

PATROL FORCES

Notes: In addition to the patrol forces listed, *Pluton* 028 and *Strelets* 025, two Yug class former research vessels, are operated as patrol craft in Arctic waters.

8 ALPINIST (PROJECT 503) CLASS (PBO)

ANTIAS ARGAL BARS DIANA PALIYA PARELLA KURS GRINDA

Displacement, tons: 1,150 full load
 Dimensions, feet (metres): 176.2 × 34.4 × 13.4 (53.7 × 10.5 × 4.1)
 Main machinery: 1 diesel; 1 shaft; cp prop
 Speed, knots: 12. Range, n miles: 7,000 at 12 kt
 Complement: 44

Comment: Trawler design adapted for use as fishery protection role. The named ships were built at Volgograd and at Khabarovsk between 1997 and 2000 while the latest two (unnamed) ships were built at Yaroslavl and entered service in late 2001.



ALPINIST 9/2006, Globke Collection / 1159884

4 KOMANDOR CLASS (PSO)

KOMANDOR SHKIPER GYEK HERLUF BIDSTRUP MANCHZHUR

Displacement, tons: 2,435 full load
 Dimensions, feet (metres): 289.7 × 44.6 × 15.4 (88.3 × 13.6 × 4.7)
 Main machinery: 2 Russkiy SEMT-Pielstick 6 PC2.5 L400 diesels; 7,020 hp(m) (5.2 MW); 1 shaft; cp prop; bow thruster
 Speed, knots: 20
 Range, n miles: 7,000 at 19 kt
 Complement: 42
 Radars: Navigation: Furuno; I-band.
 Helicopters: 2 Ka-32 Helix D for SAR.

Comment: Specialist offshore patrol vessels ordered in December 1987 from Danyard, Frederikshaven, Denmark and delivered 1989–1990. The hangar is below the helicopter deck. Transferred from the Ministry of Fisheries to the Federal Border Guard and based in the Pacific.



MANCHZHUR 6/2003, Lemachko Collection / 0580538

5 IVAN SUSANIN (PROJECT 97P) CLASS (PATROL SHIPS) (PGH)

AISBERG 161 MURMANSK (ex-Dunay) 018 NEVA 170 ANADYR 173 VOLGA 183

Displacement, tons: 3,567 full load
 Dimensions, feet (metres): 229.7 × 59.4 × 21 (70 × 18.1 × 6.4)
 Main machinery: Diesel-electric; 3 Type 13-D-150 diesel generators; 3 motors; 5,400 hp(m) (4 MW); 3 shafts (1 fwd, 2 aft)
 Speed, knots: 14.5
 Range, n miles: 5,500 at 12.5 kt
 Complement: 45
 Guns: 2–3 in (76 mm)/59 AK 726 (twin); 90 rds/min to 16 km (8.5 n miles); weight of shell 5.9 kg. 2–30 mm/65 AK 630 (not in all).
 Radars: Surface search: Strut Curve; F-band.
 Navigation: 2 Don Kay or Palm Frond; I-band.
 Fire control: Hawk Screech; I-band.
 Helicopters: Platform only.

Comment: Built at Admiralty Yard, Leningrad between 1974 and 1981. Generally similar to Dobrynya Nikitich class though larger with a tripod mast and different superstructure. Former icebreakers operated primarily as patrol ships. Two in the Pacific and three in the Northern Fleet. Two deleted so far.



VOLGA 11/2007, Lemachko Collection / 1353309

18 SORUM (PROJECT 745P) CLASS (PBO)

AMUR 043	KAMCHATKA 198	ZABAYKALYE 196
MAGADNETS 044	GENERAL MATROSOV 101	TVER 022
AMUR 010	SAKHALIN 185	PRIMORYE 172
BREST 106	URAL 016	LADOGA 058
CHUKOTKA 011	BAYKAL (ex-Yan Berzin) 105	VICTOR KINGISEPP (ex-Vyatka) 035
KARELIA 103	ZAPOLARYE 038	BUG 142

Displacement, tons: 1,660 full load
 Dimensions, feet (metres): 190.2 × 41.3 × 15.1 (58 × 12.6 × 4.6)
 Main machinery: Diesel-electric; 2 Type 5-2-DW2 diesel generators; 2,900 hp(m) (2.13 MW); 1 motor; 2,000 hp(m) (1.47 MW); 1 shaft
 Speed, knots: 14
 Range, n miles: 3,500 at 13 kt
 Complement: 35
 Guns: 4–30 mm/65 (2 twin) (all fitted for, but only Border Guard ships carry them).
 Radars: Navigation: 2 Don 2 or Nayada; I-band.
 IFF: High Pole B.

Comment: A class of ocean tugs armed for use as patrol vessels in the North, Pacific, Baltic and Caspian. Built in Yaroslavl and Oktyabskoye from 1973 to 1989, design used for Ministry of Fisheries rescue tugs.



CHUKOTKA 5/2008*, Hachiro Nakai / 1353292

1 + (9) SPRUT (PROJECT 6457S) CLASS (PSO)

Name	No	Builders	Laid down	Launched	Commissioned
SPRUT	-	Yantar Shipyard, Kaliningrad	27 May 2002	12 Oct 2007	2008

Displacement, tons: 900 standard
 Dimensions, feet (metres): 216.2 × 34.8 × 11.5 (65.9 × 10.6 × 3.5)
 Main machinery: 1 MTU 16V 1163 diesel; 7,000 hp(m) (5.2 MW); 1 shaft; fixed propeller
 Speed, knots: 21.5
 Range, n miles: 12,000 at 12 kt
 Complement: 15 + 10 in temporary accommodation
 Radars: Surface search: I-band.
 Navigation: I-band.
 Helicopters: Platform for 1 light.

Comment: Specialist Fishery Protection vessel based on German Coast Guard Bad Bramstedt design. Steel hull with aluminium superstructure. Equipped with a high speed RHIB for interception. A class of ten is planned.



SPRUT 9/2008*, Frank Findler / 1353310

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