

**UMC MODEL 58500 4-8 CHANNEL TANKMASTER
SETUP AND PROGRAMMING INSTRUCTIONS**

DESCRIPTION :

THE UMC TANK MASTER IS A MICROPROCESSOR BASED, MULTIPLE TANK MONITOR. UP TO 8 TANK INPUTS MAY BE PROGRAMMED TO PROVIDE LOCAL DISPLAY OF DATA, AS WELL AS AN OPTIONAL RS-232 SERIAL PORT FOR REMOTE MONITORING, AND 16 CONTROL POINT RELAY BOARD.

CONNECTION PROCEDURE :

SEE ATTACHED DRAWING FOR WIRING CONNECTIONS

PROGRAMMING :

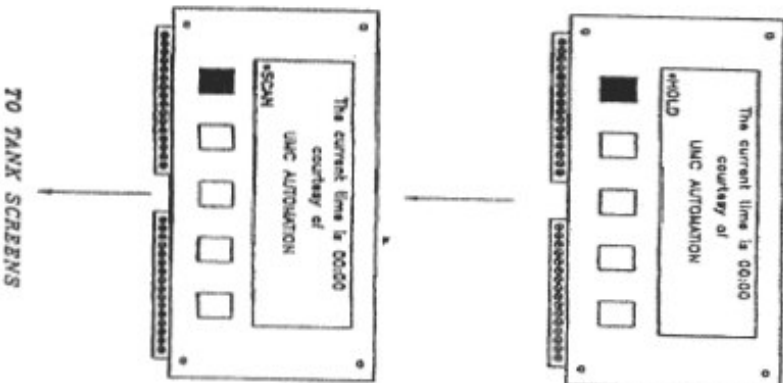
WHEN UNIT IS FIRST POWERED UP IT IS IN THE SCAN MODE, AND WILL SCROLL THROUGH 2 SCREENS (4 channel unit) or 3 SCREENS (8 channel unit):

- OPENING SCREEN
- TANK SCREENS (#1 THRU #4)
- TANK SCREENS (#5 THRU #8)

PROGRAMMING OPTIONS:

- HOLD:** Depress to stop scan mode
- CAL:** Use to calibrate zero and span for tank sensors
- ZERO:** With sensor open to atmosphere set tank zero height (zero height = distance from bottom of tank to the transducer on the tank)
- CALIB:** Depress to accept zero/span settings
- SPAN:** With pressure on sensor set fluid level ; this is the actual gauged height. (minimum 50% of total height: to meet specifications)
- TEXT:** Use to alpha-numerically name tanks
- TIME:** Use to update year, month, day, and time of day
- ALARMS:** Use to attach alarms to input channels, and to set value for "ON" and "OFF" alarm setpoints
- SCAN:** Returns unit to scan mode
- FIELD:** Moves prompt from one field to another.
- CURSOR:** Moves prompt within a field
- INC:** Increments value
- DEC:** Decrements value
- EXIT:** Returns to previous screen or scan mode

