TANGO Standard
Direct Wholesale Roaming Access Agreement

Between

TANGO,
Having its registered address at 177, Rue de Luxembourg, L-8077 Bertrange

....................................................
(Hereinafter referred to as "TANGO")

And

<<Operator>>, having its registered address:

....................................................
(Hereinafter referred to as "Operator")

Both TANGO and Operator being jointly referred to as the Parties.
1. **Introduction and scope**

1.1. The Parties have expressed their wish to enter into this Direct Wholesale Roaming Access Agreement ("Agreement") for the provision by TANGO of Direct Wholesale Roaming Access Services, in order to enable Roaming Customers of Operator to gain access to mobile telecommunications services in the geographic areas where TANGO operates as a PMN.

1.2. The Operator is either (i) an MNO constituting a Roaming Provider or (ii) a full MVNO which operates as an MNO in relation to international roaming and which equally constitutes a Roaming Provider.

1.3. This Direct Wholesale Roaming Access Agreement contains the basic principles applicable to the Services provided by TANGO to Operator.

1.4. The Services and the technical terms and conditions offered by TANGO to Operator shall not differ substantially from those provided by TANGO to other Operators who request a similar service upon similar technical, qualitative and pricing conditions, however subject to technical availability. Roaming Customers of Operator, during roaming, shall experience conditions of service that do not differ substantially from those provided by TANGO to other Operators who request a similar service upon similar technical, qualitative and pricing conditions, however subject to technical availability.

Without prejudice to the foregoing, the Parties may alternatively directly amend the terms and conditions of this Agreement, or otherwise include deviation into a separate Exhibit attached to this Agreement.

1.5. The Annexes, including the Overview of the Annex Structure, constitute an integral part of the Agreement. In case of discrepancy between different parts of the Agreement the following order of interpretation shall be applied:

1. the main body of this Agreement; and
2. the Annexes

1.6. In case of additional requirements, exceptions and/or contradictions between the Agreement and any Technical Specifications or GSM Association Permanent Reference Documents, the provisions of the Agreement shall prevail.

1.7. Subject to applicable laws, the Parties agree to be bound by GSMA Permanent Reference documents relevant to International Roaming for example but not limited to:

1. GSMA PRDs related to Quality of Service;
2. GSMA PRDs related to Fraud Detection; and
3. GSMA PRDs relating to Billing between the parties including Invoicing, Settlement and dispute resolution.

1.8 The conclusion of the Agreement is subject to the respect of the procedure for access requests, as described on TANGO website.

2. **Starting Date**

2.1. The actual commercial starting date for International Roaming shall be the date as agreed by both Parties in written form after successful completion of all necessary network and billing test procedures.
3. Definitions

For the purpose of the Agreement the following terms shall have the meanings set forth in their respective definitions below, unless a different meaning is called for in the context of another provision in the Agreement:

3.1. "Affiliated Company" of a Party means any other legal entity:
   1. directly or indirectly owning or controlling the Party, or
   2. under the direct or indirect ownership or control of the same legal entity directly or indirectly owning or controlling the Party, or
   3. directly or indirectly owned or controlled by the Party,
   for so long as such ownership or control lasts.

Ownership or control shall exist through the direct or indirect ownership of more than 50 % of the nominal value of the issued equity share capital or of more than 50 % of the shares entitling the holders to vote for the election of directors or persons performing similar functions.

3.2. "Agreement" shall mean this Direct Wholesale Roaming Access Agreement together with the Annexes attached hereto.

3.3. "Date of the Agreement" shall mean the date as of which both Parties have signed the Agreement by their duly authorized representatives.

3.4. Direct Wholesale Roaming Access shall have the meaning as defined in Article 2 (2) (p) of the Roaming Regulation, with the exception of wholesale roaming resale access as defined in Article 2 (2) (q) of the Roaming Regulation.

3.5. "GSM Association General Assembly" shall mean that body of the GSM Association formed by the Members and Associate Members.

3.6. "GSM Association Permanent Reference Documents" means a document noted as such by the PSMC to the General Assembly and listed as such by Headquarters on the list of Permanent Reference Documents.

3.7. "International Roaming" or "IR" shall mean the provision of Services by TANGO in respect of which access is granted by Roaming Customers of Operator through TANGO’ s PMN.
3.8. **"Public Mobile Network"** or **"PMN"** shall mean a network that complies with the definition of a GSM network as set out in the Articles of Association of the GSM Association (AA.16).\(^1\)

3.9. **"Roaming Customer"** shall have the meaning as defined in Article 2 (2) (g) of the Roaming Regulation and shall in practice mean a person or entity with a valid legal relationship with Operator using a GSM SIM (Subscriber Identity Module) and/or a GSM USIM (Universal Subscriber Identity Module) for use by that person or entity of the Services while roaming on TANGO's PMN in accordance with the terms and conditions of this Agreement.

3.10. **Roaming Provider** shall have the meaning as defined in Article 2 (2) (a) of the Roaming Regulation.


3.12. **Services** shall mean the services of Direct Wholesale Roaming Access provided under this Agreement, as specified in Annexes 2 and 10, as the same may be amended from time to time by TANGO.

3.13. **Session** shall mean the time between PDP Context Activation until PDP Context deactivation.

3.14. **"TAP"** shall mean Transferred Account Procedure as defined and described in GSM Association Permanent Reference Documents.

3.15. **"Technical Specifications"** shall mean the technical specifications defined and adopted by 3GPP (Third Generation Partnership Project), including the ETSI technical specifications defined and adopted by 3GPP.

3.16. The terms **"Member"**, **"Associate Member"**, and **"Headquarters"** shall bear the meanings ascribed to them in the Articles of Association of the GSM Association (AA16).

The rights and obligations set out in this Agreement shall in case of doubt be interpreted in accordance with the terms of the Roaming Regulation.

