

## Sales and Service

### Lack of Describing Buffer Memory Addresses in the FX5 Simple Motion Module User's Manual

Thank you for your continued patronage of the Mitsubishi servo system controllers and Mitsubishi Electric FA products.

Some buffer memory addresses have not been described in the MELSEC iQ-F FX5 Simple Motion Module User's Manual. For the details, refer to the following. We ask for your understanding in this matter.

#### 1. Target Manual

MELSEC iQ-F FX5 Simple Motion Module User's Manual (Advanced Synchronous Control)  
IB-0300255-C

#### 2. Details

In "Appendix 1 List of Buffer Memory Addresses (for Synchronous Control)" of the above manual, some buffer memory addresses have not been described in the "Command generation axis monitor data" on page 145 and "Command generation axis control data" on page 146. These undescribed buffer memory addresses of each data are listed in the following pages. Refer to the lists together with the manual.

#### 3. Schedule

The revised manual will be issued in March 2016.

<b>Date of issue</b>	February 2016	<b>Title</b>	Lack of Describing Buffer Memory Addresses in the FX5 Simple Motion Module User's Manual	Mitsubishi Electric Corp., Nagoya Works 1-14, Yada-minami 5-chome, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line
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## Command generation axis monitor data

n: Axis No. - 1

Memory area	Item		Buffer memory address	
Command generation axis monitor data	[Md.20]	Feed current value	60900+120n 60901+120n	
	[Md.22]	Feedrate	60904+120n 60905+120n	
	[Md.23]	Axis error No.	60906+120n	
	[Md.24]	Axis warning No.	60907+120n	
	[Md.25]	Valid M code	60908+120n	
	[Md.26]	Axis operation status	60909+120n	
	[Md.27]	Current speed	60910+120n 60911+120n	
	[Md.28]	Axis feedrate	60912+120n 60913+120n	
	[Md.29]	Speed-position switching control positioning movement amount	60914+120n 60915+120n	
	[Md.31]	Status	60917+120n	
	[Md.32]	Target value	60918+120n 60919+120n	
	[Md.33]	Target speed	60920+120n 60921+120n	
	[Md.38]	Start positioning data No. setting value	60929+120n	
	[Md.39]	In speed limit flag	60930+120n	
	[Md.40]	In speed change processing flag	60931+120n	
	[Md.42]	Control system repetition counter	60933+120n	
	[Md.44]	Positioning data No. being executed	60935+120n	
	[Md.46]	Last executed positioning data No.	60937+120n	
	[Md.47]	Positioning data being executed	Positioning identifier	60938+120n
			M code	60939+120n
			Dwell time	60940+120n
			Command speed	60942+120n 60943+120n
			Positioning address	60944+120n 60945+120n
	[Md.48]	Deceleration start flag	60999+120n	
	[Md.122]	Speed during command	60992+120n 60993+120n	
	[Md.141]	Command generation axis BUSY signal	61004+120n	
	[Md.345]	Command generation axis accumulative current value	61000+120n 61001+120n	
[Md.347]	Command generation axis current value per cycle	61002+120n 61003+120n		

The buffer memory addresses which have not been described are enclosed in

## Command generation axis control data

n: Axis No. - 1

Memory area	Item	Buffer memory address	
Command generation axis control data	[Cd.3]	Positioning start No.	61860+128n
	[Cd.5]	Axis error reset	61862+128n
	[Cd.6]	Restart command	61863+128n
	[Cd.7]	M code OFF request	61864+128n
	[Cd.9]	New current value	61866+128n 61867+128n
	[Cd.10]	New acceleration time value	61868+128n 61869+128n
	[Cd.11]	New deceleration time value	61870+128n 61871+128n
	[Cd.12]	Acceleration/deceleration time change value during speed change, enable/disable	61872+128n
	[Cd.13]	Positioning operation speed override	61873+128n
	[Cd.14]	New speed value	61874+128n 61875+128n
	[Cd.15]	Speed change request	61876+128n
	[Cd.17]	JOG speed	61878+128n 61879+128n
	[Cd.18]	Interrupt request during continuous operation	61880+128n
	[Cd.23]	Speed-position switching control movement amount change register	61886+128n 61887+128n
	[Cd.24]	Speed-position switching enable flag	61888+128n
	[Cd.27]	Target position change value (New address)	61894+128n 61895+128n
	[Cd.28]	Target position change value (New speed)	61896+128n 61897+128n
	[Cd.29]	Target position change request flag	61898+128n
	[Cd.40]	ABS direction in degrees	61910+128n
	[Cd.46]	Speed-position switching command	61927+128n
	[Cd.180]	Axis stop	61960+128n
	[Cd.181]	Forward run JOG start	61961+128n
	[Cd.182]	Reverse run JOG start	61962+128n
	[Cd.184]	Positioning start signal	61964+128n
	[Cd.300]	Command generation axis parameter No. designation	61970+128n
	[Cd.301]	Command generation axis parameter setting value	61972+128n 61973+128n
	[Cd.302]	Command generation axis parameter control request	61971+128n
	[Cd.303]	Command generation axis positioning data No. designation	61974+128n
	[Cd.304]	Command generation axis positioning data designation	61975+128n
	[Cd.305]	Command generation axis positioning data setting value	61976+128n 61977+128n
	[Cd.306]	Command generation axis positioning data control request	61978+128n

The buffer memory addresses which have not been described are enclosed in

