 1800, 28 - 700 MHz APAC
4G-E-UTRAN-MIoT-LTE-M frequencies:	Unsupported
4G-E-UTRAN-MIoT-NB-IoT frequencies:	Unsupported
MIoT-NB-IoT deployment modes:	Unsupported
5G NR frequencies:	Unsupported
Abbreviated MNN:	TON

NETWORK INFORMATION

TADIG code: TONDP
Section ID: 3 (Mandatory)

The following information refer to the network identified by TADIG code TONDP

ROUTING INFORMATION

TADIG code: TONDP

Section ID: 4 (Mandatory)

Effective date of change: 2021-01-22

CCITT E.164 Number series	Country Code (CC)	National Destination Code (NDC)	SN Range Start	SN Range Stop	Primary International DPC	Secondary International DPC	MVNO Number	Location
MSISDN number ranges (s)								
	676	84	00000	99999			No	
	676	86	00000	99999			No	
	676	87	00000	99999			No	
	676	88	00000	99999			No	
	676	89	00000	99999			No	
	676	68	50000	99999			No	
	676	99	90000	99999			No	
	676	681	0000	9999			No	
	676	850	0000	4999				

Network Nodes Global Title Number Range(s)								
	676	89	00000	00499			No	
	679	70	00000	01999				

MSRN Number Range(s)								
	676	89	00600	00999				

E. 212 Number series	Mobile Country Code (MCC)	Mobile Network Code (MNC)
	539	88

E. 214 Mobile Global Title (MGT)	Country Code of MGT (CC)	Network Code of MGT (NC)
	676	89

Does Number Portability apply ?	No
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Is 15 Digit MSISDN Supported ?	No
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History of changes

Date	Description
2021-01-22	Remove 676 850 5xxx – 850 9xxx
2021-01-19	Remove 676 850XX replacing with 676 681 range
2020-08-06	Number range 850000 – 8509999
2019-08-20	New MSISDN Ranges
2019-02-25	Updated Network Global Number
2019-02-21	Updated Global Routing
2018-11-26	Update of Routing Information
2018-08-29	update
2018-08-14	Update of MSISDN Range
2018-08-14	Updates of MSISDN Range
2018-07-27	Update
2018-07-27	Update
2018-07-27	Update
2018-06-21	Updating of Digicel Tonga IR21 Info Into RAEX IR.21 format

INTERNATIONAL SCCP GATEWAY

TADIG code: TONDP

Section ID: 5 (Optional)

Effective date of change: 2021-11-02

International SCCP carrier list	
SCCP carrier name:	BICs
Connectivity information:	Primary
Comments:	Brussels
MNO TADIG code list:	
DPC info:	
Signature:	Brussels/H
Type:	STP
International DPC:	2.13.1
Comments:	Load Sharing
DPC info:	
Signature:	Brussels/I
Type:	STP
International DPC:	2.14.7
Comments:	
SCCP carrier name:	BICS Asia
Connectivity information:	Primary
Comments:	Digicel ASia Pacific traffic
MNO TADIG code list:	
DPC info:	
Signature:	Singapore
Type:	STP
International DPC:	5.145.0
Comments:	Load Sharing
DPC info:	
Signature:	Hong Kong
Type:	STP
International DPC:	5.145.1
Comments:	Load Sharing
SCCP carrier name:	Digicel Pacific
Connectivity information:	Primary
Comments:	Primary for Telstra Opco
MNO TADIG code list:	
DPC info:	
Signature:	Digicel SYD STP
Type:	STP/SCCP
International DPC:	5.98.3
Comments:	Load Sharing - Digicel SYD STP

DPC info:	
Signature:	Digicel HK STP
Type:	STP/SCCP
International DPC:	5.74.5
Comments:	Load Sharing - Digicel HK STP

History of changes

Date	Description
2021-11-02	STP Update
2021-10-28	Telstra Point Code
2020-08-10	Additional STP Point Codes
2018-11-26	Update of SCCP Information
2018-11-26	Update of SCCP Information
2018-06-21	Update of SCCP Information