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\(^1\) Please note that in AA16 GSM network refers to the family of GSM mobile communications systems and future evolutions thereof, e.g. GSM, DCS, PCS, UMTS or its equivalent.
4. Annexes

4.1. The Annexes are divided as set out in the Overview of the Annex Structure.

5. Technical Framework

5.1. In respect of and subject to their licenses or rights and other national binding regulations to establish and operate Public Mobile Networks, the Parties to the Agreement agree, subject to Article 5.2, to establish IR in accordance with:

1. relevant Technical Specifications;
2. all binding GSM Association Permanent Reference Documents; and
3. those non-binding GSM Association Permanent Reference Documents which are agreed by the Parties and specifically set out in the Annexes;

including in each case all the commercial aspects, as defined in the Agreement, including the Annexes hereto.

5.2. Additional requirements and exceptions to the Technical Specifications and GSM Association Permanent Reference Documents, as agreed between the Parties, are detailed in the Agreement and/or Annexes to the Agreement.

6. Management of Modifications to the Services

6.1. Following notice of change served by TANGO to implement new Services or changes to any existing Services in accordance with Article 20.2 Section 2 both Parties shall discuss the impact of any such change for Roaming Customers (including Roaming Customers’ access to these Services) and in relation to:

1. network and billing test procedures as set out in the Technical Specifications and the GSM Association Permanent Reference Documents, as requested by either Party;
2. administrative activities; and
3. the targeted starting date for the changed services.

6.2 The Roaming provider is entitled to ask the Direct Wholesale Operator, prior to the launch, a forecast of all voice, SMS and data traffic for the coming 12 months after commercial launch.

7. Charging, Billing & Accounting

7.1 When a Roaming Customer uses the Services made available hereunder by TANGO, Operator shall be responsible for payment of charges for the said Services so used in accordance with the tariff of TANGO.

7.2 However, Operator shall not be liable for the payment of charges for chargeable Services provided by TANGO without Subscriber Identity Authentication as defined in GSM Association Permanent Reference Documents, except to the extent that Operator actually recovers all charges due in relation to the Roaming Customer. In the case of re-authentication malfunction, procedures are further detailed in Annex 9.

7.3 The Roaming provider is entitled to ask the Wholesale Operator, prior to the commercial launch, to provide a bank guarantee based on the traffic forecast for
8. Implementation of TAP

8.1. The Parties shall implement TAP according to the GSM Association Permanent Reference Documents and the provisions set out in the Annex 3.1.

9. Billing and Accounting

9.1. The Parties shall implement billing and accounting according to the GSM Association Permanent Reference Documents and the provisions set out in Annex 3.

10. Customer Care

10.1. The responsibilities of each Party concerning Customer Care are described in Annex 4.

11. Confidentiality

11.1. The Parties agree that all aspects of the contents of the Agreement shall be treated as Information (as defined below) and no information in respect to the content of the Agreement shall be disclosed without the prior written consent of the Parties except as reasonably necessary to implement the Agreement

11.2. In addition to Article 11.1 hereof, the Parties hereby agree to treat all information exchanged between them (hereinafter referred to as "Information") as confidential and agree not to disclose such Information in any manner whatsoever, in whole or in part except as provided in this Article 11. The Parties shall not use any Information other than in connection with the discussions between them and any transactions resulting therefrom, or for the provision of the Services as contemplated herein. The Parties are also entitled to disclose Information to third parties in the context of a possible bona fide acquisition or sale of its operations in support of reasonably related due diligence activities in respect thereof, or for the borrowing of funds or obtaining of insurance, in which case any third parties (including lenders or insurance companies) involved in such activities shall be obliged to enter into confidentiality agreements which have the equivalent content as this Article 11 before receiving the Information. In addition to the foregoing, the Parties shall also be entitled to share information with Affiliated Companies, directors, agents, professional advisers, contractors, employees or resellers on a need to know basis provided that such Affiliated Companies, agents, contractors, employees or resellers have entered into confidentiality agreements in a form substantially equivalent to and on terms and conditions no less stringent than the terms and conditions set out in this Article 11. Subject to Article 11.3 hereof, each Party shall be liable in accordance with Article 14 (subject to Article 11.3 hereof) toward the other Party (ies) in respect of any unauthorized disclosure of Information made by any other authorized recipients.
11.3. Notwithstanding Article 14 each Party shall be liable under this Agreement to the other Party in respect of any proven damage or loss to the other Party caused by its unauthorised use or disclosure of such information only up to the sum of five hundred thousand (500,000) SDR.

11.4. Notwithstanding Article 11.1 above, Information and the contents of this Agreement may be transmitted to governmental, judicial or regulatory authorities, as may be required by any governmental, judicial or regulatory authority.

11.5. For the purposes of the Agreement, Information and the contents of this Agreement shall not be considered to be confidential if such Information is:

1. in or passed into the public domain other than by breach of this Article; or
2. known to a receiving Party prior to the disclosure by a disclosing Party; or
3. disclosed to a receiving Party without restriction by a third party having the full right to disclose; or
4. independently developed by a receiving Party to whom no disclosure of confidential Information relevant to such Information has been made.

11.6. Each Party agrees that in the event of a breach or threatened breach of Article 11, the harm suffered by the other Party would not be compensable by monetary damages alone and, accordingly, in addition to other available legal or equitable remedies, the other Party shall be entitled to apply for an injunction or specific performance with respect to such breach or threatened breach, without proof of actual damages (and without the requirement of posting a bond or other security) and each Party agrees not to plead sufficiency of damages as a defence.

11.7. Article 11 shall survive the termination of the Agreement for a period of ten (10) years but shall not in any way limit or restrict a disclosing Party’s use of its own confidential Information.

12. Data Privacy

12.1. Each Party’s obligations hereunder to transfer information to the other Party shall not apply to the extent that a Party is prohibited from doing so by the regulations and laws of its own country applicable to IR and/or data protection.

12.2. Each Party shall inform its customers that during roaming, the storage, treatment and transfer of their personal data may be subject to regulation different from the regulation in their own country.

12.3. The Parties confirm that they shall comply with the Data Privacy Regulations/Laws applicable in their respective countries.

