

Message Translation Reference

In addition to the [Message Translation Usage Overview](#), the following article contains a listing of the pre-programmed Message Translations on the Sonus SBC 1000/2000.

▼ [Before you start - click here to view the ISDN Progress Indicator \(PI\) assignments](#)

PI	Definition
0	No Progress Indicator included
1	Not end-to-end ISDN
2	Destination address is not ISDN
3	Origination address is not ISDN
4	Call has returned to ISDN
5	Internetworking Encountered
8	Inband information available
10	Delay Encountered

Internal Translations ISDN to SIP

Listed are the default (internal) *message translations* for ISDN SIP:

#	Incoming ISDN side	Outgoing SIP side	How the Sonus SBC 1000/2000 Internally Processes the Translation																
1	Alert without PI	180 Ringing without SDP	▼ Click here to view Incoming Filter <table border="1"> <thead> <tr> <th>Early Media Status</th> <th>IN Message</th> <th>IN IE Type</th> <th>IN Progress Indicator</th> </tr> </thead> <tbody> <tr> <td>Any</td> <td>Alert</td> <td>PI</td> <td>Not Present</td> </tr> </tbody> </table> Outgoing Translation <table border="1"> <thead> <tr> <th>OUT Message</th> <th>Send Message</th> <th>OUT IE</th> <th>Media Cut Through</th> </tr> </thead> <tbody> <tr> <td>Alert</td> <td>Yes</td> <td>Not Present</td> <td>Yes</td> </tr> </tbody> </table>	Early Media Status	IN Message	IN IE Type	IN Progress Indicator	Any	Alert	PI	Not Present	OUT Message	Send Message	OUT IE	Media Cut Through	Alert	Yes	Not Present	Yes
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2	Alert with PI 1, 8, 2	180 Ringing; if early media negotiated, don't include SDP	<p>▼ Click here to view</p> <div data-bbox="781 155 1321 726"> <p>Incoming Filter</p> <table border="1"> <thead> <tr> <th>Early Media Status</th> <th>IN Message</th> <th>IN IE Type</th> <th>IN Progress Indicator</th> </tr> </thead> <tbody> <tr> <td>Early media negotiated</td> <td>Alert</td> <td>PI</td> <td>1 8 2</td> </tr> </tbody> </table> <p>Outgoing Translation</p> <table border="1"> <thead> <tr> <th>OUT Message</th> <th>Send Message</th> <th>OUT IE</th> <th>Media Cut Through</th> </tr> </thead> <tbody> <tr> <td>Alert</td> <td>Yes</td> <td>Not Present</td> <td>Yes</td> </tr> </tbody> </table> </div>	Early Media Status	IN Message	IN IE Type	IN Progress Indicator	Early media negotiated	Alert	PI	1 8 2	OUT Message	Send Message	OUT IE	Media Cut Through	Alert	Yes	Not Present	Yes
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7	Progress without PI	Drop message	Click here to view
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Incoming Filter

Early Media Status	IN Message	IN IE Type	IN Progress Indicator
Any	Progress	PI	Not Present

Outgoing Translation

OUT Message	Send Message	OUT IE	Media Cut Through
Progress	No	N/A	N/A

 Please note that ISDN SIP message translations are only used on SIP ISDN calls.

Internal Translations SIP to ISDN

Listed are the default (internal) *message translations* for SIP ISDN:

#	Incoming SIP side	Outgoing ISDN side	How the Sonus SBC 1000/2000 Internally Processes the Translation
1	180 Ringing without SDP	Alerting without PI	Click here to view


Incoming Filter

Early Media Status	IN Message	IN IE Type	IN Progress Indicator
Any	Alert	PI	Not Present

Outgoing Translation

OUT Message	Send Message	OUT IE	Media Cut Through
Alert	No on cut through	Not Present	Yes On Early Media Detection

2	180 Ringing with SDP	Alerting with PI = 8	<p>▼ Click here to view</p> <p>Incoming Filter</p> <table border="1" data-bbox="688 205 1235 373"> <thead> <tr> <th>Early Media Status</th> <th>IN Message</th> <th>IN IE Type</th> <th>IN Progress Indicator</th> </tr> </thead> <tbody> <tr> <td>Any</td> <td>Alert</td> <td>PI</td> <td>Present</td> </tr> </tbody> </table> <p>Outgoing Translation</p> <table border="1" data-bbox="688 447 1235 615"> <thead> <tr> <th>OUT Message</th> <th>Send Message</th> <th>OUT IE</th> <th>Media Cut Through</th> </tr> </thead> <tbody> <tr> <td>Alert</td> <td>No on cut through</td> <td>PI=8</td> <td>Yes On Early Media Detection</td> </tr> </tbody> </table>	Early Media Status	IN Message	IN IE Type	IN Progress Indicator	Any	Alert	PI	Present	OUT Message	Send Message	OUT IE	Media Cut Through	Alert	No on cut through	PI=8	Yes On Early Media Detection
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3	183 Progress without SDP	Progress with PI = 1	<p>▼ Click here to view</p> <p>Incoming Filter</p> <table border="1" data-bbox="688 768 1235 936"> <thead> <tr> <th>Early Media Status</th> <th>IN Message</th> <th>IN IE Type</th> <th>IN Progress Indicator</th> </tr> </thead> <tbody> <tr> <td>Any</td> <td>Progress</td> <td>PI</td> <td>Not Present</td> </tr> </tbody> </table> <p>Outgoing Translation</p> <table border="1" data-bbox="688 1010 1235 1209"> <thead> <tr> <th>OUT Message</th> <th>Send Message</th> <th>OUT IE</th> <th>Media Cut Through</th> </tr> </thead> <tbody> <tr> <td>Progress</td> <td>No on subsequent</td> <td>PI=1</td> <td>Yes On Early Media Detection</td> </tr> </tbody> </table>	Early Media Status	IN Message	IN IE Type	IN Progress Indicator	Any	Progress	PI	Not Present	OUT Message	Send Message	OUT IE	Media Cut Through	Progress	No on subsequent	PI=1	Yes On Early Media Detection
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