SUBSCRIBER IDENTITY AUTHENTICATION

TADIG code: TONDP

Section ID: 8 (Optional)

Effective date of change: 2018-07-03

Authentications	Performed (Yes / No)
Authentication performed for Roaming subscribers at the commencement of GSM service	Yes
Authentication performed for roaming subscribers in case of GPRS	No
A5 Cipher Algorithm version in use	A5/1

History of changes

Date	Description
2018-07-03	Update of Subscriber Identity Authentication
2018-06-21	Update of Subscriber Identity Authentication

MOBILE APPLICATION PART (MAP)

TADIG code: TONDP

Section ID: 10 (Optional)

Effective date of change: 2018-06-21

Interworking specifically for roaming				
Application context name	Current version in			Comments
	Inbound roaming		Outbound roaming	
	MSC/VLR	SGSN	Outbound roaming	
networkLocUp	MAPv3	N/A	-	
roamingNumberEnquiry	MAPv3	N/A	-	
InfoRetrieval	-	MAPv3	-	
subscribeDataMngt	MAPv3	MAPv3	-	
networkFunctionalSs	MAPv3	N/A	-	
mwdMngt	MAPv3	MAPv3	-	
shortMsgMT-Relay (called shortMsgRelay in v1)	MAPv3	MAPv3	-	
shortMsgMO-Relay (called shortMsgRelay in v1)	MAPv3	MAPv3	-	
ss-InvocationNotification	MAPv3	N/A	-	
subscriberInfoEnquiry	MAPv3	MAPv3	-	
gprsLocationUpdate	N/A	MAPv3	-	
locationCancellation	MAPv3	MAPv3	-	
msPurging	MAPv2	MAPv3	-	
reset	MAPv2	MAPv2	-	
networksUnstructuredSs	MAPv2	N/A	-	
reporting	-	N/A	-	
callCompletion	-	N/A	-	
istAlerting	MAPv3	N/A	-	
service Termination	MAPv3	N/A	-	
locationSvcGateway	N/A	N/A	-	
mm-EventReporting	MAPv3	N/A	-	
authenticationFailureReport	-	-	-	
imsiRetrieval	-	N/A	-	
gprsNotifyContext	N/A	MAPv3	-	
gprsLocationInfoRetrieval	N/A	MAPv3	-	
failureReport	N/A	-	-	
secureTransportHandling	-	-	-	

History of changes

Date	Description
2018-06-21	Update of MAP Information

MAP Optimal Routing Section

TADIG code: TONDP
Section ID: 11 (Optional)

Effective date of change: 2018-06-22

MAP Optimal Routing of mobile - to - mobile calls				
Application Context Name	Current version in			Comments
	MSC	GMSC	HLR	
CallControlTransfer	-	-	N/A	V4 supported for MSC & GMSC
LocationInfoRetrieval	N/A	MAPv3	MAPv3	

History of changes

Date	Description
2018-06-22	Update for MAP Optimal Routing

MAP Inter Operator SMS Enhancement

TADIG code: TONDP

Section ID: 12 (Optional)

Effective date of change: 2018-06-22

Inter - Operator SMS Enhancement				
Application context name	Current version in			Comments
	SMS - IWMSC	SMS - GMSC	HLR	
shortMsgGateway	N/A	MAPv3	MAPv3	
shortMsgAlert	MAPv2	N/A	MAPv2	

History of changes

Date	Description
2018-06-22	Update for MAP Information

NETWORK ELEMENTS INFORMATION

TADIG code: TONDP

Section ID: 13 (Optional)