13. Fraud Prevention

13.1. The Parties shall comply with the procedures and provisions concerning fraudulent or unauthorised use by Roaming Customers set out in the GSM Association Permanent Reference Documents and in Annex 7.
14. Liability of the Parties

14.1. Neither Party shall be liable to the other Party under or in connection with the Agreement except:

1. in respect of charges to be paid to TANGO pursuant to Article 8;
2. to the extent of its negligence where such negligence results in proven damages or loss to the other Party, in which event the liability of the negligent Party shall be limited to and shall in no event exceed two hundred and fifty thousand (250,000) SDR in respect of any one incident or series of incidents arising from the same cause;
3. in respect of charges arising from non-compliance with binding GSM Association Permanent Reference Documents pursuant to Article 14.

14.2. Furthermore, in no event shall either Party be liable for any consequential damage or loss of whatsoever nature, including but not limited to, loss of profit or loss of business, even if such Party has been advised of the possibility of such loss or damage.

14.3. In no event shall any employee of either Party or of an Affiliated Company be liable to the other Party for any act of negligence or intent under or in connection with the Agreement. Save for the limitations in Articles 14.1 and 14.2 nothing in the foregoing shall in any way restrict the liability of either Party for the actions of its employees.

14.4. Limitation of liability as described in this Article shall not apply if damage or loss is caused by a Party's wilful misconduct (including fraud) or gross negligence.

15. Suspension of Services

15.1. Notwithstanding anything in the Agreement to the contrary, TANGO may without liability suspend or terminate all or any of its Services to Roaming Customer(s) in circumstances where it would suspend or terminate those Services to its own customers, including but not limited to:

1. Roaming Customers using equipment which is defective or illegal; or
2. Roaming Customers causing any technical or other problems on TANGO’s Public Mobile Network; or
3. suspected fraudulent or unauthorised use; or
4. authentication of the legal relationship not being possible; or
5. Traffic volumes which significantly differ from predicted volumes; or
6. maintenance or enhancement of its Public Mobile Network; or
7. Suspension by non-payment exceeding 3 months.

15.2. In case of a proposed suspension of Services to all Roaming Customers, TANGO shall use commercially reasonable efforts to give four (4) weeks written notice (shorter notice may apply given the circumstances related to the suspension) to Operator prior to the suspension taking effect. If the suspension continues for more than six (6) months, Operator shall have the right to terminate the Agreement with immediate effect by written notice.

15.3. Notwithstanding the provisions of Article Error! Reference source not found., Operator has the right at any time, for technical reasons, without liability but upon detailed written notice to TANGO, to suspend access to the
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Services to its Roaming Customers. Alternatively, if it is technically more practicable, Operator may require TANGO to suspend all of its Services to Roaming Customers of Operator. TANGO shall use commercially reasonable efforts to comply with such requirement within seven (7) calendar days after receipt of the said notice.

15.4. The Parties agree that the suspension described in Article 15.3 shall be removed as soon as the technical reason for the suspension has been overcome by TANGO or Operator as the case may be.

16. Force Majeure

16.1. Non-performance of either Party’s obligations pursuant to the Agreement or delay in performing same (except with respect to the payment of charges applicable hereunder) shall not constitute a breach of the Agreement if, and for as long as, it is due to a force majeure event, including, but not being limited to, governmental action, or requirement of regulatory authority, lockouts, strikes, shortage of transportation, war, rebellion or other military action, fire, flood, natural catastrophes, or any other unforeseeable obstacles that a Party is not able to overcome with reasonable efforts, or non-performance of obligations by a sub-contractor to a Party pursuant to any of the aforementioned reasons. The Party prevented from fulfilling its obligations shall on becoming aware of such event inform the other Party in writing of such force majeure event as soon as possible. If the force majeure event continues for more than six (6) months, either Party shall have the right to terminate the Agreement with immediate effect by written notice.

16.2. If the affected Party fails to inform the other Party of the occurrence of a force majeure event as set forth in Article 16.1 above, then such Party thereafter shall not be entitled to refer such events to force majeure as a reason for non-fulfilment. This obligation does not apply if the force majeure event is known by both Parties or the affected Party is unable to inform the other Party due to the force majeure event.

17. Duration of the Agreement

17.1. The Agreement comes into force on the Date of the Agreement and subject to the conditions of Articles 15.2, 16.1 and 18 shall remain in force for the term agreed between the Parties unless terminated according to the following rules (as detailed in article 19).

18. Termination of the Agreement

18.1. In addition to the conditions of Articles 15.2, 16.1 and 17 the Agreement may be terminated as follows:

1. by mutual agreement of the Parties in writing subject to a prior notice of six (6) months; or
2. by one of the Parties, with immediate effect, when the other Party is in material breach of the Agreement and does not or is not capable of remedying such breach within sixty (60) days of receipt of a written notice to such effect;
3. by one of the Parties, with immediate effect, if the other Party becomes bankrupt or insolvent or if that other Party enters into any composition or arrangement with its creditors and that other Party is not able to ensure
4. by written notice of either Party to the other in the event that IR becomes technologically or commercially impracticable on TANGO’s Public Mobile Network and the provisions set out in Article 15 are not sufficient to solve the problem or if an unacceptable level of unauthorized use occurs and the other Party is not capable of remedying such unauthorized use within sixty (60) days of receipt of a written notice to such effect; or

5. subject to Article 14.1 immediately in the event a final order by the relevant governmental authority revoking or denying renewal of the license(s) or permission to operate a Public Mobile Network(s) granted to either Party, or any other license necessary to operate the Service(s), takes effect.

18.2. In the event of termination on the grounds of a breach of the Agreement under the Article 18.1.2, the Party in breach shall, notwithstanding Article 14.2, be liable to the other Party (in addition to charges properly due and payable to TANGO) for proven direct damage or loss (excluding indirect or consequential damage or loss) arising as a consequence of such breach up to a maximum aggregate liability of two hundred and fifty thousand (250,000) SDR, provided, however, that such limitation of liability shall not apply if a damage or loss is caused by a Party’s wilful misconduct or gross negligence.

19. Changes to the Agreement, Annexes and Addenda

19.1. Any amendments and/or additions to the Agreement and/or Annexes and/or Addenda shall be valid only if made in writing and signed by duly authorized representatives of both Parties hereto.

