# Testing receiving and sending flex messages by UFTP API

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### 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 <u>app.acc.gopacs.eu</u>.

#### 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

## Instructions @

Step	Description	
1	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> :	
1. A registered trading company with an activated user account		
	a. Start at https://app.acc.gopacs.eu/signup 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>	
	2. Filled in UFTP settings on your trading company details page	

	a. Instructions: Please refer to the manual Company settings for participating in		
	CLC (Capacity Limiting Contracts) on Documents and manuals.		
	3. A created API client		
	a. Instructions: Please refer to the chapter Set up an API client in the manual Flex		
	trading with Capacity Limiting Contracts using UFTP messages on <u>Documents</u> and manuals. 4 Registered and connection and Capacity Limiting Contract(s) for the trading		
	company		
	a. Send an email to <u>servicedesk@edsn.nl</u> 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.		
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	Back to overside Cost UF 1P morages		
3	Click the button to open a small form which will trigger sending a flex request to your UFTP		
	enapoint.		
	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         via UFTP to your endpoint in order to test your implementation and settings. You can then respond to the flex request with a flex request set flex or indicated by tigger at the flex request with a flex request set flex or indicated by tigger at the flex request with a flex request set flex or indicated by tigger at the flex request in a dischereuse. This functionality is for a set flex flex or indicated by tigger at the flex request in the flex request in the flex request in the view of the flex request in the respondence of the flex request in the view of the flex request in the view of the flex request in the flex request in the flex request in the flex request in the view of the flex request in the flex request in the view of the flex request in the flex request in the view of the flex request in the flex request in the flex request in the view of the flex request in the flex request in the flex request in the view of the flex request in the flex re				
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f the flex request can't be sent, you will directly see an error at the top of the page. Possibly our companies UFTP details are not yet correctly filled in, see step 1.2				
If the flex request can be sent, you should have received it on your UFTP endpoint.				
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.				
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 <u>https://www.gopacs.eu/contact/</u> .				

# Technical links 🖉

Step	Link	Description
1		