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Software Quick Start Manual

For

Board Products

Version 1.0 February 1999

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TABLE OF CONTENTS

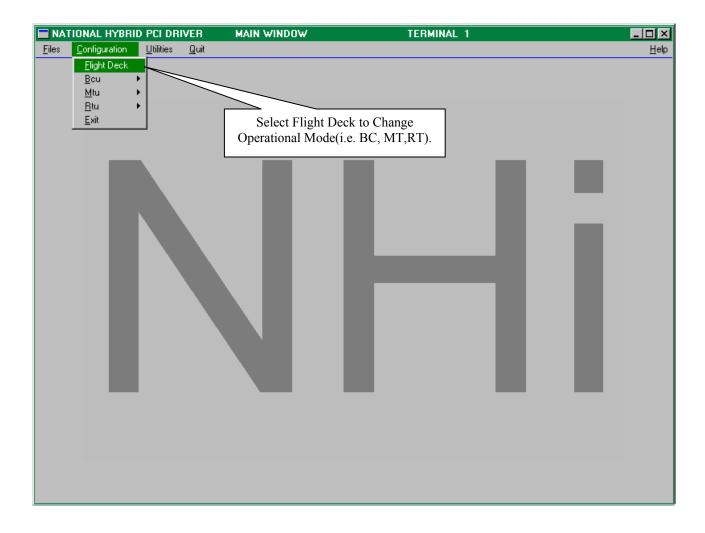
FLIGHT DECK			•	•	•	•	•	3
REMOTE TERMI	NAL GUI'S							
	POINTERS			•	•		•	6
	MESSAGES			•	•		•	6 8 9
	REGISTERS			•	•		•	9
	OPTIONS	•		•	•		•	10
	INTERRUPT	ACKNO	WLEDG	E .	•	•	•	12
BUS CONTROLL	ER GUI'S							
	FRAMES AN	D POINT	ERS	•	•	•	•	14
	MESSAGES			•	•		•	15
	MESSAGES V	WITH ST	ATUS D	ETAIL	\mathbf{s} .		•	16
	OPTIONS			•	•		•	17
	INTERRUPT	ACKNO	WLEDG	E .	•	•	•	19
MESSAGE MONI	TOR GUI'S							
	FRAMES AN	D POINT	ERS	•	•		•	21
	MESSAGES		•	•	•		•	22
	ADDRESS FI	LTER .	•	•	•	•	•	23
WORD MONITOI	R GUI'S							
	DATA BLOC	K CONFI	GURAT	TON	•		•	25
	WORD STOR	RAGE .	•	•	•	•	•	26
MONITOR OPTIO	ONS .		•	•	•	•		27

NHi BOARD SOFTWARE QUICK START

This document provides a Quick Start for users of NHi board software. A Quick Start is illustrated for each of the three modes of operation(i.e. BC, RT and MT).

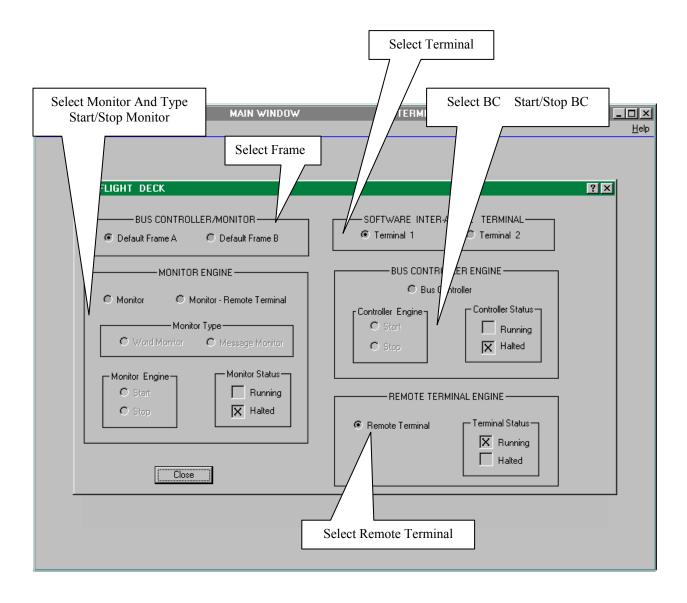
The built-in HELP can then be used for further explanations of the software.

This document assumes the user has some knowledge of the NHi-15XXX parts on the board. The appropriate manual should be at hand.