19.2. Notwithstanding Article 19.1 TANGO shall be entitled to:

1. implement new Services or change existing Services as it sees fit subject to the successful completion of all network and billing test procedures as set out in the Technical Specifications and the GSM Association Permanent Reference Documents and as requested by either Party. TANGO shall give Operator at least thirty (30) days’ prior written notice of any implementation of Services for the first time. TANGO also agrees to use its reasonable efforts to give the other Party at least thirty (30) days prior written notice of any other proposed implementation of new Services or change of existing Services which is a major change which has an impact on IR;

2. terminate all or any existing Services offered by or to a roaming partner. TANGO agrees to use its reasonable efforts to give Operator at least sixty (60) days prior written notice of any termination of existing Services which is a major change which has an impact on IR; or

3. subject to the constraints of the Roaming Regulation, vary its tariff stated in the Annex 10 or subsequent variation thereof. In the case of scheduled changes (as described in BA.27) TANGO shall give sixty (60) days’ written notice of any variation to its tariff and the new change shall take effect on the first day of the month following the expiration of the sixty (60) day notice period. In the case of unscheduled changes TANGO shall use all reasonable endeavours to give adequate notice of such changes and the new change shall take effect on the first day following the expiration of the notice period given. Any variation in the tariff shall be deemed to be
incorporated into the Agreement. Any challenges to changes to the Tariff shall be made in accordance with Article 23.22.2;

19.3. The references to Technical Specifications and binding GSM Association Permanent Reference Documents in Article 5.1 (1) and (2) shall be deemed to include references to these documents as amended by GSM Association from time to time. However the reference to non-binding GSM Association Permanent Reference Documents in Article 5.1(3) shall not be deemed to include a reference to such non-binding documents as amended by GSM Association from time to time unless and to the extent that this is expressly agreed by the Parties and detailed in the Agreement, including the Annexes. This Article 19.23 shall be subject to Article 5.2.

19.4. It is also recognised by the Parties that it may be appropriate to seek changes to the Agreement in the light of experience and development in the GSM Association and the establishment of IR between the Parties. Accordingly, the Parties shall enter into good faith discussions with a view to agreeing mutually acceptable modifications to the Agreement.

20. Miscellaneous

20.1. Successors and Assigns

The Agreement and the rights and obligations specified herein shall be binding upon the Parties hereto and their respective legal successors and neither Party shall sell, transfer or assign the Agreement or any part, interest, right or obligation hereunder, except that a Party shall have the right to transfer or assign the Agreement in whole (but not in part) to an Affiliated Company who is also a Member of the GSM Association or to an assignee of its license or right to operate a Public Mobile Network(s) provided that such assignee expressly assumes, by written instrument approved by the Parties, all of the obligations of such Party hereunder and thereby becomes a Party hereunder, it being understood that such assignment shall not release the assigning Party of its obligations under Article 12 of this Agreement. No person other than a Party to the Agreement shall acquire any rights hereunder as a third-party beneficiary or otherwise by virtue of the Agreement.

20.2. Headings

The headings of the Agreement are for the convenience of reference only and shall in no way limit or affect the meaning or interpretation of the provisions of the Agreement.

20.3. No waiver

Failure by any Party at any time or times to require performance of any provisions of the Agreement shall in no manner affect its rights to enforce the same, and the waiver by any Party of any breach of any provisions of the Agreement shall not be construed to be a waiver by such Party of any succeeding breach of such provision or waiver by such Party of any breach of any other provision hereof.

20.4. Provisions severable

If any part of the Agreement or any Annex hereto is held to be invalid or unenforceable, such determination shall not invalidate any other provision of
the Agreement or Annexes hereto; and the Parties shall attempt, through negotiations in good faith, to replace any part of the Agreement or Annexes hereto so held to be invalid or unenforceable. The failure of the Parties to agree on such replacement shall not affect the validity of the remaining parts of the Agreement.

20.5. Notices

All notices, information and communications required under the Agreement shall be given as described in Annex 1: Agreement Management Principles.

20.6. Compliance with Laws and Regulatory requirements

The commitment of the Parties hereto shall be subject to all applicable laws and/or regulatory requirements, present and future, of any governmental or regulatory authority having jurisdiction over the Parties hereto, as well as any valid order of a court of competent jurisdiction.

20.7. Anti-bribery compliance

The Parties hereby acknowledge the importance of combating and preventing bribery and to that end both Parties agree to comply fully with all applicable laws, regulations and sanctions relating to anti-bribery and anti-corruption.

21. Choice of Law

21.1. The Agreement and any matters relating hereto shall be governed by and construed in accordance with Swiss law.

22. Dispute Resolution & Arbitration

22.1. The Parties agree to seek to resolve any dispute arising out of the Agreement in accordance with the following escalation procedures before commencing the arbitration procedures described below.

The Contact Persons of both Parties shall work in good faith to try to resolve the dispute within thirty days from the date that a Party first gives notice that a dispute has occurred.

If the Contact Persons fail to reach an agreement on the dispute within thirty days, the dispute shall be referred to more senior persons within the respective companies who shall try to resolve the dispute within a further thirty-day period. If no resolution is found each Party is entitled to commence the arbitration proceedings described below.

Parties agree that all disputes in connection with the Agreement shall be settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce (ICC) by three (3) arbitrators appointed in accordance with the said Rules.

22.2. However disputes with respect to a change of TANGO’s Tariff shall be governed by the procedure set out below:

Where there is a challenge by Operator (the “Challenging Party”) to a scheduled or an unscheduled change of TANGO Tariff the following procedure shall apply;

The Challenging Party shall receive notice of a change of the Tariff in accordance with the procedure outlined in Annex 1. Within fourteen (14) days from the date of the notice given in accordance with the procedure in Annex 1 the Challenging
party shall notify the other party by email or fax and registered mail that it intends to lodge a challenge to the change of the tariff and shall provide a reason to justify the challenge.

the contact persons of both parties shall then have up until and including day thirty-five (35) to try and resolve the dispute. if after day thirty-five (35) no resolution is found the matter will be escalated to a more senior person in each organisation. such person will then have a further twenty-one (21) days to try and reach a settlement, that is up to and including day fifty-six (56).

if after the expiration of day fifty-six (56) the parties are still in dispute then the challenging party must decide if it wishes to launch arbitration proceedings. the challenging party must inform the other party in writing that it intends to initiate arbitration proceedings and must commence formal procedures with the international chamber of commerce in geneva before the expiration of day sixty (60).

thereafter the dispute in connection with the change of the tariff shall be finally settled under the rules of conciliation and arbitration of the international chamber of commerce (icc) by three (3) arbitrators appointed in accordance with the said rules.

both parties agree that the decision of the arbitrator shall not be treated as confidential by either party.

