

SERVICE ROUTINES

Orbit Camera System



DAILY

- Run the camera to both edges to prevent growth.
- Park the camera at least 10 m below the surface, centered in the cage, pointing down to prevent fouling on the lens.
- Check fiber cables and strain reliefs for damages and wear.
- Check all connectors on PSU – make sure there is no stress on the connector and the cable is properly secured.
- During winter months – check for icing on all parts of the system, incl. cables and antennas, remove if found.

AT THE START/END OF SEASON

- Disconnect all equipment; camera, cables, winch and PSU. Store in a dry area.
- Check all cables for damages. Damaged or corroded equipment and cables should be sent to service.
- When connecting/disconnecting the PSU; check all connections for damages, and that all rings and seals are in order.

WEEKLY

- Check all ropes, knots and the pulley for the strain relief on the hand rail, wipe the ropes if necessary, replace pulleys and rings if these are worn.
- Check all screws/fastening equipment.
- Wipe the camera lens.
- PC at barge: make sure it has sufficient air flow and no dirt/dust in fan.
- Wipe oxygen membrane on camera (Orbit-3500/3600) and sensor station (Orbit 880/86X).
- Clean the counterweight of any fouling/growth.
- Clean the depth sensor if there is growth around it.

INTERVAL FOR GENERAL SERVICE

After each season:

- Orbit 3100/3300/3400/3500/3600 camera

After every second season:

- Winch
- PSU
- Sensor station

MONTHLY

- Check the bracket for ring, mast and cabinets, make sure that everything is properly fixed.
- Surface, surveillance and dome cameras: Visual inspection of lenses and cables/contact – clean/replace if necessary.
- Antennas and cables: Inspect cables, contacts, dome and fastening equipment for bends/damage.
- Check the cables connected to the PSU. Add molykote if necessary.
- Check the weight's strain relief.
- Check the camera cables for cracks and damages, check that the camera is properly attached.
- Gamepad: Clean if necessary with a damp cloth.

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- Damaged equipment should be sent to ScaleAQ for service. Use the return form at scaleaq.com/service.
 - Please fill in all fields with the requested information. Send the equipment to the address below.