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A Photon Needs a Package of Information and Law to Move a Planck Length HASSAN GHOLIBEIGIAN¹, Retired, GHASEM GHOLIBEIGIAN, KAZEM GHOLIBEIGIAN², None — A photon needs to get a package of complete information including laws about its quantum state for processing and selecting its next step. Its next step which is moving a Planck's length, takes a Planck time. The processed information is carried by the photon and is added to the history and entropy of the universe. In other words, in each second, a photon processes 1.8×10^{43} packages of information for finding its path. A package of information including the new quantum state of the photon should always be available for photon during a Planck time. Information is communicated from dimension of information, which may be in addition of space-time's dimensions, with all particles and space-time. Based on our vision, the stored soft super-translation hairs in terms of soft gravitons or photons on black hole's horizon, or stored information on a holographic plate at the future boundary of the horizon [Hawking et. al., Jan 5, 2016], can be only accessible for those particles (gravitons and photons) which are in those positions, not for other particles in other locations of black hole which are far from the horizon and need packages of information during each Planck time.

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