

GSMA Roaming Database IR. 21 Data



RAEX IR. 21 Information

Creation date:	2014-02-06
Creation time:	14:05:53+01:00
TADIG-GEN schema version:	2.4
RAEX-IR.21 schema version:	8.2



ORGANISATION INFORMATION

TADIG code: NLDPT Section ID: 1 (Mandatory)

Organisation name:	KPN B.V.
Country initials:	NLD



History of changes

TADIG Code	Section ID	Section	Date	Description
NLDPT	17	IP Roaming/Networking Information	2014-02-06	DNS addresses 145.7.74.180 and 145.7.75.180 have been removed as authoritive DNS
NLDPT	17	IP Roaming/Networking Information	2013-12-11	added DNS 145.7.74.180 and 145.7.75.180 - updated DNS description
NLDPT	4	Routing Information	2013-11-29	NDC range +31658700000 up to +31658999999 included at KPN own number ranges
NLDPT	4	Routing Information	2013-11-29	update the NDC ranges for MNP (Mobile Number Portability)
NLDPT	4	Routing Information	2013-11-01	updated additional information DNS addresses
NLDPT	13	Network Elements Information	2013-10-31	added MSC/VLR +316530210000 4G Proxy-MSC
NLDPT	16	Packet Data Service Information	2013-10-31	updated 2G/3G QOS profiles
NLDPT	20	LTE Roaming Information	2013-10-31	updated LTE QoS Profile List
NLDPT	5	International SCCP Gateway	2013-10-21	updated SCCP connectivity information
NLDPT	20	LTE Roaming Information	2013-10-21	added LTE roaming information
NLDPT	4	Routing Information	2013-09-30	updated MNP MSISDN ranges + new NDC France for roaming hubbing service
NLDPT	13	Network Elements Information	2013-09-19	add voice mail system (only send SMS notification to KPN subscribers)
NLDPT	13	Network Elements Information	2013-09-17	updated the SMSC range +31653083*
NLDPT	13	Network Elements Information	2013-09-12	new SCP address range +3165305* has been added
NLDPT	15	CAMEL Information	2013-09-12	IN Home routing numbers +4178409*, +3631790* added (carrier: iBasis inc.)
NLDPT	16	Packet Data Service Information	2013-08-28	domain added in APN Operator Identifier
NLDPT	15	CAMEL Information	2013-08-14	new IN Home routing ranges added +3168019xxxx and +4178409xxxx
NLDPT	17	IP Roaming/Networking Information	2013-07-19	new GRX provider added (iBASIS)
NLDPT	4	Routing Information	2013-07-08	updated Additional Information with new NDC ranges of Roaming Hubbing Services
NLDPT	16	Packet Data Service Information	2013-07-01	ISP DNS IP addresses change from 62.133.126.28 and 62.133.126.29 into 194.151.228.2 and 194.151.228.50
NLDPT	21	Contact Information	2012-12-27	added SMS Interworking contact details
NLDPT	8	Subscriber Identity Authentication	2012-11-07	KPN uses authentication cipher A5/1 and A5/3
NLDPT	9	Test Numbers Information	2012-11-07	modified location of test number 31653101010
NLDPT	4	Routing Information	2012-10-09	added new NDC +3197002 and +3197003 for M2M services
NLDPT	9	Test Numbers Information	2012-07-31	test number +31682991234 added



NETWORK

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

TADIG code:	NLDPT
Network type:	Terrestrial
Presentation of country initials and MNN:	KPN NL
Abbreviated MNN:	KPN
Network colour code:	0



NETWORK INFORMATION

TADIG code: NLDPT Section ID: 3 (Mandatory)

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



ROUTING INFORMATION

TADIG code: NLDPT Section ID: 4 (Mandatory) Effective date of change: 2013-11-20

CCITT E.164 Number series	Country Code (CC)	National Destination Code (NDC)	SN Range Start	SN Range Stop	Primary International DPC	Secondary International DPC		
MSISDN number ranges (s)								
	31	610	000000	999999				
	31	612	000000	999999				
	31	613	000000	999999				
	31	620	000000	999999				
	31	622	000000	999999				
	31	623	000000	999999				
	31	630	000000	999999				
	31	651	000000	999999				
	31	653	000000	999999				
	31	657	000000	999999				
	31	682	000000	099999				
	31	682	100000	999999				
	31	683	000000	999999				
	31	6587	00000	99999				
	31	6588	00000	99999				
	31	6589	00000	99999				
	31	97002	000000	999999				
	31	97003	000000	999999				
Network Nodes Global Title Number	Range(s)							
	31	653	000000	999999				
MSRN Number Range(s)								
	31	653	020000	049999				

