

# Command: ALW-SWDX-EQPT

Message category: Network Maintenance  
Application: Add/Drop, Rings

## Definition:

Allow duplex switching of equipment.

## Restrictions:

All parameters in this command are position-defined.

## Function:

To allow automatic or manual duplex switching of equipment.

## Command Format:

ALW-SWDX-EQPT:[tid]:aideqpt:[ctag][::];

Command Parameters	
PARAMETER	EXPLANATION
[tid]	Identification of the target NE (1...20 characters). The NE SID code is the recommended value. The default value is null.
aideqpt	Access identification code that identifies an equipment entity with duplex switching capability. Grouping is allowed. The value can be preceded by AID=, but this is not required. Enter one of the following formats, replacing lowercase parameters with the values given: pba Common unit  where: pba = NEP, CLK, VSCC dgx-DMI DMI unit  where: dgx = DG1, DG2, DG3 dgx-LIF LIF unit  where: dgx = DG1, DG2, DG3 dgx-LDR-ldrport LDR units  where: dgx = DG1, DG2, DG3 ldrport = 1...4 ALL All of the above
[ctag]	Correlation tag (1...6 characters) that links an

	input command with associated output responses. The default is 0.
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## Response Format:

### Acknowledgment:

If, in less than 2 seconds, a normal or error response cannot be sent, the following acknowledgment response is sent:

```
IP <ctag>
```

After the above response, a new command input may be generated.

### Normal Response:

```
sid yy-mm-dd hh:mm:ss
M c COMPLD
/* ALW-SWDX-EQPT:[tid]:aideqpt:[ctag] [::] */
;
```

### Error Response:

```
sid yy-mm-dd hh:mm:ss
M c DENY
/* ALW-SWDX-EQPT:[tid]:aideqpt:[ctag] [::] */
errcde
;
```

Response Parameters	
PARAMETER	EXPLANATION
sid	Source NE identification
yy-mm-dd	Year (2 digits), month, and day
hh:mm:ss	Hour (00...23), minute, and second
M	Message generated in response to an input command
c	If provided, ctag, otherwise 0
COMPLD	Completed
DENY	Input command is denied
/* */	Enclosed are human readable comments - unspecified format
errcde	Error code (See Appendix <a href="#">C</a> )

### Example:

Enable duplex switching of the clock (CLK) unit.

**ALW-SWDX-EQPT:RALGH:CLK:25;**

```
RALGH 99-11-23 12:50:30
```

```
M 25 COMPLD
/* ALW-SWDX-EQPT:RALGH:CLK:25 */
;
```

## **Related Commands:**

[INH-SWDX-EQPT](#)  
[SW-DX-EQPT](#)