

Agenda Item 5.1.1: High-speed ferries

High-speed ferries: Secretariat's update

Submitted by: Secretariat



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 7th 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.

As in previous years only six Parties reported consequently. No reports were received from Non-Party Range States. This compilation covers only parties of the Agreement area and the information received for certain regions is likely to be incomplete. A comparison between this year's report and those of previous years is therefore of limited use since trends cannot be established.

Overview of High-Speed Ferry routes in the ASCOBANS area and adjacent waters in 2004

Name/type of craft	Route (return)	Round trips/day	Speed (kph/knots)	Capacity (passengers/cars)	Size/tonnage	Engine power
Baltic Sea						
Tallink Autoexpress 1/catamaran	Helsinki ⇔ Tallinn	2	34 knots	556/150		
Tallink Autoexpress 2 / catamaran	Helsinki ⇔ Tallinn	2	34 knots	660/175		
Tallink Autoexpress 3 / catamaran	Helsinki ⇔ Tallinn	2	34 knots	580/175		
Nordic Jet / catamaran	Helsinki ⇔ Tallinn	3.5	38/40.5 knots	428/55 or 38 cars +2 buses	120 tons	2 x 7 200 kW
Baltic Jet / catamaran	Helsinki ⇔ Tallinn	3.5	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		38 (max. 42) knots	707/140 cars + 4 buses		
Super Sea Cat Three / catamaran	Helsinki ⇔ Tallin	5-7 (together with Super Sea Cat Four)	38 (max. 42) knots	671/140 cars + 4 buses		
Finnjet / ship	Rostock – Tallinn – St. Petersburg	2	Gas turbine 30,5 Diesel 18	1781/395		55 000 kW/11 520 kW
Jaanika / hydrofoil	Helsinki ⇔ Tallinn	8 (together with Laura and Linda Express)	38 knots	192		2 x 2 200 kW
Laura / hydrofoil	Helsinki ⇔ Tallinn		38 knots	182		2 x 2 200 kW
Linda Express / foilcat	Helsinki ⇔ Tallinn		55	286		4 x 1700 kW
Superfast VII and VIII	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	3 x 2 000 kW, 2x 2 100 kVA
Superfast VII and VIII	Rostock ⇔ Hanko (FIN)	1	56/30 (both ships identical)	626	30/285 GRT	46.080 HP

HSC Gotland	Nynäshamn ⇔ Visby	2-4	35 knots	700/140	5632/450	28 000 kW
HSC Delphin ¹	Trelleborg ⇔ Rostock	2	37.5	600/175	5541/346	32 172 HK
HSC Delphin ²	Rostock ⇔ Trelleborg	1 (Mo-Thu, 22 nd Mar – 13 th May and 6 th Sept – 19 th Dec) 2 (Fri-Su, 19 th Mar – 9 th May) 2 (14 th -5 th Sept)	67/36	600	-	24 000 KW
English Channel						
Express (Incat 91)	Portsmouth ⇔ Cherbourg (2 april -30 september)	2 (majority) 3 (8 days only)	40 knots	868 PAX, 225 Cars	5902 GT	28 800 kW
Max Mols (Incat 91)	Portsmouth ⇔ Caen (2 April – 30 September)	2 (peak periods) 1 (remainder)	40 knots	770 PAX, 220 cars	5617 GT	28320 kw
Island Express	Ryde ⇔ Southsea	15	Up to 45 knots	95	102 GT	2.600 hp
Freedom - 90	Ryde ⇔ Southsea	15	Up to 45 knots	95	102 GT	2.600 hp
Condor Express	Weymouth ⇔ Channel Islands ⇔ Poole	2	40 knots	800 /185	5005	28 Mw
Condor Vitesse	Poole⇔ Cherbourg⇔ Poole⇔ St Malo⇔ Poole	1	40 knots	800 /185	5005	28 Mw
Condor 10	St Malo ⇔ Channel Islands	3	36 knots	600 /84	3000	20 Mw
Fastcat Ryde Passenger – high speed craft	Portsmouth harbour ⇔ Ryde Pier Head	Up to 19	34 knots	361 PAX	478 GT	4 000 kW

¹ Information provided by Sweden

² Information provided by Germany

Fastcat Shankun Passenger – high speed craft	Portsmouth harbour ⇔ Ryde Pier Head	up to 19	34 knots	361 passengers	482 GT	4 000 kW
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Irish Sea						
Superseacat two	Liverpool – Dublin (Isle of Man)	2	35	694 PAX, 140 cars	4662 GT	27500kw
Sea Cat Isle of Man	Isle of Man ⇔ Liverpool, Heysham, Belfast, Dublin	Up to 4	33 knots	516 PAX /75 cars	3003 GT	17160 kW
Stena Explorer Category B Multihull Passenger Craft	Holyhead ⇔ Dun Laoghaire	3	40	1500 PAX, 354 cars if no freight carried. Max. 1904 lane meters avail- able for cars. Max. 866 lane me- ters available for freight	LOA 107.81 m Breadth 40 m Moulded Depth 12.5 m 19638 GT Net Tonnage 5892 Displacement 4093 t	80905 kw
Stena Lynx III Category B Multihull Passenger Craft	Fishguard to Rosslaire IMPORTANT NOTE This vessel is owned by Stena Line but operated by Northern Marine Management	4 (Seasonal operation April- Sep- tember only)	37	627 PAX, 1470 cars	LOA 63 m Breadth 26 m Moulded Depth 3.44 m 4113 GT Net Tonnage 1100 Displacement 1100 t	80905 kw
Jonathan Swift	Holyhead ⇔ Dublin	3 (with a 4 th run on Sa- turday's du- ring July and August	40 knots	800/200	5989 GT 1796 Net ton- nage 86.6 m long	40 000hp

