

# DCC8012

Expanding the scope of functions  
of a DAMM TetraFlex® system



The screenshot shows the 'DCC8012 - Steward Call' interface. It features a 'Telegrams' section with a table of message logs and a 'CallOuts' section with a table of callout logs. A status indicator 'Connection established' with a green checkmark is visible in the top right of the telegrams section.

Telegrams								Connection established
Log Time	Protocol Converter	UTC Time	Unix Timestamp	Type	Message	Acknowledge	Format	Raw
07.04.2017 13:39:28	ProtocolConverter_1	07.04.2017 10:39:28	1491565168	1	Sample text	Message successfully sent !	ASCII	1;1491565168;Sample text;Message successfully sent !
07.04.2017 13:39:28	ProtocolConverter_1	07.04.2017 10:39:28	1491565168	1	Sample text	Message successfully sent !	ASCII	1;1491565168;Sample text;Message successfully sent !
07.04.2017 13:39:28	ProtocolConverter_1	07.04.2017 10:39:28	1491565168	1	Sample text	Message successfully sent !	ASCII	1;1491565168;Sample text;Message successfully sent !
07.04.2017 13:39:28	ProtocolConverter_1	07.04.2017 10:39:28	1491565168	1	Sample text	Message successfully sent !	ASCII	1;1491565168;Sample text
07.04.2017 13:34:50	ProtocolConverter_1	07.04.2017 10:34:50	1491564890	1	Sample text	Message successfully sent !	ASCII	1;1491564890;Sample text;Message successfully sent !
07.04.2017 13:34:49	ProtocolConverter_1	07.04.2017 10:34:50	1491564890	1	Sample text	Message successfully sent !	ASCII	1;1491564890;Sample text;Message successfully sent !
07.04.2017 13:34:49	ProtocolConverter_1	07.04.2017 10:34:50	1491564890	1	Sample text	Message successfully sent !	ASCII	1;1491564890;Sample text
07.04.2017 13:34:22	ProtocolConverter_2	07.04.2017 10:34:09	1491564849	3	Sample text	Service is on the way !	JSON	{"Type": "3", "Unix": "1491564849", "Message": ""} Sample text
07.04.2017 13:34:08	ProtocolConverter_2	07.04.2017 10:34:09	1491564849	2	Sample text		JSON	{"Type": "2", "Unix": "1491564849", "Message": ""} Sample text

  

CallOuts					
Log Time	Protocol Converter	Destinations / Recipients	Message	Severity	Clear Time
07.04.2017 13:39:28	ProtocolConverter_1	2991201 (INDIVIDUAL) / 2991203 (INDIVIDUAL) / 2991202 (INDIVIDUAL)	Sample text	15	00:00:30
07.04.2017 13:34:49	ProtocolConverter_1	2991201 (INDIVIDUAL) / 2991203 (INDIVIDUAL) / 2991202 (INDIVIDUAL)	Sample text	15	00:00:30
07.04.2017 13:34:22	ProtocolConverter_2	2991201 (INDIVIDUAL) / 2991203 (INDIVIDUAL) / 2991202 (INDIVIDUAL)	Steward 03 is on the way !	15	00:00:10
07.04.2017 13:34:22	ProtocolConverter_2	2991203	Accept		
07.04.2017 13:34:08	ProtocolConverter_2	2991201 (INDIVIDUAL) / 2991203 (INDIVIDUAL) / 2991202 (INDIVIDUAL)	Sample text	15	00:00:30

Fig. user interface DCC8012

## Application

The DCC8012 receives messages and automatically sends alertings via CallOut to radio subscribers, e.g. personnel on a ship. By supporting different formats and with its easy message structure, it can process messages from different sources and transmit them in a standardized formatting. The DCC8012 receives messages in the ASCII, JSON and XML format, converts them and transmits them as CallOuts to the radios of the ship personnel. In addition to the regular CallOuts, the DCC8012 can also send so called Steward Calls. When the feature Steward Call is used, a second CallOut is sent to the group after the first CallOut with additional information regarding the acceptance of the CallOut.

The DCC8012 establishes a connection to a DAMM TetraFlex® system in order to send and receive the CallOuts.

- The message or CallOut workflow is saved in so called protocol converters
- Delivery on an application server is possible, also in combination with other applications from ATS Elektronik GmbH, e.g. the RUA8014

## Technical Specification

- Configuration via a XML file
- Runs in conjunction with a DAMM TetraFlex® system
- Supported formats: ASCII, JSON, XML
- Supported protocols: UDP, TCP
- Number of protocol converters and CallOut destinations depends on license

## Features

- Receiving messages in different formats and transmitting the payload as a CallOut
- Sending acknowledgements of receipt automatically
- Overview of all incoming and outgoing messages in the user interface