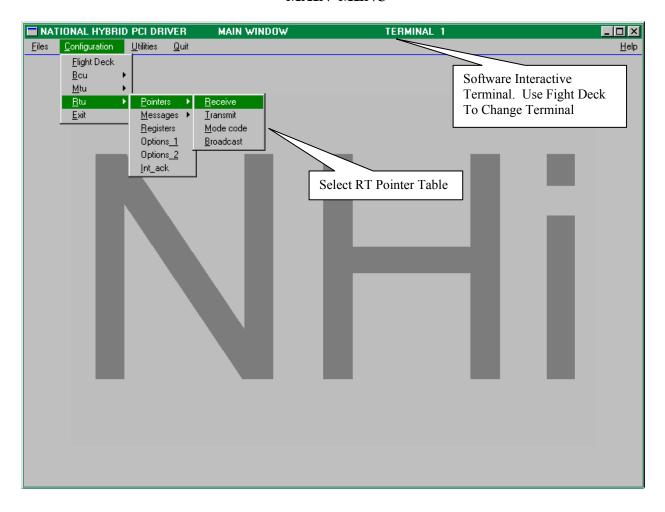
FLIGHT DECK CONFIGURATION

Use the Flight Deck to configure the board operation. Remote Terminal is the default mode.

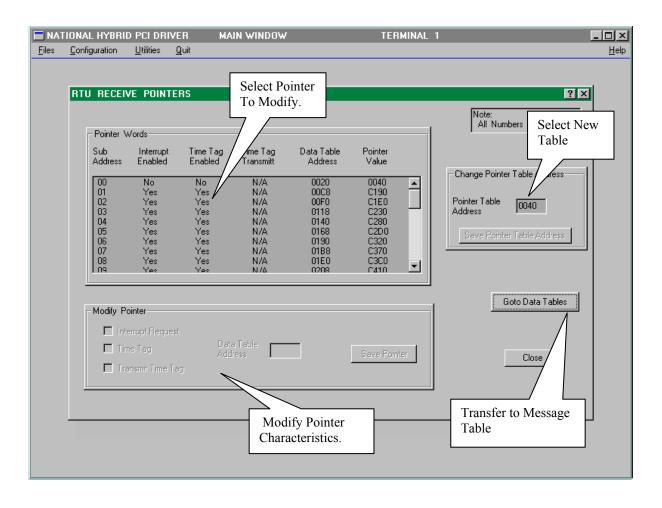


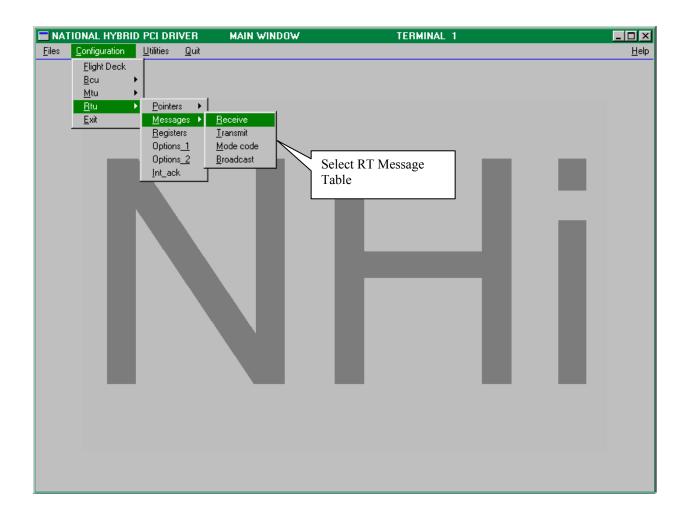
REMOTE TERMINAL QUICK START

When the software boots up, it initializes the board and puts it into the RT mode. Use the following Remote Terminal Mode Screen-Shots as a road map.

