

Trinity Spirit explodes and causes an oil spill off Nigeria

Sentinel-1 CSAR IW acquired on 27 January 2022 from 05:30:07 to 05:30:37 & from 17:52:58 to 17:53:48 UTC
Sentinel-1 CSAR IW acquired on 29 January 2022 from 05:13:54 to 05:14:23 UTC
Sentinel-1 CSAR IW acquired on 01 February 2022 from 18:01:05 to 18:01:59 UTC
Sentinel-1 CSAR IW acquired on 03 February 2022 from 05:21:58 to 05:22:27 & from 17:44:42 to 17:45:07 UTC
Sentinel-1 CSAR IW acquired on 08 February 2022 from 05:30:07 to 05:30:36 & from 17:52:57 to 17:53:47 UTC

Author(s): Sentinel Vision team, VisioTerra, France - svp@visioterra.fr

Keyword(s): Ocean monitoring, marine environment, oil spill, pollution, oil and gas, Nigeria, Gulf of Guinea



[3D Layerstack](#)

Fig. 1 - S1 (08.02.2022 am) - In Escravos, Delta State, Nigeria, a Floating Production, Storage, and Offloading (FPSO) ship exploded and sunk. [2D view](#)

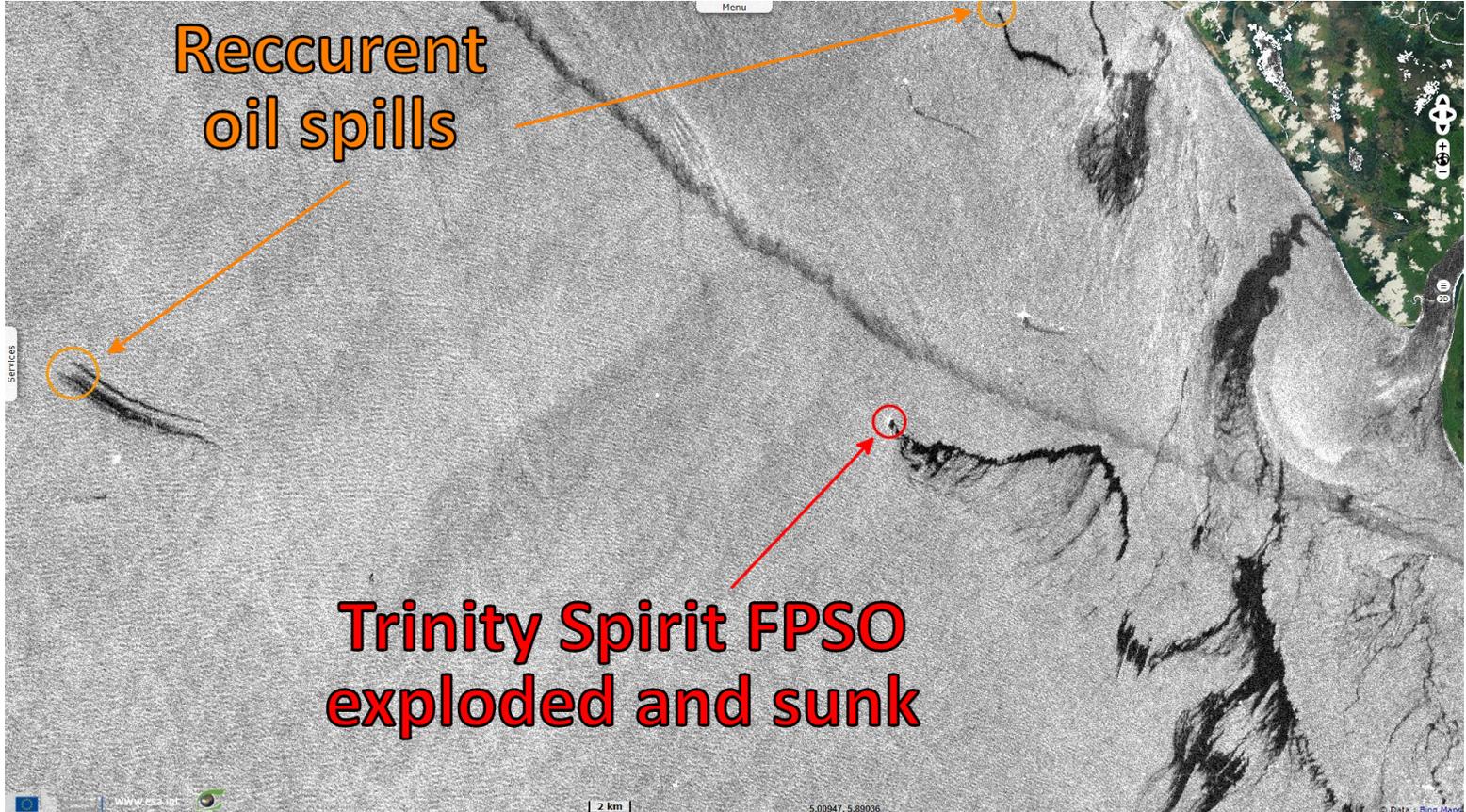
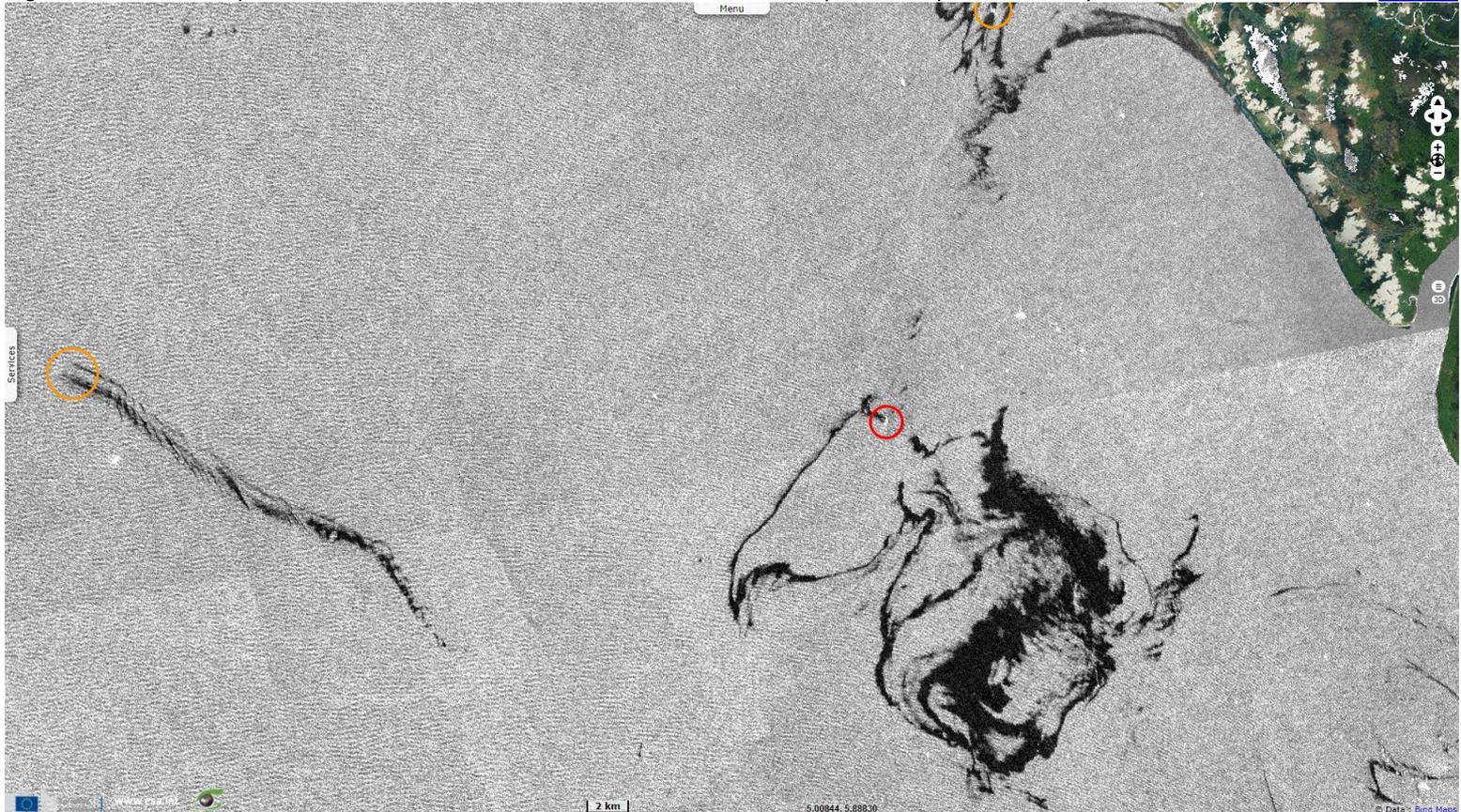


