



Nuclear Legacy
Management

Opportunities and production capacity of RosRAO's subsidiaries «SevRAO» and «DalRAO»

- The subsidiaries possess specific technologies and are equipped with specific equipment that allows to form a 1-compartment units of reactor compartments (RC), decommissioned nuclear-powered submarines (NPS) and nuclear maintenance vessels (NMV).
- Disposal products (LRW and SRW) produced during NPS and NMV processing are compacted for further treatment and storage at RosRAO's production sites.
- Scrap metal produced during NPS and NMV processing is further returned to the national economy.
- Block packages of MNV and NPS reactor compartments are placed at controlled long-term storage sites.

Technological lifecycle stages of 3-compartment units of reactor compartments of the decommissioned nuclear-powered submarines and nuclear maintenance vessels

1. Storage of the 3-compartment units of the NPS reactor compartments in the waters of the company.
2. Above-water maintenance of the units and dry-docking for controls and RC NPS paint coating.
3. Lifting of 3-compartment units of NPS reactor compartments from the waters to the processing plate for:
 - 3-compartment unit processing;
 - SRW disposal;
 - 1-compartment RC unit shaping;
 - RC coating;
 - placing the 1-compartment RC units at the long-term storage site
4. Engineering supervision at all stages of storage and disposal of 3-compartment units of NPS and NMV reactor compartments.



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Water storage
of 3-compartment RC
units of the disposed
nuclear powered
submarines



Alignment
of 3-compartment
units. 3-compartment
units are placed into
the dock



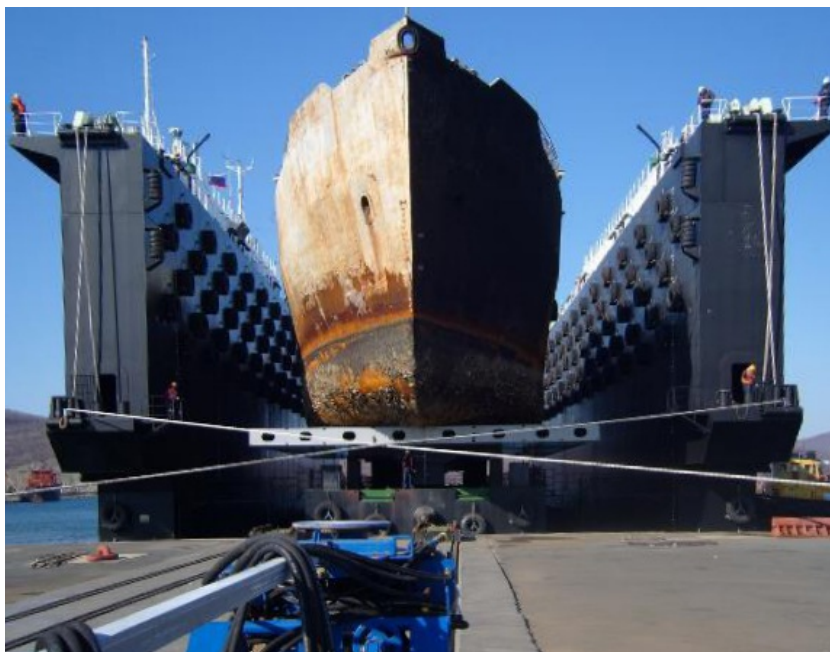
Surfacing of the dock
is performed,
units are on staples



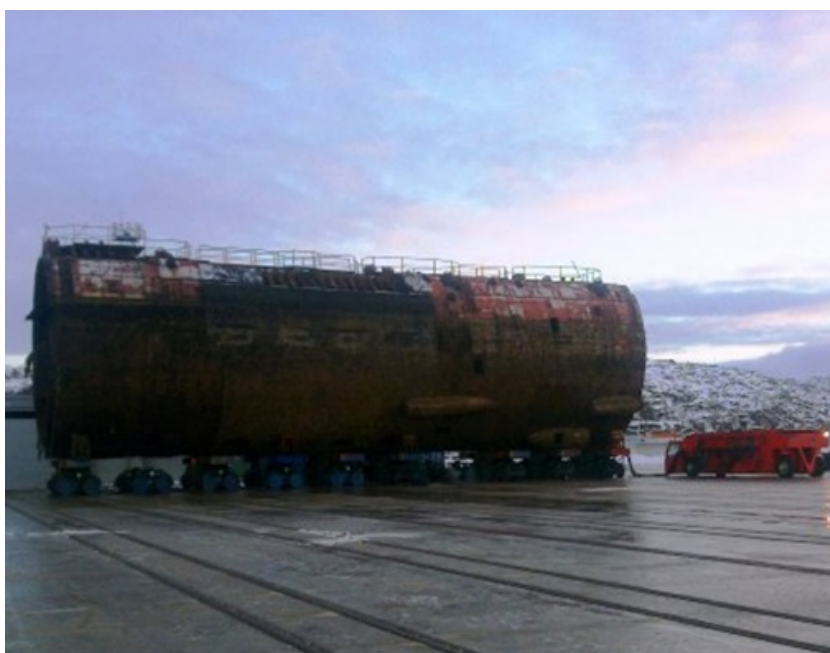
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Dock with
a 3-compartment unit
near the pier wall



NMV disposal



RC units rolling to the
long-term storage plate
for further disposal



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The units are placed
to the basement
and defouled,
waste is containerized



3-compartment
unit processing stages.
Shaping of a
1-compartment unit



3-compartment
unit processing stages.
Shaping of a
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3-compartment
unit processing stages.
Shaping of a
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RC unit formed for
long-term storage at a
long-term storage site



1-compartment RC
units at a long-term
storage site



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NMV block package



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