BGCF Interfaces (IMS-PSTN) (ISUP) Call; Megaco/H.248 Signaling; IMS Caller Initiated Call Release

IMS Core Network

Home IMS

Orig S-CSCF

PSTN Interface

Signaling

BGCF

MGCF

1: INVITE

2: INVITE

3: 100 Trying

4: 100 Trying

5: 183 Session Progress

6: 180 Ringing

7: 200 OK

8: 180 Ringing
BGCF Interfaces (Called PSTN Subscriber Initiates Release)

IMS Core Network

Home IMS

Orig S-CSCF

1: INVITE
5: 183 Session Progress
7: 200 OK (INVITE)

PSTN Interface

Signaling

BGCF

MGCF

1: INVITE
2: INVITE
3: 100 Trying
5: 183 Session Progress
6: 180 Ringing
7: 200 OK (INVITE)
8: 180 Ringing
9: 400 Try Again
EventStudio System Designer 6

BGCF Interfaces (MGCF Initiated Call Release)

IMS Core Network

- Home IMS
- Orig S-CSCF

PSTN Interface

- BGCF
- MGCF

Signaling

1: INVITE
2: INVITE
3: 100 Trying
4: 100 Trying
5: 183 Session Progress
6: 180 Ringing
7: 200 OK (INVITE)

Call Flow:
1. INVITE
2. INVITE
3. 100 Trying
4. 100 Trying
5. 183 Session Progress
6. 180 Ringing
7. 200 OK (INVITE)