

OMITTING FYA by TOD.

The following instructions contain the programming steps for omitting FYA (Flashing Yellow Arrow) by TOD (Time of Day) in the Yunex Controller operated firmware version 5.X and above. By omitting the FYA, the left turn phase will operate as protected only phase.

- 1.) From the Main Menu, Navigate to **6-TIME BASE DATA, 9-PHS FUNC MAPPING**.

The FYA is turn on/off by omitting the associated Overlap in the controller. The Overlap omit commands start at line number 145.

```

TIME BASE PHS FUNC MAPPING
                PHS FUNC SEL (0-OFF/1-ON)
NUM. .P-FUNCT NAME . . . . .123456789 0123456
145  OVERLAP A OMIT   100000000 0000000
146  OVERLAP B OMIT   000000000 0000000
147  OVERLAP C OMIT   100000000 0000000
148  OVERLAP D OMIT   000000000 0000000
UP/DOWN TO SCROLL          E-EDIT
RING TIMERS SEQ:01 B:1:1:1:1
RING 1  RING 2  PHS..12345678 90123456
MGRN   0 MGRN   0 O/N   0...0... ..
GAP OUT GAP OUT VEH   .RRR.RRR ..
                PED   ..
                H/O   0.000.00 00000000
                BACKUP      001      6
MAX1   10 MAX1   10

```

By placing a “1” under the column of the phase function selection, under the phase function number you would like to use assigns this function to the phase function. Pressing the letter “E” on the keypad will enter/exit edit mode. The above picture assigns Phase Function 1 to Omit Overlap A & Omit Overlap C.

NOTE: The Factory Defaults for Phase Function settings assigns Phase Functions 1 – 8 to operate the MAX 2 timer. If Phase Function 1-8 is used, these lines will need to be changed to a value of “0.” This settings can be found on lines 1-8.

- 2.) From the Main Menu, navigate to **6- TIME BASE DATA, 5 – ACTIONS**

Phase functions are enabled/disabled as an Action under the Time Base Data menu. Actions can have multiple tasks assigned to them. If the disabling of the FYA phase(s) correspond with a particular coord plan, then the action calling that pattern number would also call need to enable to phase function the Overlap

Omit(s) were assigned to in step 1. If there is no operational coord plan, separate actions may need to be created. One action operating pattern 254 (Free) with desired phase function enabled, and another operating pattern 254 with the phase disabled. The desired phase function number was assigned in step 1.

```

TIME BASE ACTION # 001
                123456789 0123456
PATN:001      PHS: 100000000 0000000
0=I 'CONN    AUX: 000-----
1-253=PATN   SPC: 00000000-   0=NO
254=FREE     DIM: 0-----   1=YES
255=FLASH    DET: 000-----
                                     E-EXIT
RING TIMERS SEQ:01 B:1:1:1:1
RING 1      RING 2    PHS..12345678 90123456
MGRN  13  MGRN  13  O/N  .0...0.. .....
      VEH  RNRRRNRR .....
      PED  .....
      H/O  0.000.00 00000000
      BACKUP      001      1
  
```

The above picture show Time Base Action turning on Phase Function 1, and operating pattern 1.

3.) From the Main Menu, navigate to **6- TIME BASE DATA, 4 - DAY PLANS**

Each action is initiated by a Time Base Day Plan which may contain multiple steps, depending upon what corrd plans may be operational. Each day of the week can be assigned an individual day plan, or a day plan can be assigned to multiple days. In some situations a time base day plan could be assigned to only operate during a particular time of year (for example – only operate this plan on the day after Thanksgiving.)

```

TIME BASE DAY PLAN # 001
NO HH:MM ACT NO HH:MM ACT NO HH:MM ACT
01 00 01 254 06 00 00 000 11 00 00 000
02 08 00 001 07 00 00 000 12 00 00 000
03 22 00 254 08 00 00 000 13 00 00 000
04 00 00 000 09 00 00 000 14 00 00 000
05 00 00 000 10 00 00 000 15 00 00 000
  UP/DOWN TO SCROLL E-EDIT
RING TIMERS SEQ:01 B:1:1:1:1
RING 1 RING 2 PHS..12345678 90123456
YEL 1 YEL 1 O/N .ON..ON. ....
VEH RNRRRNR ..
PED .....
H/O .P...P.. 00000000
BACKUP 001 62
  
```

The above picture shows Time Base Day Plan operating action 254 and action 1. There may be multiple steps assigned to a Time Base Day Plan depending on desired operation.

4.) From the Main Menu navigate to **6 - TIME BASE DATA, 3- SCHEDULE.**

Determining on when each Time Base Day Plan operates is determined by the schedule. In the schedule, we have the ability to designate a command to operate during only specific months, (i.e. January only), specific days of the week. (i.e. Mondays only), or specific days of the year (i.e. Friday December 24th.)

When programming the schedule, any field with a "1" under the header designates the assigned plan number is scheduled to operate. All fields with a "1" must be true for the selected Time Base Day Plan to operate. Be sure to enable the Days of the week, month, and days of the month correctly.

```

TIME BASE SCHEDULE # 001
      SMTWTFSS          JFMAMJJASOND
DAY:11111111  MONTH:11111111111111
  123456789 0123456789 0123456789 01
DATE:1111111111 11111111111 11111111111 11
PLAN:001

UP/DOWN TO SCROLL          E-EDIT
RING TIMERS SEQ:01 B:1:1:1:1
RING 1   RING 2   PHS..12345678 90123456
RED     1 RED     1 O/N .ON..ON. ....
          VEH  RNRRRNRR .....
          PED  .....
          H/O  .P...P.. 00000000
          BACKUP      001      61
  
```

The above picture shows schedule 1, operating Time Base Day Plan 1, every day of the week, every month of the year, for every possible day of the year. (365 operation.)