Stena Voyager Category B Multihull Passenger Craft	Stranraer ⇔ Belfast	5 (weekdays) 4 (weekends)	40 knots	1500 PAX, 354 cars if no freight carried. Max. 1904 lane meters available for cars. Max. 866 lane meters available for freight	LOA 107.81 m Breadth 40 m Moulded depth 12.5 m GT 19638 Net tonnage 5892 t Displacement 4093 t	80896 kw
Superstar Express (Austral 82)	Larne ⇔ Cairnryan Larne ⇔ Troon (8 April – 19 September)	2 2	38	850 PAX, 175 cars	5517 GT	26 00 kw
Express Incat 91 *Note 1 Vessel but 2 different runs	Larne ⇔ Troon	2	35	870/200	91 meter, 5902 GT	28800 kw
Express Incat 91 *Note 1 Vessel but 2 different runs	Larne (Northern Ireland) ⇔ Cairnryan (Scotland)	1	35	870/200	91 meter, 5902 GT	28800 kw

Kattegat and Belt Sea						
Cat-Link IV / Incat 046	Århus ⇔ Odden	8	42-44 knob			
Mai og Mie Mols SWATH-type	Odden ⇔ Æbeltoft	7	45- 48 knob	450 persons 120 cars	984 ton	16860 HK
HSS Stena Carisma ³	Gothenburg ⇔ Frederikshavn	2-3	40 knots	900/210	8631/480	44 000 HK
HSS 900/Stena Carisma ⁴	Göteborg ⇔ Frederikshavn	1	38 knots	900/200	480	34 000 kW
H/F Villum Clausen Auto Ekspress 86	Rönne-Ystad (Sverige)	1 1/2	48 knots	1055/165		2x18.000 kW
HSC Villum Clausen	Ystad-Rönne	2	41 knots	1037/186	6402/485	36.000 kW

³ Information provided by Sweden

⁴ Information provided by Denmark

North Sea						
Silvia Ana L /DNV, 1A1 HSLC Car ferry AR1 EO	Hirtshals ⇔ Kristiansand		40 knob	1036 persons 238 cars	1846 ton	46100 HK
Adler Express	Nordstrand-Hallig Hooge-Amrum- Sylt	2 (28 th mar- 31 st oct)	61/33 (actually used speed: 45/24)	420	-	3.380 HP
Cat No. 1	Sylt ⇔ Helgoland	1 (23 days/year, April-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Amrum ⇔ Helgoland	1 (32 days/year, April-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Langeoog ⇔ Helgoland	1 (12 days/year, Mar-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Norderney ⇔ Helgoland	1 (50 days/year, Mar-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Norddeich ⇔ Norderney ⇔ Helgoland	1 (5 days/year, Jun-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Hooksiel ⇔ Helgoland	1 (64 days/year, April-Oct)	74/40 knots	432	-	12 633 HP
Cat No. 1	Büsum ⇔ Helgoland	1 (17 days/year April-Sep)	74/40 knots	432	-	12 633 HP
Cat No. 1	Foehr-Amrum-Hooksiel (one way)	1 (4 days/year June-Sep)	74/40 knots	432	-	12 633 HP
Hanse Jet II	Hamburg-Wedel ⇔ Cuxhaven ⇔ Helgoland	1 (daily, 5 th Apr – 14 th May)	67/36 knots	342	-	6 600 HP

Super Jet	Hamburg-Wedel ⇔ Cuxhaven ⇔ Helgoland	1 (daily, 15 th May – 26 th Oct)	67/36 knots	579	-	6 960 KW
MS Polarstern	Ditzum ⇔ Emden ⇔ Eemshaven (NL) ⇔ Borkum ⇔ Helgoland	4x/week (21 st May – 26 th Sept)	78/42	402		10 000 HP
MS Polarstern	Emden ⇔ Eemshaven (NL) ⇔ Borkum	1x/week (26 th Mar – 31 st Oct)	78/42	402	-	10 000 HP
MS Nordlicht / MS Polarstern	Emden-Borkum	0-2 (24 th Jan – 25 th Mar and 1 st Nov – 23 rd Dec) 3-4 (26 th mar – 30 th may and 20 th Sept – 31 st Oct) 3-5 (31 st May – 19 th Sept)	70/38 78/42	272 402	- -	5.548 HP 10.000 HP