

Knowledge Base Article

Product Group: MARLIN I-Pro **Product:** CMVL 8000 - WMCD **Version:** N/A

Abstract

There is a CMVL8000 utility called **WMCD Tester** which is used as an engineering test tool for the purpose of testing communication with a WMCD unit. This article provides instructions on how to use the tool and also provides the tool itself as an attachment to this article.

Overview

The utility can be downloaded from the Attachments section located to the right of this article. [Figure 1]



To use the WMCD Tester tool, follow the steps below:

- 1. Download the attached zip file and extract the contents onto a PC.
 - This utility requires a supported Bluetooth radio on the PC being used.



- 2. Run the **DesktopWMCD.exe** file by double clicking on it.
- 3. Go to **File > List Devices**. [Figure 2] This will perform a search for any nearby devices and list them under **Discovered Devices**.

WMCD Tester						
File	Command					
List Devices						
	Connect					
	Disconnect					
	Clear Status					
	Exit					
	Selected Device:	DEFAULT				
	New Name:	DEFAULT				
	Status:					



Figure 2. File > List Devices menu

 Next, highlight the device in the list and use File > Connect to establish a connection to the selected wireless device. The communication progress will be displayed under Status. [Figure 3]

	WMCD Tester -	. 🗆 🗙
File Comma	nd	
Controls Data		
Discovered D	evices:	
ENG00845		
Selected Dev	ce: ENG00845	
New Name:	ENG00845	
Status:		
Processing .		
Sending 0x3 Ticks: 4618	3 Packet to WMCD in WritePacketToWMCD() ns in RetumPacketData()	
Settled Data	0 Deg 0 g 0 mm/s	
Done		
Save Spe	ctral Data	
Fi	gure 3. Status of device communication	

SKF Reliability Systems 5271 Viewridge Court * San Diego, California, 92123 USA Telephone 1-800-523-7514 Web: www.skf.com



5. WMCD querying and configuring options are available under the **Command** menu. [Figure 4]

WMCD Tester										
File	Con	nmand								
Con	Cont Query Wi		MCD	•		Get Device Details				
D		Configure	•	•		Get Immediate Values				
	Shutdown				Get Settled Only					
		Read Temperature		•		Get Settled with FFT				
						Get Stud ID				
Selected Device:			DEFAULT							
New Name:			DEFAULT							
Figure 4. Command menu										

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at <u>TSG-Americas@skf.com</u>.