

**Agenda Item 5.1.1: High-speed ferries**

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

**Submitted by: Secretariat**



**ASCOBANS**

***NOTE:***  
**IN THE INTERESTS OF ECONOMY, DELEGATES ARE KINDLY REMINDED 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 2002

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 ⇔ Tallinn	3	38 knots	556/150		
Tallink Autoexpress 2 / catamaran	Helsinki ⇔ Tallinn	3	34 knots	660/175		
Nordic Jet / catamaran	Helsinki ⇔ Tallinn	3	38/40.5 knots	428/55 or 38 cars +2 buses	120 tons	2 x 7 200 kW
Baltic Jet / catamaran	Helsinki ⇔ 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 ⇔ Tallinn	5-7 (together with Super Sea Cat One)	38 (max. 42) knots	722/140 cars + 4 buses		
Finnjet / ship	Summer: Helsinki ⇔ Tallinn ⇔ Rostock Winter: Helsinki ⇔ Tallinn	0.5	30.5/16.8 knots	1781/395		55 000 kW/11 520 kW
Jaanika / hydrofoil	Helsinki ⇔ Tallinn	6-7 (together with Laura)	38 knots	192		2 x 2 200 kW
Laura / hydrofoil	Helsinki ⇔ Tallinn		38 knots	190		2 x 2 200 kW
Linda Express / foilcat	Helsinki ⇔ Tallinn		55	286		4 x 1700 kW
Superfast	Helsinki ⇔ Rostock	0.5	27.1/max. 30.4	626/661 cars or 82 cards + 98 18m-trailers or 110 16m-trailers	30/285 GRT	
HSC Gotland	Nynäshamn ⇔ Visby		35 knots	700/140	5632/450	28 000 kW
Delphin	Rostock ⇔ Trelleborg		37.5 knots	600/175	5541/346	32 172 hK
HSC Villum Clausen	Ystad ⇔ Rönne		41 knots (max 50)	1037/186	6402/485	36 000 kW
Superfast VII and Superfast VIII	Rostock ⇔ Hanko	1	56/30	626	30 285 GRT	46 080 HP
Superfast IX and Superfast X	Rostock ⇔ Södertelje	1	56/30	626	30 285 GRT	46 080 HP

<b>Kattegat and Belt Sea</b>						
HSS Stena Carisma	Gothenburg ⇄ Frederikshavn		40 knots	900/210	8631/480	44 000 hK
<b>North Sea</b>						
Cat No. 1	Sylt ⇄ Helgoland	1 (30 days/year, Mar-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Amrum ⇄ Helgoland	1 (31 days/year, Mar-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Langeoog ⇄ Helgoland	1 (17 days/year, Mar-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Norderney ⇄ Helgoland	1 (60 days/year, Mar-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Norddeich ⇄ Norderney ⇄ Helgoland	1 (4 days/year, Jun-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Hooksiel ⇄ Helgoland	1 (on 58 days/year, Mar-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Hooksiel ⇄ Sylt	1 on 2 days/year (18 Aug + 19 Sep)	74/40 knots	432	-	12 633 HP
Hanse Jet II	Hamburg-Wedel ⇄ Cuxhaven ⇄ Helgoland	1 (28 Mar - 27 Oct only)	67/36 knots	342	-	6 600 HP
M/S Vargoy	Hamburg ⇄ Cuxhaven ⇄ Helgoland	1 (Mar-Oct)	65/36 knots	230	-	5 400 kW
M/S Nordlicht and M/S Polarstern	Emden ⇄ Borkum	2 (27 Feb - 17 Mar) 3 (18 Mar - 27 Oct) 2 (28 Oct - 6 Jan)	70/38 78/42	272 402	- -	5 548 HP 10 000 HP

