

Standard Screen  
Cycle Time Display

Sample Screen Manual

Mitsubishi Electric Corporation

## Using the Samples

---

The sample screen data and files such as the instruction manual can be used upon agreement to the following matters.

- (1) This data is available for use by customers currently using or considering use of Mitsubishi products.
- (2) The intellectual property rights of the files provided by Mitsubishi (hereinafter referred to as the "Files") belong to Mitsubishi.
- (3) Alteration, reproduction, transfer or sales of the Files is prohibited.  
This does not apply when the content, in part or full, is used for Mitsubishi products incorporated in a device or system created by the customer. Furthermore, this does not apply to the transfer, reproduction, reference or change of layout in the specifications, designs or instruction manuals of built-in products prepared by the customer using Mitsubishi products.
- (4) Mitsubishi will not be held liable for any damages resulting from the use of the Files or the data extracted from the Files. The customer is responsible for all use.
- (5) If any usage conditions are appended to the Files, those conditions must be observed.
- (6) The Files may be deleted or the contents changed without prior notice.
- (7) When using the Files, please always read the corresponding manuals and related manuals indicated therein. Please pay special attention to safety, and correctly handle the product.

**CONTENTS**

---

REVISIONS .....4

1. OUTLINE.....5

    1.1 Reusing Standard Screen Samples .....5

2. SYSTEM CONFIGURATION .....5

3. GOT.....5

    3.1 System Applications That Are Automatically Selected .....5

    3.2 Controller Setting of Screen Design Software.....5

    3.3 Ethernet Setting of Screen Design Software.....5

4. SCREEN SPECIFICATIONS .....6

    4.1 Display Language.....6

    4.2 Screen List/Transition.....6

    4.3 Explanation of Screens.....7

        4.3.1 Cycle Time 1(B-30001) .....7

        4.3.2 Cycle Time 2(B-30002) .....8

    4.4 Device List .....9

    4.5 Comment List .....9

5. TEMPLATES .....10

## REVISIONS

---

### Sample Screen Manual

Date	Control No.*	Description
2014/8	BCN-P5999-0307	First edition

\* The Control No. is noted at the lower right of each page.

### Project Data

Date	Project data	GT Designer3*	Description
2014/8	Cycle-Time_V_Ver1_E.GTX	1.117X	First edition

\* The version number of screen design software used to create the project data is listed. Please use the screen design software with the listed version or later.

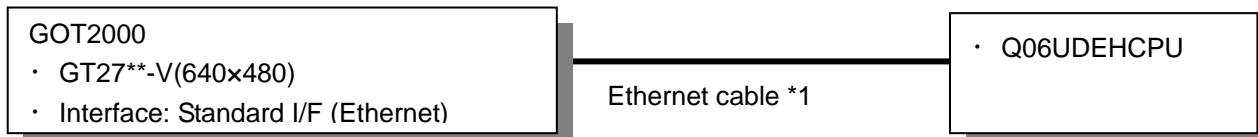
## 1. OUTLINE

This manual explains the sample screens of GOT2000 connected to a MELSEC-Q Series PLC (Q06UDEHCPU) via Ethernet, which can be used to display the cycle time for each process.

### 1.1 Reusing Standard Screen Samples

Standard screen samples include multiple patterns of screens that can be used by the customers depending on the intended use. Screens should be reused for the customers screen data by using [Utilize Data (Screen)]. For more details about [Utilize Data (Screen)], please refer to the "GT Designer3 (GOT2000) Help".

## 2. SYSTEM CONFIGURATION



\*1: For more details about the cable, please refer to the "GOT2000 Series Connection Manual (Mitsubishi Products)".

## 3. GOT

### 3.1 System Applications That Are Automatically Selected

Type	System application name		
Standard Function	Standard System Application		
	Standard Font	Japanese	
Communication Driver	Ethernet Connection	Ethernet(MELSEC), Q17nNC, CRnD-700, Gateway	
Extended Function	Standard Font		Chinese (Simplified)
			Alphanumeric/Kana
	Outline Font	Gothic	Japanese (Kanji)
			Chinese (Simplified)

### 3.2 Controller Setting of Screen Design Software

#### Detail Setting

Item	Set value	Remarks
GOT NET No.	1	
GOT Station	2	
GOT Standard Ethernet Setting	Refer to table below	
GOT Communication Port No.	5001	
Retry (Times)	3	
Startup Time (Sec)	3	
Timeout Time (Sec)	3	
Delay Time (ms)	0	

#### GOT Standard Ethernet Setting

Item	Set value	Remarks
Reflect GOT Standard Ethernet setting in the GOT	Checked	
GOT IP Address	192.168.3.18	
Subnet Mask	255.255.255.0	
Default Gateway	0.0.0.0	
Peripheral S/W Communication Port No.	5015	
Transparent Port No.	5014	

### 3.3 Ethernet Setting of Screen Design Software

	Host	Net No.	Station	Unit Type	IP Address	Port No.	Communication
1	*	1	1	QnUD(P)V/QnUDEH	192.168.3.39	5006	UDP




## 4. SCREEN SPECIFICATIONS

### 4.1 Display Language

The language of the text displayed on the screen can be switched between Japanese, English and Chinese (Simplified). The text strings in each language are registered in the columns No.1 to No.3 in the comment groups No.361 and No.362 as shown below. When the column No. is set in the language switching device, the language corresponding to the column No. will appear.