E. 212 Number series	Mobile Country Code (MCC)	Mobile Network Code (MNC)	
	204	08	
E. 214 Mobile Global Title (MGT)	Country Code of MGT (CC)	Network Code of MGT (NC)	
	31	653	
		·	
Does Number Portability apply ?	Yes		
	*		
USIM SIM Header		893108	

E. 164 Number Ranges due to Number Portability	CC	NDC	SN Range Start	SN Range Stop
	31	611	000000	999999
	31	614	000000	999999
	31	615	000000	999999
	31	616	000000	999999
	31	617	000000	999999
	31	618	000000	999999
	31	619	000000	999999
	31	621	000000	999999
	31	624	000000	999999
	31	625	000000	999999
	31	626	000000	999999
	31	627	000000	999999



E. 164 Number Ranges due to Number Portability	CC	NDC	SN Range Start	SN Range Stop
	31	628	000000	999999
	31	629	000000	999999
	31	631	000000	999999
	31	6320	00000	99999
	31	6321	00000	99999
	31	6322	00000	99999
	31	633	000000	999999
	31	634	000000	999999
	31	6350	00000	99999
	31	6351	00000	99999
	31	6352	00000	99999
	31	6359	00000	99999
	31	636	000000	999999
	31	6370	00000	99999
	31	6371	00000	99999
	31	6372	00000	99999
	31	6373	00000	99999
	31	6374	00000	99999
	31	6375	00000	99999
	31	638	000000	999999
	31	639	000000	999999
	31	640	000000	999999
	31	641	000000	999999
	31	642	000000	999999
	31	643	000000	999999
	31	644	000000	999999
	31	645	000000	999999
	31	646	000000	999999
	31	647	000000	999999
	31	648	000000	999999
	31	649	000000	999999
	31	650	000000	999999
	31	652	000000	999999
	31	654	000000	999999
	31	655	000000	999999
	31	6560	00000	99999
	31	6561	00000	99999
	31	6580	00000	99999
	31	659	00000	999999
	31	6800	00000	99999
	31			99999
	31	6801 681	00000	999999
	31	684	000000	999999
	31	685	000000	999999
	31	6860	00000	99999
	31	6861	00000	99999
	31	6862	00000	99999
	31	6863	00000	99999
	31	6864	00000	99999
	31	6868	00000	99999
	31	687	000000	999999
	31	6888	00000	99999

Additional Information

MMS port number is 5080

The DNS GP1P and GP1S need to be queried when KPN subscribers are roaming in your network

The call forwarding to voicemail and IN Home Routing numbering can have a length of 15 digits

----- KPN Roaming Hubbing Services -----

MSISDN ranges which do not start with +31 are used by our Roaming Hubbing services of KPN. The following CC+NDC can be used for Roaming Hubbing Services

The below MSISDN ranges are the main ranges (which do not include the ranges for number portability in the respective country)

Austria 436889, 4368860, 4368861



Additional Information

Belgium 324665, 324666, 324667

Denmark 455069, 455063, 454290, 456098, 457196, 457197, 457198, 458137, 458138, 458139, 458146, 458147, 458148, 458149, 459126, 459127, 459128, 459129, 459127, 459228, 459229, 45923

Finland 3584547

France 33759, 337543

Hungary 363178

Poland 48720, 488811, 487298, 487299, 487391

Portugal 3519230, 3519231, 3519232

Somalia 25261

Spain 346440, 346441, 346442, 346443, 346444, 346445, 346446, 346400, 346401

Sweden 467265, 467267, 467268, 467319, 467698, 467699, 467212, 467213

Switzerland 417698, 417699, 417840

United Kingdom 4475202, 4474510, 4474511, 4474513, 4474514, 4474518, 4474519, 4474570, 4474571, 4474573, 4474575, 4474650, 4474651, 4475894, 4475895, 4475896, 4475897, 4475898, 4475899, 4478921

Short Number Translation Information List			
Short Number	Long Number	Service Name	
1200	31612001200	customer service	
1233	31612001233	voice mail	



INTERNATIONAL SCCP GATEWAY

TADIG code: NLDPT Section ID: 5 (Optional) Effective date of change: 2013-10-21

International SCCP carrier list			
SCCP carrier name:	SCCP Carrier		
Connectivity information:	Primary		
Comments:	iBasis		
MNO TADIG code list:			
DPC info:			
Signature:	ASD-STP2		
Type:	Stand_alone_ISTP		
International DPC:	2.9.0		
Comments:	iBasis Inc.		
DPC info:			
Signature:	RT-STP2		
Туре:	Stand_alone_ISTP		
International DPC:	2.9.1		
Comments:	iBasis Inc.		



