A sampling assembly for taking single or multiphase production fluid samples from a subsea well. The sampling assembly includes a receiving structure that houses a saver sub and a retrievable skid. The sampling assembly allows for repeated retrieval of collected samples and replenishment of empty sample chambers using the retrievable skid. A releasable connection interface between the retrievable skid and the saver sub allows an ROV to connect the retrievable skid to the saver sub and provide electrical and hydraulic power to the sampling assembly for taking samples.

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**Title of the Invention:** Sampling Assembly for a well  
**Abstract Title:** Sampling Assembly for a well