Column No.	Language
1	English
2	Japanese
3	Chinese (Simplified)

### 4.2 Screen List/Transition

Cycle Time Display			
			
			
Process Name	Time (S)	Process Name	Time (S)
Process 01	1234.5	Process 11	1234.5
Process 02	1234.5	Process 12	1234.5
Process 03	1234.5	Process 13	1234.5
Process 04	1234.5	Process 14	1234.5
Process 05	1234.5	Process 15	1234.5
Process 06	1234.5	Process 16	1234.5
Process 07	1234.5	Process 17	1234.5
Process 08	1234.5	Process 18	1234.5
Process 09	1234.5	Process 19	1234.5
Process 10	1234.5	Process 20	1234.5
Cycle Time Display			Back

Base screen B-30001: Cycle Time 1

Cycle Time Display



Process Name	Present	1st Previous	2nd Previous	3rd Previous	4th Previous	5th Previous
Process 01	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 02	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 03	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 04	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 05	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 06	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 07	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 08	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 09	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 10	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5

Cycle Time Display

Back

Base screen B-30002: Cycle Time 2

### 4.3 Explanation of Screens

#### 4.3.1 Cycle Time 1(B-30001)



#### Outline

This screen displays the present cycle time for each process.

#### Description

1. Displays the cycle time for each process.
2. The switch indicates the currently displayed screen, thus selecting this switch will not switch screens.
3. Shows unused switches for base screen switching.
4. Switches to the previously opened screen.
5. Switches languages.

#### Remarks

- To the switches marked with No.5, settings are made to switch system languages in conjunction with the change of the display language.

### 4.3.2 Cycle Time 2(B-30002)

Process Name	Present	1st Previous	2nd Previous	3rd Previous	4th Previous	5th Previous
Process 01	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 02	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 03	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 04	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 05	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 06	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 07	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 08	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 09	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5
Process 10	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5

#### Outline

This screen displays the present cycle time and the cycle time of the past 5 times for each process.

#### Description

1. Displays the present cycle time and the cycle time of the past 5 times for each process.
2. The switch indicates the currently displayed screen, thus selecting this switch will not switch screens.
3. Shows unused switches for base screen switching.
4. Switches to the previously opened screen.
5. Switches languages.

#### Remarks

- To the switches marked with No.5, settings are made to switch system languages in conjunction with the change of the display language.
- Please create the ladder program which displays the cycle time of the past 5 times for each process.



## 4.4 Device List

Some of the devices specified to the on-screen switches and lamps, etc., are also used for common settings of functions such as scripts. Using [Batch Edit] is recommended to change these devices in a batch. For more details about using [Batch Edit], please refer to the "GT Designer3 (GOT2000) Help".

### 4.4.1 Devices of the controller

Type	Device No.	Application
Bit	Not used	
Word	D0 to D79	Cycle Time For Monitoring

### 4.4.2 GOT internal devices

Type	Device No.	Application
Bit	Not used	
Word	GD60000	Base Screen Switching
	GD60021	Language Switching
	GD60022	System Language Switching

## 4.5 Comment List

Comment group No.	Where comments are used
361	B-30001
362	B-30002

## 5. TEMPLATES

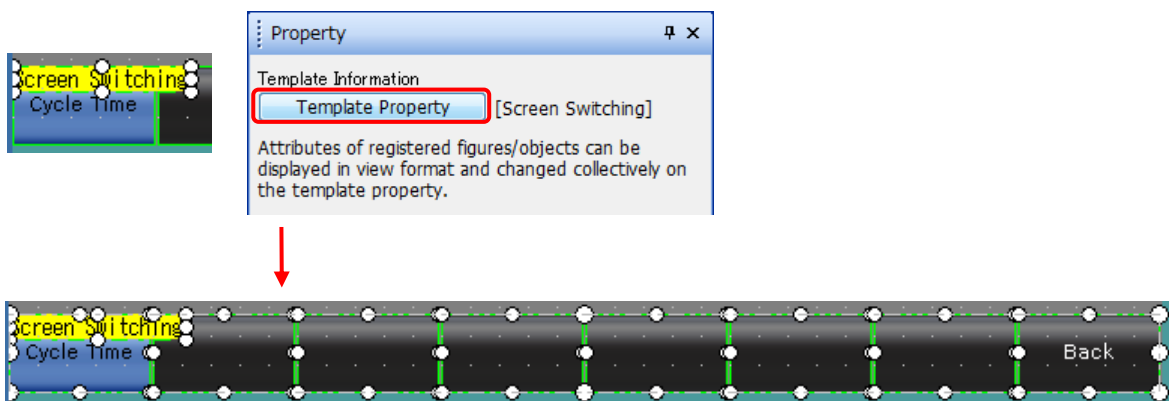
Templates are a group of figures and objects. Related settings are grouped into template attributes and registered, so the devices and colors, etc. can be easily changed in a batch. For more details about changing the attribute settings, please refer to the "GT Designer3 (GOT2000) Help".



The template information is only displayed on the screen design software's editing screen. It is not displayed on the GOT display screen.

Example: Changing the color of switches (Each Screen)

(1) Select [Template Information], and click on [Template Property] (or double-click [Template Information]).



The figures and objects that are registered in the template are changed to the selected state.

(2) Double-click on [Setting Value] of [Switch(Each Screen)\_Shape Color], and select the new color.