SCCP Protocol available at PMN for connection for International SS7 Roaming

TADIG code: NLDPT Section ID: 7 (Optional) Effective date of change: 2011-11-07

SCCP Protocol available at PMN	Availability (Yes / No)
ETSI (ITU):	Yes
ANSI:	No



SUBSCRIBER IDENTITY AUTHENTICATION

TADIG code: NLDPT Section ID: 8 (Optional) Effective date of change: 2012-11-07

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	Yes
A5 Cipher Algorithm version in use	



Test Numbers Information

TADIG code: NLDPT Section ID: 9 (Optional) Effective date of change: 2012-11-07

Number Type	Test Number	Location	Comments
AAC	31653101010	voice mail retrieval	Dutch announcement - will disconnect automatically
AAC	31682991234	The Hague	can be used for both voice and SMS



MOBILE APPLICATION PART (MAP)

TADIG code: NLDPT Section ID: 10 (Optional) Effective date of change: 2011-12-01

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



MAP Inter Operator SMS Enhancement

TADIG code: NLDPT Section ID: 12 (Optional) Effective date of change: 2011-12-01

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



NETWORK ELEMENTS INFORMATION

TADIG code: NLDPT Section ID: 13 (Optional) Effective date of change: 2013-10-30

Rode type	Node ID	GT address / Address range	IP address / Address range	Vendor info	SW/HW version	Dual access	Location	UTC offset	DST start	DST end
HLR		31 653080 0000 / 9999		Nokia				+01:00		
HLR		31 653086 0000 / 9999		Huawei				+01:00		
MMSC		31 6530871 000 / 999						+01:00		
MMSC		31 6530872 000 / 999						+01:00		
MMSC		31 6530873 000 / 999						+01:00		
MMSC		31 6530874 000 / 999						+01:00		
MSC/VLR		31 653021 0000 / 9999		Huawei			Amsterdam	+01:00		
MSC/ VLR-2G+3G		31 653025 0000 / 9999		Huawei		1	Rotterdam 1	+01:00		
MSC/ VLR-2G+3G		31 653026 0000 / 9999		Huawei		1	Rotterdam 2	+01:00		
MSC/ VLR-2G+3G		31 653028 0000 / 9999		Ericsson				+01:00		
MSC/ VLR-2G+3G		31 653029 0000 / 9999		Huawei				+01:00		
MSC/ VLR-2G+3G		31 653032 0000 / 9999		Huawei		1	Arnhem 1	+01:00		
MSC/ VLR-2G+3G		31 653035 0000 / 9999		Huawei		1	Amsterdam 1	+01:00		
MSC/ VLR-2G+3G		31 653036 0000 / 9999		Huawei		1	Amsterdam 2	+01:00		
MSC/ VLR-2G+3G		31 653037 0000 / 9999		Ericsson				+01:00		
MSC/ VLR-2G+3G		31 653038 0000 / 9999		Huawei				+01:00		
MSC/ VLR-2G+3G		31 653040 000 / 999		Huawei		1	Arnhem 2	+01:00		
MSC/ VLR-2G+3G		31 653042 000 / 999		Huawei		1	Arnhem 3	+01:00		
MSC/ VLR-2G+3G		31 653043 000 / 999		Huawei		1	Amsterdam 3	+01:00		
MSC/ VLR-2G+3G		31 653045 000 / 999		Huawei		1	Rotterdam 3	+01:00		
MSC/ VLR-2G+3G		31 6530831 000 / 999						+01:00		
Other		31 653088 6000 / 9999		Voice Mail System				+01:00		
SCP		31 65305 30000 / 39999						+01:00		
SCP		31 65309 40000 / 99999						+01:00		
SGSN-2G+3G		31 653077 0000 / 9999		Huawei		1		+01:00		
SGSN-2G+3G		31 653078 0000 / 9999		Huawei		1		+01:00		
SMSC		31 65307 00000 / 99999		Acision				+01:00		
SMSC		31 653083 1000 / 3999		Acision				+01:00		
SMSC		31 65309 00000 / 99999		Acision				+01:00		
SMSC		31 6531 00000 / 99999		Acision				+01:00		



