

## 9 + (11) MIRAZH (PROJECT 14310) CLASS (PBF)

117 401 402 +6

**Displacement, tons:** 126 full load  
**Dimensions, feet (metres):** 114.2 × 21.7 × 6.1 (34.8 × 6.6 × 1.85)  
**Main machinery:** 2 Zvezda M-521 diesels; 16,184 hp(m) (11.9 MW); 2 shafts  
**Speed, knots:** 48  
**Range, n miles:** 1,500 at 8 kt  
**Complement:** 12 (2 officers)  
**Guns:** 1—30 mm AK 306.  
 2—7.62 mm MGs.  
**Radars:** Surface search: I-band.

**Comment:** Designed by Almaz and built by Vympel Shipbuilding, Rybinsk. Aluminium-magnesium alloy construction. Three vessels authorised for construction in 1993 but only first of class was completed in 1998. It entered service with the Border Guard in 2001 and has been based in the Caspian Sea. Nine craft are believed to be in service and a class of 20 craft is reported to be required.



MIRAZH 6/2008\* / 1353313

## 12 ZHUK (GRIF) (PROJECT 1400/1400M) CLASS (COASTAL PATROL CRAFT) (PB)

PSKA series

**Displacement, tons:** 39 full load  
**Dimensions, feet (metres):** 78.7 × 16.4 × 3.9 (24 × 5 × 1.2)  
**Main machinery:** 2 Type M 401B diesels; 2,200 hp(m) (1.6 MW) sustained; 2 shafts  
**Speed, knots:** 30  
**Range, n miles:** 1,100 at 15 kt  
**Complement:** 11 (3 officers)  
**Guns:** 2—14.5 mm (twin, fwd) MGs. 1—12.7 mm (aft) MG.  
**Radars:** Surface search: Spin Trough; I-band.

**Comment:** Under construction from 1976. Manned by the Border Guard. Export versions have twin (over/under) 14.5 mm aft. Some have twin guns forward and aft. Ukraine Border Guard and has received 12 from the Russians. Eight are in the Baltic and four in the Black Sea. These are the last operational units.

**Transfers:** Algeria (one in 1981), Angola (one in 1977), Benin (four in 1978–80), Bulgaria (five in 1977), Cape Verde (one in 1980), Congo (three in 1982), Cuba (40 in 1971–88), Equatorial Guinea (three in 1974–75), Ethiopia (two in October 1982 and two in June 1990), Guinea (two in July 1987), Iraq (five in 1974–75), Cambodia (three in 1985–87), Mauritius (two in January 1990), Mozambique (five in 1978–80), Nicaragua (eight in 1982–86), Seychelles (one in 1981, one in October 1982), Somalia (one in 1974), Syria (six in 1981–84), Vietnam (nine in 1978–88 (at least one passed on to Cambodia), five in 1990 and two in 1995), North Yemen (five in 1978–87), South Yemen (two in 1975). Many have been deleted.



ZHUK 616 7/2008\*, Hartmut Ehlers / 1353312

## 6 MANGUST (PROJECT 12150) CLASS (PBF)

VASILY ILYASHENKO ANDREY ROZHKOVA SVYATAYA KSENIYA +3

**Displacement, tons:** 28.7 standard  
**Dimensions, feet (metres):** 64.0 × 15.1 × 3.8 (19.5 × 4.6 × 1.15)  
**Main machinery:** 2 Zvezda M-470 diesels; 2 Arneson dive props  
**Speed, knots:** 53  
**Range, n miles:** 410 at 35 kt  
**Complement:** 6  
**Guns:** 2—14.5 mm MGs.  
**Radars:** Navigation: I-band.

**Comment:** Prototype TS 300 built by Vympel, Rybinsk for the Customs service and completed in 1998. GRP construction. First Border Guard unit entered service in 2001. Further orders are expected.



MANGUST 601 6/2005, A Sheldon-Duplaix / 1164804

## 1 A-125 CLASS (PBF)

VALENTIN CHUJKIN

**Displacement, tons:** 26.0 full load  
**Dimensions, feet (metres):** 57.7 × 13.8 × 3.3 (17.6 × 4.2 × 1.0)  
**Main machinery:** 2 MTU 8V2000M90 diesels; 1,830 hp (1.34 MW); 2 waterjets  
**Speed, knots:** 45  
**Complement:** To be announced

**Comment:** Designed and built by Almaz, St Petersburg and delivered in 2004.



A-125 6/2005, A Sheldon-Duplaix / 1164803

## 27 TYPE 1496 CLASS (PBO)

**Displacement, tons:** 107 full load  
**Dimensions, feet (metres):** 76.8 × 19.3 × 6.1 (23.4 × 5.9 × 1.9)  
**Main machinery:** 1 diesel; 315 hp (230 kW); 1 shaft; fixed propeller  
**Speed, knots:** 10  
**Range, n miles:** 450 at 10 kt  
**Guns:** 1—14.5 mm MG.  
**Radars:** Surface search/navigation: I-band.

**Comment:** Former tugs employed as patrol craft. Likely to be armed.



TYPE 1496 8/2006, Lemachko Collection / 1159858

## 0 + 1 PROJECT 22460 CLASS (PATROL SHIP) (PSO)

**Displacement, tons:** 630 full load  
**Dimensions, feet (metres):** 205.0 × 7 × 7 (62.5 × 7 × 7)  
**Main machinery:** To be announced  
**Speed, knots:** 30  
**Range, n miles:** 3,500 at 12 kt  
**Complement:** 44  
**Helicopters:** Platform for 1 medium.

**Comment:** First vessel of a new class of helicopter-capable patrol ships laid down at Almaz, St Petersburg on 3 September 2007.