

GMDC Guideline

Gassco Main Data Collection Process

GMDC / RNB 2026

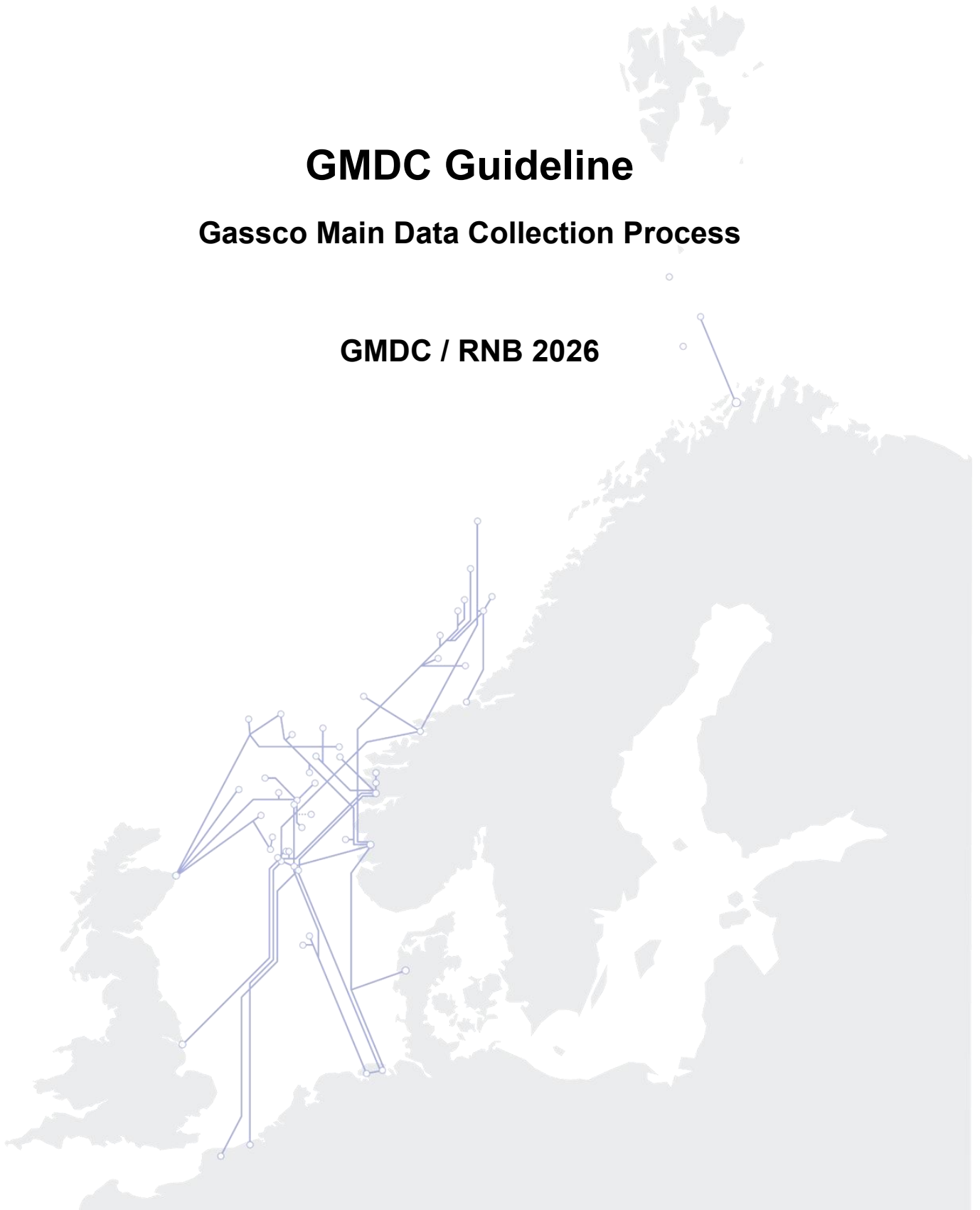


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Revision history:

Revision	Date	Description
1	24.06.2025	First issue of updated GMDC Guideline for RNB/GMDC2026
2	16.09.2025	Minor correction in Appendix A: GasSystemProjectResourcesRC8ProspectNames. Minor adjustments to second paragraph in chapter 3 on page 5. Added a revision history table on page 2.
3	01.10.2025	Minor modifications in Appendix B: Gassco Assumptions: - AnnualProductionLimitingFactorsComments - ExpectedMaxDailyDeliveryGasscoLimitations - ExpectedMaxDailyDeliveryLimitingFactors - ExpectedMaxDailyDeliveryPrecondition Minor adjustments in Appendix C: Validation rules: - Changed hard validation rule for GasSystemGasExportFirstGas

1. Introduction

1.1 General information

The Gassco Main Data Collection (GMDC) reporting process is an annual process coordinated with the Norwegian Offshore Directorate RNB reporting process, for schedule see Table 1. The reporting is done in the Collabor8 RNB solution provided by Offshore Norge.

Table 1: Time schedule for RNB/GMDC reporting process.

Date	Deadline
15.10.2025	Report Issuer 1. submission of field information.
29.10.2025	1. issue of comments from Gassco to the Report Issuers.
05.11.2025 12:00	Report Issuer 2. submission of field information, if requested.
10.11.2025 12:00	2. issue of comments from Gassco to the Report Issuers.
12.11.2025 12:00	Report Issuer 3. submission of field information, if requested.

This guideline is applicable for GMDC reporting to Gassco only. For questions, please contact GMDC lead: Jeanett Jensen (jhj@gassco.no).

For details on reporting requirements for the Norwegian Offshore Directorate, please see https://www.sodir.no/en/regulations/reporting_and_applications/revised-national-budget/. For details on how to use Collabor8 RNB, please see <https://collabor8.no/services/rnb/>.

The GMDC reporting process forms the basis for the following processes/plans:

- Shipment planning (Kårstø, Kollsnes and Nyhamna)
- Transport Plan
- Booking Rounds
- Field development architect evaluations
- Other analyses

Shippers' comments to the field profiles will be requested as part of the Booking Round preparations. Gassco will evaluate received information and comments from the Shippers, and if possible, use latest received information when requesting update/new information.

1.2 Abbreviations

Table 2: Table listing abbreviations.

GMDC	Gassco Main Data Collection
RNB	Revised National Budget
DSRN	Duly Substantiated Reasonable Need
EMDD	Expected Maximum Daily Delivery
RC	Resource Class
GCV	Gross Calorific Value
WI	Wobbe Index
NOD	Norwegian Offshore Directorate

2. Use of field operator data

Data issued by the Report Issuer in the GMDC reporting process will be used in various processes within Gassco. More detailed descriptions of these processes are given below.

2.1 Process and Shipment Planning

Gassco needs information for forecasting and shipment planning purposes at Kårstø, Kollsnes and Nyhamna Gas Processing Plants. Long-term forecasts are issued biannually to the shippers in December and June. Short-term forecasts are used in monthly Shipment Planning Processes.

The following information submitted will be used for Process and Shipment Planning:

- Annual Forecasts
- Expected Maximum Daily Delivery
- Rich gas and condensate composition
- Licence ownership

2.2 Transport Plan Process

An annual Transport Plan work process is established to ensure efficient utilisation of existing infrastructure and identify need for such developments as additional capacity, new functionality, removal of bottlenecks and capacity consolidation. The Transport Plan has a 15-year perspective. To establish the Transport Plan, it is important to secure reliable data regarding the future need for transport capacity. The uncertainty estimates are particularly important with respect to the future need for gas quality handling at Kårstø, as well as the uncertainty model in the Transport Plan.

The following information submitted will be used in the Transport Plan Process:

- Annual Forecasts
- Expected Maximum Daily Delivery
- Dry gas and rich gas composition
- Assumptions
- Condensate Expected Maximum Daily Delivery
- Uncertainty

2.3 Booking Round

Gassco shall offer shippers with Qualified Need the right to reserve capacity for transport-, processing and quality services in the Gassco operated transport systems.

A shippers Qualified Need for reserving transport capacity is equal the DSRN. The DSRN is determined by Gassco taking into account, among other evaluations, the following input from the GMDC process:

- Expected Maximum Daily Delivery
- Dry gas and rich gas compositions
- Condensate Expected Maximum Daily Delivery
- Assumptions

The numbers submitted by the Report Issuer will be used by Gassco in the April and September booking rounds where shippers can reserve transport-, processing- and quality-services on Medium and Long Term. Later, the booking parameters will be used in the daily booking processes.

2.4 Field development architect evaluations

The section 66A of the Petroleum Regulation requires the licensees to inform Gassco in terms of gas volumes and need for gas transportation and processing capacity:

“The Licensees are obliged to inform Gassco, at any time, as soon as it is identified that a need for gas transportation or processing capacity could appear.”

This obligation is also valid outside the normal routines in terms of the Transport Plan process.

3. Main changes

This chapter describes the main changes from the previous GMDC reporting process.

Gassco data shall no longer be reported in the old excel spreadsheets. Report Issuers shall now report data to Gassco via the new Collabor8 RNB solution provided by Offshore Norge. Some Report Issuers will report data via an API solution (machine to machine) directly to Collabor8, while most Report Issuers will report data via a new spreadsheet which can be downloaded from and uploaded to Collabor8. Report Issuers shall report both Gassco data and Norwegian Offshore Directorate data via the new spreadsheet. For more details on how to use Collabor8 RNB, please see <https://collabor8.no/services/rnb/>.

All fields/discoveries on the Norwegian continental shelf that have natural gas must report data to Gassco. The fields/discoveries this applies to should have a checked checkbox in Initiate>Reporting Objects>Is Gassco Applicable in Collabor8 RNB, see Figure 1. In case of inaccuracies in "Is Gassco Applicable", please contact Gassco.

Reporting Year 1	Report Issuer 2	Type 3	Name 4	NPDID	Reporting Type	Operator	Is Gassco Applicable	Deposits
2026	A/S Norske Shell	field	ORMEN LANGE	2762452	RNB	A/S Norske Shell	☒	[114761 - ORMEN LANGE UNIT C]
2026	Aker BP ASA	field	ALVE NORD	42002483	RNB	Aker BP ASA	☒	[22508947 - ALVE NORD]
2026	Aker BP ASA	field	ALVHEIM	2845712	RNB	Aker BP ASA	☒	[22512438 - ALVHEIM]
2026	Aker BP ASA	field	BØYLA	22492497	RNB	Aker BP ASA	☒	[41393408 - BØYLA]
2026	Aker BP ASA	field	EDVARDGRØN	31625133	RNB	Aker BP ASA	☒	[22512429 - EDVARDGRØN]

Figure 1: Screenshot from the Initiate view in Collabor8 RNB showing “Is Gassco Applicable”.

3.2 New data required to be reported

Monthly data

Gassco require monthly Expected Maximum Daily Delivery (EMDD) data for both natural gas and condensate for the reporting year and the following 3 gas years. This is in addition to annual EMDD which will be reported as before. For example of monthly reporting in the Collabor8 RNB Excel data template, see Figure 3, and for example showing monthly reporting in gas years, see Figure 4.

Monthly EMDD data will improve the quality of volume basis used for infrastructure studies within Gassco. Improved volume basis will lead to more accurate analyses and improved decision support for decision makers. Monthly EMDD can also improve the quality of the DSRN/booking process and long-term forecast of liquid products.

GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC0-3	GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC4	GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC5	GasSystemGasExportExpectedMaximumDailyDeliveryMonthRC0-3	GasSystemGasExportExpectedMaximumDailyDeliveryMonthRC4	GasSystemGasExportExpectedMaximumDailyDeliveryMonthRC5
GasSystem	GasSystem	GasSystem	GasSystem	GasSystem	GasSystem
CondensateDelivery	CondensateDelivery	CondensateDelivery	GasExport	GasExport	GasExport
CondensateExpectedMaximumDailyDeliveryMonthRC0-3	CondensateExpectedMaximumDailyDeliveryMonthRC4	CondensateExpectedMaximumDailyDeliveryMonthRC5	ExpectedMaximumDailyDeliveryMonthRC0-3	ExpectedMaximumDailyDeliveryMonthRC4	ExpectedMaximumDailyDeliveryMonthRC5

Figure 3: Example of monthly reporting in the Collabor8 RNB Excel data template.

Example for monthly EMDD for RNB/GMDC2026								
Month	Calendar year	Contract/ Gas year	Natural gas			Condensate		
			RC0-3	RC4	RC5	RC0-3	RC4	RC5
October	2025	2025						
November	2025	2025						
December	2025	2025						
January	2026	2025						
February	2026	2025						
March	2026	2025						
April	2026	2025						
May	2026	2025						
June	2026	2025						
July	2026	2025						
August	2026	2025						
September	2026	2025						
October	2026	2026						
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December	2028	2028						
January	2029	2028						
February	2029	2028						
March	2029	2028						
April	2029	2028						
May	2029	2028						
June	2029	2028						
July	2029	2028						
August	2029	2028						
September	2029	2028						

Figure 4: Example showing monthly reporting in gas years.

Condensate H₂S

Gassco require Report Issuers to report H₂S content in condensate that are transported and processed at Kårstø. Gassco operations experience a need for more information regarding H₂S at Kårstø, including H₂S in the condensate.

New Gassco assumptions

The previously reported “Assumptions” tab has been updated in the Collabor8 RNB solution. An illustration is shown in *Figure 5*.

GasscoAssumptions for Field ROs

RNB GasscoAssumptions v1

Pressure assumptions

The following questions are related to pressure assumptions at the entry point of the Gassco operated system

What are the pressure assumptions at the entry point of the Gassco operated system for estimation of daily production rates (EMDD) and annual production?

What are the pressure assumptions at the entry point of the Gassco operated system for estimation of daily production rates (EMDD) and annual production?

Is time variation in the pressures assumed?

Is time variation in the pressures assumed?

Assuming reduced pressure at the entry point of the Gassco operated system, what is the impact on daily rates and annual production?

Assuming reduced pressure at the entry point of the Gassco operated system, what is the impact on daily rates and annual production?

Annual production

The following questions are related to the annual production from the field/discovery

What are the limiting factor(s) for the annual production from the field/discovery?

What are the limiting factor(s) for the annual production from the field/discovery?

☐ Reservoir limitations
☐ Well constraints
☐ Pipeline limitations
☐ Processing facilities
☐ Maximum contractual right for use of external processing facilities
☐ Other

Comments

CANCEL

SUBMIT

Figure 5: Example of Gassco assumptions in Collabor8 RNB.

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4. Instructions on how to report to Gassco

The Collabor8 RNB solution includes two elements to be reported to Gassco: Gassco data, which can be found under “Estimates”; and Gassco assumptions, which can be found under “Forms”. These elements are shown below and are described in details in “Appendix A: Gassco data” and “Appendix B: Gassco assumptions”.

Gassco data (main elements):

- Yearly EMDD
- Monthly EMDD for reporting year and the following 3 gas years
- Gas composition, including Hg, O₂ and Water
- Uncertainty spans for H₂S and CO₂
- Condensate: annual forecast, EMDD and composition
- First gas for discoveries

Gassco assumptions:

- Future project development for discoveries
- Pressure assumptions
- Annual production
- EMDD information
- Gas composition basis
- Uncertainty assumptions
- Gas quality - trace elements
- Field production unavailability due to planned events
- Gas injections during infrastructure shutdowns
- Security of supply

For reporting Gassco data in Collabor8 RNB a set of validation rules are made. These are explained in detail in “Appendix C: Validation rules”.

Appendix A: Gassco data

Gassco data must be reported for all Fields/Discoveries if the reporting object is "IsGasscoApplicable = true" (has natural gas) and have volumes in resource class RC0-3, RC4, RC5, RC7 or RC8.

Some data are not relevant for all Fields/Discoveries. See the "Remarks" column in Table 3 for details.

All Gassco data should be reported in Norwegian share/percentage.

Gassco data shall be reported under "Estimates" in Collabor8 RNB.

Table 3: Table listing details for Gassco data.

Data name	Unit	Period	Long description	Remarks
GasSystemGasExportExpectedMaximumDaily Delivery RC0-3	MSm3/d	Gas year	Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. This capacity may therefore not be equal every gas year through the lifetime of the field. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). For fields with varying profile over the gas year the EMDD is determined based on the period of the gas year when it is anticipated that the field will have its highest expected maximum daily delivery. To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	

Data name	Unit	Period	Long description	Remarks
GasSystemGasExportExpectedMaximumDaily DeliveryMonthRC0-3	MSm3/d	Month	Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	New in GMDC2026
GasSystemGasExportExpectedMaximumDaily Delivery RC4	MSm3/d	Gas year	Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. This capacity may therefore not be equal every gas year through the lifetime of the field. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). For fields with varying profile over the gas year the EMDD is determined based on the period of the gas year when it is anticipated that the field will have its highest expected maximum daily delivery. To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	
GasSystemGasExportExpectedMaximumDaily DeliveryMonthRC4	MSm3/d	Month	Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	New in GMDC2026

Data name	Unit	Period	Long description	Remarks
GasSystemGasExportExpectedMaximumDaily Delivery RC5	MSm3/d	Gas year	Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. This capacity may therefore not be equal every gas year through the lifetime of the field. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). For fields with varying profile over the gas year the EMDD is determined based on the period of the gas year when it is anticipated that the field will have its highest expected maximum daily delivery. To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	
GasSystemGasExportExpectedMaximumDaily DeliveryMonthRC5	MSm3/d	Month	Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	New in GMDC2026
GasSystemGasExportCompositionN2	mol%	Gas year	Nitrogen content in the natural gas	
GasSystemGasExportCompositionCO2Base	mol%	Gas year	Base estimate of carbon dioxide content in the natural gas	
GasSystemGasExportCompositionC1	mol%	Gas year	Methane content in the natural gas	
GasSystemGasExportCompositionC2	mol%	Gas year	Ethane content in the natural gas	
GasSystemGasExportCompositionC3	mol%	Gas year	Propane content in the natural gas	
GasSystemGasExportCompositioni-C4	mol%	Gas year	Iso Butane content in the natural gas	
GasSystemGasExportCompositionn-C4	mol%	Gas year	Normal Butane content in the natural gas	
GasSystemGasExportCompositioni-C5	mol%	Gas year	Iso Pentane content in the natural gas	
GasSystemGasExportCompositionn-C5	mol%	Gas year	Normal Pentane content in the natural gas	
GasSystemGasExportCompositionC6	mol%	Gas year	Hexane content in the natural gas	
GasSystemGasExportCompositionC7	mol%	Gas year	Heptane content in the natural gas	
GasSystemGasExportCompositionC8	mol%	Gas year	Octane content in the natural gas	
GasSystemGasExportCompositionC9	mol%	Gas year	Nonane content in the natural gas	
GasSystemGasExportCompositionC10+	mol%	Gas year	Decene plus heavier hydrocarbons	
GasSystemGasExportCompositionC10+Average	mol wt	Gas year	Average molecular weight for the fraction of C10+	
GasSystemGasExportCompositionC10+Liquid Density	kg/Sm3	Gas year	Liquid density of the C10+ fraction	
GasSystemGasExportCompositionCO2Low	mol%	Gas year	Low estimate (p90) of carbon dioxide content in the natural gas. The uncertainty estimate should represent the uncertainty with respect to periodic/yearly level, not the uncertainty in hourly/daily variations and measurement uncertainty.	
GasSystemGasExportCompositionCO2High	mol%	Gas year	High estimate (p10) of carbon dioxide content in the natural gas. The uncertainty estimate should represent the uncertainty with respect to periodic/yearly level, not the uncertainty in hourly/daily variations and measurement uncertainty.	
GasSystemGasExportCompositionH2SLow	ppm	Gas year	Low estimate (p90) of hydrogen sulfide content in the natural gas. The uncertainty estimate should represent the uncertainty with respect to periodic/yearly level, not the uncertainty in hourly/daily variations and measurement uncertainty.	
GasSystemGasExportCompositionH2SBase	ppm	Gas year	Base estimate of hydrogen sulfide content in the natural gas.	
GasSystemGasExportCompositionH2SHigh	ppm	Gas year	High estimate (p10) of hydrogen sulfide content in the natural gas. The uncertainty estimate should represent the uncertainty with respect to periodic/yearly level, not the uncertainty in hourly/daily variations and measurement uncertainty.	
GasSystemGasExportCompositionHg	µg/Sm3	Gas year	Mercury content in the natural gas	
GasSystemGasExportCompositionO2	ppm	Gas year	Oxygen content in the natural gas	
GasSystemGasExportCompositionWaterContent	ppm	Gas year	Water content in the natural gas	

Data name	Unit	Period	Long description	Remarks
GasSystemCondensateDeliveryCondensateAnnualForecastRC0-3	MSm3/y	Gas year	Annual forecast should reflect best prognosis based on expected future production. To be used in Transportplan Process, Booking Round, Maintenance Planning, GCV and WI Nomination.	Only applicable for condensate to Kårstø.
GasSystemCondensateDeliveryCondensateAnnualForecastRC4	MSm3/y	Gas year	Annual forecast should reflect best prognosis based on expected future production. To be used in Transportplan Process, Booking Round, Maintenance Planning, GCV and WI Nomination.	Only applicable for condensate to Kårstø.
GasSystemCondensateDeliveryCondensateAnnualForecastRC5	MSm3/y	Gas year	Annual forecast should reflect best prognosis based on expected future production. To be used in Transportplan Process, Booking Round, Maintenance Planning, GCV and WI Nomination.	Only applicable for condensate to Kårstø.
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryRC0-3	kSm3/d	Gas year	Possible condensate delivery in RC0-3 from both producing and new fields should be submitted. Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. This capacity may therefore not be equal every gas year through the lifetime of the field. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). For fields with varying profile over the gas year the EMDD is determined based on the period of the gas year when it is anticipated that the field will have its highest expected maximum daily delivery. To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	Only applicable for condensate to Kårstø.
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC0-3	kSm3/d	Month	Possible condensate delivery in RC0-3 from both producing and new fields should be submitted. Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	New in GMDC2026 Only applicable for condensate to Kårstø.
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryRC4	kSm3/d	Gas year	Possible condensate delivery in RC4 from both producing and new fields should be submitted. Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. This capacity may therefore not be equal every gas year through the lifetime of the field. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). For fields with varying profile over the gas year the EMDD is determined based on the period of the gas year when it is anticipated that the field will have its highest expected maximum daily delivery. To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	Only applicable for condensate to Kårstø.

Data name	Unit	Period	Long description	Remarks
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC4	kSm3/d	Month	Possible condensate delivery in RC4 from both producing and new fields should be submitted. Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	New in GMDC2026 Only applicable for condensate to Kårstø.
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryRC5	kSm3/d	Gas year	Possible condensate delivery in RC5 from both producing and new fields should be submitted. Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. This capacity may therefore not be equal every gas year through the lifetime of the field. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). For fields with varying profile over the gas year the EMDD is determined based on the period of the gas year when it is anticipated that the field will have its highest expected maximum daily delivery. To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	Only applicable for condensate to Kårstø.
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC5	kSm3/d	Month	Possible condensate delivery in RC5 from both producing and new fields should be submitted. Expected maximum daily delivery is the minimum of either: - expected maximum gas export capacity - expected maximum gas production capacity of the field - expected maximum field entitlement to gas processing capacity or the field's ability to deliver gas. EMDD is the expected maximum volume of gas that could be produced over a longer period of time (not peak values). To be used in Transport plan Process, Booking Round, Maintenance Planning, GCV and WI Nomination. Further outlines regarding how EMDD profiles shall be determined, can be found in the Gassco booking manual chapter 2.2.	New in GMDC2026 Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionN2	mol%	Gas year	Nitrogen content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionCO2	mol%	Gas year	CO2 content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC1	mol%	Gas year	Methane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC2	mol%	Gas year	Ethane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC3	mol%	Gas year	Propane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositioni-C4	mol%	Gas year	Iso Butane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionn-C4	mol%	Gas year	Normal Butane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositioni-C5	mol%	Gas year	Iso Pentane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionn-C5	mol%	Gas year	Normal Pentane content in the condensate	Only applicable for condensate to Kårstø.

Data name	Unit	Period	Long description	Remarks
GasSystemCondensateCompositionC6	mol%	Gas year	Hexane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC7	mol%	Gas year	Heptane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC8	mol%	Gas year	Octane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC9	mol%	Gas year	Nonane content in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC10+	mol%	Gas year	Decene plus heavier hydrocarbons in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC10+Average	mol wt	Gas year	Average molecular weight for the fraction of C10+ in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionC10+LiquidDensity	kg/Sm3	Gas year	Liquid density of the C10+ fraction in the condensate	Only applicable for condensate to Kårstø.
GasSystemCondensateCompositionH2S	ppm vol /mol% ethane	Gas year	Expected hydrogen sulfide content in the condensate	New in GMDC2026 Only applicable for condensate to Kårstø.
GasSystemGasExportFirstGas	Date	-	Date when gas export is expected to start	
GasSystemProjectResourcesOilBase	-	-	-	Same as NOD
GasSystemProjectResourcesNglBase	-	-	-	Same as NOD
GasSystemProjectResourcesGasLow	-	-	-	Same as NOD
GasSystemProjectResourcesGasBase	-	-	-	Same as NOD
GasSystemProjectResourcesGasHigh	-	-	-	Same as NOD
GasSystemProjectResourcesCondensateBase	-	-	-	Same as NOD
GasSystemProductionAndInjectionGrossGasProduction	-	-	-	Same as NOD
GasSystemProductionAndInjectionNaturalGasInjection	-	-	-	Same as NOD
GasSystemProductionAndInjectionGasForGasLift	-	-	-	Same as NOD
GasSystemSalesDryGasLow	-	-	-	Same as NOD
GasSystemSalesDryGasBase	-	-	-	Same as NOD
GasSystemSalesDryGasHigh	-	-	-	Same as NOD
GasSystemSalesPhysicalDryGas	-	-	-	Same as NOD
GasSystemSalesPhysicalRichGas	-	-	-	Same as NOD
GasSystemSalesSaleableGasCalendarYear	-	-	-	Same as NOD
GasSystemSalesSaleableGasGasYear	-	-	-	Same as NOD
GasSystemSalesGasPurchaseCalendarYear	-	-	-	Same as NOD
GasSystemSalesGasPurchaseSource	-	-	-	Same as NOD
GasSystemProjectResourcesRC6-7Description	-	-	-	Same as NOD
GasSystemProjectResourcesVolumeChangesExplanation	-	-	-	Same as NOD
GasSystemProjectResourcesGeneralDescription	-	-	-	Same as NOD
GasSystemProjectResourcesRC8ProspectNames	-	-	-	Same as NOD
GasSystemProjectResourcesRC8Description	-	-	-	Same as NOD
GasSystemProjectResourcesResourceExplanation	-	-	-	Same as NOD

Appendix B: Gassco assumptions

Gassco assumptions must be reported for all Fields/Discoveries if the reporting object is "IsGasscoApplicable = true" (has natural gas) and has volumes in resource class RC0-3, RC4, RC5, RC7 or RC8.

Gassco assumptions shall be reported under "Forms" in Collabor8 RNB.

There are two versions of Gassco assumptions Forms: one for Fields and one for Discoveries. The only difference between the two Forms is that the one for Discoveries also has questions related to field development. Report Issuer will only see the Form which is relevant for the Field/Discovery based on its classification in the Scope phase in Collabor8 RNB.

Table 4 is a combination of Forms for both Field and Discoveries.

Table 4: Table listing Gassco assumptions.

Text type	Text	Data name	Input type	Validation
Header:	Future project development for discoveries			
Explanation:	The following questions are related to future project development for discoveries			
Question 1:	What is the most likely host facility?	FutureProjectDevelopmentHost	Text	"ReportingObjectType" = Discovery (This question is only relevant for Discoveries)
Question 2:	Comment on development concept regarding gas processing, transport, power supply etc.	FutureProjectDevelopmentConcept	Text	"ReportingObjectType" = Discovery (This question is only relevant for Discoveries)
Question 3:	Which other development concepts are considered?	FutureProjectDevelopmentOtherConcepts	Text	"ReportingObjectType" = Discovery (This question is only relevant for Discoveries)
Header:	Pressure assumptions			
Explanation:	The following questions are related to pressure assumptions at the entry point of the Gassco operated system			
Question 1:	What are the pressure assumptions at the entry point of the Gassco operated system for estimation of daily production rates (EMDD) and annual production?	PressureAssumptionsEntryPoint	Text	
Question 2:	Is time variation in the pressures assumed?	PressureAssumptionsTimeVariation	List (yes/no)	
Question 3:	Assuming reduced pressure at the entry point of the Gassco operated system, what is the impact on daily rates and annual production?	PressureAssumptionsReducedPressure	Text	
Header:	Annual production			
Explanation:	The following questions are related to the annual production from the field/discovery			
Question 1:	What are the limiting factor(s) for the annual production from the field/discovery?	AnnualProductionLimitingFactors	Multiple choice from List 1	
Question 2:	Comments	AnnualProductionLimitingFactorsComments	Text	
Header:	Expected Maximum Daily Delivery (EMDD)			
Explanation:	The Expected Maximum Daily Delivery (EMDD) rate for any Gas Year is defined as the highest average monthly gas export rate within any Gas Year. The EMDD shall consider all limitations (technical and commercial) up until the Gassco operated entry point* and is further defined in the Gassco Booking Manual chapter 2.2. *For gas resources not connected to the Gassco operated system, EMDD and annual production should also be reported due to Gassco's architect mandate as special operator. The following questions are related to EMDD preconditions			
Question 1:	Please confirm that limitations in the Gassco operated system are not taken into account in the estimation of EMDD	ExpectedMaxDailyDeliveryGasscoLimitations	Checkbox	

Text type	Text	Data name	Input type	Validation
Question 2:	What are the limiting factor(s) for the EMDD from the field/discovery?	ExpectedMaxDailyDeliveryLimitingFactors	Multiple choice from List 1	
Question 3:	Explain the precondition for determining the EMDD for the field/discovery	ExpectedMaxDailyDeliveryPrecondition	Text	
Header:	Gas composition basis			
Explanation:	The following questions are related to the basis for the gas composition. Field operators shall report the field's contribution to the gas composition that is exported into the Gassco operated system. As an example, consider a subsea field with low CO₂ content that is or may be tied back to a host facility with high CO₂ content for processing. The gas from the subsea field is transported to a host facility for processing before the comingled gas from both the subsea field and the host facility is exported into the Gassco operated system (e.g. Åsgard Transport). In this case, both the subsea field and the host facility will contribute to the comingled gas composition. However, the individual contribution from each field will impact the CO₂ prognoses differently. Gassco needs the individual contribution per field as this is important for the quality of different prognoses in Gassco.			
Question 1:	Specify the basis for the composition	GasCompositionBasis	List 2	
Question 2:	You answered "Other" as the basis for the composition. Please describe	GasCompositionBasisExplanation	Text	Must be answered if GasCompositionBasis = "Other"
Question 3:	Explain deviations from previous reporting	GasCompositionBasisDeviation	Text	
Question 4:	Explain time variations in the composition	GasCompositionBasisTimeVariation	Text	
Header:	Gas composition and quality - Uncertainty assumptions			
Explanation:	Uncertainty factors for gas composition and quality are part of the general reporting to Gassco. The following questions ask for details to these figures			
Question 1:	CO ₂ : Comment on the uncertainty in the CO ₂ reporting	CO2UncertaintyComment	Text	
Question 2:	H ₂ S: Comment on uncertainty in the H ₂ S reporting	H2SUncertaintyComment	Text	
Header:	Gas quality - Trace elements			
Explanation:	Trace elements in the natural gas are part of the general reporting to Gassco. The following questions ask for details to these figures			
Question 1:	Hg: Specify if Hg is identified in well samples or production and comment on uncertainty in Hg reporting	HgComment	Text	
Question 2:	O ₂ : Comment on reported O ₂	O2Comment	Text	
Question 3:	Water content: Comment on reported water content	WaterComment	Text	
Question 4:	Are there other trace elements detected in the gas? Please elaborate	TraceElementsOtherInformation	Text	
Header:	Field production unavailability due to unplanned events			
Explanation:	The reported field production unavailability should be due to unplanned events on the field alone (not included the unavailability of downstream transportation and processing facilities). Unavailability due to planned events should not be included.			
Question 1:	What is the average production unavailability (%) due to unplanned events of the field alone?	FieldUnavailability	Number [%]	Must be >=0% and <=100%
Question 2:	Comment	FieldUnavailabilityComment	Text	
Header:	Gas injection during infrastructure shutdowns			
Explanation:	The following questions are related to the possibility of gas injection during shutdowns in the NCS gas infrastructure			
Question 1:	Is there available gas injection capacity at the field which can be used in order to avoid or reduce liquid loss at the field during shutdowns in the NCS gas infrastructure?	GasInjectionDuringInfrastructureShutdown	List (yes/no)	
Question 2:	Comment	GasInjectionDuringInfrastructureShutdownComment	Text	
Header:	Security of supply			
Explanation:	Oil and condensate consequences due to a major shutdown in Gassco operated installations or systems. This is input to updates of the "Security of Norwegian gas supply" study. The main objective is to map the robustness of Norwegian gas transportation, and the consequences major shutdowns on the NCS could have on the European energy supply. This includes a high-level overview of potential loss of oil and condensate production (no volume loss calculations) when there is 0 MSm³/d gas transport from any field delivering into Gassco operated systems.			
Question 1:	How many days (approximately) can the field continue producing oil at "normal production levels" after loss of gas export (no export of gas) due to a major shutdown event in Gassco installation or systems (answer in days)?	SecurityOfSupplyOilNormalProductionDays	Number (days)	
Question 2:	How many days (approximately) can the field continue producing oil at "reduced production levels" after loss of gas export (no export of gas) due to a major shutdown event in Gassco installation or systems (answer in days)?	SecurityOfSupplyOilReducedProductionDays	Number (days)	

Text type	Text	Data name	Input type	Validation
Question 3:	How many days (approximately) can the field continue producing condensate at "normal production levels" after loss of gas export (no export of gas) due to a major shutdown event in Gassco installation or systems (answer in days)?	SecurityOfSupplyCondensateNormalProductionDays	Number (days)	
Question 4:	How many days (approximately) can the field continue producing condensate at "reduced production levels" after loss of gas export (no export of gas) due to a major shutdown event in Gassco installation or systems (answer in days)?	SecurityOfSupplyCondensateReducedProductionDays	Number (days)	
Question 5:	Any comments to the questions above	SecurityOfSupplyComment	Text	

List 1 (multiple choice)
Reservoir limitations
Well constraints
Pipeline limitations
Processing facilities
Maximum contractual right for use of external processing facilities
Other

List 2
Rich gas entering Gassco systems
Dry gas entering Gassco systems
Other

Appendix C: Validation rules

Table 5 lists validation rules in Collabor8 RNB applicable for Gassco data.

Soft validation rules give Report Issuer an error and requires a comment. Data can be submitted if the soft validation rule is not followed provided that a comment/reason is provided. Hard validation rules must be followed in order to submit data.

Input validation checks data against the validation rules before it is permitted to be uploaded to Collabor8 RNB.

Requested validation is a functionality within Collabor8 RNB where the report issuer can request the system to check data against the validation rules at any given time before the data is submitted.

Approval validation checks data against the validation rules when the report issuer is ready to submit the data to the authorities for approval (DataOperatorApproved).

Table 5: Table listing hard and soft validation rules and error messages for Gassco data.

Data name	Hard validation rules in Collabor8 RNB	Hard validation error message in Collabor8 RNB	Soft validation rules in Collabor8 RNB	Soft validation error message in Collabor8 RNB	Input validation	Requested validation	Approval validation
GasSystemGasExportExpectedMaximumDailyDeliveryRC0-3	Must be reported for years where ReportingObject has Project(s) in RC0-3 where "PhysicalDryGas" or "PhysicalRichGas" is reported. Must be >=0 for each year.	EMDD must be reported for years where annual volumes are reported. Must be >=0				X	X
GasSystemGasExportExpectedMaximumDailyDeliveryMonthRC0-3	Must be reported for months in gas year(s); reporting year-1, reporting year, reporting year+1, reporting year+2 where ReportingObject has Project(s) in RC0-3 where "PhysicalDryGas" or "PhysicalRichGas" is reported. Must be >=0 for each month.	EMDD must be reported for months where annual volumes are reported. Must be >=0				X	X
GasSystemGasExportExpectedMaximumDailyDeliveryRC4	Must be reported for years where ReportingObject has Project(s) in RC4 where "PhysicalDryGas" or "PhysicalRichGas" is reported. Sum of "ExpectedMaximumDailyDeliveryYear RC0-3" and "ExpectedMaximumDailyDeliveryYear RC4" must be >=0 for each year.	EMDD must be reported for years where annual volumes are reported. The sum of EMDD for RC0-3 and RC4 for a year cannot be negative.				X	X
GasSystemGasExportExpectedMaximumDailyDeliveryMonthRC4	Must be reported for months in gas year(s); reporting year-1, reporting year, reporting year+1, reporting year+2 where ReportingObject has Project(s) in RC4 where "PhysicalDryGas" or "PhysicalRichGas" is reported. Sum of "ExpectedMaximumDailyDeliveryMonth RC0-3" and "ExpectedMaximumDailyDeliveryMonth RC4" must be >=0 for each month.	EMDD must be reported for months where annual volumes are reported. The sum of EMDD for RC0-3 and RC4 for a month cannot be negative.				X	X

Data name	Hard validation rules in Collabor8 RNB	Hard validation error message in Collabor8 RNB	Soft validation rules in Collabor8 RNB	Soft validation error message in Collabor8 RNB	Input validation	Requested validation	Approval validation
GasSystemGasExportExpectedMaximumDailyDeliveryRC5	Must be reported for years where ReportingObject has Project(s) in RC5 where "PhysicalDryGas" or "PhysicalRichGas" is reported. Sum of "ExpectedMaximumDailyDeliveryYear RC0-3" and "ExpectedMaximumDailyDeliveryYear RC4" and "ExpectedMaximumDailyDeliveryYear RC5" must be >=0 for each year.	EMDD must be reported for years where annual volumes are reported. The sum of EMDD for RC0-3, RC4 and RC5 for a year cannot be negative.				X	X
GasSystemGasExportExpectedMaximumDailyDeliveryMonthRC5	Must be reported for months in gas year(s); reporting year-1, reporting year, reporting year+1, reporting year+2 where ReportingObject has Project(s) in RC5 where "PhysicalDryGas" or "PhysicalRichGas" is reported. Sum of "ExpectedMaximumDailyDeliveryMonthRC0-3" and "ExpectedMaximumDailyDeliveryMonthRC4" and "ExpectedMaximumDailyDeliveryMonthRC5" must be >=0 for each month.	EMDD must be reported for months where annual volumes are reported. The sum of EMDD for RC0-3, RC4 and RC5 for a month cannot be negative.				X	X
	If reported N2+CO2+C1+C2+C3+(i-C4)+(n-C4)+(i-C5)+(n-C5)+C6+C7+C8+C9+C10+ must be 100% ± 0,001%	The sum of N2+CO2+C1+C2+C3+(i-C4)+(n-C4)+(i-C5)+(n-C5)+C6+C7+C8+C9+C10+ is not 100% ± 0,001%. Please revise gas composition.				X	X
			If "PhysicalDryGas" or "PhysicalRichGas" is reported AND If N2, CO2, C1, C2, C3, (i-C4), (n-C4), (i-C5), (n-C5), C6, C7, C8, C9, C10 are empty, Report Issuer have to explain.	Please explain missing gas composition.		X	X
GasSystemGasExportCompositionN2	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionCO2Base	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionC1	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionC2	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionC3	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositioni-C4	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionn-C4	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositioni-C5	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionn-C5	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X

Data name	Hard validation rules in Collabor8 RNB	Hard validation error message in Collabor8 RNB	Soft validation rules in Collabor8 RNB	Soft validation error message in Collabor8 RNB	Input validation	Requested validation	Approval validation
GasSystemGasExportCompositionC6	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionC7	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionC8	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionC9	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionC10+	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemGasExportCompositionC10+Averag e	If reported, value must be >=0	Must be >=0				X	X
	Must be reported if "C10+" is reported.	Must be reported if "C10+" is reported.				X	X
GasSystemGasExportCompositionC10+LiquidD ensity	If reported, value must be >=0	Must be >=0				X	X
	Must be reported if "C10+" is reported.	Must be reported if "C10+" is reported.				X	X
GasSystemGasExportCompositionCO2Low	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
	If reported, value must be <="CO2Base"	Must be <="CO2Base"				X	X
			Must be reported if "CO2Base" is reported.	Please explain missing CO2Low.		X	X
GasSystemGasExportCompositionCO2High	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
	If reported, value must be >="CO2Base"	Must be >="CO2Base"				X	X
			Must be reported if "CO2Base" is reported.	Please explain missing CO2High.		X	X
GasSystemGasExportCompositionH2SLow	Must be <="H2SBase"	Must be <="H2SBase"				X	X
			Must be reported if "H2SBase" is reported.	Please explain missing H2SLow.		X	X
GasSystemGasExportCompositionH2SBase	Must be >=0	Must be >=0				X	X
			Must be reported if "PhysicalDryGas" or "PhysicalRichGas" is reported.	Please explain missing H2SBase.		X	X
GasSystemGasExportCompositionH2SHigh	Must be >="H2SBase"	Must be >="H2SBase"				X	X
			Must be reported if "H2SBase" is reported.	Please explain missing H2SHigh.		X	X
GasSystemGasExportCompositionHg	Must be >=0	Must be >=0				X	X
			Must be reported if "PhysicalDryGas" or "PhysicalRichGas" is reported.	Please explain missing Hg.		X	X
GasSystemGasExportCompositionO2	Must be >="H2SBase"	Must be >="H2SBase"				X	X
GasSystemGasExportCompositionWaterConten t	If reported, value must be >=0	Must be >=0				X	X
GasSystemCondensateDeliveryCondensateAnn ualForecastRC0-3	If reported, value must be >=0 for each year.	Must be >=0				X	X
GasSystemCondensateDeliveryCondensateAnn ualForecastRC4	If reported, sum of "CondensateAnnualForecastRC0-3" and "CondensateAnnualForecastRC4" must be >=0 for each year.	Sum of "CondensateAnnualForecastRC0-3" and "CondensateAnnualForecastRC4" must be >=0 for each year.				X	X

Data name	Hard validation rules in Collabor8 RNB	Hard validation error message in Collabor8 RNB	Soft validation rules in Collabor8 RNB	Soft validation error message in Collabor8 RNB	Input validation	Requested validation	Approval validation
GasSystemCondensateDeliveryCondensateAnnualForecastRC5	If reported, sum of "CondensateAnnualForecastRC0-3" and "CondensateAnnualForecastRC4" and "CondensateAnnualForecastRC5" must be >=0 for each year.	Sum of "CondensateAnnualForecastRC0-3" and "CondensateAnnualForecastRC4" and "CondensateAnnualForecastRC5" must be >=0 for each year.				X	X
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryRC0-3	Must be reported for years where "CondensateAnnualForecastRC0-3" is reported. Must be >=0 for each year.	EMDD must be reported for years where annual volumes are reported. Must be >=0				X	X
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC0-3	Must be reported for months in gas year(s); reporting year-1, reporting year, reporting year+1, reporting year+2 where "CondensateAnnualForecastRC0-3" is reported. Must be >=0 for each month.	EMDD must be reported for months where annual volumes are reported. Must be >=0				X X	X X
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryRC4	Must be reported for years where "CondensateAnnualForecastRC4" is reported. Sum of "CondensateExpectedMaximumDailyDeliveryYearRC0-3" and "CondensateExpectedMaximumDailyDeliveryYearRC4" must be >=0 for each year.	EMDD must be reported for years where annual volumes are reported. The sum of EMDD for RC0-3 and RC4 for a year cannot be negative.				X X	X X
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC4	Must be reported for months in gas year(s); reporting year-1, reporting year, reporting year+1, reporting year+2 where "CondensateAnnualForecastRC4" is reported. Sum of "CondensateExpectedMaximumDailyDeliveryMonthRC0-3" and "CondensateExpectedMaximumDailyDeliveryMonthRC4" must be >=0 for each month.	EMDD must be reported for months where annual volumes are reported. The sum of EMDD for RC0-3 and RC4 for a month cannot be negative.				X X	X X
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryRC5	Must be reported for years where "CondensateAnnualForecastRC5" is reported. Sum of "CondensateExpectedMaximumDailyDeliveryYearRC0-3" and "CondensateExpectedMaximumDailyDeliveryYearRC4" and "CondensateExpectedMaximumDailyDeliveryYearRC5" must be >=0 for each year.	EMDD must be reported for years where annual volumes are reported. The sum of EMDD for RC0-3, RC4 and RC5 for a year cannot be negative.				X X	X X
GasSystemCondensateDeliveryCondensateExpectedMaximumDailyDeliveryMonthRC5	Must be reported for months in gas year(s); reporting year-1, reporting year, reporting year+1, reporting year+2 where "CondensateAnnualForecastRC5" is reported.	EMDD must be reported for months where annual volumes are reported.				X	X

Data name	Hard validation rules in Collabor8 RNB	Hard validation error message in Collabor8 RNB	Soft validation rules in Collabor8 RNB	Soft validation error message in Collabor8 RNB	Input validation	Requested validation	Approval validation
	Sum of "CondensateExpectedMaximumDailyDeliveryMonthRC0-3" and "CondensateExpectedMaximumDailyDeliveryMonthRC4" and "CondensateExpectedMaximumDailyDeliveryMonthRC5" must be >=0 for each month.	The sum of EMDD for RC0-3, RC4 and RC5 for a month cannot be negative.				X	X
	If reported N2+CO2+C1+C2+C3+(i-C4)+(n-C4)+(i-C5)+(n-C5)+C6+C7+C8+C9+C10+ must be 100% ± 0,001%	The sum of N2+CO2+C1+C2+C3+(i-C4)+(n-C4)+(i-C5)+(n-C5)+C6+C7+C8+C9+C10+ is not 100% ± 0,001%. Please revise condensate composition.				X	X
GasSystemCondensateCompositionN2	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionCO2	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionC1	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionC2	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionC3	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositioni-C4	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100 Mol%.				X	X

Data name	Hard validation rules in Collabor8 RNB	Hard validation error message in Collabor8 RNB	Soft validation rules in Collabor8 RNB	Soft validation error message in Collabor8 RNB	Input validation	Requested validation	Approval validation
GasSystemCondensateCompositionn-C4	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositioni-C5	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionn-C5	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionC6	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionC7	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionC8	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionC9	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X
GasSystemCondensateCompositionC10+	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Condensate composition must be reported for years where condensate annual forecast are reported.				X	X
	If reported, value must be: 0<=value<=100 Mol%	Must be 0<=value<=100.				X	X

Data name	Hard validation rules in Collabor8 RNB	Hard validation error message in Collabor8 RNB	Soft validation rules in Collabor8 RNB	Soft validation error message in Collabor8 RNB	Input validation	Requested validation	Approval validation
GasSystemCondensateCompositionC10+Average	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported. Must be >=0	Condensate composition must be reported for years where condensate annual forecast are reported. Must be >=0				X	X
GasSystemCondensateCompositionC10+Liquid Density	Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported. Must be >=0	Condensate composition must be reported for years where condensate annual forecast are reported. Must be >=0				X	X
GasSystemCondensateCompositionH2S	Must be >=0	Must be >=0				X	X
			Must be reported if "CondensateAnnualForecastRC0-3" or "CondensateAnnualForecastRC4" or "CondensateAnnualForecastRC5" is reported.	Please explain missing condensate H2S.		X	X
GasSystemGasExportFirstGas	Must be reported if ReportingObject has Project(s) in resource classes 0-5 AND none of the profiles for "PhysicalDryGas" and "PhysicalRichGas" have values in reporting year-1 (i.e. gas export has not started for ReportingObject). Must be the same as first reported gas year "PhysicalDryGas" or "PhysicalRichGas".	Must be reported if there are no values in "PhysicalDryGas" and "PhysicalRichGas" in reporting year-1 (i.e. gas export has not started yet). There is discrepancy in timing between reported "First gas" and reported annual volumes. Has conversion from calendar year to gas year been considered?					X
GasSystemProjectResourcesOilBase	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesNglBase	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesGasLow	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesGasBase	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesGasHigh	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesCondensateBase	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProductionAndInjectionGrossGasProduction	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProductionAndInjectionNaturalGasInjection	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X

Data name	Hard validation rules in Collabor8 RNB	Hard validation error message in Collabor8 RNB	Soft validation rules in Collabor8 RNB	Soft validation error message in Collabor8 RNB	Input validation	Requested validation	Approval validation
GasSystemProductionAndInjectionGasForGasLift	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesDryGasLow	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesDryGasBase	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesDryGasHigh	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesPhysicalDryGas	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesPhysicalRichGas	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesSaleableGasCalendarYear	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesSaleableGasGasYear	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesGasPurchaseCalendarYear	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemSalesGasPurchaseSource	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesRC6-7Description	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesVolumeChangesExplanation	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesGeneralDescription	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesRC8ProspectsNames	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesRC8Description	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X
GasSystemProjectResourcesResourceExplanation	Must be the same as reported to the Norwegian Offshore Directorate	Data reported to Gassco is not same as reported to the Norwegian Offshore Directorate.					X