

bbl company

gasunie
transport services

Integration of the BBL pipeline into the TTF market area

Operational aspects

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Introduction

Introduction

BBL and GTS intend to integrate the BBL interconnector into the TTF market area as of 1 January 2018. BBL and GTS have adjusted their IT-systems to enable a joint entry/exit system in which they will continue to operate as independent TSOs. The enlarged TTF market area encompasses a virtual trading zone, operated by a Trading Zone Manager (in effect, GTS) and two sets of balancing rules (GTS and BBL), each operated by either GTS or BBL and within its own regulatory framework. The integration is in line with ACER's European Gas Target Model, a framework that aims for a better functioning of wholesale markets and a better connection of gas market areas to facilitate hub-to-hub trading.

The key points for the integration of the BBL pipeline into the TTF market area, such as the detailed operational processes and the go-live, are addressed via this operational communication document.

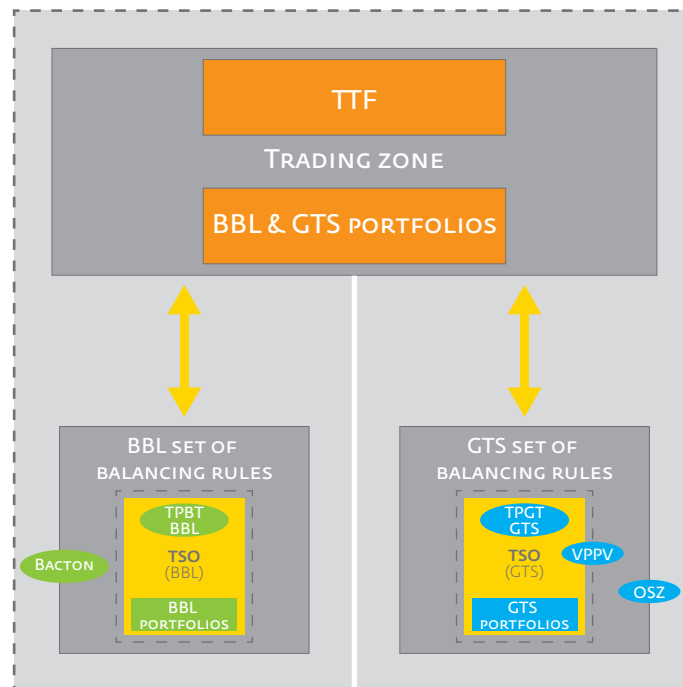
To accomplish a smooth introduction per 1 January 2018, it is important that shippers will have their IT-systems prepared, whereas it is strongly recommended to test the interface of all systems. It is expected that ACM will make its tariff decision in November, yet we advise all parties not to wait for this decision, but to already start implementing the IT-changes and test them.

Operational processes

Overview of relevant networkpoints and relating codes

In the figure below an extended model of the enlarged TTF market area is included.

Figure 1. Extended model of the enlarged TTF market area



The extended model consists of the following elements:

- ▶ The BBL set of balancing rules, which applies to IP Bacton and the Transfer Point BBL – Trading Zone (TPBT) that administers the transfer from the Trading Zone to the BBL set of balancing rules (or vice versa).
- ▶ The GTS set of balancing rules applies to the GTS transmission system and the entry and exit points of the GTS transmission system. Within the GTS set of balancing rules a number of changes will occur: i) IP Julianadorp will cease to exist ii) TTF will be moved to the Trading Zone and iii) Transfer Point GTS – Trading Zone (TPGT) will be introduced. The TPGT will administer the transfer of gas from the GTS set of balancing rules to the Trading Zone (or vice versa).
- ▶ The virtual point for the transfer of programme responsibility (VPPV) remains within the GTS set of balancing rules.

In the table below an overview of all relevant networkpoints and codes is presented.

Figure 2. Overview relevant networkpoints and codes

Networkpoint	TSO	Edigas-code	EIC-code	Booking required	Nomination required	Nom. leadtime
Bacton	BBL	BBBACTNORM	21Z000000000088F	Yes	Yes	2 hours
Transfer Point BBL Trading Zone (TPBT)	BBL	BBLTRZ	52Z0000000001186	No	No	N.a.
TTF*		TTF	21YNL----TTF---1	No	Possibly	0,5 hours
Transfer Point GTS Trading Zone (TPGT)	GTS	GTSTRZ	52Z0000000001194	No	No	N.a.

* GTS will act as Trading Zone Manager

The EIC-code and the Edigas-code of TTF will remain unchanged.

