

## 2019 Oil Spill Response (OSR) Training and Exercise Results

**On 14 November 2019, jointly with Rosneft Oil Company, training exercises were conducted for response to a simulated oil spill at the industrial facility “North Chayvo Group of Wells”.**

**Topic:** Response to oil spill at the industrial facility “North Chayvo Group of Wells”

### **The observers from the following agencies witnessed at the Exercises:**

- Main Directorate of the RF Ministry for Civil Defense, Emergencies and Disaster Relief for Sakhalin Oblast;
- Sakhalin Oblast Agency for Civil Defense, Emergency Situations and Fire Safety (the subordinate institution: Sakhalin Oblast Directorate for Provision of Measures in the Sphere of Civil Defense, Protection from Emergencies and for Fire Safety);
- Sakhalin Oblast RTN Directorate.

### **Participants:**

- PERT ‘Center for Emergency, Rescue and Ecological Operations (TsASEO) – 11 persons;
- Ecoshelf’s waste management personnel – 20 persons;
- Kolchuga Security Agency personnel– 10 persons;
- Emergency Support Group (HQ) – 10 persons;
- Incident Management Group (HQ) – 20 persons;
- Chayvo OPF Committee for Emergency Response and Fire Safety (CES and FS) – 10 persons;
- Representatives of RN-Shelf-Far East - 3 persons.

### **Exercise scenario:**

It was based on a modelled scenario from the approved plan for prevention of and response to oil spills at the industrial facility “North Chayvo Group of Wells” - *Disintegration, Loss of Containment of an Oil Well WH*.

Pursuant to the RF Government Resolution #613 of 21 August 2000 “Urgent Measures for Prevention of and Response to Oil and Petroleum Product Spills, the maximum possible volume of oil and petroleum product spill at the north tip of Chayvo field is 1500 t of oil.

Source of Emergency (Oil)	Petroleum Product	Volume, m <sup>3</sup>	Weight, t
Well	Oil, gas	1829.3	1500

### **Exercise purpose:**

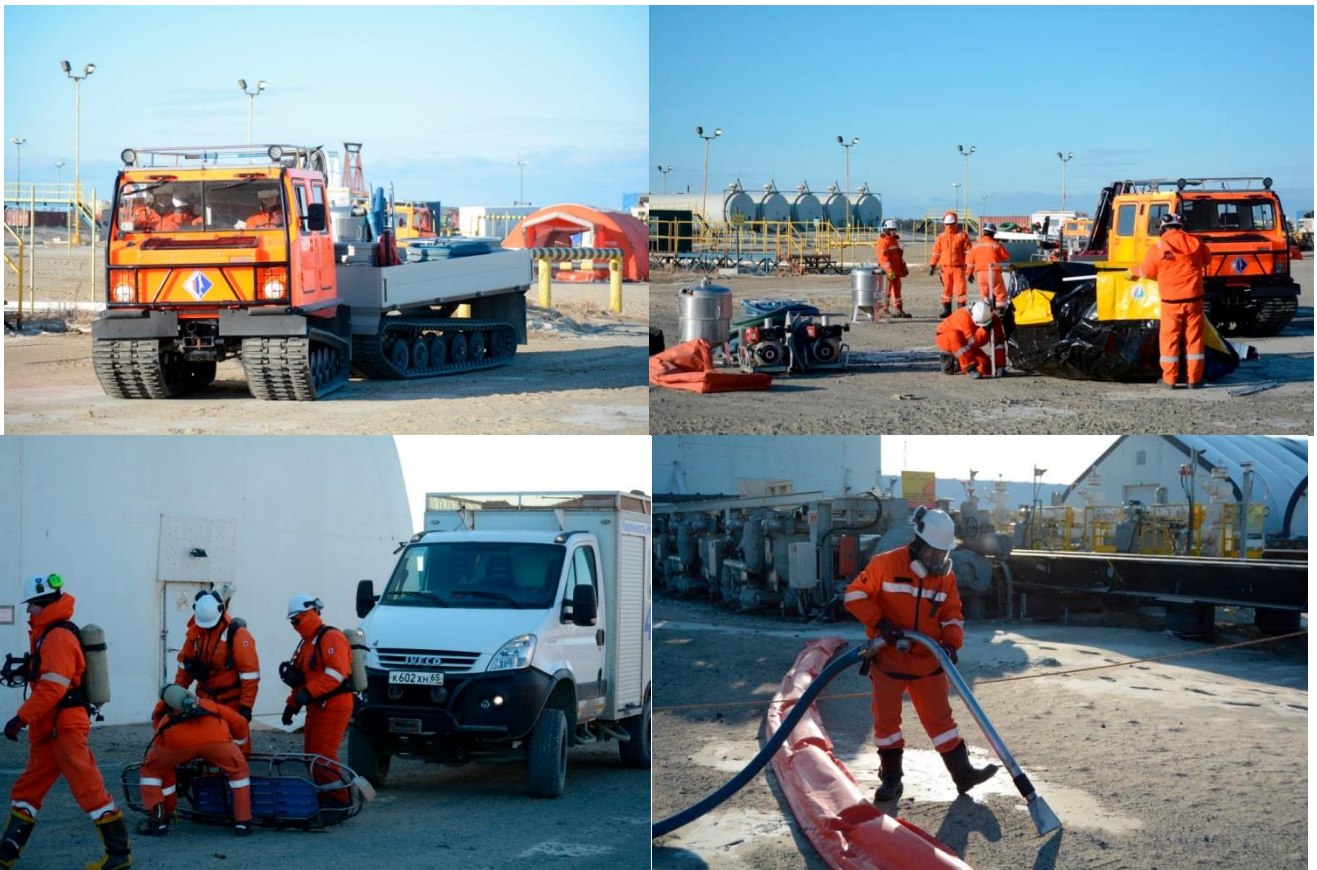
- Test of readiness of RN-Shelf-Far East (RNSFE) and Exxon Neftegas Limited (ENL) equipment and personnel for response to a Regional Tier emergency;
- Practical implementation of the approved plan for prevention of and response to oil spills at the industrial facility “North Chayvo Group of Wells” and of RNSFE/ENL interaction skills during OSR;
- Compliance with RF MChS requirements set forth in letter # 11-2-2856 of 12 July 2019;
- Drill aimed at interaction of own and engaged manpower and equipment for response to the maximum design oil spill volume under the scenario of prevention of and response to oil and petroleum product spills at the industrial facility “North Chayvo Group of Wells”;
- Testing the procedure for notification of and communication with the RF supervisory agencies;
- Practical deployment of the OSR equipment onshore and in the nearshore belt of the northeast area of the Sea of Okhotsk.

