

Auto Longlining

The nominated Australian vessel will be targeting Antarctic toothfish (*Dissostichus mawsoni*) using a 60,000 hook Mustad Autoline System with a Mustad Superbaiter baiting machine. The vessel is also fitted with an SP2000 Mustad Autoline hook separator, Autoline Combi haulers, and Mustad Line Controller systems (to reduce the chance of line breakage).

Figure 1: Auto Longline Fishing System

Longline: autoline

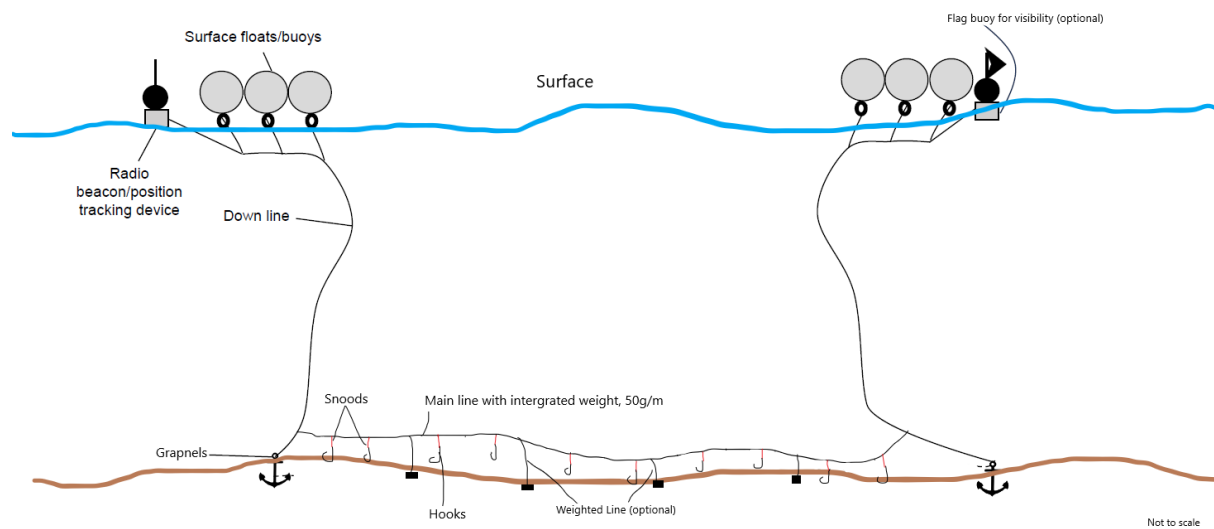


Figure 2: Hook type

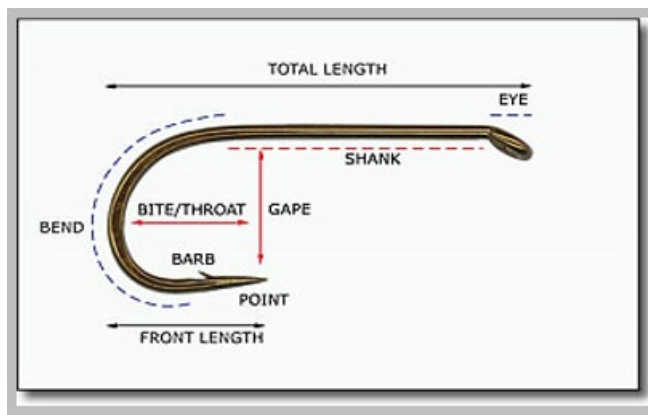


Table 1: Antarctic Aurora description of main gear item

| Item | | Descriptions |
|-----------|-------------------|------------------------------------------------------------------------------|
| Main Line | | 12.0mm Integrated weighted line (IWL) at 50 grams per lead per meter of line |
| Downline | | 12.0mm line |
| Grapnels | | 2x60 kg grapnels used per line |
| Hooks | Type | 14/0 Eagle – Fiskevegn hooks |
| | Spacing | Spaced 1.4m apart |
| | Length (cm) | 8 |
| | Shank Length (cm) | 4.5 |
| | Grape (cm) | 1.6 |
| | Throat (cm) | 3.5 |
| | Front length (cm) | 3.5 |
| | Spacing (m) | 1.4 |
| Floats | | Surface floats only |
| Snoods | | Polyester material snoods of 0.45m length |