With the introduction of the Trading Zone, both BBL shippers and GTS shippers can still use their current portfolio. For TTF this means that the TZM will accept nominations both from portfolio's with prefix "BL" and prefix "GS".

For nominations and programmes all current checks and controls will remain fully applicable.

Determination of confirmed quantity on Transfer Point BBL Trading Zone

Within the BBL set of balancing rules, on the TPBT, BBL shippers do not need to book capacity. Neither do BBL shippers have to nominate on this networkpoint. It is an automated point where BBL will confirm to its shippers the aggregation of the mirrored quantity as was confirmed to them on Bacton. Hereunder an example is enclosed from a BBL shipper perspective:

Figure 3. Example automated confirmation TPBT networkpoint at BBL

NWP	Countershipper	Confirmed Quantity	NWP	Countershipper	Confirmed Quantity
Bacton	NGGSHIPPER X	40	TPBT	N.a.	-100
Bacton	NGGSHIPPER Y	70€			
Bacton	NGGSHIPPER Z	-10			
Bacton	Total	100	TPBT	Total	-100

A TTF nomination (and confirmation) by a BBL shipper is irrelevant for the determination of the confirmed quantity on TPBT. Since BBL will ensure the balance position of BBL shippers, only the Bacton confirmation is needed for determining the TPBT confirmation.

Determination of confirmed quantity on Transfer Point GTS Trading Zone

Within the GTS set of balancing rules, on the TPGT, GTS shippers do not need to book capacity. Neither do GTS shippers have to nominate here. It is an automated point where GTS will confirm to shippers the aggregation of all TTF trades including the (generated) trades with BBL shippers. Hereunder an example is enclosed from a GTS shipper perspective:

Figure 4. Example automated confirmation TPGT networkpoint at GTS

NWP	Countershipper	Confirmed Quantity	NWP	Countershipper	Confirmed Quantity
TTF	GTSSHIPPER 1	30	TPGT	N.a.	145
TTF	GTSSHIPPER 2	60			
TTF	GTSSHIPPER 3	-10			
TTF	GTSSHIPPER 4	80			
TTF	GTSSHIPPER 5	-40			
TTF	BBLSHIPPER 6	-25			
TTF	BBLSHIPPER 7	50			
TTF	Total	145	TPGT	Total	145

GTS balancing portfolio for each BBL portfolio

The 'in equals out' principle for BBL shippers will be maintained. BBL Company and the Trading Zone Manager (TSM) will ensure the balance position for all BBL shippers on an hourly basis. For each BBL portfolio the Bacton confirmed quantity is leading, whereas all TTF deals for this BBL portfolio will also be taken into account. Each BBL portfolio therefore needs to be linked to a portfolio of a GTS shipper. This GTS portfolio will become the balancing portfolio for the linked BBL portfolio, where, upon closure of the TTF trading window (for each Hour H at H-30 minutes), any remaining imbalance in the BBL portfolio will be automatically transferred to the GTS portfolio.

It is the responsibility of both current and new BBL shippers to submit to BBL the GTS shipper portfolio that is linked to its BBL portfolio. BBL Company will provide all BBL shippers with a form on which the GTS balancing portfolio for each BBL portfolio must be registered. On this form the signatures of both the BBL shipper and the GTS shipper are required. BBL will maintain a register of all BBL portfolio/GTS portfolio relations.

- For current BBL shippers, please ensure that you have submitted this information to BBL Company ultimately on 11 December 2017.
- For new BBL shippers, please ensure that you have submitted this information to BBL Company ultimately 1 week (seven calendar days) before the start of the contract.

In the situation that a BBL shipper has not provided BBL Company with its GTS balancing portfolio, all nominations at Bacton will not be accepted.

Transfer of gas from Trading Zone to BBL or vice versa

For BBL shippers, the nomination process will be simplified. BBL shippers will only have to submit a nomination at IP Bacton. The nomination leadtime for IP Bacton will remain 120 minutes. A description of the operational process of a forward flow nomination is given below. For reverse flow, the directions are vice versa.

After a BBL shipper has submitted a nomination at IP Bacton, he has two options: if the BBL shipper has traded on TTF and created a balance position related to the confirmed quantity at IP Bacton, the TSM will not create a balancing nomination. If the BBL shipper has not yet traded on TTF (and has therefore not yet created a balance position related to the confirmed quantity at IP Bacton), two TTF trades will automatically be created as follows by the TSM:

- One entry nomination on behalf of the BBL shipper with the linked GTS balancing shipper-portfolio (most of the time the same shipper);
- One exit nomination on behalf of the GTS shipper, which is the linked balancing shipper for the BBL shipper, with the BBL shipper as a countershipper.¹ In case there already is a nomination available for this GTS shipper (for other TTF trades), the TTF-trade between the BBL portfolio and this GTS portfolio will be added to the existing nomination.

