



DONOVIAN ARCTIC TTP PACKAGE

MARINE MAMMAL & SEA CREATURE OPERATIONS

(Irregular Maritime Warfare and Arctic Security)

PURPOSE

Donovian forces employ trained marine mammals and exploit natural sea-life behavior to support:

- Harbour security
- Counter-diver operations
- Reconnaissance
- Maritime surveillance
- Psychological operations
- Hybrid warfare

Marine mammals are primarily used in competition, crisis, and grey-zone activities where attribution remains difficult.

OPERATIONAL ASSESSMENT

The Arctic maritime environment limits:

- Sonar performance
- Persistent underwater surveillance
- Diver detection
- Port security

Marine mammals possess capabilities that remain difficult to replicate technologically:

- Sonar detection
- Endurance
- Underwater navigation
- Autonomous search behavior

Donovian doctrine treats them as a low-signature force multiplier.

KEY CAPABILITIES

Beluga Surveillance Platform

Roles

- Coastal surveillance
- Harbour monitoring
- Reconnaissance
- Camera carriage
- Underwater route verification

Advantages

- Indigenous Arctic species
- Naturally adapted to cold water
- Difficult to distinguish from normal wildlife
- Persistent presence

Belugas have repeatedly been associated with surveillance-related activities in Arctic waters.

Dolphin Counter-Diver Operations

Missions

- Detect infiltrators
- Locate combat swimmers
- Harbour protection
- Underwater search operations



Effects

- Increased uncertainty for SOF divers
- Rapid underwater target acquisition
- Defence of naval infrastructure

Historical military use of dolphins for harbour defence and diver detection remains a core Donovanian concept.

Seal Surveillance Networks

Roles

- Covert sensor platforms
- Underwater observation
- Environmental monitoring

Utility

Seals move naturally throughout operational areas, reducing suspicion.

Cetacean Psychological Operations

Objective

Create uncertainty among:

- Fishermen
- Civil shipping
- Naval forces
- Offshore infrastructure operators

Examples

- Interference with vessels
- Repeated approaches
- Behaviour suggesting observation

Psychological effects often exceed physical impact.

INDICATORS

- Restricted marine facilities
- Marine mammal pens
- Specialized veterinary support
- Military maritime research programs
- Repeated animal activity near naval facilities
- Camera or harness systems observed on wildlife

VULNERABILITIES

- Difficult training process
- Environmental unpredictability
- Public visibility
- Limited mission specialization
- Ethical and legal scrutiny

DONOVIAN ANALYTIC JUDGEMENT

Marine mammals are unlikely to replace conventional systems but are highly effective as:

- Ambiguity generators
- Harbour security assets
- Counter-diver tools
- ISR supplements
- Psychological warfare enablers