Fig. 2 - S1 (08.02.2022 pm) - 7 crew members who were on board at the time of explosion early on Wednesday remained unaccounted for. [2D view](#)



Near the oil spill caused by this FPSO, the Trinity Spirit, (red), oil spills due to several weeks-lasting leaks (orange) are visible in or near block OML 108, operated solely by a Nigerian company, Shebah Exploration & Production Company Ltd (SEPCOL). SEPCOL is now in receivership, a form of bankruptcy.

Fig. 3 - S1 (27.02.2022) - The worst is unfortunately not what has been talked about. Worse spills happen on a daily basis, unnoticed. [3D view](#)

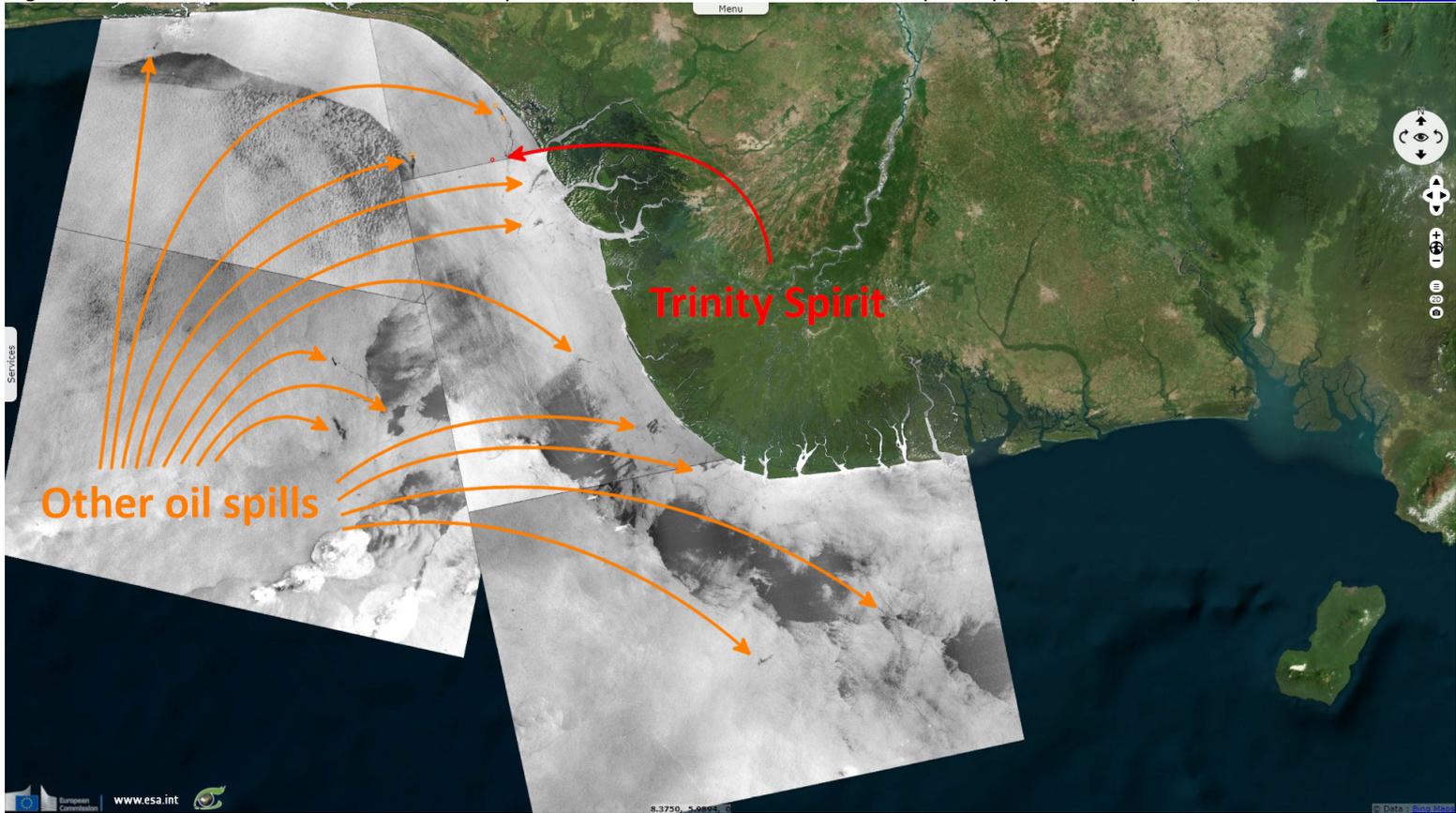


Fig. 4 - S1 (29.02.2022 & 01.02.2022 am) - The use of the Sentinel images could help the Nigerian government to fine polluters and give damage compensation to coastal communities. [3D view](#)

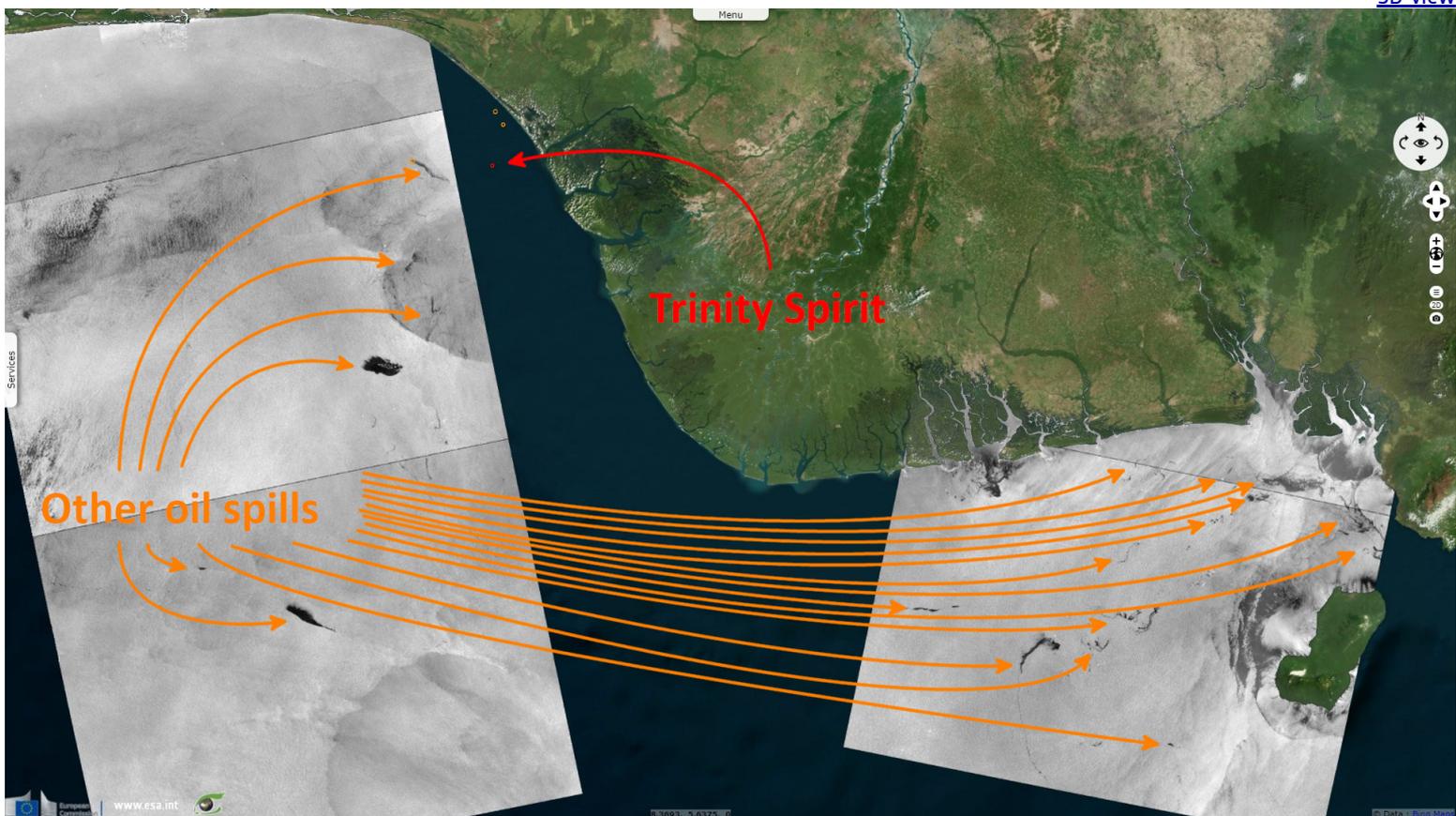


Fig. 5 - S1 (03.02.2022 pm & 08.02.2022 am) - 46-year-old, the Trinity Spirit had "too many technical issues. Old and badly maintained."

