The Bounded Buffer Algorithm

```
--algorithm BChan{
   variables in = Input, out = ⟨⟩, ch = ⟨⟩ ;
   process ( Send = 0 ) {
      s: while ( TRUE ) {
            await Len(ch) ≠ N ;
            ch := Append(ch, IHead(in)) ;
            in := ITail(in) } }
   fair process ( Rcv = 1 ) {
      r: while ( TRUE ) {
            await Len(ch) ≠ 0 ;
            out := Append(out, Head(ch)) ;
            ch := Tail(ch) } } }
```

CLOSE