Upon closure of the TTF trading window (for each Hour H at H-30 minutes), this nomination will be confirmed to both the BBL shipper and the GTS shipper. In appendix 4, examples will be given in which the mechanism is further explained.

Programmes for GTS shippers

The virtual point for transfer of programme² responsibility (VPPV) remains within the GTS set of balancing rules. GTS shippers continue to have programme responsibility and therefore need to send a programme. The transfer of gas from a GTS shipper to a BBL shipper will take place on TTF in the Trading Zone. This affects the content of programmes to be sent.

Main changes

- Since IP Julianadorp ceases to exist, this networkpoint should no longer be included in programmes.
- All trades on TTF must be included using the reserved shippercode GSTPTRADE. So, in the programmes the specific countershippers for all TTF trades should no longer be mentioned, all TTF trades should be enclosed using GSTPTRADE as countershipper for the aggregated traded volume. This also applies for all TTF trades closed on an exchange.

Entry programme

In an entry programme, the GTS shipper specifies the total volume of physical entry into the GTS gas transmission network for the specific portfolio for each hour. Furthermore, the shipper specifies the aggregated volume of gas for each hour, no longer specifying the counterparty for the trades on TTF. Instead, the aggregation of all trades on TTF must be included using reserved GTS shippercode GSTPTRADE.

Exit programme

In an exit programme, the GTS shipper specifies the total volume of physical exit for the specific portfolio for each hour. Furthermore, the shipper specifies the aggregated volume of gas for each hour, no longer specifying the counterparty for the trades on TTF. Instead, the aggregation of all trades on TTF must be included using reserved GTS shippercode GSTPTRADE.

GTS shippers can still add their trade transactions to the entry and exit programmes: there is no need for them to supply separate programmes. When a shipper applies damping, it is advisable to add the aggregated trade transactions to the entry programme.

Trade programme

GTS shippers with a licence C (i.e., parties solely trading on TTF) must submit a programme to GTS. In this trade programme (per portfolio for each hour) the transfer from the GTS set of

¹ Or vice versa in the case of reverse flow.

² A programme specifies the hourly predictions of the gas flows for each portfolio for the following gas day.

balancing to the Trading Zone (or vice versa) is represented. Contrary to the current trading programmes, these parties should no longer specify each counterparty for the trades on TTF, but only specify the aggregated volume of gas traded. Instead, the aggregation of all trades on TTF must be included using reserved GTS shippercode GSTPTRADE.

In appendix 1 "used countershippers in programmes" an overview all counterparty codes to be used in programmes is enclosed.

Programmes for BBL shippers

Programme responsibility only applies to GTS shippers. BBL shippers do not need to send a programme, since BBL shippers are not part of the GTS set of balancing rules.

Nomination, matching and allocation for BBL shippers

The BBL interconnector continues to operate on the 'in equals out' principle. This principle ensures that confirmed BBL exit flows are equal to the confirmed BBL entry flows or vice versa. When transporting gas through the BBL, shippers need to nominate their flows on both sides of the BBL IP Bacton, being the National Grid (NGG) side and the BBL side of IP Bacton.

In the matching procedures applied at IP Bacton between BBL and NGG, the 'BBL prevail' rule is applied. This BBL prevail rule is applicable at IP Bacton and ensures that the nominations on the BBL side of IP Bacton prevail over the nominations entered at the National Grid side of IP Bacton.

BBL will ensure that the BBL shipper will be in balance within the BBL set of balancing rules, by mirroring the confirmation of the BBL shipper at IP Bacton to the newly created virtual transfer point, which will be confirmed to the BBL shipper.

Both at IP Bacton and the newly created virtual transfer point of BBL the confirmed quantities are deemed to be the allocated quantities.

Single-sided nominations

For firm capacity products, the two TSOs connected at IP Bacton, BBL and NGG, will continue to facilitate a single-sided nomination procedure. This means that a shipper with bundled firm capacity at Bacton IP has the option to submit one single-sided nomination. For the avoidance of doubt, nominations on both sides of Bacton IP (at NGG and at BBL) will remain possible.

Nomination, matching and allocation for GTS Shippers

The nomination, matching and allocation processes within the GTS set of balancing rules will not change.