The exercise participants and observers commended the high level of training and cohesion of all teams involved in the Exercise. The purpose of the Exercise was accomplished.

## Work of the Operations Management Headquarters



## Deployment of response personnel and equipment at Chayvo WS



On 3 December 2019, desktop ER exercises were conducted on Orlan offshore drilling platform.

**Topic:** "Response to fire and petroleum product spill on Orlan offshore drilling platform and in the water area around Orlan platform"

**Manpower and resources:**

- ENL Operations Management Headquarters of ENL (Yuzhno-Sakhalinsk);
- ENL Emergency Support Group (Yuzhno-Sakhalinsk);
- Operations Management Headquarters on Orlan offshore drilling platform;
- Emergency Response Services on Orlan offshore drilling platform and the escort vessels.

**Exercise purpose:**

- Drill aimed at interaction of own and engaged manpower and equipment for elimination of emergencies (fire, oil spill);
- Testing the procedure for communication of Operations Management Headquarters on Orlan offshore drilling platform and ENL Operations Management Headquarters of ENL (Yuzhno-Sakhalinsk);
- Testing the procedure for notification of and communication with the RF supervisory agencies.

Readiness of OSR equipment and emergency service personnel at Chayvo OPF Orlan platform for oil spill response operations at onshore and offshore facilities was evaluated and confirmed during the 2019 training exercise.

**OSR and ER training**

Training is a key factor in emergency response preparation and has a direct impact on the safety and efficiency of all operations.

ENL training and exercise program ensures that all designated response personnel are able to respond to a spill in a quick and competent manner.

The training and exercise program includes the following basic sections:

- review of OSR regulations and training on the characteristics of facilities, including the OSR plan;
- training in oil spill response methods and the use of equipment, including drills and exercises (according to a regular schedule) and training in occupational safety and safety rules for performing the work;
- special tactical exercises involving equipment mobilization in the field conditions;
- tabletop exercises, including the Yuzhno-Sakhalinsk ESG and site Emergency Management Teams (EMTs);
- warning and notification exercises; and
- comprehensive exercises.

In order to maintain high readiness for OSR and emergency response, regular classes on specific topics, training sessions, and training classes were regularly held at all Sakhalin-1 facilities and attended by ENL and ENL subcontractor personnel. The following drills were conducted: OSR, fire safety, first aid, facility personnel assembly and evacuation procedures, etc.

Over 557 scheduled and unscheduled drills were held at Sakhalin-1 facilities in 2019:

- Berkut fixed offshore platform – 100 drills,
- Orlan fixed offshore platform – 118 drills,
- Odoptu North Wellsite — 117 drills,
- Chayvo OPF – 161 drills,
- De-Kastri OET– 80 drills.