

SPACE OPERATIONS SYMPOSIUM (B6)
Flight Control Operations Virtual Forum (4-V.1)

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PREPARATION AND COORDINATION TASKS OF AN INCREMENT LEAD COL-OC

Abstract

One of the positions of the Columbus Flight Control team is called the Columbus Operations Coordinator and Planner (COL-OC/COP). This position ensures several tasks such as 24/7 console support for real-time payloads operations and real-time planning or payload operation preparation together with the User Support and Operation Center (USOC) months before their experiments will be executed by the astronauts on board the Columbus module.

As time gets closer to an experiment execution day, a broader coordination is required and part of the tasks are then to provide all the support needed by USOCs, to ensure all information are available for the people who will be executing the experiment either for the astronauts on board the ISS or for the flight controllers on ground, to ensure all involved or impacted parties are aware and on the same page. All these tasks are mainly supported by the position so called Increment Lead COL-OC.

The person fulfilling the COL-OC increment lead position has to be aware of the big picture, what is going on, not only inside but also outside of the Columbus module, to assess potential impacts on payloads operations. Close to an experiment execution day, the increment lead COL-OC has to ensure that all areas are covered and come together in order to aim at smooth and, more important, successful operations on board the Columbus module.

The document will introduce the COL-OC/COP position within the Columbus project and will then focus on the increment lead COL-OC tasks with example of common situations this position has to deal with on a daily basis.