

**Agenda Item 6.1.1: High Speed Ferries**

**High Speed Ferries. Secretariat's Update**

**Submitted by: Secretariat**



***NOTE:***  
**IN THE INTERESTS OF ECONOMY, DELEGATES ARE KINDLY RE MINDED TO BRING  
THEIR OWN COPIES OF THESE DOCUMENTS TO THE MEETING**

## **High-Speed Ferries: Secretariat's Update**

At its 7<sup>th</sup> Meeting in March 2000, the Advisory Committee asked the Secretariat to continue monitoring information on high-speed ferries and their potential impact on small cetaceans (cf. AC7 Report, P. 8). The AC agreed that the following definition of high-speed ferries should be used: *All types of vessels (including hovercraft) capable of travelling at speeds in excess of 30 knots.* The data on high-speed ferry connections submitted by Parties and Range States in response to the Secretariat's questionnaire are compiled in the attached table.

Once again only five Parties reported. As a result, this compilation once again does not cover the whole of the Agreement area and the information received for certain other regions is likely to be incomplete. A comparison between this year's report and those of previous years is therefore once again likely to be of limited use.

## Overview of High-Speed Ferry routes in the ASCOBANS area and adjacent waters in 2003

Name/type of craft	Route (return)	Round trips/day	Speed (kph/knots)	Capacity (passengers/cars)	Size/tonnage	Engine power
<b>Baltic Sea</b>						
Tallink Autoexpress 1/catamaran	Helsinki ó Tallinn	3	34 knots	556/150		
Tallink Autoexpress 2 / catamaran	Helsinki ó Tallinn	3	34 knots	660/175		
Nordic Jet / catamaran	Helsinki ó Tallinn	3	38/40.5 knots	428/55 or 38 cars +2 buses	120 tons	2 x 7 200 kW
Baltic Jet / catamaran	Helsinki ó Tallinn	3	38/40.5 knots	428/55 or 38 cars +2 buses	120 tons	2 x 7 200 kW
Super Sea Cat Four / catamaran	Helsinki ó Tallinn		38 (max. 42) knots	722/140 cars + 4 buses		
Super Sea Cat Three / catamaran	Helsinki ó Tallinn	5-7 (together with Super Sea Cat Four)	38 (max. 42) knots	640/140 cars + 4 buses		
Finnjet / ship	Helsinki ó Tallinn Summer: Helsinki ó Tallinn ó Rostock Winter: Helsinki ó Tallinn	0.5	Gas turbine 30,5 Diesel 18	1781/395		55 000 kW/11 520 kW
Jaanika / hydrofoil	Helsinki ó Tallinn	6-7 (together with Laura and Linda Express)	38 knots	192		2 x 2 200 kW
Laura / hydrofoil	Helsinki ó Tallinn		38 knots	182		2 x 2 200 kW
Linda Express / foilcat	Helsinki ó Tallinn		55	286		4 x 1700 kW
Superfast VII and VIII	Helsinki ó Rostock	0.5	27.1/max. 30.4	626/661 cars or 82 cards + 98 18m-trailers or 110 16m-trailers	30/285 GRT	3 x 2 000 kW, 2x 2 100 kVA
HSC Gotland	Nynäshamn ó Visby		35 knots	700/140	5632/450	28 000 kW
Delphin	Rostock ó Trelleborg	2 (16 <sup>th</sup> Mar – 22 <sup>nd</sup> May and 3 <sup>rd</sup> )	67/36	600	-	24 000 KW

		Sept – 2 <sup>nd</sup> Jan) 3 (22 <sup>nd</sup> June – 2 <sup>nd</sup> Sept)				
HSC Villum Clausen	Ystad ó Rønne		41 knots (max 50)	1037/186	6402/485	36 000 kW
Superfast VII and Superfast VIII	Rostock ó Hanko	1	56/30	626	30 285 GRT	46 080 HP
Superfast IX and Superfast X	Rostock ó Södertelje	1 (only 17 <sup>th</sup> Jan – 21 <sup>st</sup> April 2002)	56/30	626	30 285 GRT	46 080 HP

