**Client/Server Protocol:**

**Client-to-Server Grammar:**

LOG\_ON ::= LOG\_ON USER\_ID [A-Za-z0-9]+

LOG\_OFF ::= LOG\_OFF

START\_CHAT ::= START\_CHAT CONVERSATION\_ID [A-Za-z0-9]+

EXIT\_CHAT ::= EXIT\_CHAT CONVERSATION\_ID [A-Za-z0-9]+

ENTER\_CHAT ::= ENTER\_CHAT CONVERSATION\_ID [A-Za-z0-9]+

SEND\_MESSAGE ::= SEND\_MESSAGE CONVERSATION\_ID [A-Za-z0-9]+ .\*

SEND\_INVITE ::= SEND\_INVITE CONVERSATION\_ID [A-Za-z0-9]+ USER\_ID [A-Za-z0-9]+(, [A-Za-z0-9]+)\*

**Server-to-Client Grammar:**