MS Polarstern	Ditzum ⇔ Emden ⇔ Eemshaven ⇔ Borkum ⇔ Helgoland	2/week (5 May - 3 Jun and 25 Sept - 20 Oct) 3/week (4 Jun - 24 Sep)	78/42	402		10 000 HPPS
<b>English Channel</b>						
Catalonia Incat 91	Portsmouth ⇔ Cherbourg	2	40 knots	360/200	91m	28 800 kW
Red Jet 1 Red Jet 2 Red Jet 3	Southampton ⇔ Cowes (IoW)	2/18 18/2 16	36 knots	138 138 190	32.5/168 GRT 32.5/168 GRT 33.5/213 GRT	1 360 kW 1 360 kW 1 500 kW
SuperSeacat I Fincantieri HS Ropax Monohull	Newhaven ⇔ Dieppe	2	37 knots	700/140	100m/GT4662t	4 x Ruston 16RK270M, each 4964 BHP (3650 kW) each driving LIPS water jets type IRC 115 DA, 4 of which are steering jets
Hoverspeed Great Brit- ain INCAT 74m HS Ropax Catamaran	Dover ⇔ Calais	4	36 knots	340/85	74m/GT3003t	4 x Ruston 16RK270M, each 4964 BHP (3650 kW) each driving LIPS water jets type IRC 115 DA, 4 of which are steering jets
Seacat Danmark INCAT 74m HS Ropax Catamaran	Dover ⇔ Calais	4	36 knots	430/85	74m/GT3003t	as above
Seacat France INCAT 74m HS Ropax Catamaran	Dover ⇔ Calais	4	36 knots	430/85	74m/GT3003t	as above
Seacat Diamant INCAT 81m HS Ropax Catamaran	Dover ⇔ Calais	4	35 knots	654/140	81m/GT4305t	4 x Ruston 16RK270 Mk2, 555 500 kW each driving LIPS water jets type LJ1 35/8DL, 4 of which are steering jets

Condor Express Incat 86m Wavepiercer	Weymouth ⇄ Guernsey ⇄ Jersey ⇄ Poole	2 winter operating Wey- mouth/Cha- nnel Is- lands/Wey mouth	40 knots	800/185	86m	29 mw
Condor Vitesse, Incat 86m Wavepiercer	Poole ⇄ Cherbourg Guernsey ⇄ St Malo Guernsey ⇄ Poole	1 summer only	40 knots	800/185	86m	29 mw
Condor 10, Incat 74m Wavepiercer	St Malo ⇄ Jersey ⇄ Guernsey ⇄ St Malo	3 summer only	35 knots	600/84	74m LOA	20 mw
Double O Seven Hovercraft	Ryde ⇄ Isle of Wight ⇄ Southsea, Hampshire	70 summer, 60 winter	max. 45 knots	95 passengers	LOA 24.5m, Beam 11.2m, 1011.95gt	4 x 386 kW
Island Express Hover- craft	As above	As above	As above	As above	LOA 25.4m, Beam 11.2m, 102.92gt	2 x 613 kW, 2 x 386 kW
Freedom 40 Hovercraft	As above	As above	As above	As above	LOA 25.4m, Beam 11.2m, 102.92gt	2 x 613 kW, 2 x 386 kW
Fastcat Ryde Catamaran	Portsmouth ⇄ Ryde (IoW)	33 trips collectively	34 knots	361 passengers	GRT 478 LOA (m) 40	4 000 kW
Fastcat Shanklin Catamaran	Portsmouth ⇄ Ryde (IoW)		34 knots	361 passengers	GRT 482 LOA (m) 40	4 000 kW
<b>Irish Sea</b>						
Rapide INCAT 81 m HS Ropax Catamaran	Belfast ⇄ Heysham	2	34 knots	650/140	81m/GT4112t	4 x Ruston 16RK270 Mk2, 5 500 kW, each driving LIPS water jets type LJ1 35/8DL, 4 of which are steering jets
SuperSeacat III Fincantieri HS Ropax Monohull	Liverpool ⇄ Douglas (IoM) Liverpool ⇄ Dublin	1 1	37 knots	700/140	81m/GT4663t	4 x Ruston 16RK270M, each 4964 BHP (3650 kW) each driving LIPS water jets type IRC 115 DA, 4 of which are steering jets

Sea Cat Scotland INCAT 74 m HS Ropax Catamaran	Troon ⇄ Belfast	3	34 knots	431/80	74m/GT3003t	As above
Sea Cat Isle of Man catamaran	Douglas ⇄ Liverpool Douglas ⇄ Heysham Douglas ⇄ Belfast Douglas ⇄ Dublin	1 weekly 2 weekly 2 weekly 3 weekly	34 knots	516/80	74m/GT3003t	As above
Stena HSS 1500	Holyhead ⇄ Dun Loaghaire	3/4	40 knots	1500/375	19638 GRT	2 x 21 200 kW 2 x 13 700 kW
Stena Line HSS 1500	Stranraer ⇄ Belfast	5	40 knots	1500/375	19638 GRT	2 x 21 200 kW 2 x 13 700 kW
Stena Line Incat 81m	Fishguard ⇄ Rosslare	2/3	37 knots	627/140	4113 GRT	4 x 5 500 kW
Irish Ferries HSC Jonathan Swift Austal 86m Catamaran	Dublin ⇄ Holyhead	3	39.5 knots	768/200	86m x 24m GT5989	28 000 kW
Superstar Express 82m Catamaran	Larne ⇄ Cairnryan	5	35	850	82m, 1256mt, full load dis- placement	26 mw