Effective date of change: 2018-11-26

Node type	Node ID	GT address / Address range	IP address / Address range	IPv6 address / Address range	Vendor info	SW / HW version	UTC offset
HLR	Tonga	676 89 00000 / 00000			Huawei		+13:00
MSC/VLR	Tonga	676 89 00100 / 00100			Huawei		+13:00
SCP	Tonga	676 89 00305 / 00305					+13:00
SCP	Tonga	676 89 00310 / 00310					+13:00
SCP	Tonga	676 89 00315 / 00315					+13:00
SCP	Tonga	676 89 00060 / 00062					+13:00
SMSC	Tonga	676 89 00030 / 00030			IN		+13:00
SMSC	Tonga	676 89 00110 / 00110			IN		+13:00
SMSC	Tonga	676 89 00112 / 00124			IN		+13:00
SMSC	Tonga	676 89 00175 / 00183			IN		+13:00
SMSC	Tonga	676 89 00185 / 00190			IN		+13:00
SMSC	Tonga	676 89 00250 / 00252			IN		+13:00
SCP	Tonga	676 8900066			Redknee		+13:00
SCP	Tonga	676 8900067			Redknee		+13:00
SMSC	Tonga	676 8900200			Redknee		+13:00
SMSC	Tonga	676 8900210			Redknee		+13:00
SMSC	Tonga	676 8900215			Redknee		+13:00
SGSN	Fiji	679 7000025	202.129.228.0/26		Huawei		+12:00
HSS	Fiji	679 7001021			Affirmed		+12:00
HSS	Fiji	679 7001022			Affirmed		+12:00
SGSN	Fiji	679 7001020	45.117.244.128/28		Affirmed		+12:00

History of changes

Date	Description
2018-11-26	Update of Network Elements Information
2018-08-08	UPDATE
2018-08-06	Update
2018-08-06	update
2018-08-06	update
2018-07-27	Update
2018-07-27	Update
2018-07-27	Update
2018-07-06	Changes made to TONDP

CAMEL INFO

TADIG code: TONDP

Section ID: 15 (Conditional)

Effective date of change: 2018-06-22

gsmSSF/MSC	
CAP Version supported (Inbound)	CAP Version supported (Outbound)
CAPv2 CAPv3	

CAPv4 Partial Implementations		
CAMEL Phase 4 CSIs:	Supported (Yes / No)	Planned Date
MT-SMS-CSI		
MG-CSI		
PSI Enhancements		

History of changes

Date	Description
2018-06-22	Update of CAMEL Information

Packet Data Services Information

TADIG code: TONDP

Section ID: 16 (Conditional)

Effective date of change: 2020-01-28

List of APN Operator Identifiers

APN Operator Identifier	Description	Example
mnc088.mcc539.gprs	Subscribed or wildcard	
mnc088.mcc539.gprs.3gppnetwork.org		

List of APN's available for testing and troubleshooting**APN WEB List**

APN Credential			APN Type	ISP DNS IP address (primary)	ISP DNS IP address (secondary)
APN	Username	Password			
web.digicelpacific.com			H-APN		
Blackberry.net			H-APN		

APN WAP List

APN Credential			APN Type	WAP Gateway IP address	WAP Server URL	WAP Port ver 1	WAP Port ver 2
APN	Username	Password					

APN MMS List

APN	APN Credential		WAP Gateway IP address for MMS	Messaging Server URL
	Username	Password		

IPv6 Connectivity Information

	IPv6 PDP Supported	IPv4v6 PDP Supported
SGSN Support	No	No
GGSN Support	No	No

List of 2G/3G QOS profiles**GTP Version**

SGSN	GTPv1
GGSN	GTPv1

List of Data Service supported

2G Data Services	Multislot Class Capability
GPRS	

3G Data Services

3G Data Services	UE 3G Category
HSDPA	

Multiple PDP Context Support

Number of Primary PDP Context	Not supported
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History of changes

Date	Description
2020-01-28	Change APN Identifier
2018-08-08	UPDATE
2018-08-08	UPDATE
2018-08-06	update
2018-07-27	Update
2018-06-22	Update for Packet-switched data

IP - Roaming and IP - Interworking Information

TADIG code: TONDP

Section ID: 17 (Conditional)