Constraints

Since IP Julianadorp will cease to exist, GTS will no longer be able to order a constraint at IP Julianadorp. Therefore, BBL and GTS agreed on the procedure mentioned hereunder.

In the event that BBL or GTS incur physical issues resulting in a restriction in the gas flow from GTS to BBL or from BBL to NGG, whereby the nominated quantities cannot be met, the party having the physical issues will place a REMIT message. In addition, this party may order a constraint, resulting in lower confirmed quantities. Such a constraint will be ordered at IP Bacton by BBL, either on behalf of GTS (if GTS is the party having the physical issues), or on its own behalf (if BBL is experiencing the physical issues). By ordering a constraint at IP Bacton, it is ensured that the Trading Zone will also use the lower confirmed quantities.

Way forward

Testing

The integration of the BBL pipeline into the TTF market area might for some parties result in IT-changes. IT-changes are to be expected in the programme-process (only relevant for GTS shippers) and the nomination-process. BBL and GTS have an IT-system available for testing-purposes. All parties can send there testing requests to this emailaddress: nominationsupport@gastransport.nl.

Go live aspects

As from 01-01-2018 06:00 LET the integration of the BBL pipeline into the TTF market area will become effective. Consequently, all processes affected by this change will have a switch at this date and time. To achieve a smooth transition, BBL and GTS have extensively tested their new IT-functionality.

To ensure that the implementation will be executed without any disturbances, BBL and GTS have prepared a go-live plan. In this go-live plan all relevant timing aspects to market parties are mentioned hereunder.

- ▶ All programmes (only for GTS shippers) concerning gasdays from 1 January 2018 and onwards, can be sent to GTS as from 16 December 2017.
- ▶ For current BBL shippers, please ensure that you have informed BBL Company what portfolio of a GTS shipper will be the balancing portfolio for your BBL portfolio. Please send this information to BBL Company ultimately on 11 December 2017. For new BBL shippers, please ensure that you have submitted this information to BBL Company ultimately 1 week (seven calendar days) before the start of the contract.
- ▶ Where possible, please send your nomination(s) concerning gasday 1 January 2018 ultimately on Thursday 28 December 2017.
- ▶ Although BBL and GTS have tested new functionality extensively, all market parties are kindly requested to monitor all programme-confirmations and regular confirmations. In case of any abnormalities, please contact BBL Company dispatching or GTS dispatching.
- ▶ In case of any disturbances during the go-live BBL and GTS can be contacted:

Dispatching GTS & BBL

T: (+31) 50 521 1510

F: (+31) 50 521 1575

E: ccpcontractdispatching@gastransport.nl

Questions and communication

BBL Company and GTS will keep you updated on the implementation process. For all questions regarding operational aspects and go-live you can contact:

For GTS: info@gastransport.nl

GTS Customerdesk at +31 50 521 3333

For BBL Company: sales@bblcompany.com

BBL Frontoffice at +31 50 521 2150

Appendices



Appendix 1: Used countershippers in programmes

Used countershippers in programmes

The following names have special purposes in the entry, trade and exit programmes:

Entry programme

PRODOC (entry nomination):

GSTPENTRY - Defines the physical entry

You must include GSTPENTRY in the PRODOC for your entry programme.

PROCON (entry confirmation):

GSTPVPPVEX - Defines the virtual exit

GSTPD - Defines the Delta

You must not include these codes in the PRODOC for your entry programme.

The PRODOC for your entry programme **must** contain at least one other PV Code (your own code or GSTPTRADE), even if the flow is zero for each hour, otherwise the programme can never be balanced. Use your own code in case you have also physical exit (in that case you also have an exit program) and use code GSTPTRADE for the sum of all your trades.

Exit programme

PRODOC (exit nomination):

GSTPPU - Defines the physical exit for private consumption (kleinverbruik)

GSTPOTHER - Defines the physical exit for other purposes

GSTPPUB - Defines the physical exit for private consumption for balancing trade relation (kleinverbruik)

GSTPOTHERB - Defines the physical exit for other purposes for balancing trade relation

You must include at least one of the codes above in the PRODOC for your exit programme

The PRODOC for your exit programme must contain at least one other PV Code (your own code or GSTPTRADE), even if the flow is zero for each hour, otherwise the programme can never be balanced.

Use your own code in case you have also physical entry (in that case you also have an entry program) and use code GSTPTRADE for the sum of all your trades.

Be aware that you can include your trades (GSTPTRADE) only in one program. In case you have both physical exit and entry, adding GSTPTRADE to your entry programme is preferred.