22.3. the place of arbitration shall be geneva, switzerland and the proceedings shall be conducted in the english language.

22.4. the award shall be final and binding and the parties hereby waive all means of recourse to the courts of any country except for the purpose of enforcement procedures.
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23. Signatures

Place ........................................ Place ........................................

Date .......................................... Date .......................................... 

................................................. .................................................

For TANGO For Operator
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24. Overview of the Annex Structure

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Annex 1 AGREEMENT MANAGEMENT PRINCIPLES

1. Notices

All notices, information and communications required under this Agreement shall be given in writing and be in the English language and shall be sent either by mail, or preferably secure email to the addresses indicated here:

TANGO

Postal & Delivery address:

TANGO SA/NV
c/o Belgacom Group
Belgacom Tower 18T
Attention Roaming Department
Bd du Roi Albert II, 27
B-1030 Brussels
BELGIUM

General Contact E Mail address:

(for AA. 14, IR.21 or General Communication exchanges)
roaming@tangoservices.lu

Contact person:

Mrs Emel Umit
Roaming Coordinator

Telephone: 00 32 2 202 54 68
Mobile: 00 32 475 391 228
E Mail address: roaming@tangoservices.lu

Operator

[ ]

2. Revision Procedure

The right to amend or vary the terms of any Annex or Addenda is set out in this Agreement.

Structure of Annexes and Addenda

The Annexes are of two types:

"Common" Annexes are common for both Parties.

"Individual" Annexes consist of two separate parts, one part for each Party. Each Party provides and maintains his own part. This gives the possibility to update e.g. a contact point list individually for each operator.

Each set of individual Annexes holds a revision sheet containing an index of all individual Annexes contained, with the recognition status and recognition level.
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“Addenda” are common for both Parties.

Revision Procedure

The right to amend or vary the terms of any Annex or Addenda is set out in this Agreement. For the updating of the Annexes the following procedure is recommended. All updates to the Annexes shall be exchanged by mail or courier.

(i) For individual Annexes, each Party updates separately: The updating Party shall forward at least one copy, either in an electronic format or else hard copy. In case a hard copy is used, then the copy should be signed on the updated pages. In both cases, (either in electronic format or hard copy) the individual Annexes should include an updated revision sheet to the contact point indicated in Annex I.1.1. The receiving Party acknowledges receipt of the updating by returning the revision sheet duly signed in case a hard copy is used.

(ii) For common Annexes the updating Party shall forward 2 signed copies of the updated pages to the contact point indicated in Annex I.1.1. The receiving Party approves the updating by returning one of the 2 copies, duly signed.

All updates to the Annexes shall be exchanged by mail or courier.

Effective Dates

Each revision shall be clearly identified by its Revision date as agreed between the Parties. For changes to the Individual Annexes which are to be acknowledged by the receiving Party, the Revision date shall be the date of issue. For changes to the Common Annexes the Revision date shall be the date when the Annex is approved by both Parties.
Annex 2 SERVICES

The implementation of Services shall be in accordance with the Technical Specifications with the exception of Public Mobile Network specific deviations and/or chosen options agreed by both Parties during the testing phase.

I.2.1 Services Supported

<table>
<thead>
<tr>
<th>FEATURE</th>
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<th>RAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Please indicate that the Service is supported and therefore available by marking the appropriate box with an ‘X’. Where ‘N/A’ is shown, this indicates ‘Not Applicable’ and therefore information is not required.</td>
<td>SIM</td>
<td>USIM</td>
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<tr>
<td>CIRCUIT SWITCHED Services</td>
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<tr>
<td>Telephony</td>
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<td>Emergency Calls</td>
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<td>Short Message Service MO/PP</td>
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<td>Voice Messaging</td>
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<td></td>
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<td>Alternate speech and facsimile gr. 3</td>
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<td></td>
</tr>
<tr>
<td>Automatic facsimile gr. 3</td>
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<td>Synchronous Data</td>
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<td></td>
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<tr>
<td>Note: This is the relevant bearer for CS Video Telephony</td>
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<td>PACKET SWITCHED Services</td>
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<td>Note: This Includes GPRS</td>
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<tr>
<td>CAMEL PHASE 1</td>
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<tr>
<td>CAMEL PHASE 2</td>
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Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

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<td>Calling line identification restriction (CLIR)</td>
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<td>Call forwarding on no reply (CFNRy)</td>
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Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

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**NETWORK FEATURES**

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**ADDITIONAL NETWORK FEATURES**

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**AVAILABLE TECHNOLOGIES**

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</table>
Annex 3 BILLING AND ACCOUNTING

Annex 3.1 INFORMATION ON BILLING DATA

3.1.1 INFORMATION ON TAP

The implementation of the TAP necessary to provide Services shall be in accordance with the GSM Association Permanent Reference Documents.

Data Exchange Procedure

Interchange of TAP records shall be performed by Electronic Data Interchange (EDI).

Transfer shall be within the standard timescale and the standard frequency as defined in the GSM Association Permanent Reference Documents.

For the time being the transfer schedules for TANGO shall be as follows:

When TANGO is the sending TANGO: Daily

Any changes in the exchange frequencies shall be agreed before implementation.

When no charging data are available Notification files will be exchanged.

If the TANGO is unable to support EDI but the Operator does support EDI and call records are not made available to the Operator within the standard timescale, and it subsequently proves impossible after the use of all reasonable efforts for the Operator to recover the call charges from its subscribers, then the charges shall remain at the expense of the TANGO provided the non-recovery can be specifically related to the delay in transfer.

If the Operator is unable to support EDI but the TANGO does support EDI then the liability associated with the requirement to transfer data within the standard timescale referred to in the preceding paragraph shall not apply to the TANGO.

EDI Address as well as Contact Points for enquiries and complaints are defined in Annex I.