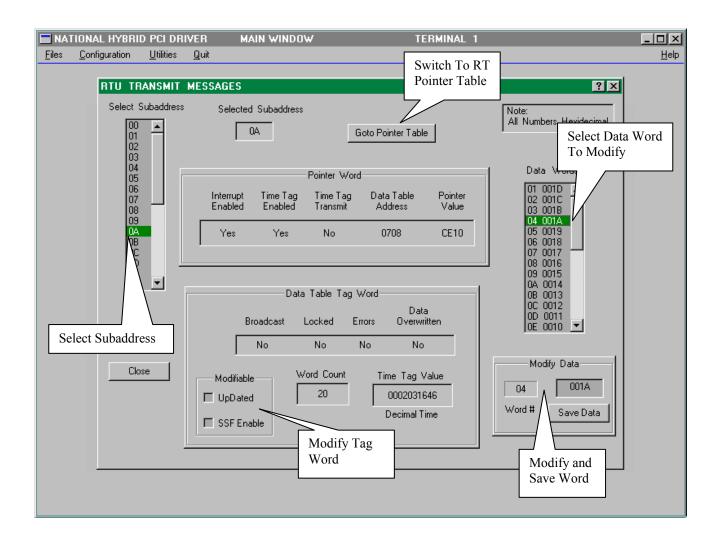


REMOTE TERMINAL POINTER TABLE

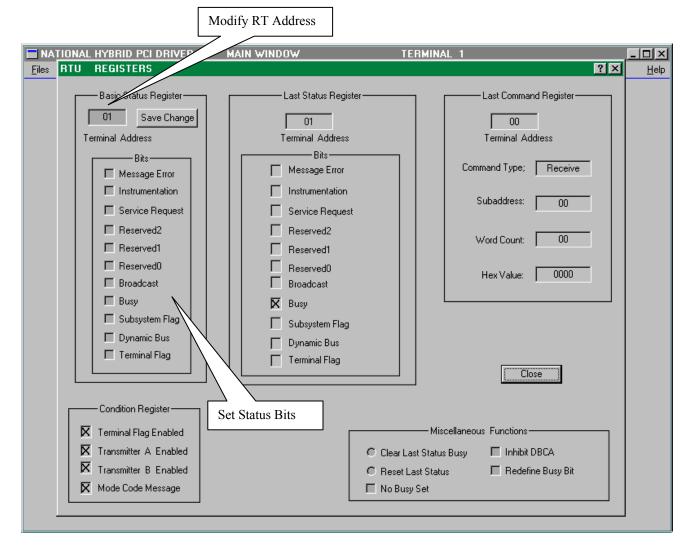




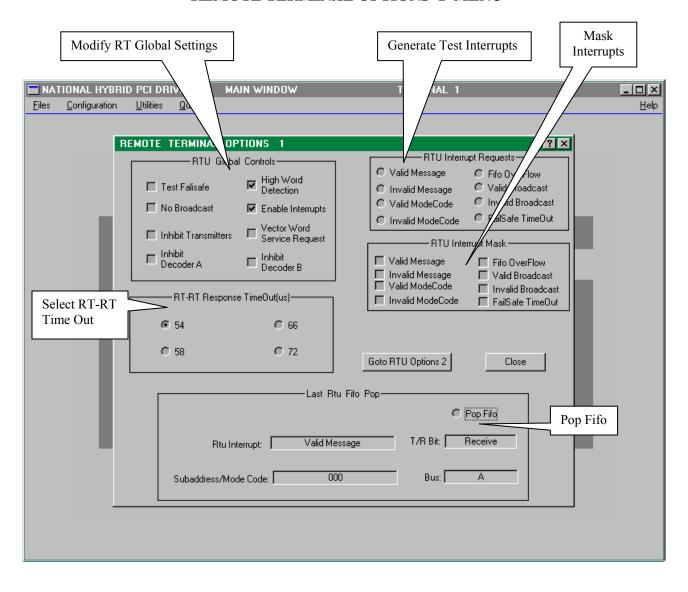
REMOTE TERMINAL MESSAGE TABLE



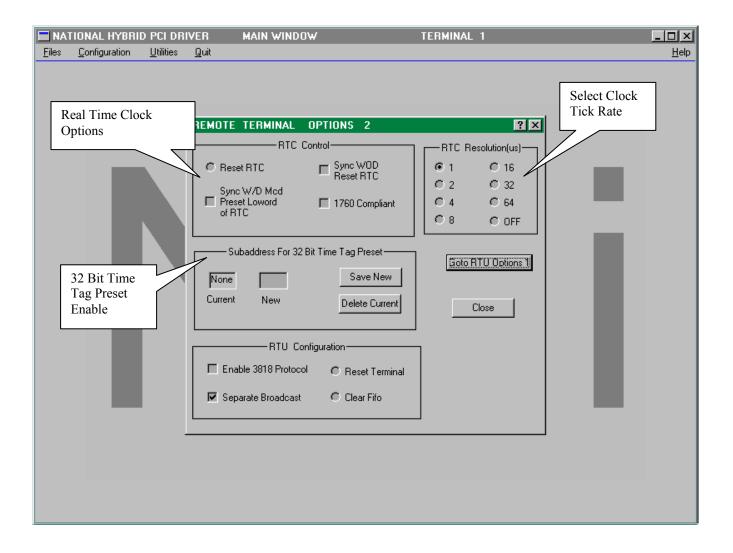
REMOTE TERMINAL REGISTERS AND MISCELLANEOUS FUNCTIONS



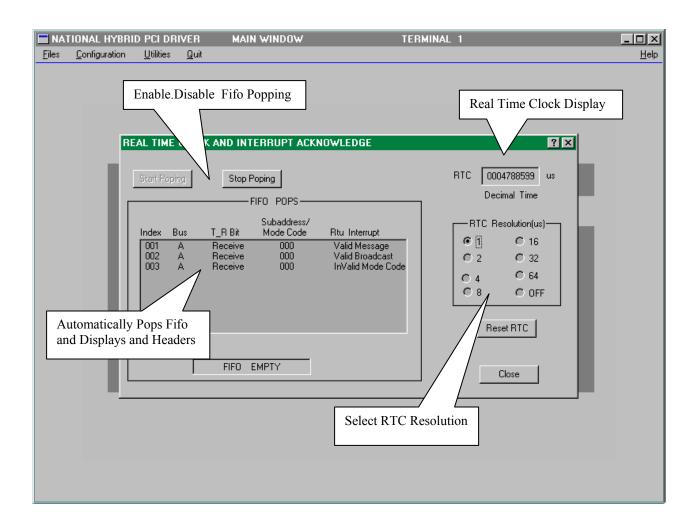
