

```
# https://github.com/AdaHeads/Hosted-Telephone-Reception-System/wiki/Use-case%3A-Sende-opkald-videre#variant-2a-ii-1
```

```
from forward_call import Test_Case
```

```
class Sequence_Diagram (Test_Case):
```

Preconditions

```
def test_Run (self):
```

```
try:
```

```
    Incoming_Call_ID = self.Request_Customer_Call ()
```

```
    self.Step (Message = "Receptionist-N --> Klient-N [genvej:  
liste-med-sekundaere-numre]")
```

```
    self.Step (Message = "Receptionist-N --> Klient-N [pil op/ ned  
- nogle gange]")
```

```
    self.Step (Message = "Receptionist-N --> Klient-N [genvej:  
ring-markeret-nummer-op]")
```

```
    Outgoing_Call_ID = self.Receptionist_Places_Call (Number = self.Callee.  
extension)
```

```
    self.Step (Message = "Call-Flow-Control --> FreeSWITCH [ring-op:  
nummer, telefon-N]")
```

```
    self.Callee_Receives_Call ()
```

```
    self.Step (Message = "FreeSWITCH -> FreeSWITCH [forbind  
opkald med telefon-N]")
```

```
    self.Receptionist_Hears_Dialtone ()
```

```
    self.Step (Message = "Callee phone rings.")
```

```
    self.Callee_Accepts_Call ()
```

```
    self.Step (Message = "Receptionist-N --> Telefon-N [snak]")
```

```
    self.Step (Message = "Receptionist-N --> Klient-N [genvej:  
afslut-udgaaende-samtale]")
```

```
    self.Receptionist_Hangs_Up (Call_ID = Outgoing_Call_ID)
```

```
    self.Step (Message = "Call-Flow-Control --> FreeSWITCH [afslut  
telefon-N's udgaaende samtale]")
```

```
    self.Callee_Receives_Hang_Up ()
```

```
    self.Step (Message = "FreeSWITCH -> FreeSWITCH [forbind  
opkalder og telefon-N]")
```

```
    self.Step (Message = "Receptionist-N --> Telefon-N [snak]")
```

```
    self.Step (Message = "Telefon-N --> FreeSWITCH [SIP: lyd]")
```

```
    self.Step (Message = "FreeSWITCH --> Opkalder [SIP: lyd]")
```

```
    self.Step (Message = "Opkalder --> FreeSWITCH [SIP: lyd]")
```

```
    self.Step (Message = "FreeSWITCH --> Telefon-N [SIP: lyd]")
```

```
    self.Step (Message = "Telefon-N --> Receptionist-N [snak]")
```

```
self.Teardown ()
```

```
except:
```

```
    self.Teardown () # Cleanup processes started
```

```
    raise # Re-raise exception so that
```

```
           # test fails after we cleaned up
```

Scenario