Fallback Procedure:

In case of EDI failures or delays in EDI transfer the fallback procedure shall come into effect as specified by TADIG in GSM Association Permanent Reference Documents.

The fallback procedure as specified by TADIG will only be used in exceptional circumstances and the method of transfer shall be as follows:

Where there is a delay in the exchange of the billing files, according to the bilaterally agreed fallback procedure then the other Party shall be immediately advised.

Addresses for sending the billing files according to the fallback procedure as well as Delivery Notes and Contact Points for enquiries and complaints are defined in Annex I.3.2.

When using a physical medium, e.g. tape, CD-ROM, or diskette, according to the fallback procedure, both Parties agree not to return such physical medium.

The use of the fallback procedure does not change the liability as defined under Data Exchange Procedure above.

CD-ROMS shall be exchanged once a week. CD-ROMS shall be sent by express mail or courier not later than 10 days after the cut-off.
Changes in the time schedules: Any changes in the time schedules concerning the exchange of billing files shall be agreed before implementation.

Data Clearing House: In case of using Data Clearing House for data interchange, the responsibilities of a Party remain as they are defined by the GSM Association and in Permanent Reference Documents.

3.1.2 INFORMATION ON BULK

The implementation of the Bulk Data transfer and information exchanged as Bulk data

The implementation of the Bulk Data transfer for SMS Interworking shall be in accordance with the GSM Association Permanent Reference Documents with the exception of Public Mobile Network specific deviations and/or chosen options agreed by both parties during the testing phase. The information exchanged as Bulk data is to be agreed on by the parties at the time of signature of the relevant Addendum for SMS Interworking.

ANNEX 3.2 SETTLEMENT PROCEDURE

TANGO will prepare a monthly invoice for calls registered during the invoice period made by the visiting subscribers in the visited PMN Operator.

The settlement procedure for SMS Interworking comes into force from the starting commercial date of the SMS Interworking Addendum signed and exchanged between the Parties.

The invoice period shall in general be a calendar month. However, a single transfer covering a month end shall not be divided between two invoices. The invoice has to be sent by the 15th of the following month at latest. A fax can serve as the first information.

The invoice should adequately enable the Operator to identify the TAP records.

Each invoice amount will be expressed both in SDR as well as in Euros

Each Party will issue as appropriate credit notes and correction invoices to compensate for agreed changes to or agreed errors in the basic inter PMN Operator invoices. The threshold amount for issuing the Credit Note is 50 SDR. In any case, a Credit Note shall be issued at least once a year before the year-end.

The invoice amounts (and credit note amounts if appropriate) for the two directions shall be offset against each other and the net SDR balance shall be paid by the debtor.

Payment shall be made in the creditors national currency calculated from the net SDR balance obtained by the netting process. Conversion from SDR into the currency of payment shall be made at the pegged rate quoted by the IMF on the 23rd of the month preceding the invoice period. If this is a public holiday and the exchange rate is not quoted the currency is pegged using the previous day. In the event that no exchange rate is quoted for the previous day as well, the first available quoted rate should be taken, but not exceeding 5 calendar days prior to the 23rd of the month as defined in Permanent Reference Document BA.11.

Payment by the debtor shall be made within 30 days from the date of the invoice with the later date.
Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

If the debtor does not pay the net balance by the due date for payment then the creditor shall have the right to charge its normal interest rate on the overdue amount from the due date for payment until payment is made.

The normal interest rate for the Party concerned is:

8% above Euribor three-monthly rate base lending rate (from time to time in force) in the case where TANGO is the creditor;

Changes in time schedules concerning the exchange of invoices and settlement periods shall be fixed three months before implementation at the latest.

All enquiries and complaints concerning international invoicing shall be done through points of contact as defined in Annex I.

The Operator shall pay any Value Added Tax (VAT) or other similar tax in accordance with the laws of the TANGO's country.

The invoice amount has to include and specify all taxes and duties levied in the country of the TANGO.

In case the VAT recovery is possible in the country of the TANGO, the VAT registration number has to be shown on the invoice and the address of the VAT office which deals with enquiries and claims referring to VAT refunding has to be exchanged bilaterally.

Where bank fees occur, any such expenses imposed in the debtor country shall be borne by the debtor and expenses imposed in the creditor country, including payment expenses imposed by intermediate banks in third countries, shall be borne by the creditor.
ANNEX 4  CUSTOMER CARE PRINCIPLES

General
A Roaming Customer should contact the Customer Care Services of his home contract partner (Customer Care Services of Operator) while roaming in the Public Mobile Network of TANGO. This home Customer Care Services will provide the first point of contact but may refer the Roaming Customer to TANGO’s Customer Care Services if appropriate.

The Roaming Customer is free to contact TANGO’s Customer Care Services directly. However, the primary responsibility for customer care remains with Operator.

Each Party will ensure that there is, at least during office hours, an English speaking operator on duty, to whom a Roaming Customer can be referred.

Customer care contact numbers are defined in the standard AA14 documents.

Customer care information for SMS Interworking is contained in the relevant Addendum signed between the Parties.

Roaming Information
Roaming information (including changes of such information), like coverage maps, service levels and Services (including their date of implementation and tariffs), shall be sent to the contact point defined in Annex 1.

Changes in Emergency Service, Customer Service, Directory Enquiry numbers, and Tariffs shall be exchanged in accordance with the provisions of the Agreement.

Operator shall inform its own Roaming Customers about roaming in TANGO’s Public Mobile Network.

Public Mobile Network Faults
In the event of a perceived Public Mobile Network fault a Roaming Customer should contact the home Customer Care Services while roaming in the Public Mobile Network of TANGO. The home Customer Care Services will provide the first point of contact but may refer the Roaming Customer to TANGO’s Customer Care Services if appropriate.

In the event that the Customer Care Services of one Party has a query concerning potential faults of the other Party’s Public Mobile Network, then the Customer Care Services shall contact the contact point defined in Annex 1.

In addition, it may be necessary that technical experts of one Party get into direct contact with the other Party’s technical experts (e.g. to establish trouble shooting). In such cases additional contact points shall be provided. These contact points are defined below.

