# LDO 681X (CRYPTOLOGIC WARFARE)

DESIGNATOR DESCRIPTION

Limited Duty Officer (Cryptologic Warfare) serve as officer technical leaders and managers in the field of cryptology, versed in all facets of Signals Intelligence, Computer Network Operations and Electronic Warfare. Perform functions of electronic maintenance, communications, CMS, and technical research in support of the operating forces and the national cryptologic effort. They plan and manage the employment of resources, equipment and manpower; operation and maintenance of electrical, electro-mechanical equipment and the conduct of communications, administration of CMS functions.

They also may serve as watch officers, division officers, electronic warfare officers, signals warfare officers, information warfare officers, operations officers, department heads, officers-in-charge, and various operational and staff billets ashore and afloat.

They can also off-ramp to 1810 (Cryptologic Warfare) community via the WOBA process before promotion to LCDR, typically at 6-8 YCS, or retire as 6810 LDO at 10 YCS.

| YRS COMM SVC | SEA | CAREER PATTERN | SHORE |
|---|---|---|---|
| 30 | | *** IWO Restricted Line Career Path *** | |
| **CAPT** | | Joint / OPNAV | |
| | | Shore Major Command | |
| | | Screen Major Command | |
| 22 | | | |
| **CDR** | *** IWO Restricted Line Career Path *** | | *** IWO Restricted Line Career Path *** |
| | IWO Planner | | Commander Command |
| | Numbered Fleet | | TYCOM / Joint / OPNAV / XO |
| | CSG DIWC | | FIOC DH |
| | | | Screen CDR Command |
| 16 | | | |
| MA Degree/NPS | *** IWO Restricted Line Career Path *** | | *** IWO Restricted Line Career Path *** |
| **LCDR** | IWO Coord | | TYCOM / Joint / OPNAV |
| | CSG Staff / Numbered Fleet | | IDC Cross Detailing |
| | NSW CFT | | Cyber |
| | | | FIOC/CID (for remaining 681X) |
| 10 | | | |
| **LT** | Off-ramp to 1810 (CWO) -or- Retire | | Off-ramp to 1810 (CWO) -or- Retire |
| | TIWO Surface | | NIOC / NSA Cryptologic Center |
| AQD SEA: | TIWO Navy Special Warfare (NSW) | | Cyber |
| AQD SHORE: | | | NIOD OIC |
| | | | Staff Tour |
| 4 | | | |
| **LTJG** AQD:BIS, BIU, BIA | Tactical Information Warfare Officer (TIWO) | | Navy Information Operations Command (NIOC) |
| 2 | | | |
| **ENS** AQD:BIS, GC0 | Surface, Air, Subsurface | | National Security Agency (NSA) Cryptologic Center |
| | | | IWO and IDWO Qualifications |
| 0 | | | |