CONFERENCE UNIT ARCHITECT AND ENGINEER SPECIFICATIONS

The conference unit shall provide fully digital audio transmission for the DIS DCS 6000 Digital Conference System. The unit shall be a table-top mountable conference unit, with channel selector functionality and voting functionality. It shall feature a microphone speak/request button, five voting buttons, two 3.5 mm stereo headphone jacks, channel selector, a high quality loudspeaker, a lockable XLR microphone connector and a Chip Card reader to restrict conference unit access and to identify the user.

The unit shall connect to the DCS 6000 System by using the proprietary DCS-LAN protocol in a daisy-chain topology, using shielded CAT 5e cables. The DCS-LAN protocol shall transport power, audio and control data across a chain of discussion units, including a codec algorithm to prevent unauthorized listening to the audio signal.

The conference unit shall provide voting buttons for attendance check, and 3-button or 5-button voting sessions. The attendance checks and voting sessions shall start from the SW 6000 or a DC 6990P conference unit.

During normal operation two buttons on the left shall change the interpretation channels, while two buttons on the right shall change the channel selector volume. During voting sessions the buttons shall act as voting buttons, whether it is a 3-button or 5-button voting session taking place. The conference unit shall come with two standard button overlays.

The unit shall include a chip card reader for secure delegate login in various modes.

The speak/request button shall enable the user to activate/deactivate the microphone directly or by a *request to speak*. A LED shall indicate if the microphone is on (red LED), or in the request queue (green LED). When the microphone is not on, the floor channel shall be distributed through the built-in loudspeaker. The conference unit shall support four microphone operation modes: Automatic, FIFO, Manual and VOX (voice activation). The unit shall support three microphone interrupt modes

A 3-pin XLR socket shall provide connection to the DIS GM 6xxx Series gooseneck microphones, The XLR socket shall have a lock that is accessible from a small hole to the left of the socket and locked with a 1.5 mm hex key. The hex key shall be turned counter clockwise to lock the gooseneck microphone into the XLR socket, and clockwise to disable the lock and remove the gooseneck microphone from the unit.

The delegate unit shall have two 3.5 mm jack female stereo sockets for headphone connection listen to an interpretation channel or the floor sound.

Exchangeable buttons/button overlays for alternate functions and/or different languages.

The conference unit shall have a headphone frequency response of 65 Hz-16 kHz, and a loudspeaker frequency response of 150 Hz-15 kHz.
The conference unit shall measure 74 mm in height, 268 mm in width and 153 mm in depth. The unit shall weigh 900 grams, with an operating temperature range of 5° to 40° C.

The conference unit shall be a DIS DM 6680 P.