

TopLayer IPS5500/Shore SM-240xC Configs

**** 10/100 TL PORT CASE ONLY ****

SHORE SETTINGS (PxGET CONFIG) *Note: See Appendix A for Command Syntax*

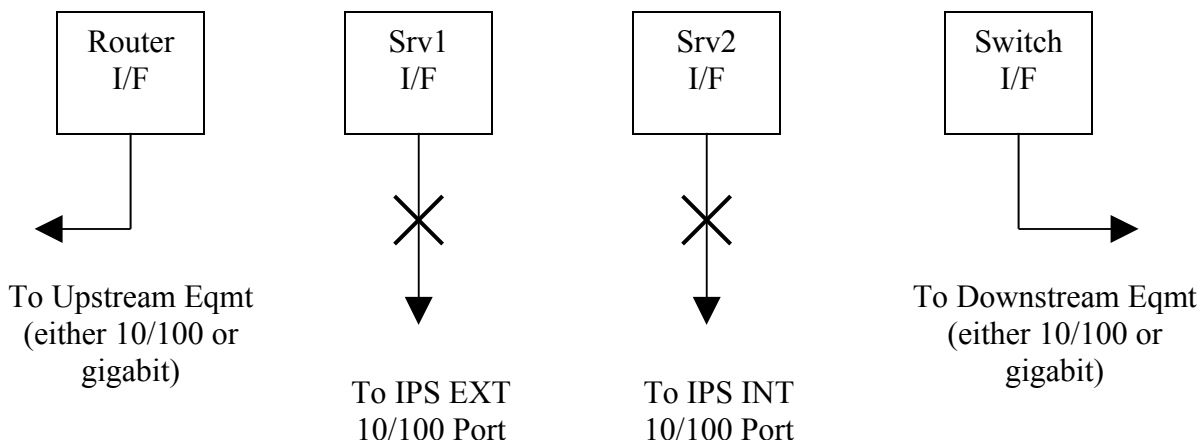
MODE	3
BUZZER	DISABLED
BUZZER CYCLE	CONTINUOUS
AUTONEGOTIATION	ENABLED
GIGABIT	DISABLED
FRONT PANEL	ENABLED
LINK FILTER	3.5
Switch Time Bypass	0.0
Switch Time Online	10.0

TOP LAYER SETTINGS

- TL ports set for Auto/100FDX/etc. consistent with Upstream and Downstream equipment ports.
- Bypass mode = "Bypass During Reset" (without this setting the SM-240xC will not automatically go online). To temporarily go online using the "Bypass Always" mode for network traffic tuning/observation, do the following:
 - Issue the following SM-240x commands: PxDISABLE<cr>, PxONLINE<cr> where x is the port number and <cr> is the Enter key. This will hold the SM-240x in the ONLINE mode and forcefully route all traffic to the IPS. Power cycle the SM-240x to resume normal operation.

CABLE DIAGRAM ("X" is for crossover cable)

Note: For 10/100 cases, it is **MANDATORY** that the proper use of crossover/straight cables be observed. For example, if the Router I/F is for some reason connected to a switch interface rather than a router (e.g. NIC-type), then a crossover cable is required.



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**** TL COPPER GBIC CASE ONLY ****

SHORE SETTINGS (PxGET CONFIG) *Note: See Appendix A for Command Syntax*

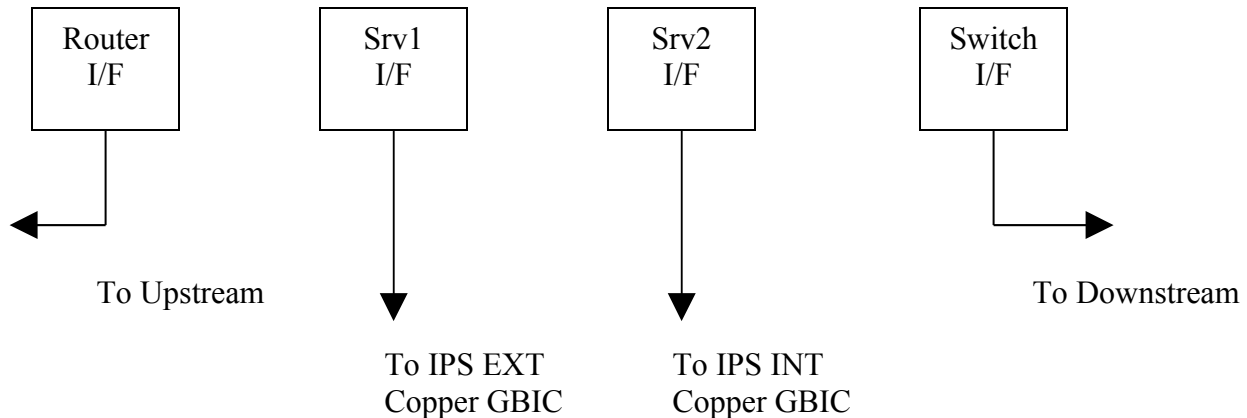
MODE	3
BUZZER	DISABLED
BUZZER CYCLE	CONTINUOUS
AUTONEGOTIATION	ENABLED
GIGABIT	ENABLED
FRONT PANEL	ENABLED
LINK FILTER	1.6
Switch Time Bypass	0.0
Switch Time Online	10.0

TOP LAYER SETTINGS

- Ports set for 1000FDX (Autosense is not a selectable option for TL copper GBICS)
- Bypass Mode = Any

CABLE DIAGRAM

NOTE: Any type of cable (straight or crossover is acceptable)



Appendix A: SM-240xC (Copper) Command Syntax

The following commands configure a SM-240xC for multiport 10/100 operation.

Differences for Gigabit Copper GBIC cases are indicated as necessary. The commands should be entered in the sequence shown. Do not be concerned about any unusual characters that may be echoed initially since what happens depends on the options that are in effect at the beginning of the procedure. *Note that the "PASET" prefix is one continuous string of characters without any intervening spaces.*

```
SET ECHO ENA
SET MULTIP ENA
PASET ECHO ENA
PASET GIG DIS (use PASET GIG ENA for gigabit copper GBIC case)
PASET MODE 3
PASET FILTER 3.5 (use PASET FILTER 1.6 for gigabit copper GBIC case)
PASET TIMER ONLINE 10.0
PASAVECON
PAREBOOT
```

You can use the P1GET CONFIG , P2GET CONFIG, P3GET CONFIG, and P4GET CONFIG commands to verify configuration settings of each port installed on the unit.