PROCON (exit confirmation):

GSTPVPPVEN - Defines the virtual entry

GSTPD - Defines the Delta

GSTPEXIT - Defines the total physical exit

You must **not** include any of these codes in the PRODOC for your exit programme.

Trade programme

PROCON (trade confirmation):

GSTPVPPVEN - Defines the virtual entry

GSTPVPPVEX - Defines the virtual exit

GSTPD - Defines the Delta

You must **not** include any of these codes in the PRODOC for your trade programme. All your trades (including those with market operators must be summarized to the counter GSTPTRADE).

Appendix 2: Information streams in the Trading Zone model

Information stream model

With the introduction of the Trading Zone, new interfaces for information exchange between the two sets of balancing rules and the Trading Zone have been created. Information on the entry and exit of gas at IP Bacton will be exchanged between the BBL set of balancing rules and the Trading Zone. Information on the position of the GTS shipper in the Trading Zone will be exchanged between the GTS set of balancing rules and the Trading Zone. An overview of the model is given in *Figure 1. Extended model of the enlarged TTF market area*.

Changes in the information streams

The introduction of a Trading Zone and the shift of the virtual trading point (TTF) from the GTS set of balancing rules to the Trading Zone has consequences for the information streams between both BBL and their shippers and GTS and their shippers.

To accommodate the recording of the information streams, additional transfer points will be created in the two sets of balancing rules. In *Figure 1. Extended model of the enlarged TTF market area*, these points are called “Transfer Point BBL – Trading Zone” (TPBT) and “Transfer Point GTS – Trading Zone” (TPGT). In the confirmations and allocations, the transfer points will be used to identify the information.

In the following sections, the changes will be described for, respectively, the BBL shipper and the GTS shipper.

BBL-related information streams

There are no changes with respect to the current technical situation. Confirmations will be received via the regular EDIGAS channel, and allocation information will be made available via the B2B channel and the Information Services BBL (ISB) website.

Confirmation information related to the transfer of gas from the Trading Zone into the BBL set of balancing rules will be received via the EDIGAS channel. Allocation information will be made available via the B2B channel and the ISB website. These confirmations and allocations will only show the aggregated results.

The BBL shipper will receive confirmation of all nominated and system-generated trade actions at TTF via the regular EDIGAS channel. Allocation information will not be made available via the B2B channel. Information related to trade actions in the Trading Zone will be available on the ISB website.

Although IP Julianadorp will cease to exist per 1-1-2018, all confirmation and allocation information from the past will remain available via the B2B channel and the ISB website.

GTS-related information streams

There are no changes with respect to the current technical situation. Confirmations will be received via the regular EDIGAS channel, and allocation information will be made available via the B2B channel and the GTS Gasport website.

Confirmation information related to the transfer of gas from the Trading Zone into the GTS set of balancing rules or vice versa will be received via the EDIGAS channel. Allocation information will be made available via the B2B channel and the GTS Gasport website. These confirmations and allocations will only show the aggregated results of all trade actions at TTF.

The GTS shipper will receive confirmation of all nominated and system-generated trade actions at TTF via the regular EDIGAS channel. TTF allocation information will not be made available via the B2B channel, only via the GTS Gasport website.

Although IP Julianadorp will cease to exist per 1-1-2018, all confirmation and allocation information from the past will remain available via the B2B channel and the GTS Gasport website.