REMOTE TERMINAL OPTIONS 1 MENU



REMOTE TERMINAL OPTIONS 2 MENU

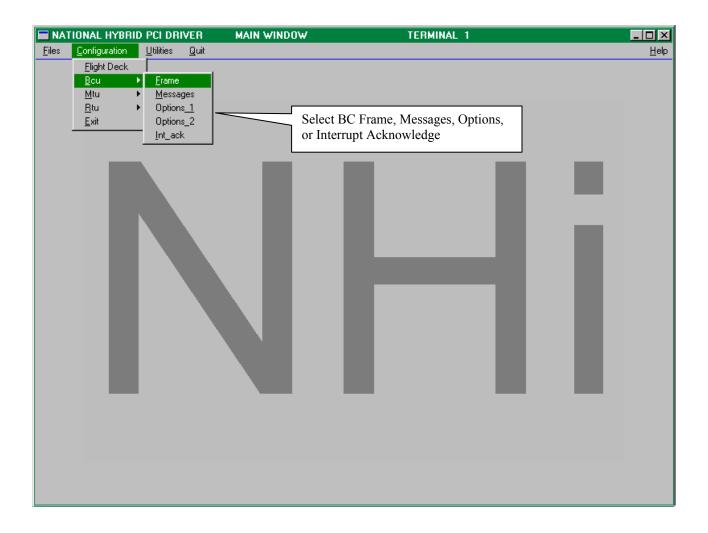


REMOTE TERMINAL INTERRUPT ACKNOWLEDGE AND RTC DISPLAY

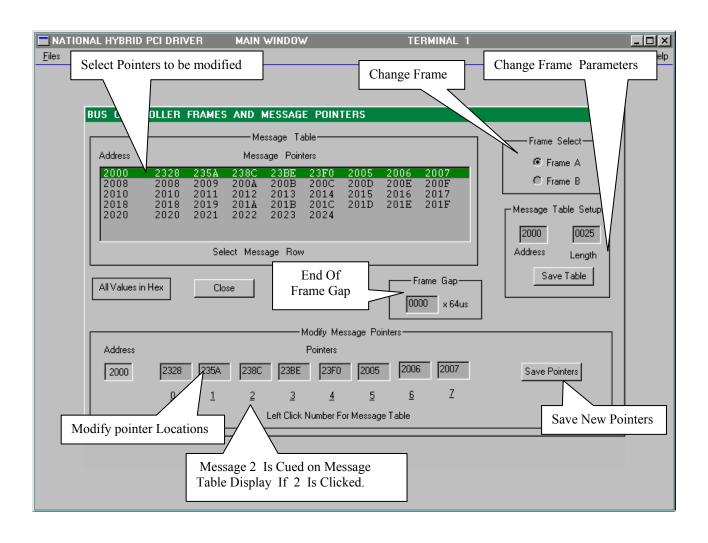


BUS CONTROLLER QUICK START

Use the following Bus Controller Mode Screen-Shots as a road map.