<b>Kattegat and Belt Sea</b>						
Cat-Link IV / Incat 046	Århus ó Odden		42-44 knob			
Mai og Mie Mols SWATH-type	Odden ó Æbeltoft		45- 48 knob	450 persons 120 cars	984 ton	16860 HK
Stena- Line / HSS 900 *	Göteborg ó Frederikshavn		40 knob	900 persons 210 cars	450 ton	44000 HK
Max Mols & Mads Mols, Incat 91 m 1a1 HSLC R1 Car Ferry "A" EO	Køge ó Rønne		44 knob	800 persons 225 cars		4 x 7080 kw
Max Mols Incat 91 m 1a1 HSLC R1 Car Ferry "A" EO	Rønne ó Ystad ( Sverige)		44 knob	800 persons 225 cars		4 x 7080 kw
Super Seacat One / MDV1200	Göteborg ó Frederikshavn		40 knob	-	1250 ton	4X 6875 kW
Villum Clausen	Rønne ó Ystad (Sverige)		40 knob			
MS Salten / LIRM	Nexø ó Kolbrzeg/Ustka		32 knob	200 persons	-	640 kW
<b>Øresund</b>						
Hansa/Baltic Jet DQLN/DQVB	København -		36 knob	342	466 BRZ	
<b>North Sea</b>						
Silvia Ana L /DNV, 1A1 HSLC Car ferry AR1 EO	Hirshals ó Kristiansand		40 knob	1036 persons 238 cars	1846 ton	46100 HK

Cat No. 1	Hooksiel ó Sylt	1 (on 12 days/year (Apr-Oct))	74/40 knots	432	-	12 633 HP
Cat No. 1	Sylt ó Helgoland	1 (40 days/year, April-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Amrum ó Helgoland	1 (19 days/year, April-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Langeoog ó Helgoland	1 (17 days/year, Mar-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Norderney ó Helgoland	1 (60 days/year, Mar-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Nordeich ó Norderney ó Helgoland	1 (4 days/year, Jun-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Hooksiel ó Helgoland	1 (on 49 days/year, April-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Hooksiel ó Sylt	1 on 12 days/year (April-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Büsum ó Helgoland	1 (on 12 days/year (April-Sep))	74/40 knots	432	-	12 633 HP
Hanse Jet II	Hamburg-Wedel ó Cuxhaven ó Helgoland	1 (daily, 5 <sup>th</sup> Apr – 14 <sup>th</sup> May)	67/36 knots	342	-	6 600 HP
Super Jet	Hamburg-Wedel ó Cuxhaven ó Helgoland	1 (daily, 15 <sup>th</sup> May – 26 <sup>th</sup> Oct) 3-5 (31 <sup>st</sup> Mar – 2 <sup>nd</sup> Nov) 0-3 (3 <sup>rd</sup> Nov – 5 <sup>th</sup> Jan)	67/36 knots	579	-	6 960 KW

MS Polarstern	Ditzum ó Emden ó Eemshaven ó Borkum ó Helgoland	9x per month (Apr – Oct)	78/42	402		10 000 HP
MS Polarstern	Emden ó Eemshaven (NL) ó Borkum	1x week (31 <sup>st</sup> Mar – 2 <sup>nd</sup> Nov)	78/42	402	-	10 000 HP
M/S Speedy	Bremen ó Bremerhaven ó Helgoland	1 (01 <sup>st</sup> May – 5 <sup>th</sup> Oct)	65/35	324	-	5 480 HP

<b>English Channel</b>						
Catalonia	Portsmouth ó Cherbourg	2/(3, peak)	36 knots	869/200 approx	91m 5902 GT	28 800 kW
Red Jet 1 Red Jet 2 Red Jet 3 Red Jet 4	Southampton ó Cowes (IoW)	2/18	33.5 knots	138	32.5/168 GRT	1 360 kW
		18/2	33.5 knots	138	32.5/168 GRT	1 360 kW
		16	33.5 knots	187	32.9/213 GRT	1 500 kW
				35 knots	275	39.8/342 GRT
Condor Express	Weymouth ó Guernsey ó Jersey	2	40 knots	754 /185	5007 grt	28 Mw
Condor Vitesse	Poole ó Cherbourg St Malo ó Poole	1	40 knots	754 /185	5005 grt 8	28 Mw
Condor 10	St Malo ó Jersey ó Guernsey ó St Malo	3	36 knots	584 /84	3300 grt	20 Mw
Fastcat Ryde Catamaran	Portsmouth ó Ryde (IoW)	Varies up to 21	34 knots	361 passengers	GRT 478 LOA (m) 40	4 000 kW
Fastcat Shanklin Catamaran	Portsmouth ó Ryde (IoW)	Varies up to 21	34 knots	361 passengers	GRT 482 LOA (m) 40	4 000 kW

