Number conversions

```
                              ┌──────────┐
                              │  START   │
                              └────┬─────┘
                                   │
              no          ◇ from CPE ◇          yes
        ┌──────────────────┘         └──────────────────┐
        │                                                │
```

START

from CPE — no / yes

CgPNs included
(possibly contains network and user provided CgPN) — yes / no

CgPN included
(only one CgPN possible: user provided) — yes / no

match CgPN right–justified against telephonenumber prefixes in CallTable
(dots match any cipher; all dots must be matched)

Select a CgPN to set
(first possible from list):

1. User provided, verified and passed

2. Network provided

3. User provided, not screened

4. User provided, verified and failed

CgPN does match — no / yes

insert mainTelephoneNumber from CallTable

insert complete telephoneNumber from CallTable

SI := "network provided"

SI := "User provided, verified and passed"

TON = national ? — no / yes

get CLIR from CallTable

get CLIR from CallTable

convert CgPN to international format
(prepend CC from .ini)

no CLIR: PI := "restricted
CLIR=TRUE: PI := "restricted"
CLIR=FALSE: PI := "allowed"

no CLIR: leave PI unchanged
CLIR=TRUE: PI := "restricted"
CLIR=FALSE: PI := "allowed"

CgPN ToN := international
CgPN NPI := ISDN

store CgPN for CDR generation
(in international format)

get CdPN from CallTable

CdPN ToN := international
CdPN NPI := ISDN

national call
(CgPN and CdPN have the same code from the country code table) — yes / no

convert CgPNs to national
CgPN To N := national

convert CdPNs to national
CdPN ToN := national

voIPPrependCallbackAC — TRUE / FALSE

national call
(CgPN and CdPN have the same code from the country code table) — yes / no

prepend nac to CgPN
CgPN ToN := unknown

prepend inac to CgPN
CgPN ToN := unknown

to CPE — yes / no

remove CgPNs with PI = "restricted"

remove CgPNs with SI =
"User provided, not screened" or
"User provided, verified and failed"

END