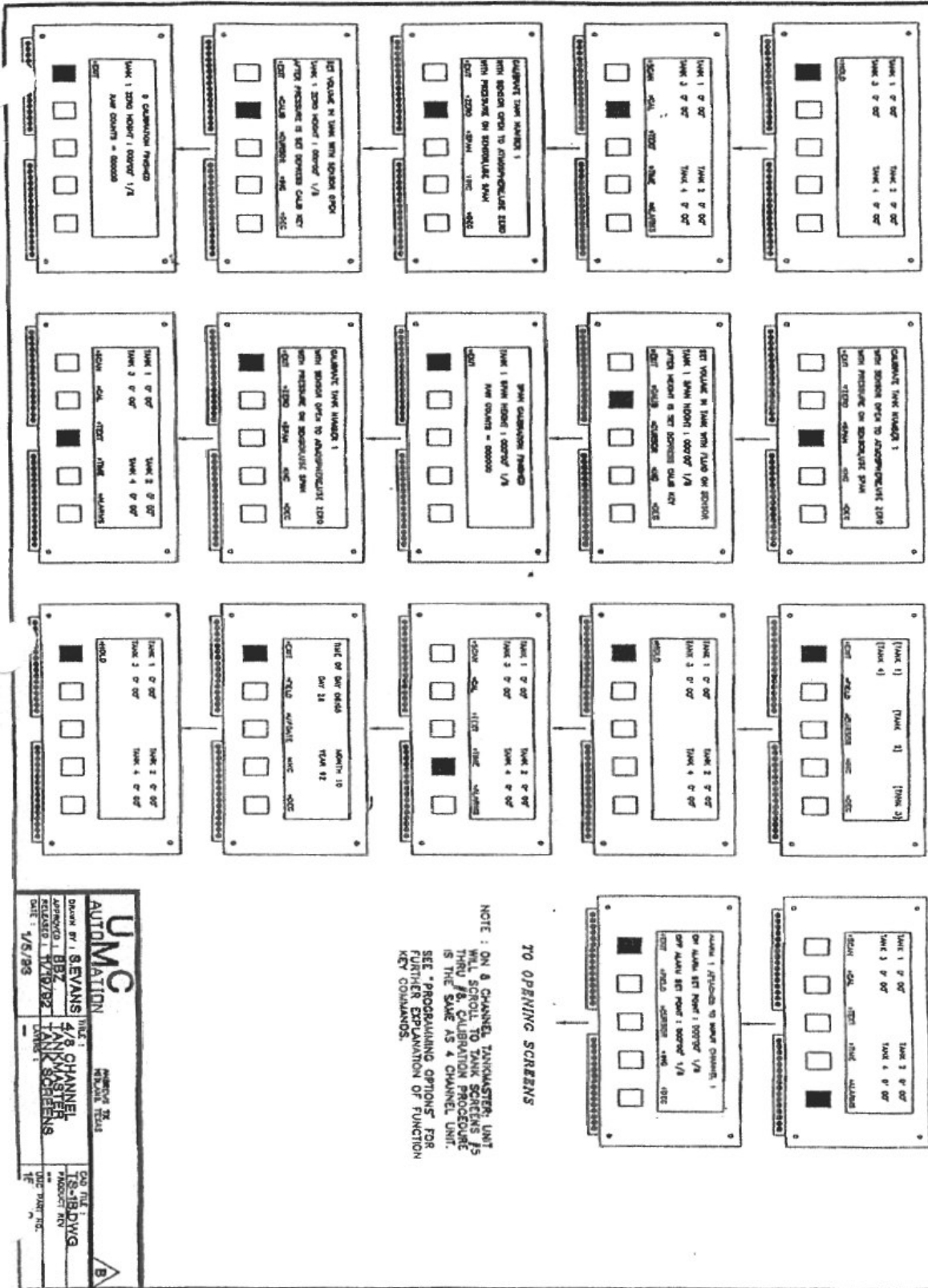
4 OR 8 CHANNEL TANKMASTER OPENING SCREENS



UMC AUTOMATION		DATE	08-18-93
		BY	OS-BDMS
APPROVED BY	4/8 CHANNEL TANKMASTER OPENING SCREENS	DATE	1/6/93
DESIGNED BY		DATE	

FROM OPENING SCREENS

4 OR 8 CHANNEL TANKMASTER TANK SCREENS



NOTE : ON 8 CHANNEL TANKMASTER UNIT WILL SCROLL TO TANK SCREENS 35 THRU 38. CALIBRATION PROCEDURE IS THE SAME AS 4 CHANNEL UNIT. SEE "PROGRAMMING OPTIONS" FOR FURTHER EXPLANATION OF FUNCTION KEY COMMANDS.

TO OPENING SCREENS

UMC		REVISION 754	
AUTOMATION		TANKMASTER	
DESIGN BY: I. SEVANS	DATE: 1/5/78	4/8 CHANNEL TANK SCREENS	CSG FILE: TS-3B-DWG
APPROVED BY: B.B.Z.	DATE: 1/17/78	TANK SCREENS	PROJECT NO: 14
DATE: 1/5/78	DATE: 1/5/78		

