LOCATE & Protect COMMUNICATION CABLE

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| **PCBU Address:** Lot 3, Redlynch Connector Road, Redlynch 4870  **Job Title:**  **Site Address:** | | | | **Date:**  **Page:** 1 of 3 **SWMS No:** 19 | | **New**  **Revised** |
| **Principal:** | | **Supervisor:** Ian Loccisano | | **Approved by:** Ian Loccisano | | |
| **Required Personal Protective Equipment:** Safety boots, high visibility vest or shirt | | | | | | |
| **TASK** | **POTENTIAL HAZARDS** | | **ACTION OR PROCEDURE** | | **RESPONSIBILITY** | |
| Location of optic fibre and copper wire cabling | Failure to detect all cables | | Refer to service provider drawings (expiry date of 60 days). Note that conduits may bypass some pits | | Locator | |
| Review all cabling/conduits entering/ exiting pits | | Locator | |
| Visual survey of area to locate pits and other related installations | | Locator | |
| Visual survey of area to locate sunken trenches and patched road crossings | | Locator | |
| Failure to electronically locate direct buried optic fibre cable | | Will not be able to locate direct buried optic fibre without trace wire or accompanying direct buried copper wire. Contact Network Integrity to locate transponders if in place | | Locator | |

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| **TASK** | **POTENTIAL HAZARDS** | **ACTION OR PROCEDURE** | **RESPONSIBILITY** |
| Location of optic fibre and copper wire cabling | Failure to electronically detect optic fibre cable in a conduit | Direct coupling with a metroclamp to a copper wire cable in the same conduit. If no accompanying copper cable in same conduit, use fibreglass locating rod and direct couple to that. Each conduit must be traced | Locator |
| Failure to electronically detect copper cable | Direct coupling with a metroclamp to copper wire cable. Each conduit must be traced | Locator |
| Damage to cables when accessing pits | Handle cable with care in accordance with Telstra requirements including use of approved lid lifter. Refer to Telstra DBYD cover sheet. Do not move optic fibre cable | Locator |
| Marking of locations | Failure to relocate | Mark with pegs flagged with yellow tape or paint. Workers to be shown cable locations. Mark on a plan. | Locator |
| Potholing | Disruption to service | Dig by shovel across conduit or copper cable at 10m intervals if working within 1m of conduit. For direct buried optic fibre pothole by vacuum truck every 10m if working within 3m of cable | Crew |
| Falling into pothole | Barricade or backfill pothole with sand until required | Crew |
| All related activities | All hazards | Daily periodical monitoring of activity | Supervisor |

Risk assessment based on all procedures being in place

**Risk Assessment Matrix**



**Likelihood:** Very unlikely **Consequences:** Minor **Risk score:** 7