

Basic T1 Assignment NEAX2000 IVS2/IPS

Below is the basic assignment for a 24 channel T1 B8ZS/ESF with wink signaling. Sense wheel, Trunk route and trunk numbers used are examples only.

1. Take note of, or set the sense wheel on the 24DTA card e.g. 4
2. **CM 050>04>09** Where **04** = the sense wheel on the 24DTA card and **09** = the application card type used for a 24 DTA.
3. **CM 0701>0400~0423>D050~D073** To sense wheel **04** on channels **00** through **23** assign trunks **050** through **073**. **Note:** All channels should be assigned.
4. **CM AA00>04>0** Set sense wheel **4** to AT&T signaling standards (**0**).
5. **CM 3000>050-073>15** Assign trunks created in step 3 (**050~073**) to a trunk route (**15**).
6. **CM 3500>15>04** Set trunk route (**15**) as TIE trunk (**04**).
7. **CM 3504>15>2** Assign trunk route (**15**) for Answer signal arrives (**2**).
8. **CM 3509>15>03** Make Incoming connection signal for the trunk route (**15**) wink start (**03**).
9. **CM 3520>15>00** Make the Sender start condition for the trunk route (**15**) wink start (**00**).
10. **CM 3521>15>01** Assign the Sender pre-pause timing for the trunk route (**15**) to 0.5 seconds (**01**).
11. **CM 3524>15>2** Set the DTMF Inter-digital pause for the trunk route (**15**) to 80 milliseconds (**2**).
12. **CM 3546>15>1** Set the DTMF sender release timing for the trunk route (**15**) to 4 seconds (**1**).
13. **CM EC6>0>0** Backup the memory. Wait for backup to complete and reset the MP.

If receiving DID digits on the T1 the following may also be required.

14. **CM 3512>15>3** For the trunk route (**15**) 4 digit DID's are to be received (**3**) from network.
15. **CM 3517>15>15** This CM can be used for the trunk route (**15**) to either strip 1 or 2 digits from the incoming DID number. This CM can also add up to 2 digits. See the NEAX 2000IPS Command for details. E.g. Useful if incoming DID starts with 9 or number that clashes with existing number in CM 20. Also if DID is 4 digits long and stations are only 3 digits.
16. **CM 3518>15>0** For the trunk route (**15**) allow digit conversion (**0**) via CM 76.
17. **CM 200>52>804** Received digits MUST = a station access code in the numbering plan (Received DID numbers = 5200~5299)
Note: Received digits must = a station number regardless of whether they are to be converted to another number or not.
18. **CM 7600>5200>XXX** Point the received DID digits (**5200**) to a Number conversion block (**XXX**). Available blocks are 000~999).
19. **CM 7601>XXX>200** where DID that was sent to bin **XXX** is terminated to station **200** in Day Mode (**CM 7602** for Night Mode, **CM 7603** for Mode A, and **CM 7604** for Mode B).