

3.1. PRODUCTION ACTIVITIES

3.1.1. Composition of the fleet

As of 31 December 2018, the Group's fleet included 144 vessels with a total deadweight of 12,443 thousand tonnes.

Composition of the Sovcomflot Group fleet¹

Vessels by type	Number of vessels			Total deadweight, '000 tonnes		
	31/12/18	31/12/17	31/12/16	31/12/18	31/12/17	31/12/16
Crude oil tankers	53	59	59	7,006	7,653	7,653
Product tankers	48	49	49	3,071	3,120	3,120
Shuttle tankers	16	16	16	1,301	1,301	1,301
LNG and LPG carriers	13	13	12	870	870	790
Bulk carriers	2	2	2	150	150	150
Multifunctional icebreaking vessels	10	9	6	38	35	25
Seismic exploration vessels and chartered vessels	2	2	2	7	7	7
Total	144	150	146	12,443	13,136	13,046

For more information about the fleet, broken down by division, see section 1.1. of this Report, Company's profile. Detailed information about the vessels and their technical characteristics is available on SCF Group's website in the [List of vessels](#) section.

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NEW VESSELS

were added to the SCF fleet in 2018

In 2018 the Company continued to add new vessels to its fleet in accordance with the adopted strategy and long-term development programme aimed at promoting growth and renewal of the fleet as well as its technological enhancement and improvements in energy efficiency. During the year the SCF Group fleet was augmented by 4 vessels delivered by shipyards under previously concluded shipbuilding contracts (for more details see section 3.2.3. of this Report, Implementation of the shipbuilding programme).

The Long-Term Development Programme of PAO Sovcomflot provides for timely disposal of older vessels, as dictated by market conditions and prescribed by conventions, registries, and other national and international requirements (those of the International Maritime Organisation, classification societies, and charterers).

During 2018 Sovcomflot Group sold 10 over-age vessels in the second hand vessel market (nine Aframax tankers and one MR product tanker with an average age of over 17 years and a total deadweight of about one million tonnes).

Therefore, in 2018 the number of vessels in the Group's fleet decreased by 4%. Its total deadweight decreased by 693 thousand tonnes or by 5.3%.

10.2

YEARS

is the average age of the SCF Group fleet

The average age of the Group's fleet at the end of 2018 was 10.2 years, which is 12% less than the average for leading shipping companies (according to Clarksons).

Age characteristic of the Group's fleet as of 31 December 2018

Vessels by type	Average age in years
Crude oil tankers	11.2
Product tankers	10.8
Shuttle tankers	10.0
LNG and LPG carriers	7.4
Bulk carriers	6.0
Multifunctional icebreaking vessels	6.9
Research vessels and chartered vessels	7.1
SCF Group fleet	10.2

1. Including the fleet of joint ventures: 9 LR1 product carriers and 4 LNG carriers.