

Date: 14.10.2013
Subject: Turbocharger type NR24/R

Engine type: **8M 282/ 8M 332 / 8M 332C**
Page 1 of 2 plus attachments

Containment level of turbocharger type NR24/R does not reflect current safety standards

The turbocharger maker MAN Diesel and Turbo SE informed us about the release of **MAN Alert Service Bulletin ASB 2013/02/18**. This service bulletin informs operators about potential risks and gives safety guidance. Please distribute this information to operation personnel in your company and to operation personnel on board of your vessels equipped with a.m. engine types.

Spread sheet No 1 shows:

- Engines (serial No's) originally delivered with NR24/R turbochargers
- Engine type
- Serial No. of tc that was delivered with the engine
- Currently known ships name
- Supporting Cat dealer

It is not known to us if turbocharger were replaced or exchanged with other tc models at these engines since engine warranty has expired. Therefore, please note that the stated tc serial No. might not meet the current installation. Please check and inform us accordingly.

Attached please find the complete MAN documents in this regard.

- 1_ Cover Letter Shipowner
- 2_ Customer_Supplement to MAN Diesel & Turbo SE ASB2013_02_18
- 3_ ASB_2013_02_18
- 4_ Addendum to ASB_2013_02_18_Rev20130723
- 5_201308_Turbocharger_Risk_Analysis_and_Action_Options_Caterpillar
- 6_201308_Methodology_Turbocharger_Risk_Assessment_4-Stroke_ME_Single_by_FutureShip
- 7_201308_Methodology_Turbocharger_Risk_Assessment_4-Stroke_ME_Multi_by_FutureShip
- 8_201308_Methodology_Turbocharger_Risk_Assessment_4-Stroke_AE_by_FutureShip
- 9_Acknowledgement of Receipt Shipowner

Please fill in the acknowledgement of receipt and send it to us (address below) and to MAN.

Service Information

No. 0001M 332

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Engine No.	Engine type	TC serial No	Ships name	Owner supporting Cat dealer
033696	8M332	1167133	Thruster	Zeppelin Power Systems
033704	8M332	1167134	Glen	Finning UK
033705	8M332	1167135	Cpt. Ahmad II	Finning UK
033706	8M332	1167136	Jomi	Finning UK
029093	8M282	1167206	Sonne	Zeppelin Power Systems
029094	8M282	1167219	Sonne	Zeppelin Power Systems
029095	8M282	1167220	Sonne	Zeppelin Power Systems
033667	8M332C	1167241	Ibn Nafaa	MaK Med
033720	8M332C	1167248	Thrasos	Bolier
033707	8M332	1167137	Cemvale	Zeppelin Power Systems
033721	8M332C	1167324	Stolt Lausanne	Zeppelin Power Systems
033729	8M332C	1167375	True Colors	Pon Power
033734	8M332C	1167339	Carolina III	Finning Chile
033684	8M332C	1167205	Terranova	Finning Chile
033732	8M332C	1167396	Javier	Finning Chile
033742	8M332C	1167366	Nanny	Atlantic Tractor
033676	8M332C	1167050	Don Mauro	Finning Chile
033744	8M332C	1167401	Empress Heaven	Cat Asia
033745	8M332C	1167400	Empress Heaven	Cat Asia
033746	8M332C	1167399	Empress Heaven	Cat Asia
033737	8M332C	1167434	Sea Spray	Pon Power
033747	8M332C	1167403	Empress Sea	Cat Asia
033748	8M332C	1167404	Empress Sea	Cat Asia
033749	8M332C	1167402	Empress Sea	Cat Asia
033733	8M332C	1167397	Matias	Finning Chile
033731	8M332C	1167371	Francisco	Finning Chile
033730	8M332C	1167208	Francisco	Finning Chile
033750	8M332C	1167407	Empress Dragon	Cat Asia
033751	8M332C	1167405	Empress Dragon	Cat Asia
033752	8M332C	1167406	Empress Dragon	Cat Asia
033770	8M332C	1167428	Suna	Zeppelin Power Systems
033743	8M332C	1167376	Gulf Adventure	Pon Power
033753	8M332C	1167409	Empress Phoenix	Cat Asia
033754	8M332C	1167408	Empress Phoenix	Cat Asia
033755	8M332C	1167410	Empress Phoenix	Cat Asia
033771	8M332C	1167207	Shuya	Zeppelin Power Systems
033758	8M332C	1167501	Jeanne	Bolier
033777	8M332C	1167500	Carmona	Pon Power
033778	8M332C	1167553	Golden Rose	Finning UK
033772	8M332C	1167590	Raindrop	Zeppelin Power Systems
033779	8M332C	1167599	Pera	Zeppelin Power Systems
033775	8M332C	11675738	Dong Fang Hong 2	Cat Asia
033776	8M332C	11675737	Dong Fang Hong 2	Cat Asia
033781	8M332C	1167600	Potosi	Zeppelin Power Systems
033780	8M332C	1167601	Dollart	Zeppelin Power Systems
033782	8M332C	1167591	Hav Streym	Zeppelin Power Systems
033773	8M332C	1167632	Meratus Sangatta	Zeppelin Power Systems

Spreet sheet 1

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