<b>Irish Sea</b>						
Super Seacat two	Liverpool - Dublin	Up to 3	33-37	694 PAX	4662	27500kw
Sea Cat Isle of Man catamaran	Douglas ó Liverpool	Up to 3	32-35 knots	576 PAX /75	74m/GT3003t	17160 kW
74m Wave Piercer	Douglas ó Heysham					
74m Wave Piercer	Douglas ó Belfast					
74m Wave Piercer	Douglas ó Dublin					
Stena HSS 1500	Holyhead ó Dun Loaghaire	3	40 knots	1500/350	19638 GRT	82 MgW

Stena Line HSS 1500	Stranraer ó Belfast	5	40 knots	1500/350	19638 GRT	82 MgW
Superstar Express 82m Catamaran	Larne ó Cairnryan	2	36	850/176	82.3m – 5517 gt	26 Mw
100m Monohull	Isle of Man			140 cars		

## High speed ferries timetable in Poland 2003

Name /type of craft	Route (return)	No. of round trips per day	Speed (knots)	Capacity (passengers)	Size/ tonnage	Engine power	Shipowner
HS Merlin (hydrofoil)	<sup>1</sup> Gdynia-Hel	5, 2-R <i>(1 May-15 Sept only)</i>	32	70	20 tons	736 KW	<b>Zegluga Gdynska</b>
	<sup>2</sup> Gdynia-Jastarnia	2, 4-R <i>(1 May-15 Sept only)</i>					
	<sup>3</sup> Sopot-Hel	3 <i>(1 May-15 Sept only)</i>					
	<sup>4</sup> Sopot-Jastarnia	3 <i>(1 May-15 Sept only)</i>					
Delfin I (hydrofoil)	<sup>5</sup> Kolobrzeg-Nexo	1 <i>(10 April-31 May: We,Sa,Su; 1 June-31 August: all week; 1 Sept-31 Oct: We,Sa,Su)</i>	36	130	31,9m / 60 tons	2 x 960 KW	Zegluga Kolobrzaska
Polesie (hydrofoil) (pod bandera rosyjska)	<sup>6</sup> Elblag-Krynica Morska	1 <i>(1 May-15 Sept)</i>	28	43	31 BRT	736 KW	Zegluga Gdan- ska
	<sup>7</sup> Frombork-Kaliningrad	1 <i>(1 May-15 Sept)</i>					
	<sup>8</sup> Frombork-Krynica Morska	1 <i>(1 May-15 Sept)</i>					
HSC Baltic Spirit	<sup>9</sup> Kolobrzeg-Nexo	1 <i>(26-Feb-31Aug: We,Th)</i>	30	240	286 BRT	2 x 1500 KW	

<b>Name /type of craft</b>	<b>Route (return)</b>	<b>No. of round trips per day</b>	<b>Speed (knots)</b>	<b>Capacity (passengers)</b>	<b>Size/ tonnage</b>	<b>Engine power</b>	<b>Shipowner</b>
(high speed catamaran)  HSC Baltic Spirit (high speed catamaran)	<sup>10</sup> Ustka-Nexo	1 (22 Jue-31 Aug: Sa,Su, Mo)	30	240	286 tons	2 x 1500 KW	Zegluga Gdanska
	<sup>11</sup> Darlowo-Nexo	1 (25 Jun-31Aug: Tu,Fr)					
	<sup>12</sup> Ustka-Darlowo	1 (22 Jun-31 Aug: Mo-return-Fr)					
	<sup>13</sup> Darlowo-Kolobrzeg	1 (22 Jue-31 Aug: Tu-return-Th)					
Tornado –I (hydrofoil)	<sup>12</sup> Ustka - Nexo	1 (19 Jun –31Aug. Wed)	32	124	130 BRT	2 x 960 KW	
	<sup>11</sup> Darlowo - Nexo	1 (19 Jun –31Aug. Thu)					
	<sup>9</sup> Kolobrzeg - Nexo	1 (1-4 May, Thu, Fr, Sat, Sun)					
		1 (5 May – 18 Jun Fr, Sat, Sun)					
		1R (5 May – 18 Jun Tue, Wed, Thu)					
		1 (19 Jun – 4 Jul Fr, Sat, Sun )					
Tornado –I (hydrofoil)	<sup>9</sup> Kolobrzeg - Nexo	1R (19 Jun – 4 Jul, Mon, Wed)	32	124	130 BRT	2 x 960 KW	