Frequently arising faults in the Public Mobile Network or Services of TANGO experienced by Roaming Customers and indicated to Operator shall be reported to the other Party’s contact point defined in Annex 1.

Lost/Stolen SIM and/or USIM-Cards
In the event that a SIM and/or USIM-card is lost or stolen, the Roaming Customer shall be asked to contact his home Customer Care Services. If the Roaming Customer contacts TANGO’s Customer Care Services, TANGO’s Customer Care Services will provide the Roaming Customer with the contact number of his home Customer Care Services.

Lost/stolen or Faulty Mobile Equipment
In the event that mobile equipment is lost, stolen, or faulty, the Roaming Customer shall be asked to contact his home Customer Care Services. If the Roaming Customer contacts TANGO’s Customer Care Services he will be referred to his home Customer Care Services.
Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

Billing Enquiries
In the event that a Roaming Customer has an enquiry relating to the amount billed during roaming, the Roaming Customer shall resolve this query with his home Customer Care Services. Any contact with TANGO will be achieved through his home Customer Care Services.

Customer Service Numbers
Reference is made to standard AA14 documents.

Customer Service Numbers
(Public Domain)
Reference is made to standard AA14 documents.
ANNEX 5 TECHNICAL ASPECTS

Technical aspects concerning both the pre-commercial and commercial phases of International Roaming and SMS Interworking are dealt with in the Annexes to follow.

ANNEX 5.1 TESTING

Certification of testing
The Operator shall send Completion Certificates confirming the successful execution of IREG tests which includes testing of the TAP procedures according to the Test Specifications of GSM Association Permanent Reference Documents.

Testing of Service availability
TANGO agrees to perform relevant tests of service availability, according to the IREG and TADIG Test Specifications, every time a major change which has an impact on International Roaming and SMS Interworking.

Testing SIM and/or USIM-Cards

General
Operator will make the bilaterally agreed number of test SIM and/or USIM-cards available to TANGO under the following conditions:

- Send test SIM and/or USIM-card(s) as agreed bilaterally in a written notice without any activation fee or any subscription fee. TANGO will be treated as a Roaming Customer of the Wholesale Roaming Access Provider.
- All necessary information concerning the SIM and/or USIM-card(s), i.e. IMSI, MSISDN, PIN, PUK, shall be forwarded to TANGO as well.
- The SIM and/or USIM-card(s) remain in the property of the Wholesale Roaming Access Provider.
- The test SIM and/or USIM-card(s) shall only be used in TANGO’s Public Mobile Network for the purpose of testing of International Roaming functions.
- TAP-data for traffic generated by these test SIM and/or USIM-card(s) shall be included in the normal billing and accounting procedures and thereby also invoiced by TANGO.
- None of the above shall be construed to allow reselling the SIM and/or USIM-card(s) or in any other way forward the SIM and/or USIM-card on conditions that could be negative for the Wholesale Roaming Access Provider.

Tests before the commercial start of roaming services (pre-commercial roaming phase)
As a general principle, it is agreed that TANGO using test-SIM and/or USIM-card(s) will not receive a payable bill from the issuing Operator for the test calls made in the Public Mobile Network under test. TAP-data and bills will only be sent for test purposes.

Unless otherwise agreed, it is the sole responsibility of TANGO to block Roaming Customers of Operator during the pre-commercial phase and in no case the Operator has to bear the costs incurred by its customers roaming in TANGO’s Public Mobile Network.
Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

Tests during the commercial roaming phase

As a general principle it is agreed that during the commercial roaming phase the usage of these SIM and/or USIM-card(s) is fully chargeable for traffic charges. The Operator shall therefore have the right to send a (single) bill to TANGO for the traffic generated by the exchanged SIM and/or USIM-card(s), however, only if the amount exceeds the bilaterally agreed non chargeable value. The amount charged is only the amount exceeding the non chargeable value calculated on a monthly basis.

The non chargeable monthly value per test SIM/for the total of test SIMs is 50 Euro.

The tariff used will be either the Tariff of TANGO or the Wholesale Roaming Access Requester retail tariff. In case the retail tariff is used, the Operator will attach an itemised bill to the invoice for control purposes. The payment shall be done according to the provisions set out in Annex 3.2. The invoice regarding test SIM and/or USIM-card(s) shall be sent to the address indicated for that purpose in Annex 1.

In the event that TANGO has a query concerning the Operator test SIM and/or USIM-card(s), then TANGO shall contact:

CONTACT NAME & DETAILS:

Calls made outside TANGO during pre-commercial or commercial roaming phase

All costs occurring for calls made with test SIM and/or USIM cards issued to TANGO outside TANGO’s network will be charged by the Operator. The Operator has the right to decide how to charge this usage of test SIM and/or USIM cards.

The tariff used will be the Operator retail tariff. The Operator will attach an itemised bill to the invoice for control purposes. The payment shall be done according to the provisions set out in Annex 3.2. The invoice regarding test SIM and/or USIM-card(s) shall be sent to the address indicated for that purpose in Annex 1. Using best endeavours, the Operator will inform TANGO and bar the test SIM and/or USIM card(s) being used outside TANGO’s Network.

TANGO is fully liable for all call costs as detailed above, damages and costs (as limited by this agreement) incurred by misuse of test SIM and/or USIM cards outside TANGO for the first 180 calendar days or until it is informed by the Operator, whichever is the smaller:

Lost or stolen test SIM and/or USIM cards

In the event that TANGO determines it is no longer in possession of the Operator Test SIM and/or USIM cards, TANGO must immediately notify the Operator in written form and request that the missing card(s) be deactivated. Once sufficient notification has been delivered to the Operator, the liability of TANGO ceases for all further usage on the missing cards(s) which occurs beyond the date of notification. However, the burden is on TANGO to provide sufficient proof that adequate notification was given to the Operator.
ANNEX 5.2 SECURITY

Security functions of the individual Parties are specified in here and any other PRD documents.

Authentication

The Parties agree to implement Customer Identity Authentication for Roamers on their network. The purpose and mechanism for authentication are described in GSM 02.09 and in GSMA PRD SG.15.

