Die Hard in PlusCal

```
--algorithm DieHard {
  variables big = 0, small = 0;
  { while ( TRUE )
      { either big := 5        fill the big jug
        or      small := 3     fill the small jug
        or      big := 0       empty the big jug
        or      small := 0     empty the small jug
        or      pour from small to big
                with ( poured = Min(big + small, 5) − big )
                    { big   := big + poured;
                      small := small − poured }
        or      pour from big to small
                with ( poured = Min(big + small, 3) − small )
                    { big   := big − poured;
                      small := small + poured }
      }
  }
```