

STERN PART

BOW PART

0 20 40 60 80 100 m

The image displays three logos. On the left is the INFOMAR logo, featuring a stylized blue wave graphic and the text 'INFOMAR' in large blue letters, with the tagline 'Integrated Mapping for the Sustainable Development of Ireland's Marine Resources' below it. In the center is the Geological Survey logo, which includes a green and yellow square icon and the text 'Geological Survey' in bold, followed by 'Suirbhéireacht Gheolaíochta' and 'Ireland | Éireann' in smaller text. On the right is the Marine Institute logo, featuring a blue and green wave graphic and the text 'Marine Institute' in a stylized font, with 'Foras na Mara' below it.

VESSEL HISTORY

The MV *Bolivar* was a 5,320-ton cargo vessel and at the time of its loss was owned by the Norwegian shipping company, Fred Olsen. The cargo ship was laid down in the yard of Akers Mekaniske Verksted of Oslo in 1939 and was launched, ready for fitting out, in 1940. However, following the German invasion of Norway in April of 1940, the ship lay alongside the quay wall at the Akers yard for the duration of the war. The *Bolivar* was finally completed in 1946, setting out on her maiden voyage, to South America, in December of that year.

DIVE INFORMATION

A substantial amount of the MV *Bolivar*'s hull and machinery remain to be seen. The bow section initially remained largely intact and sank beneath the surface, while the after section was cut down to about the main deck line. Today the wreck lies in two main parts, with the stern measuring 83m in length, 16m in width and 5.34m in maximum height. The stern is orientated E–W on the seabed, in a general sea depth of 10m. The remains of the fore section of the vessel lie over 100m to the NE and are largely buried.

ABOUT INFOMAR

Covering some 125,000 square kilometres of underwater territory, INFOMAR (the **IN**tegrated Mapping **FO**r the Sustainable Development of Ireland's **MAR**ine Resource) project will produce integrated mapping products covering the physical, chemical and biological features of the seabed. INFOMAR will initially focus on 26 priority bays and three priority areas around the coast delivering: hydrographic maps, illustrating everything from sandbars to underwater canyons and cliffs; seabed classification maps showing the type of sediment on the seabed. INFOMAR provides key baseline data to support coastal and inshore development. Making this information available to the world aims to stimulate research and development of Ireland's 220 million acres under the sea. The data will be of interest to fisheries managers, aquaculture operators, coastal zone managers and engineers, offshore engineering interests, licensing authorities and those carrying out environmental impact assessments. Indeed this unique dataset is of interest in its own right because of the sheer volume of data collected

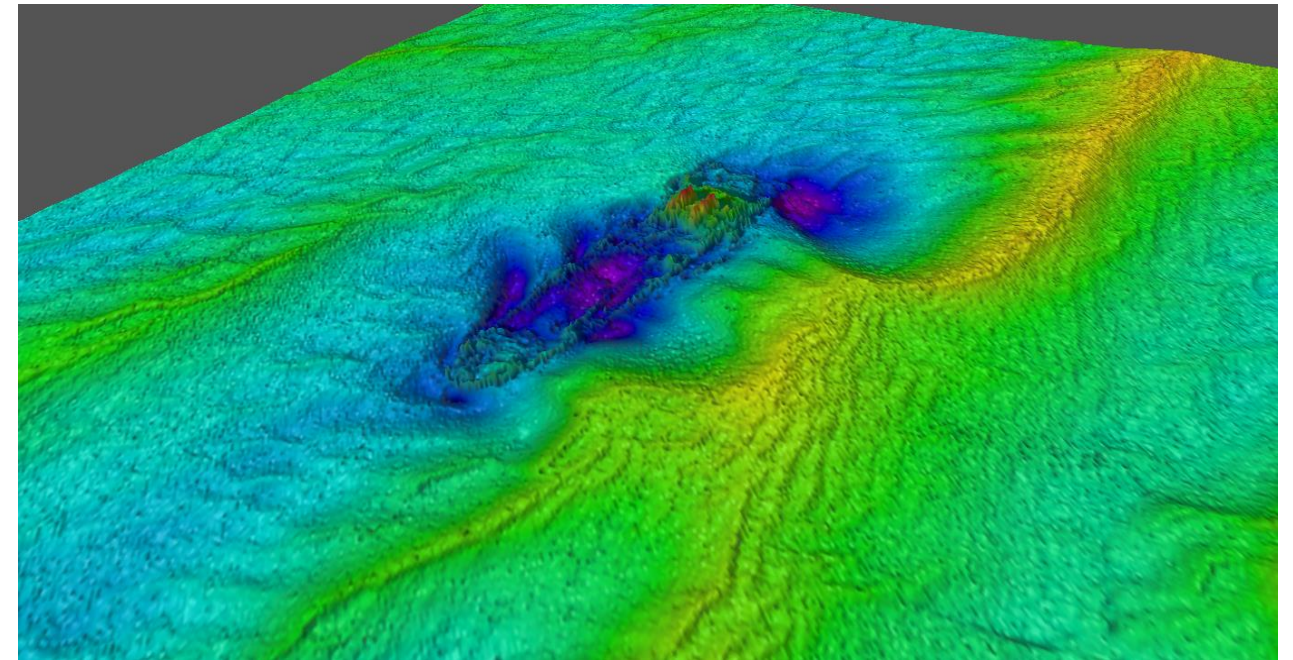
FURTHER READING/REFERENCES

www.infomar.ie

www.archaeology.ie/UnderwaterArchaeology/

www.irishwrecksonline.net

WRECK IMAGERY



Above is a 3D image of the MV *Bolivar* using Fledermaus 3D visualisation software and below a historical image of the *Bolivar* in two pieces before sinking (www.wrecksite.eu)