The Parties agree that authentication shall be performed as specified below:

For roamed customers (at the commencement of GSM service or 3G service) authentication is to be performed at every occasion of:

- Network access using IMSI
- Location updating involving VLR change
- Network access for at least 1 in 9 mobile originated and terminated call set-ups
- Supplementary service operation outside call
- Cipher key sequence number mismatch

If GPRS is supported, authentication is also to be performed at every occasion of:

- GPRS attach
- routing area updating involving SGSN change
- PDP context activation
- P-TIMSI (P-Temporary IMSI) signature mismatch, if P-TMSI signature is used
- P-TMSI signature not inserted in a Attach Request or Routing Area Update Request

Authentication during a malfunction of the network

The Parties agree that if an MS is registered and has been successfully authenticated, whether active or not active on a call, calls are permitted (including continuation and handover). Operator will receive the charge.

If an MS attempts to register or re-register and cannot be successfully authenticated due to the network malfunction, calls are not permitted.

If an MS has already been registered on the network, and has already been authenticated, and cannot be successfully re-authenticated due to network malfunction (e.g. the Operator was not able to provide authentication pairs RAND, SRES), the Parties agree that calls are not permitted and that the Operator will not receive any charges.
Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

ANNEX 5.3 INFORMATION ON SIGNALLING INTERCONNECTION AND/OR IP CONNECTIVITY

The implementation of the Signalling Protocols and/or Inter-PLMN backbone (as defined in IREG PRDs) shall be in accordance with the Technical Specifications and relevant GSM Association Permanent Reference Documents with the exception of Public Mobile Network specific deviations and/or chosen options agreed by both Parties during the testing phase.

The technical information relevant for International Roaming or SMS Interworking shall be exchanged between the Parties as part of IREG testing procedures and IREG PRDs.

Each Party agrees to adhere to the processes set out in PRD IR.21, Article 4: Procedures for Updating the Database, when making changes in the numbering and addressing information with an impact on International Roaming or SMS Interworking.
Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

ANNEX 6 DATA PRIVACY. GENERAL PRINCIPLES

In addition to Article 12 of the Agreement, Parties may agree on further Data Privacy requirements.
Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

ANNEX 7 FRAUD PREVENTION PROCEDURES

The Parties shall implement fraud prevention procedures as specified by the GSM Association within BARG Binding PRD BA.20.
ANNEX 8 NETWORK EXTENSIONS

Scope
This Annex is an addendum to the existing Wholesale Roaming Access Agreement between <Roaming Hubbing Provider><TADIG Code/s> and <Operator><TADIG code/s> (hereinafter referred to as the “Agreement”) when a National and/or International Network Extension is implemented by <Roaming Provider name> for the provision of Services to Roaming Customers of <Operator> through the Client Operator(s) (listed in Attachment A) operating a Public Mobile Network.

The Parties hereby agree the following:

• The <Roaming Provider> in all circumstances is responsible to <Operator> for the adherence by the <Client Operator> to the provisions of the Agreement.
• The <Roaming Provider> is the single point of contact for the <Operator>.
• The <Roaming Provider> shall provide the information required by the <Operator> for implementation of the National and/or International Network Extension.

Parties shall agree in writing, prior to implementing any additional National and/or International Network Extensions.

The Parties shall have the right to suspend and/or terminate an individual National and/or International Network Extension in accordance with Articles 15 and 18 of this Agreement. This suspension and/or termination shall not affect the existing Agreement.

This Annex supersedes any written or verbal agreement between the Parties with respect to this subject matter.

The services provided to the Operator through the use of a National and/or International Network Extensions shall be set out in the launch letter. Additional launch letters shall be used for the provision of additional services in accordance with this Annex.

ATTACHMENT “A”
CLIENT OPERATOR’S SPECIFICATIONS

[Please complete the table below]

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<thead>
<tr>
<th>Client Operator</th>
<th>Client Operator TADIG code/s</th>
<th>Country of Operation</th>
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</table>

Hereinafter referred to as the “Client Operator”.

When roaming through Client Operator, the following deviations and/or amendments to the AA.13 Common Annexes of the Agreement apply:
ANNEX 9  Roaming Service Level Agreement

General

The Parties agree to implement the principles of the Service Level Agreement for roaming as specified in relevant GSMA PRDs.

The Service Level Agreement has a sub-paragraph, referring to Annex 1 in BA.51, which forms an integral part of this Annex 12.

Both Parties also agree to abide by PRD IR.78.

Both Parties confirm their IR.21 documents are up-to-date, i.e. all technical and routing information and contact details for trouble shooting and escalation are correctly presented.

Both Parties agree that some of the test SIM cards can be used for active QoS monitoring purposes and the below [delete the option below not used] will apply for this purpose.

Option A :

The threshold for test usage (see annex 5.1) will remain in place. The SIM cards used for QoS purposes will be communicated in writing in a separate document signed by both Parties.

Option B :

TANGO will not charge the Operator for the usage of the test SIM cards specifically exchanged for QoS purposes. These SIM cards will be communicated in writing in a separate document signed by both Parties.

Where Option B applies, both Parties agree that TANGO, in case the usage is charged for, will issue a (yearly) credit note for the usage of the notified test SIM cards used for QoS monitoring.

Neither Party shall be liable to the other Party for failure to meet the Service Level Agreement as set out herein.
Standard direct wholesale roaming access agreement

TANGO reference offer of 01/01/2013, pursuant to article 3(5) of Regulation EU/531/2012

Annex 10 Roaming Provider Services, Tariffs and other Information

<table>
<thead>
<tr>
<th>Tariffs&lt;sup&gt;1&lt;/sup&gt;</th>
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<tr>
<td>LOCATIONS</td>
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<tr>
<td>EU/EEA</td>
<td>Cfr. max caps in Article 7&lt;sup&gt;2&lt;/sup&gt;, Article 9 and Article 12 of the Roaming Regulation</td>
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<tr>
<td>Other locations non EU/EEA</td>
<td>On request</td>
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</tbody>
</table>

It is expected TANGO will send to the Operator a PDF version of their RAEX AA.14 as agreed between the parties.

<sup>1</sup> In EURO and excl. VAT.

<sup>2</sup> Billing step voice = 30 sec + 1 sec