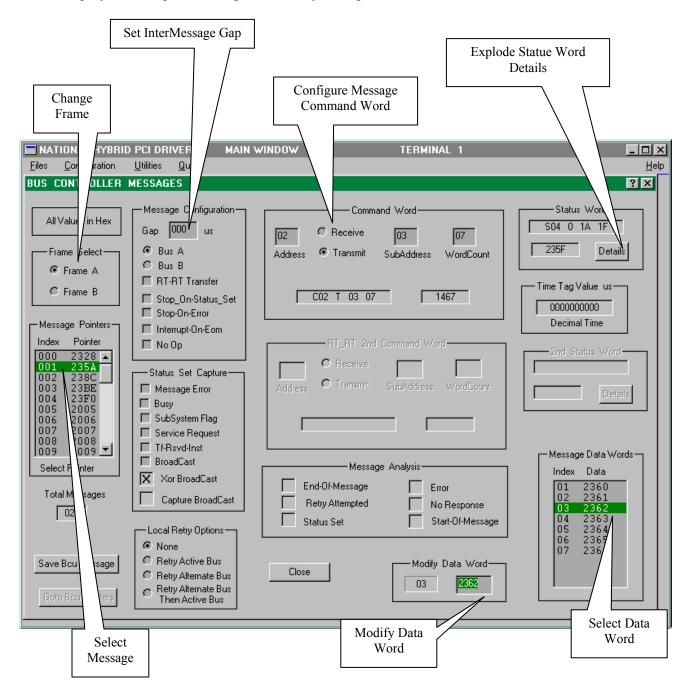


BUS CONTROLLER FRAMES AND MESSAGE POINTERS

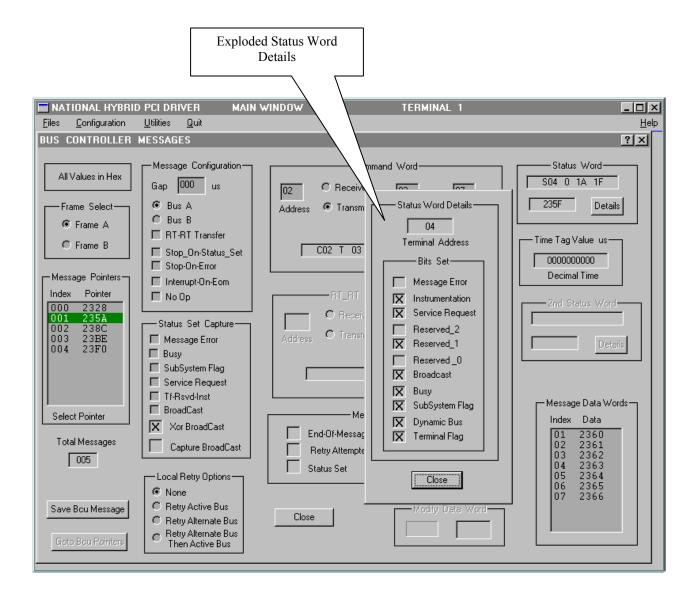


BUS CONTROLLER MESSAGE DISPLAY

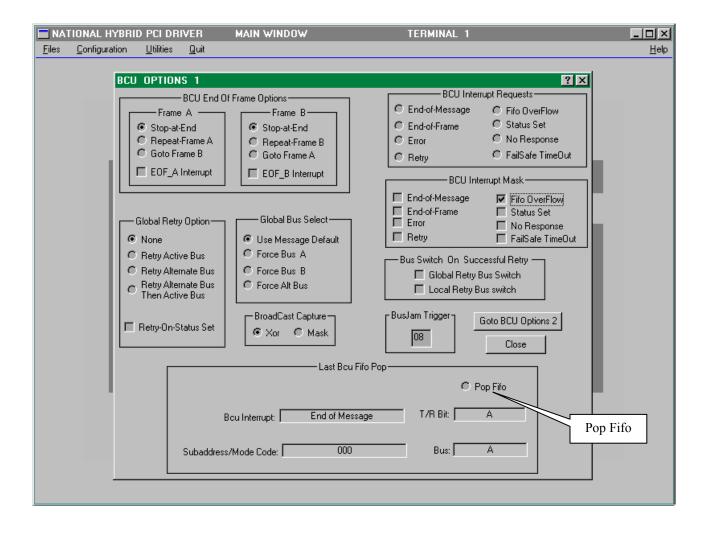
Use this display to configure messages and analyze response.



