



STATE MARINE ACCIDENT INVESTIGATION COMMISSION

WIM 24/2015

RESOLUTION

The **State Marine Accident Investigation Commission** composed of:

Cezary Łuczywek - the Chairman of the SMAIC

Marek Szymankiewicz - the Secretary of the SMAIC

Krzysztof Kuropieska - the Member of the SMAIC

Tadeusz Gontarek - the Member of the SMAIC

on 11 January 2016, having considered the materials related to the serious marine casualty of a sea-going tug boat *Amon* under the Polish flag, which took place on 27 June 2015 in the Celtic Sea, ca. 40 Nm off the coast of Cornwall, as a result of which the vessel was immobilized and had to be towed away to the port to be repaired, has established that the cause of the casualty was a mechanical damage to the main engine caused by the damage of the beds of main bearings and the shaft necks of the crankshaft caused by bumping of the crankshaft against an unscrewed nut fixing the bolt of the toothed wheel of the countershaft on the starboard side. Damaged beds of main bearings of the crankshaft lead to seizing of the shaft necks and increased temperature in the damage location and explosion of oil mist in the crankshaft casing.

The Commission recognizes that it is necessary to prepare and publish the final report.

Signatures of the Commission Members:

Chairman:
Secretary:
Member:
Member: