

# Testing receiving and sending flex messages by UFTP API

Version: June 10, 2025 [🔗](#)

## Introduction [🔗](#)

This manual describes how a company, that uses its own UFTP-implementation, can test receiving and sending flex messages. This manual is meant to inform companies on how the process and functionality works in order to create enough insight and confidence that

Testing takes place on the GOPACS acceptance environment [app.acc.gopacs.eu](http://app.acc.gopacs.eu).

## How to read the instructions [🔗](#)

The steps in the instruction manual are described in table form to clearly define the steps. The following columns are defined.

Column	Definition
Step	Order in which the steps are needed to be executed.
Description	Describes in detail what happens in the step.

## Glossary [🔗](#)

Is there a term that is unclear, the explanation is probably in our Glossary.

For Dutch the glossary is located here: [Begrippenlijst - GOPACS](#)

For English the glossary is located here: [Glossary - GOPACS](#)

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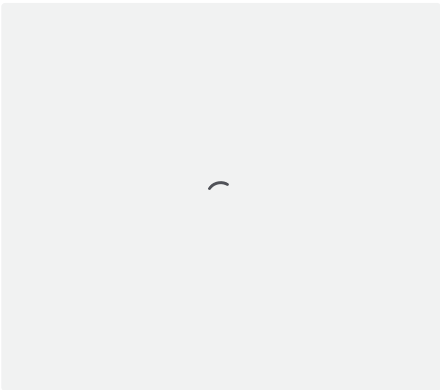
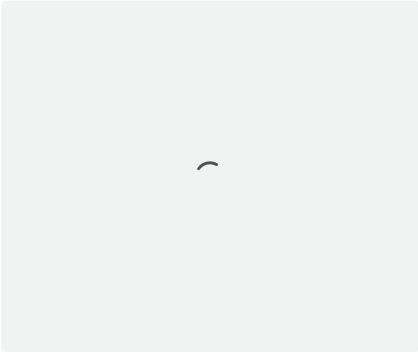
## Instructions [🔗](#)

Step	Description
1	<p>Preparation: To be able to start testing receiving and sending UFTP messages from an API implementation you will need this setup <u>on the acceptance environment</u>:</p> <ol style="list-style-type: none"><li><b>A registered trading company with an activated user account</b><ol style="list-style-type: none"><li>Start at <a href="https://app.acc.gopacs.eu/signup">https://app.acc.gopacs.eu/signup</a> and follow instructions on the page and the emails that you will receive. A signup needs to be approved (by GOPACS or a grid operator). You can ask for an signup approval in an email to the GOPACS service desk as mentioned on <a href="https://www.gopacs.eu/contact/">https://www.gopacs.eu/contact/</a></li></ol></li><li><b>Filled in UFTP settings on your <a href="#">trading company details page</a></b><ol style="list-style-type: none"><li>Instructions: Please refer to the manual <b>Company settings for participating in CLC (Capacity Limiting Contracts)</b> on <a href="#">Documents and manuals</a>.</li></ol></li><li><b>A created API client</b><ol style="list-style-type: none"><li>Instructions: Please refer to the chapter <b>Set up an API client</b> in the manual <b>Flex trading with Capacity Limiting Contracts using UFTP messages</b> on <a href="#">Documents and manuals</a>.</li></ol></li><li><b>Registered grid connection and Capacity Limiting Contract(s) for the trading company</b></li></ol>

a. Send an email to [servicedesk@edsn.nl](mailto:servicedesk@edsn.nl) and ask to create test data for you on the acceptance environment for GOPACS CLC: a grid connection and Capacity Limiting Contract(s).

When the above setup is completed, you can proceed.

- 2 Log in with the trading company user account and navigate to the Capacity Limiting Contract section via the menu. Search for the contract, then click on the contract to open its detail page. The bottom of the page has a button “Test UFTP message”. This button is only available on the acceptance environment, not on the production environment.



- 3 Click the button to open a small form which will trigger sending a flex request to your UFTP endpoint.
- You can adjust the values in this form to set a specific date and start- and end time for the flex request and you can set specific limitations per time block (ISPs). You can also choose to use the default data already filled in on the form. Then click confirm. This will trigger sending a flex request for this contract to your UFTP endpoint

### Test UFTP messages

With this form you can send a flex request for contract 123456789 via UFTP to your endpoint in order to test your implementation and settings. You can then respond to this flex request with a flexRequestResponse and a flexOffer. This will then automatically trigger a test flexOrder to complete the flex conversation. This functionality is for testing purposes only and is not available on the Production environment.

Start date and time  
28/05/2025 00:00

End date and time  
28/05/2025 23:45

	QUARTERS				HOURS				CONSTANT											
Hours	00				01				02				03				04			
Quarters	00	15	30	45	00	15	30	45	00	15	30	45	00	15	30	45	00	15		
MW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Copy																				

Expiration date and time  
27/05/2025 15:00

Cancel

Confirm

4	<p>If the flex request can't be sent, you will directly see an error at the top of the page. Possibly your companies UFTP details are not yet correctly filled in, see step 1.2</p> <p>If the flex request can be sent, you should have received it on your UFTP endpoint.</p>
5	<p>Your API can now respond to this received flexRequest message with a flexMessageResponse message and then send a flexOffer message. This will automatically trigger sending a flexOfferResponse and a flexOrder message which you can also check on your side.</p>
6	<p>If you run into an issue which you can't solve with the provided documentation, you can send an email to the GOPACS service desk as mentioned on <a href="https://www.gopacs.eu/contact/">https://www.gopacs.eu/contact/</a>.</p>

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## Technical links [🔗](#)

Step	Link	Description
1		