Effective date of change: 2020-08-06

List of All IP address ranges used by PMN for connection to inter - PMN IP backbone	IP Address Range
	45.117.244.128/28

List of Autonomous System Number (ASN):	ASN
	45355

List of Autonomous System Number (ASN4B):	ASN4B
	132528
	133583

List of PMN authoritative DNS server IP addresses and names		
IP address	IPv6 address	DNS Name
45.117.244.136		dnsfij01.mnc002.mcc542.gprs
45.117.244.137		dnsfij02.mnc002.mcc542.gprs

List of GRX Providers	GRX Provider
	TATA - IMSI Sponsor BICS

History of changes

Date	Description
2020-08-06	Removing OLD DNS no longer in use 202.129.228.0/26
2019-05-13	Updated IP Routing for Tonga
2019-05-13	updated GRX Providers
2018-11-01	Updated of IP
2018-07-27	Update
2018-06-22	Update for IP Roaming and inter-working information

LTE Roaming Information

TADIG code: TONDP

Section ID: 20 (Optional)

Effective date of change: 2018-11-26

IPX Provider Name	IPX DA Realm Used	Diameter Architecture
Telstra Global	epc.mnc002.mcc542.3gppnetwork.org	Option5
Primary IP address of DA	Secondary IP address of DA	
202.129.229.132	202.129.229.133	
IPX Provider Name	IPX DA Realm Used	Diameter Architecture
BICS	dra01sngp.dra.bics.3gppnetwork.org	Option6
Primary IP address of DA	Secondary IP address of DA	
94.102.166.151	94.102.166.135	
IPX Provider Name	IPX DA Realm Used	Diameter Architecture
BICS	dra01hnkg.dra.bics.3gppnetwork.org	Option6
Primary IP address of DA	Secondary IP address of DA	
94.102.166.231	94.102.166.247	

Roaming Interconnection

EPC Realms For Roaming	
	epc.mnc002.mcc542.3gppnetwork.org

FQDN Diameter Edge Agent

FQDN	Primary IP Address DEA FQDN	Secondary IP Address DEA FQDN
WEB.DIGICELPACIFIC.COM	202.129.228.6	202.129.228.39

S6a Supported without IWF	S6a MAP IWF supported to HSS	S6a MAP IWF supported to MME
false	false	false

S6d used for legacy SGSN	S9 used for PCC
false	false

SMS ITW

SMS delivery over IP	SMS over NAS (SGs) via SS7	SMS over NAS (SGd) via Diameter
false	true	false

Voice ITW

CSFB

Roaming CS Fallback

Roaming Retry (MTRR)

LTE Roaming Agreement Only	LTE Only Roaming Supported	HPMN	VPMN
2G/3G Roaming Agreement Only	Scenario 2 Supported	No	Yes
	Scenario 3 Supported	Yes	Yes
	Scenario 1 Supported	No	No
2G/3G/LTE Roaming Agreement	Scenario 1 Supported	Yes	Yes
	Scenario 2 Supported	No	No
	Scenario 3 Supported	No	No
	Scenario 4 Supported	No	No
	Scenario 5 Supported	No	No
	Scenario 6 Supported	No	No

List of LTE QOS profiles

Profile name:	TONDP
QCI Value List:	8
	9
QOS ARP List:	8
	9
ARP Preemption Vulnerability List:	0
ARP Preemption Capability List:	0

IPv6 Connectivity Information		
	IPv6 PDP Supported	IPv4v6 PDP Supported
MME Support	No	Yes
SGW Support	No	No
PGW Support	No	Yes

5G early drop support		
	As HPMN	AS VPMN
5G NSA (non-standalone access) supported	No	No
DNS PGW NAPTR includes +nc-nr	No	No
NSA options for EN-DC		
ARD set to support of NR as secondary RAT	No	
Restrict NR access if HSS is not set to support NR as secondary RAT		No

History of changes

Date	Description
2018-11-26	Update of LTE Roaming Information
2018-07-27	Update
2018-07-27	Update
2018-07-27	Update
2018-07-27	Update
2018-07-27	Update
2018-07-06	update
2018-06-22	Update of LTE Information