Appendix 3: Main operational changes for shippers

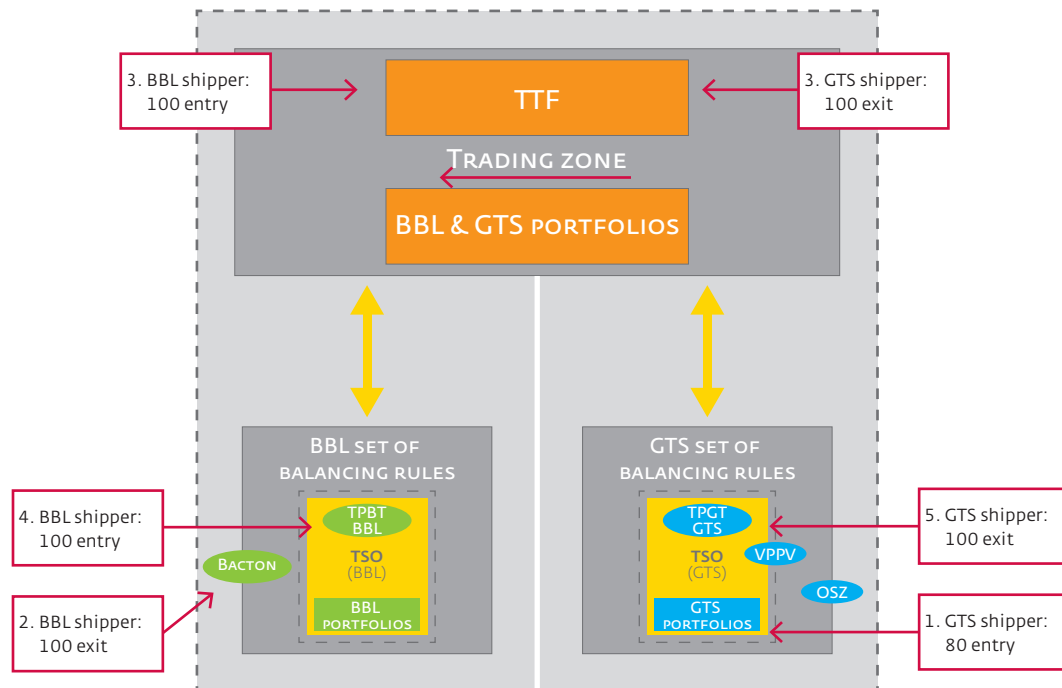
BBL perspective	Current situation	New situation	Impact messaging for shippers	Remark
TTF (virtual trading point)	N.a.	In Trading Zone	No impact	
Trades possible with GTS shippers	N.a.	Yes	Shippers can use their BBL portfolio Edigas code "TTF" will not change	<i>Also on gas exchanges</i>
GTS shipper balancing for BBL shipper	N.a.	Yes	No impact This is not an automated process	<i>Each BBL shipper portfolio has to be coupled to a GTS shipper portfolio</i>
Transfer Point BBL - Trading Zone	N.a.	In BBL set of balancing rules	No impact BBL will send each hour a confirmation of the aggregated quantities per portfolio	<i>Aggregation of all TTF trades</i>
Interconnection Point Julianadorp - Capacity bookings - Tariff - Nomination-confirmation - Allocation - Physical constraints	Entry/exit GTS-BBL Yes Yes Yes Yes Yes	Julianadorp no longer exists No No No No Via Trading Zone	No impact	<i>Primary effect on BBL shipper, transferred to GTS balancing shipper in Trading Zone</i>
Interconnection Point Bacton - Capacity bookings - Tariff - Nomination-confirmation - Allocation - Physical constraints	Entry/exit NGG-BBL Yes Yes Yes Yes Yes	Entry/exit NGG-BBL Yes Yes Yes Yes Yes	No impact	
Transfer of gas from The Netherlands to the UK (or vice versa) - Delivery of gas to the UK (or vice versa)	Via IP Julianadorp Via IP Bacton	Via TTF Via IP Bacton	No impact No impact	<i>BBL shippers now only have to nominate at Bacton, so the nomination process will be simplified</i>
Programmes to be send by BBL shippers	N.a.	N.a.	N.a.	
BBL buffer part of Dark Green Zone	N.a.	N.a.	N.a.	<i>Resulting in an enlarged Dark Green Zone for GTS shippers</i>
All BBL shippers must balance their portfolio	Yes	Yes	No impact	

(maintain OUT=IN principle)

GTS perspective	Current situation	New situation	Impact messaging for shippers
Virtual trading point "TTF" will move from GTS set of balancing rules to trading zone	GTS set of balancing rules	In Trading Zone	No impact. Edigas code "TTF" will not change
- Trades possible with BBL shippers on TTF (also on gas exchanges)	No	Yes	Shippers can use their GTS portfolio.
Each BBL shipper portfolio has to be coupled to a GTS shipper portfolio	No	Yes	No impact. This is not an automated process.
Introduction of networkpoint "Transfer Point GTS - Trading zone"	N.a.	GTS set of balancing rules	No impact
- Aggregation of all TTF trades by trading zone manager	N.a.	Yes	GTS will each hour send a confirmation of the aggregated quantities per portfolio
- Included in POS (in case shippers trade on TTF)	N.a.	Yes	
Transfer of gas from GTS shipper to BBL shipper (or vice versa) via TTF instead of IP Julianadorp	Via IP Julianadorp	Via TTF	No impact
- IP Julianadorp capacity auctioned on Prisma	Yes	No	
- Tariff	Yes, IP Julianadorp	Socialized	
- Nomination-confirmation	Yes, IP Julianadorp	Yes, TTF	
- Allocation	Yes, IP Julianadorp	Yes, TTF	
- Included in POS (in case of transfer for GTS shipper to BBL shipper or vice versa)	Yes	Yes	
- Physical constraints	Yes	Via Trading Zone	
Shippers should include the countershippers for TTF trades in their programmes	Yes	No	Possible impact
BBL buffer part of Dark Green Zone resulting in an enlarged Dark Green Zone for GTS shippers	No	Yes	No impact
Distribution of information on TTF allocations per counterparty	Via Edigas (confirmation), Gasport and B2B	Via Edigas (confirmation) and Gasport	Possible impact