USSD Information

TADIG code: NLDPT Section ID: 14 (Optional) Effective date of change: 2011-11-07

USSD capability available	Yes
Supported phase	Phase 1



CAMEL INFO

TADIG code: NLDPT Section ID: 15 (Conditional)

gsmSSF/MSC					
CAP Version supported (Inbound)		CAP Version supported (Outbound)			
CAPv1 CA	APv2	C	APv1		
CAMEL Functionality Information			1		
Service(s) Name	SK	CAP Version	SCP GT addresses		
Prepaid	11	CAPv1	316530989700		
Postpaid	9	CAPv1	316530989700		
Mobile VPN	4020	CAPv1	316530969500		
CAPv4 Partial Implementations					
CAMEL Phase 4 CSIs:		Supported (Yes / No)	Planned Date		
O - CSI					
D - CSI					
VT - CSI					
MT - SMS - CSI					
Functionalities:		Supported (Yes / No)	Planned Date		
nitiate Call Attempt					
Split Leg					
Move Leg					
Disconnect Leg					
Entity Released					
DFC With Argument					
Play Tone					
DTMF Mid Call					
Charging Indicator					
Alerting DP					
ocation At Alerting					
Change Of Position DP					
OR Interactions	· · · · · · · · · · · · · · · · · · ·				

CAPv4 Partial Implementations

Warning Tone Enhancements
CF Enhancements

CAI V4 I artial implementations		
CAMEL Phase 4 CSIs:	Supported (Yes / No)	Planned Date
MT - SMS -CSI		
MG - CSI		
PSI Enhancements	1	

CAMEL Rerouting Numbering
31653XXXXXXXXX
3168019xxxx

4178409xxxx 36317900xxx 363179098xx



Packet Data Services Information

TADIG code: NLDPT Section ID: 16 (Conditional)

Effective date of change: 2013-10-30

List of APN Operator Identifiers					
APN Operator Identifier	Description	Example			
mnc008.mcc204.gprs					
mnc008.mcc204.3gppnetwork.org	4G LTE				

List of APN's available for testing and troubleshooting

APN WEB List				
	APN Credential		ISP DNS IP address	ISP DNS IP address
APN	Username	Password	(primary)	(secondary)
internet			194.151.228.2	194.151.228.50

APN WAP List

	APN Credential		WAP Gateway	WAP Server URL	WAP Port ver 1	WAP Port ver 2
APN	Username	Password	IP address			
portalmmm.nl			10.10.100.10	http://mobileportal/	8080	

MMS	

	APN Credential		WAP Gateway IP	Messaging
APN	Username	Password	address for MMS	Server URL
portalmmm.nl			10.10.100.20	http://mp.mobiel.kpn/mmsc

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

List of 2G/3G QOS profiles		
Profile name:	Web Browsing	
Traffic class:	Interactive	
ARP:	2	
Evolved ARP:	9	

GTP Version		
SGSN	GTPv1	
GGSN	GTPv1	

List of Data Service supported

Data Service	Multislot Class Capability
GPRS	
HSDPA	
HSUPA	
3G PS	

Multiple PDP Context Support	
Number of Primary PDP Context	Not supported



IP - Roaming and IP - Interworking Information

TADIG code: NLDPT Section ID: 17 (Conditional) Effective date of change: 2014-02-06

List of All IP address ranges used by PMN for connection to inter - PMN IP backbone	IP Address Range
	145.7.74.0/23
	145.7.46.0/23
	145.7.74.0/25
	145.7.74.128/25
	145.7.75.0/25
	145.7.75.128/25
	145.7.44.0/25
	145.7.44.128/25
	145.7.45.0/25
	145.7.45.128/25
	145.7.46.0/25
	145.7.46.128/25
	217.18.36.0/27
	62.41.64.96/29
	82.113.69.0/26
	80.74.229.0/24
	62.179.110.160/29
	62.179.110.152/29
	62.179.111.160/29
	62.179.111.152/29
	62.41.64.8/29
	145.7.44.0/23
	95.81.167.32/29

RAI Additional MCC/MNC List	MCC	MNC
	<u> </u>	
ULI Additional MCC/MNC List	MCC	MNC

List of Autonomous System Number (ASN):	ASN
	1134
	64595
	15954
	64550
	39477
	20933
	6830
	43646

List of PMN authoritative DNS server IP addresses and names	IP address	DNS Name
	145.7.74.188	GP1P (foreign SGSN queries KPN DNS)
	145.7.75.188	GP1S (foreign SGSN queries KPN DNS)

List of PMN local caching DNS server IP addresses and names	IP address	DNS Name
	145.7.44.154	GN1P (KPN SGSN queries foreign DNS)
	145.7.44.158	GN1P (KPN SGSN queries foreign DNS)
	145.7.44.170	GN1P (KPN SGSN queries foreign DNS)GN1P (KPN SGSN queries foreign DNS)
	145.7.44.174	GN1P (KPN SGSN queries foreign DNS)
	145.7.44.186	GN1P (KPN SGSN queries foreign DNS)
	145.7.44.190	GN1P (KPN SGSN queries foreign DNS)
	145.7.44.202	GN1P (KPN SGSN queries foreign DNS)
	145.7.44.206	GN1P (KPN SGSN queries foreign DNS)