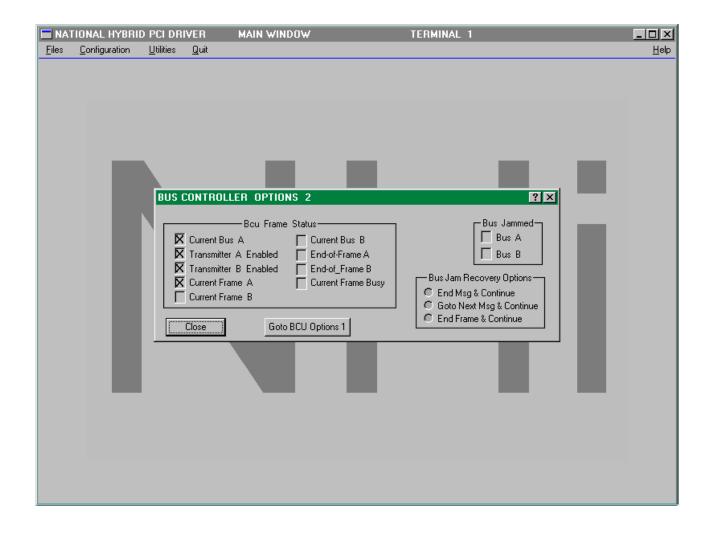
BUS CONTROLLER MESSAGE DISPLAY WITH STATUS WORD DETAILS



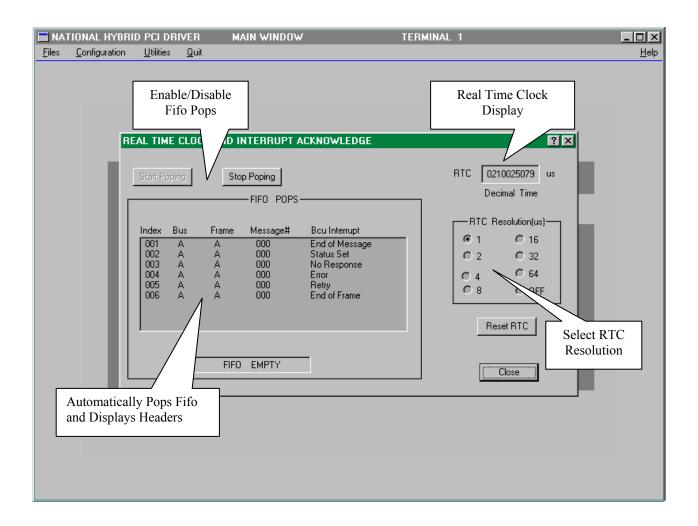
BUS CONTROLLER OPTIONS 1 DISPLAY



BUS CONTROLLER OPTIONS 2 DISPLAY



BUS CONTROLLER INTERRUPT ACKNOWLEDGE AND RTC DISPLAY

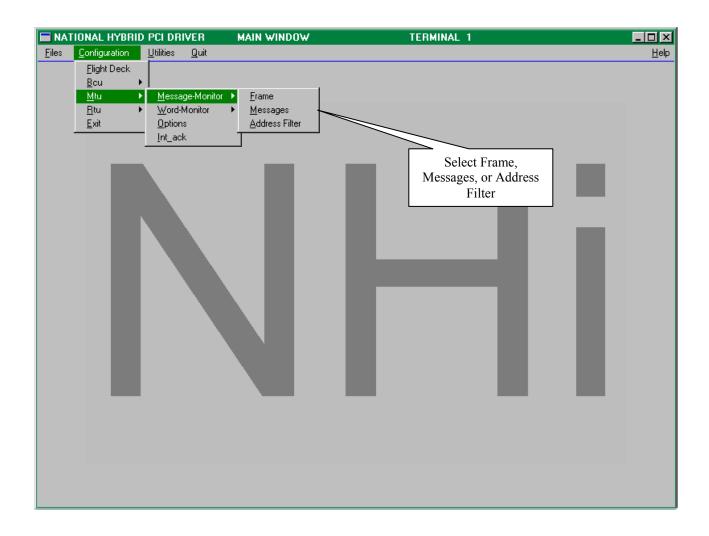


After configuring the frames and messages, go to the Flight Deck and enable the BC mode and start the Bus Controller. The BC will go off line automatically after all the messages in the frame have been processed if the Stop-At-End-Of Frame option is selected.

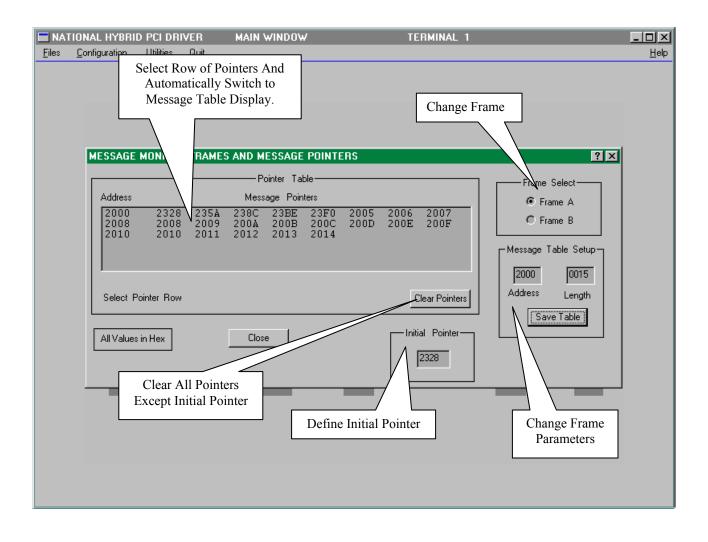
The BC will remain on line if the Repeat-Frame option is selected. Use the Stop button on the Flight Deck to take the BC off line.