Name /type of craft	Route (return)	No. of round trips per day	Speed (knots)	Capacity (passengers)	Size/ tonnage	Engine power	Shipowner
		1 (5 Jul – 5 Aug , Mon, Sun)	32	124	130 BRT	2 x 960 KW	
		1 (5 Jul – 5 Aug , Tue, Fr, Sat)					
		1 (1-30 Sep, Fr, Sat, Sun)					
		1R (1-30 Sep, Tue, Wed, Thu)					
Tornado I (hydrofoil)	Gdynia – Hel -Kaliningrad	<i>June 20 to September 30</i>	32	124	130 BRT	2 x 960 KW	
Raketa (hydrofoil)	<sup>14</sup> Gulf of Gdansk (Gdynia -Hel and others)		26	64	77 BRT	730	Zegluga Gdanska
Zodiak or Pogwizd (hydrofoils)	<sup>15</sup> Gdynia-Hel	2 (?) (01 May-30 Oct.)	32*	116	35 m / 60 tons	1000 KM	Polish Navy

1.1 All types of vessels (including hovercraft) capable of traveling at speeds in excess of 30 kots.

1.2 LEGEND:

*R-* additional reserved trips; *?-* data has not been rendered accessible by the shipowner;

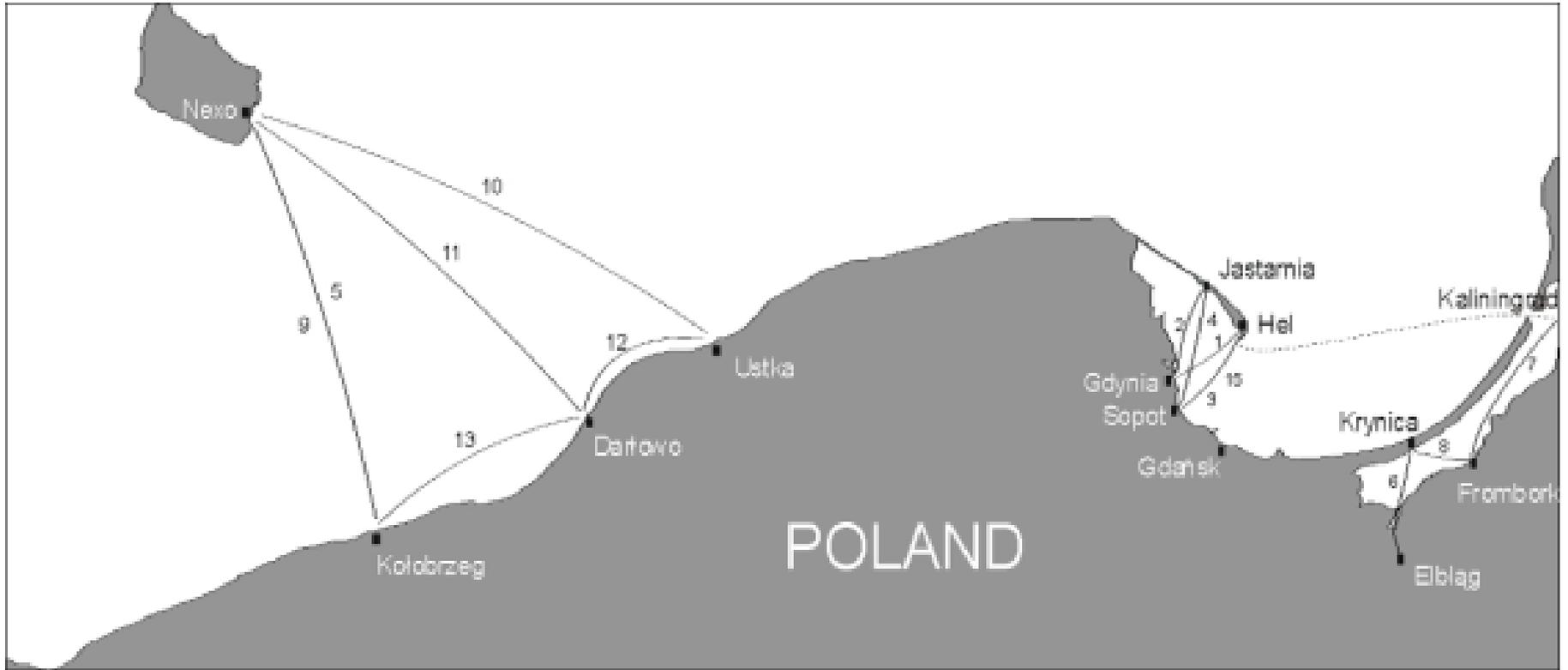
*\*-* according to the navy experts opinion this crafts can reach a maximum speed of 26 -27 knots nowadays;

*?\*-* data has not been rendered accessible by the ship owner, however it is presumed that this hydrofoil made ca. 5 round trips a day in the period 15 June - 31 October

<sup>1-15</sup> - this numbers are connected to the enclosed map (Map 1).

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Map 1. Routes of high speed ferries operating in Poland in 2003