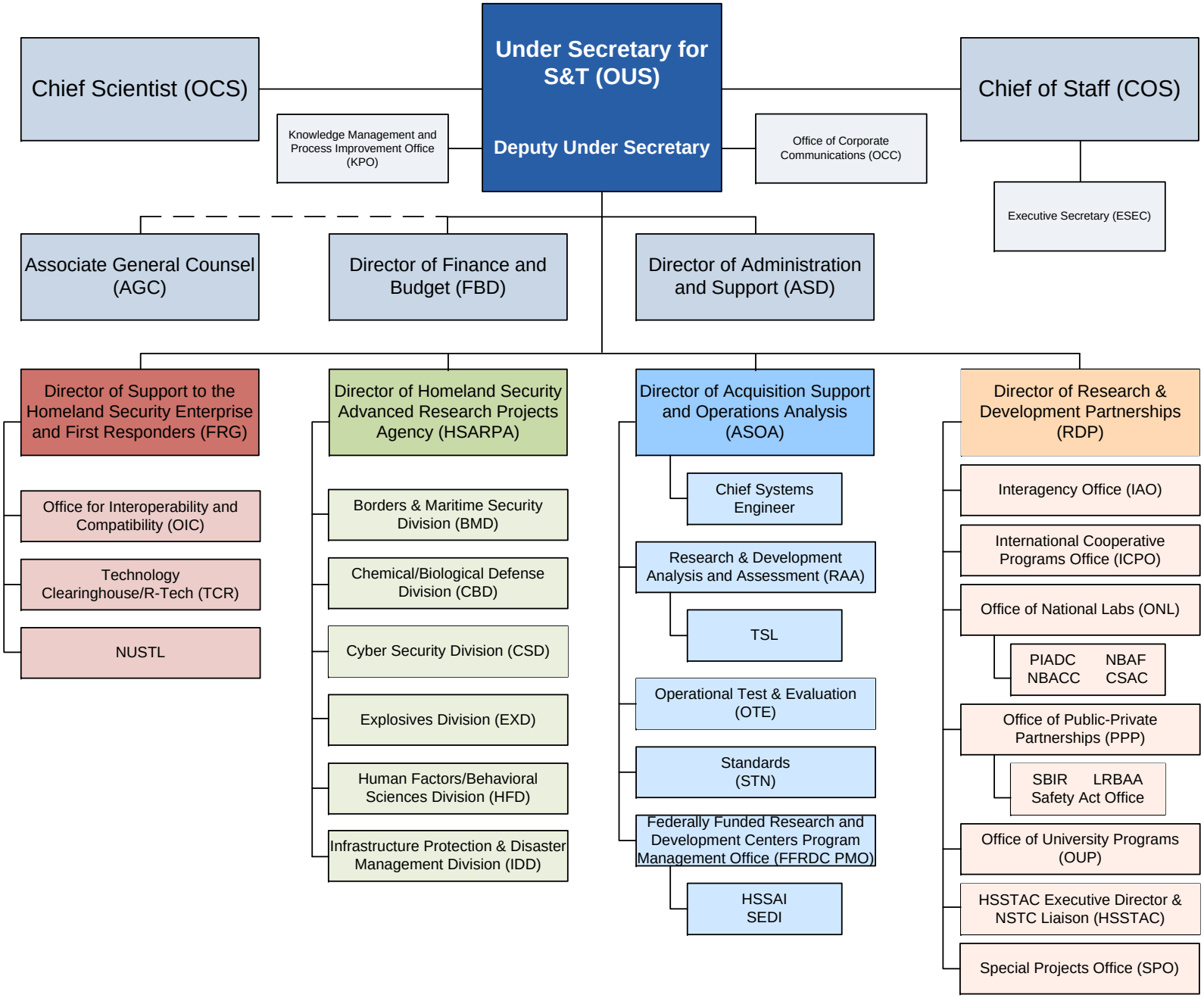Science and Technology Directorate