[3D view](#)

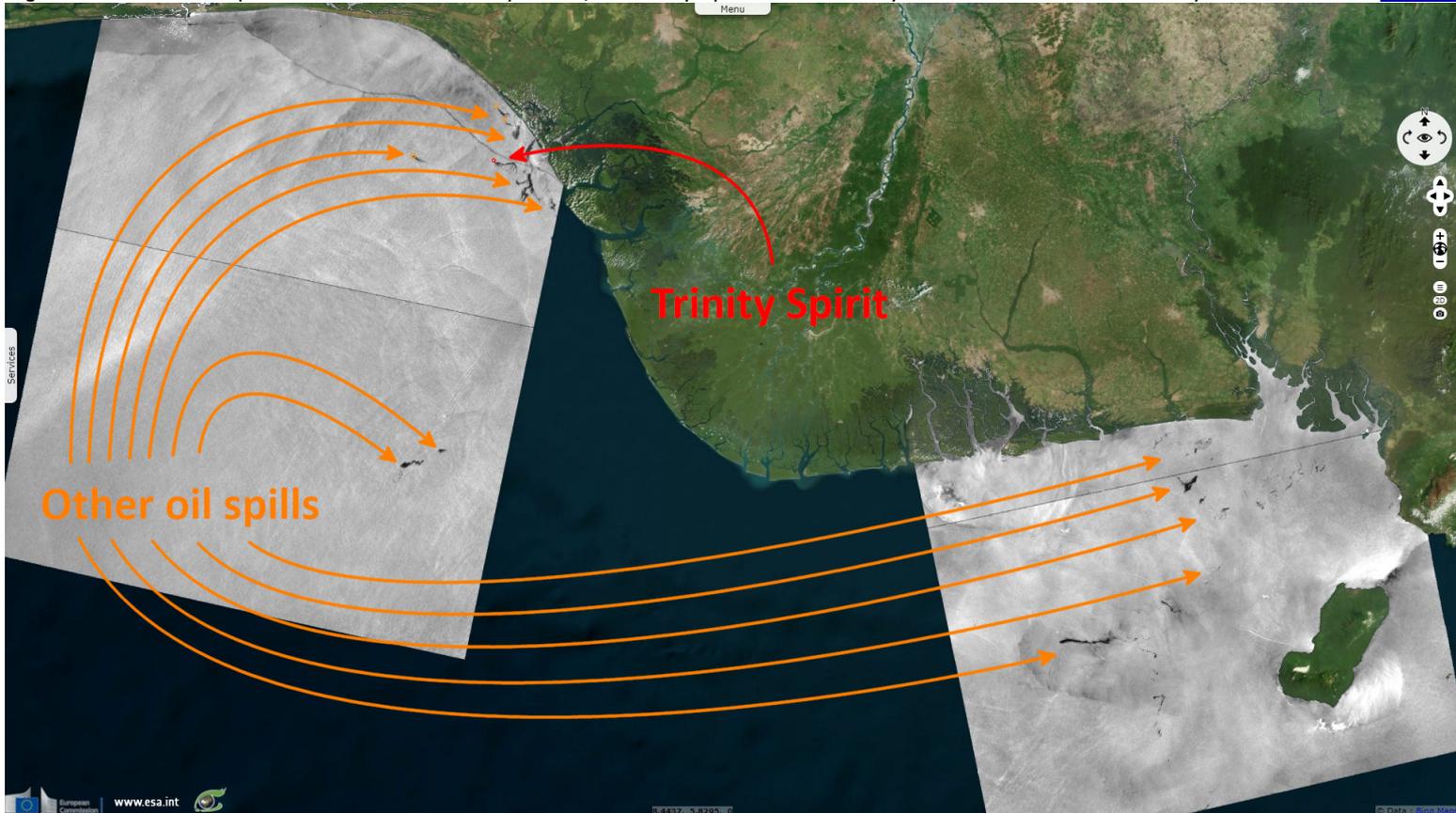
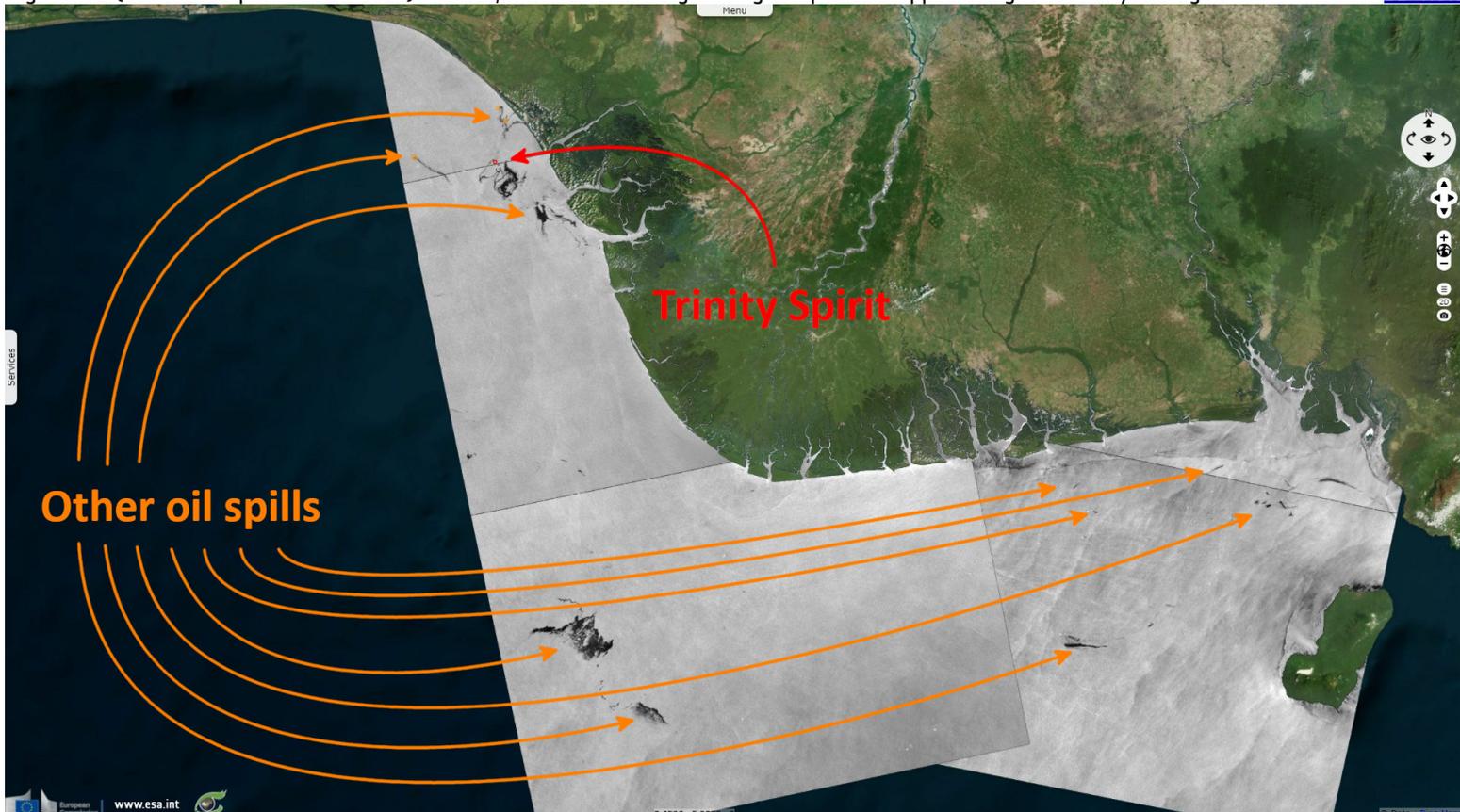


Fig. 6 - S1 (08.02.2022 pm & 10.02.2022) - "Most, if not all of the big trading companies stopped using it several years ago".

[3D view](#)



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.
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