MESSAGE MONITOR QUICK START

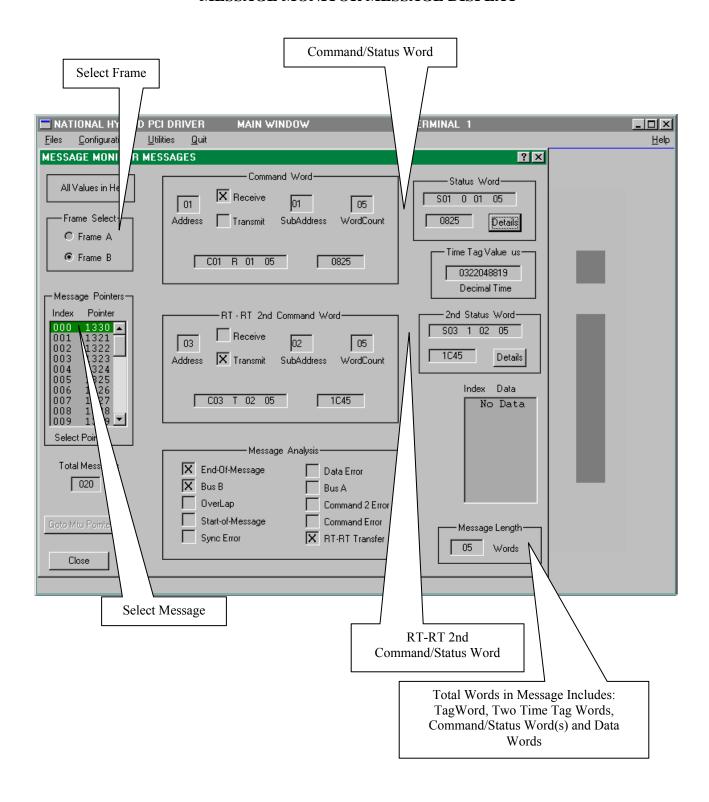
Use the following Message Monitor Mode Screen-Shots as a road map.