CONTACT INFORMATION

TADIG code: TONDP

Section ID: 21 (Optional, Repeating)

Effective date of change: 2021-09-22

List of Roaming Troubleshooting Contact Information**Roaming Troubleshooting Contact Information**

Location		Nuku'alofa	
Office Time Zone in UTC		+12:00	
Office Hours	Week Day (s)	Start Time	End Time
	Mon Tue Wed Thu Fri	09:00:00	17:00:00

Main Contact for Troubleshooting (Office Hours)

Team Name	Tel.	Mobile	Fax	Email
Core Pacific				CoreHK.DigicelPacific@digicelgroup.com

Escalation Contact for Troubleshooting

Person Name	Tel.	Mobile	Fax	Email
Tomasi Ofa				Tomasi.Ofa@digicelgroup.com

24 x 7 Troubleshooting (contact out of Office Hours)

Team Name	Tel.	Mobile	Fax	Email
Core Pacific				CoreHK.DigicelPacific@digicelgroup.com

Roaming Troubleshooting Ticketing System Information

Ticket system web address

Ticket system email address

Additional Contacts**SCCP Inquires and ordering of SS7 Routes**

Person Name	Tel.	Mobile	Fax
Fiji Ireg			
JobTitle	Email		
	Fiji.Ireg@digicelgroup.com		

Roaming Coordinator

Person Name	Tel.	Mobile	Fax
Sera Keteca			
JobTitle	Email		
Roaming Manager	Sera.Keteca@digicelgroup.com		

IREG Tests

Person Name	Tel.	Mobile	Fax
Fiji Ireg			
JobTitle	Email		
	Fiji.Ireg@digicelgroup.com		

TADIG Tests

Person Name	Tel.	Mobile	Fax
Fiji Ireg			
JobTitle	Email		
	Fiji.Ireg@digicelgroup.com		

CAMEL Tests

Person Name	Tel.	Mobile	Fax
Fiji Ireg			
JobTitle	Email		
	Fiji.Ireg@digicelgroup.com		

GPRS Tests

Person Name	Tel.	Mobile	Fax
Fiji Ireg			
JobTitle	Email		
	Fiji.Ireg@digicelgroup.com		

Contact Person(s) in PMN for GRX connectivity

Person Name	Tel.	Mobile	Fax
Fiji Ireg			
JobTitle	Email		
	Fiji.Ireg@digicelgroup.com		

Contact Person(s) in PMN for GRX Provider

Person Name	Tel.	Mobile	Fax
Fiji Ireg			
JobTitle	Email		

		Fiji.Ireg@digicelgroup.com
IR21 Distribution Email Address	Email	
	Tonga.Roaming@digicelgroup.com	
	Fiji.Ireg@digicelgroup.com	
	CoreHK.DigicelPacific@digicelgroup.com	
	Sera.Keteca@digicelgroup.com	

History of changes

Date	Description
2021-09-22	updated contacts
2020-08-06	Contacts Update
2020-06-25	updated contacts
2020-06-25	Contact Update
2020-06-25	Update contact distribution
2020-06-25	Updated Distribution
2019-02-27	Contact Updated
2019-02-27	Contact updated
2018-07-27	Update
2018-06-22	Update for Contact Information
2018-06-21	Update of Contact Information

SECTIONS NOT IN USE

TADIG Code	Section ID	Section Name
TONDP	6	Domestic SCCP Gateway
TONDP	7	SCCP Protocol available at PMN for connection for International SS7 Roaming
TONDP	9	Test Numbers Information
TONDP	14	USSD Information
TONDP	18	MMS Interworking Information
TONDP	19	WLAN Information
TONDP	22	Hosted Networks
TONDP	23	M2M Roaming Information
TONDP	24	MVNO Information
TONDP	26	VoLTE Roaming Information Section
TONDP	27	LPWA Roaming Information Section