Appendix 4: Process examples

Situation 1: BBL shipper nominates at Bacton and at TTF



Step 1. The GTS shipper nominates and gets confirmed 100 entry at e.g. Oude Statenzijl.

Step 2. The BBL shipper nominates 100 exit Bacton, matching takes place between BBLC and NGG, resulting in a confirmation to BBL shipper of 100 exit.

Step 3. The TZM will ensure the balance position of each BBL portfolio, using this confirmed quantity whereas the imbalance will be transferred to the linked portfolio of the GTS countershipper. However, if the BBL shipper has created balance himself, the TZM will not create additional trades.

Step 4. BBL will confirm 100 entry to the BBL shipper at TPBT.

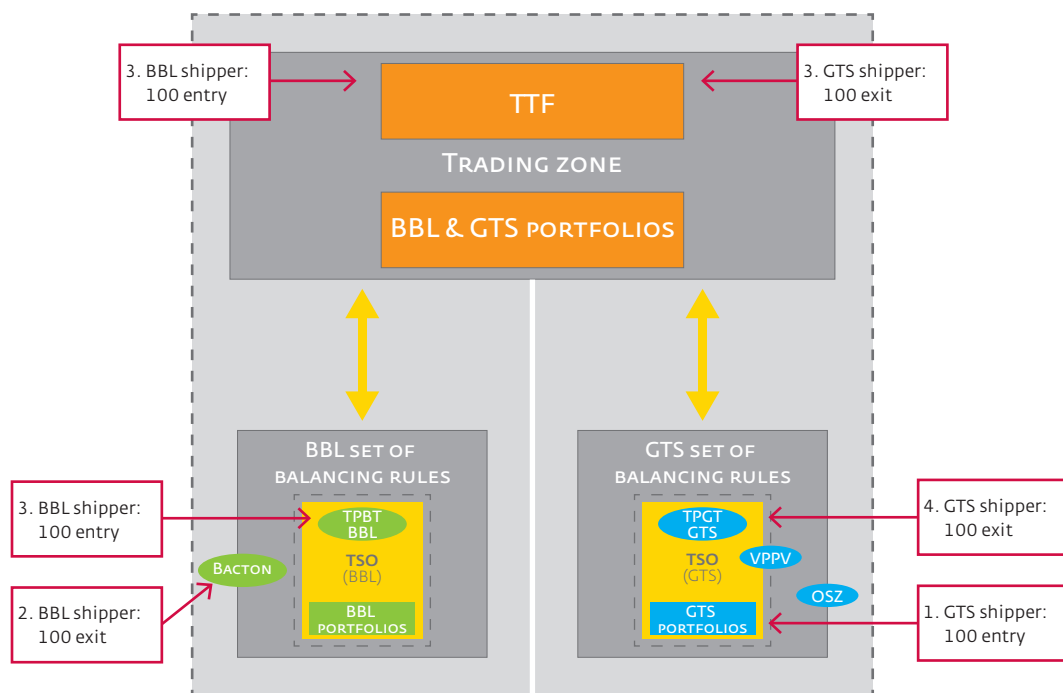
Step 5. GTS will confirm 100 exit to the GTS shipper at TPCT.

In this example the TZM has checked whether or not this BBL portfolio was balanced. Since this BBL portfolio has nominated on Bacton and bought the same quantity on TTF, he has created a balance position. Therefore, the TZM did not have to create an additional nomination.

Figure 5. BBL shipper has created balance position

NWP	Countershipper	Confirmed Quantity	NWP	Countershipper	Confirmed Quantity
Bacton	NGGSHIPPER X	40	TTF	GTSSHIPPER X	-100
Bacton	NGGSHIPPER Y	70			
Bacton	NGGSHIPPER Z	-10			
Bacton	Total	100	TPBT	Total	-100

Situation 2: BBL shipper only nominates at Bacton



Step 1. The GTS shipper nominates and gets confirmed 100 entry at e.g. Oude Statenzijl (OSZ).