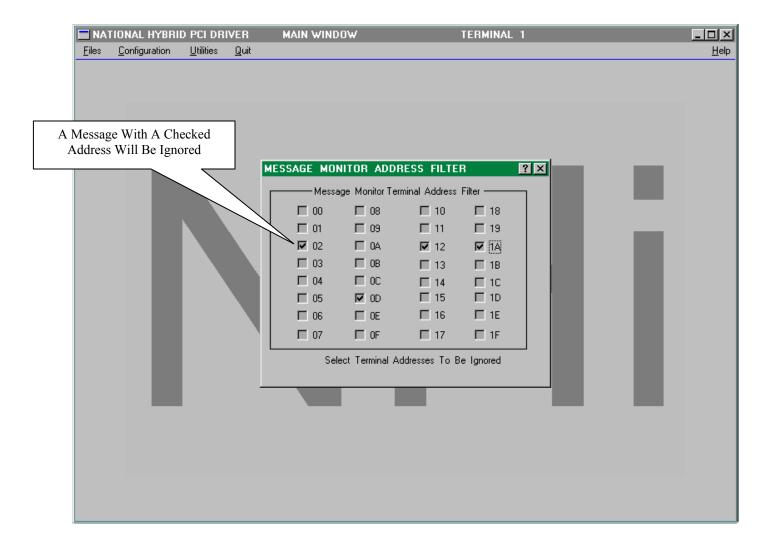
MESSAGE MONITOR FRAMES AND MESSAGE POINTERS



MESSAGE MONITOR MESSAGE DISPLAY

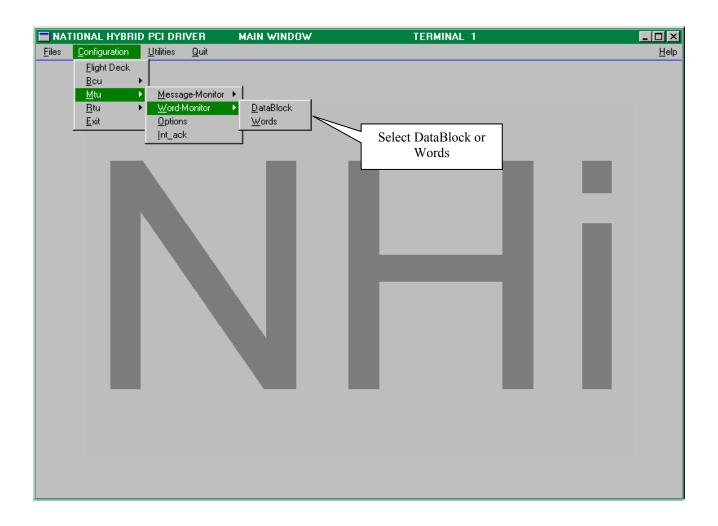


MESSAGE MONITOR ADDRESS FILTER

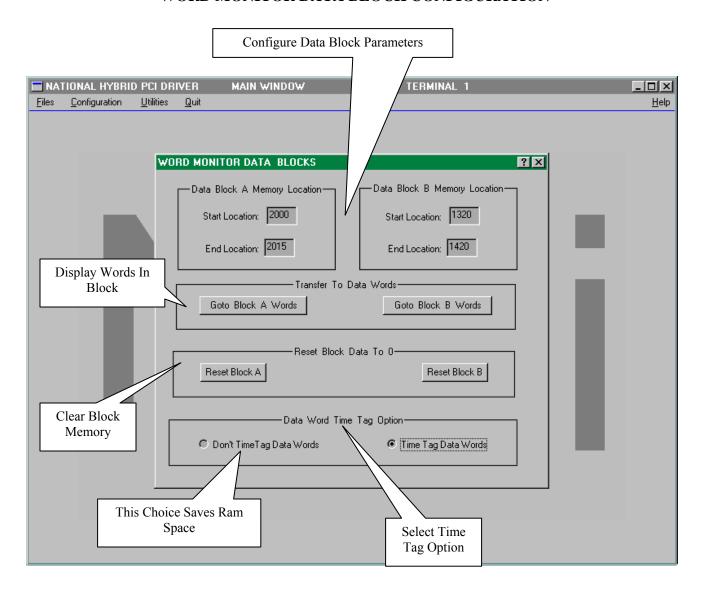


WORD MONITOR QUICK START

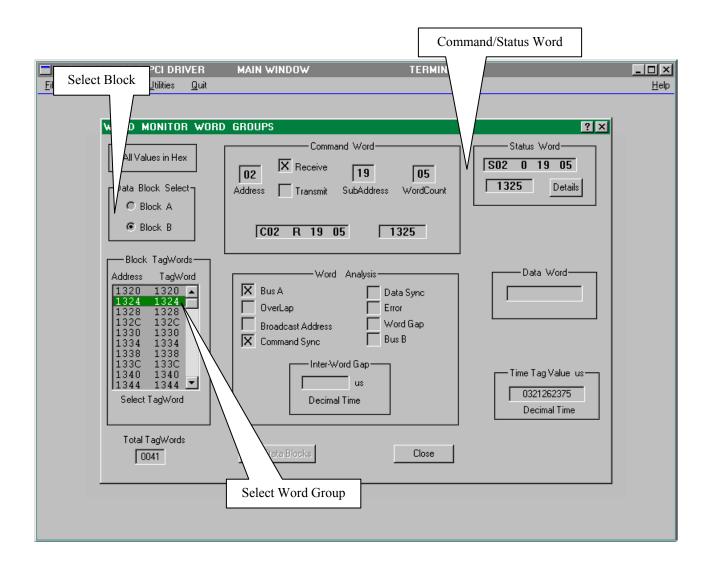
Use the following Word Monitor Mode Screen-Shots as a road map.



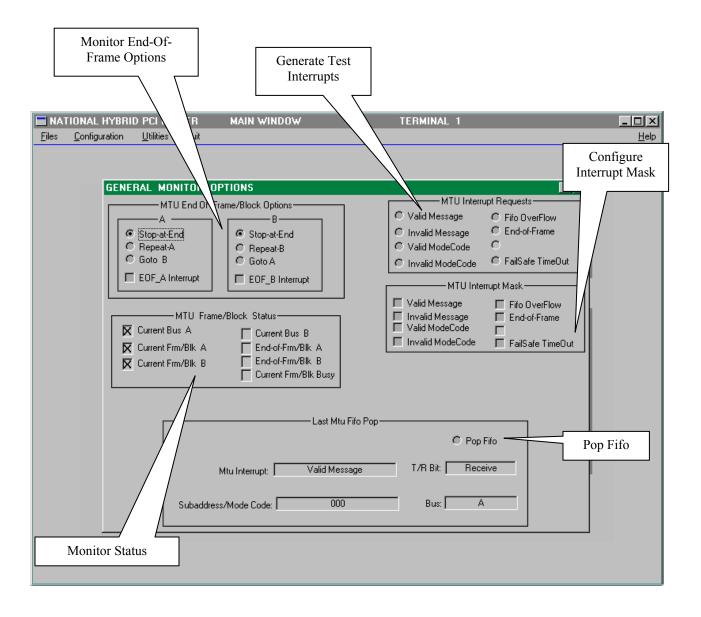
WORD MONITOR DATA BLOCK CONFIGURATION



WORD MONITOR WORD STORAGE



GENERAL MONITOR OPTIONS



After defining the frames and blocks, go to the Flight Deck and select the monitor type and start the monitor. The MT will go off line automatically after all the messages in the frame have been processed if the Stop-At-End-Of Frame option is selected.

The MT will remain on line if the Repeat-Frame option is selected. Use the Stop button on the Flight Deck to take the MT off line.







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