145.7.74.9 IP addresses that respond to ping / traceroute:



List of GRX Providers	GRX Provider	
	iBasis Belgacom Comfone	



LTE Roaming Information

TADIG code: NLDPT Section ID: 20 (Optional)

Effective date of change: 2013-11-01

Roaming Interconnection

IP Addresses Diameter Edge Agent	IP address(es)
	145.7.112.4
	145.7.112.5
	145.7.112.36
	145.7.112.37
	145.7.112.68
	145.7.112.69
	145.7.112.100
	145.7.112.101

S6a Supported without IWF	S6a MAP IWF supported to HSS	S6a MAP IWF supported to MME	
true	false	false	
S6d used for legacy SGSN	S8 GTP interface available	S8 PMIP interface available	

S6a hostnames

epc.mnc008.mcc204.3gppnetwork.org

S9 hostnames PCRF list	
	not available
S9 used for PCC	false

SMS ITW

SMS delivery over IP	SMS delivery over SGs		
false	true		

Voice ITW	
	CSFB

Roaming Retry	
Is Roaming Retry supported?	No

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

List of LTE QOS profiles		
Profile name:	Web Browsing	
QCI:	7	
ARP:	6	

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

Information for Diameter certificates exchange



LTE Information	
QCI Value 1 Supported	No
QCI Value 2 Supported	No
QCI Value 3 Supported	No
QCI Value 4 Supported	No
QCI Value 5 Supported	No
QCI Value 6 Supported	No
QCI Value 7 Supported	Yes
QCI Value 8 Supported	No
QCI Value 9 Supported	No



CONTACT INFORMATION

TADIG code: NLDPT Section ID: 21 (Optional, Repeating) Effective date of change: 2011-11-03

List of Roaming Troubleshoo							
Roaming Troubleshooting C	ontact Infori	mation					
Location				Hilversum/ The Hague			
Office Time Zone in UTC				+01:00			
Office Hours	Week Day (s)				Start Time	End Time	
		Mon Tue Wed	Thu Fri	(09:00:00	17:00:00	
Main Contact for Troublesho	oting (Office						
Team Name		Tel		Fax		Email	
Technical Supp		3170343	8133		intern	ationalroaming@kpn.com	
Escalation Contact for Troub							
Person Name	е	Tel		Fax		Email	
Network Operation		3170446	2100				
24 x 7 Troubleshooting (cont	tact out of O	ffice Hours)					
Team Name		Tel		Fax		Email	
Network Operation	Centre	3170446	2100				
Additional Contacts							
SCCP Inquires and ordering	of SS7 Rout	tes					
l l		n Name		Tel.	Mobile	Fax	
-		Basis	172	15057551	HIODHG	17815057300	
-	1 1	JobTitle	170	10007001	Em		
-	SCC 1	nternational Se	rvico		support@		
		ntrol Centre 24			supporte	ibasis.riet	
	COI	Inition Certifie 24	HII				
Roaming Coordinator							
Realining Goordinator	Person Name			Tel.	Mobile	Fax	
-			31703432105		WODILE	31703435585	
-	Mr Marco Hanen JobTitle		31703432105		Em		
-			40.5	Email roaming@kpn.com			
L.	Roaming Coördinator		itor	roaming@kpn.com			
IREG Tests							
IKEO 10015	Person	n Name		Tel.	Mobile	Fax	
-		Test team		101.	WODIIC	Tax	
<u> </u>	IIILO	JobTitle			Em	oil	
-	ır	REG Test team		Email birin011@kpn.com			
L.	ır	REG Test team	<u> </u>		DITIOTTIE	ekpn.com	
TADIG Tests							
	Person	n Name		Tel.	Mobile	Fax	
-		Test team		161.	MODILE	I ax	
<u> </u>	rauig	JobTitle			Em	ail	
-	т.	adig Test team		Email roamingbilling@kpn.com			
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Other contact(s)							
(3)	Person	Name		Tel.	Mobile	Fax	
F		er Care	315	05885899		31503188559	
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	Inter Operator Customer Care Person Name		J. Juio	Tel.	Mobile	Fax	
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SECTIONS NOT IN USE

TADIG Code	Section ID	Section Name		
NLDPT	6	Domestic SCCP Gateway		
NLDPT	11	MAP Optimal Routing Section		
NLDPT	18	MMS Interworking Information		
NLDPT	19	WLAN Information		
NLDPT	22	Hosted Networks		