Step 2. The BBL shipper nominates 100 exit Bacton, matching takes place between BBLC and NGG, resulting in a confirmation to the BBL shipper of 100 exit.

Step 3. The TZM will ensure the balance position of each BBL portfolio, using this confirmed quantity whereas the imbalance will be transferred to the GTS countershipper. The TZM creates a TTF trade between the BBL shipper and the predefined portfolio of a GTS countershipper.

Step 4. BBL will confirm 100 entry to the BBL shipper at TPBT.

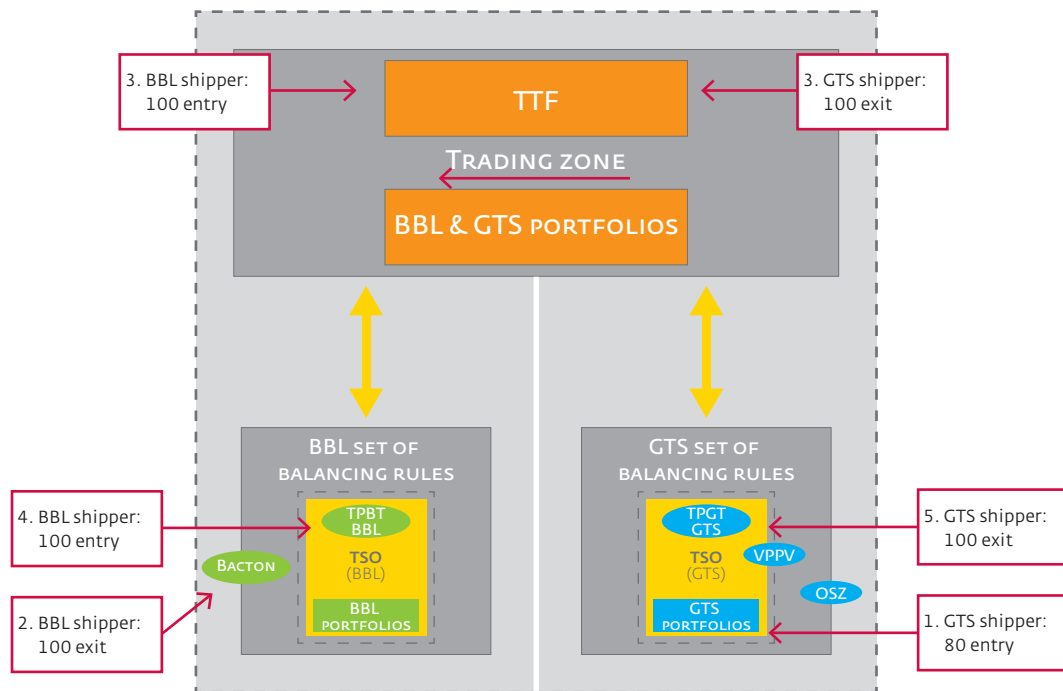
Step 5. GTS will confirm 100 exit to the GTS shipper at TPGT.

In this example the TZM has checked whether or not this BBL portfolio was balanced. Since this BBL portfolio has nominated on Bacton only, the TZM has to create the balance position. The TZM creates a TTF trade between the BBL shipper and the predefined portfolio of a GTS countershipper. The result is similar to the previous example.

Figure 6. TZM has created balance position for BBL shipper

NWP	Countershipper	Confirmed Quantity	NWP	Countershipper	Confirmed Quantity
Bacton	NGGSHIPPER X	40	TTF	GTSSHIPPER X	-100
Bacton	NGGSHIPPER Y	70			
Bacton	NGGSHIPPER Z	-10			
Bacton	Total	100	TPBT	Total	-100

Situation 3: BBL shipper only nominates at Bacton, GTS shipper has imbalance



Step 1. The GTS shipper nominates and gets confirmed 80 entry at e.g. Oude Statenzijl.

Step 2. The BBL shipper nominates 100 exit Bacton, matching takes place between BBLC and NGG, resulting in a confirmation to the BBL shipper of 100 exit.

Step 3. The TZM will ensure the balance position of each BBL portfolio, using this confirmed quantity whereas the imbalance will be transferred to the GTS countershipper. The TZM creates a TTF trade between the BBL shipper and the predefined GTS countershipper.

Step 4. BBL will confirm 100 entry to the BBL shipper at TPBT.

Step 5. GTS will confirm 100 exit to the GTS shipper at TPGT. The GTS shippers now has an imbalance of 20 for this hour.

