Leaking nuclear sub sailed for 36 hours

By Stephen Naysmith

misunderstanding" of basic engineering, after it was re-BRITAIN's naval chiefs have been accused of a "bewildering pled nuclear submarine HMS vealed last week that the cripeven though crew knew she was irridiated coolant. losing gallons of dangerous Tireless sailed on for 36 hours

Navy's Nuclear Regulatory Panel, Captain Frank Hurford on May 18th this year. It wasn't until 36 hours later rine had restarted her nuclear admitted crew on the submaeactor after noticing the fault This week, the chair of the

crack in a coolant pipe - had when the leak - caused by a matic row with the governremained in port there ever diesel drive to Gibraltar. It has less proceeded using its fallback reactor was shut down and Tireworsened considerably, that the ments of Gibraltar and Spain over safety. since, at the centre of a diplo-

Sunday Herald that at the time already leaking "by the bathtub" of the initial leak, coolant was ed water escaping into the with dozens of litres of irradiatthan 24 hours with the fault unand had continued for more bilges. When she was restarted addressed, there was a sudden However one insider told the

over leaking nuclear sub Revealed: diplomatic fallou





The Sunday Herald has been charting the story of the leaking nuclear submarines since back in July

apparently worsened. increase in the leak as the crack In a remarkable interview for

action taken by the crew. Hurford revealed the course of BBC Radio this week, Captain

people would accept [it was] a coolant pipe as "very minor" initially. "In physical terms most propelling the submarine. restart the reactor and carry on very small crack," he said. "We were able to come out and ... He described the crack on the

ate so that they don't fail in a brittle manner. So although there is a very slight chance, the struction are designed to operadded: "The materials of conhad sailed on for 36 hours and He confirmed that Tireless

engineering says that this will not happen."

defence issue since the MoD marines are free of Tireless has become a major appears to be a generic design fault in the coolant system. Navy's 12 hunter-killer subadmitted that only five of the However the condition of

were greeted with alarm, despite attempts by the Navy to play them down. Capt Hurford's comments

again makes no difference to the operating pressure. It tenant Commander Jim Jenkins told the Sunday Herald: "This is being blown out of all propor-tion. Taking the reactor critical MoD navy spokesman Lieuoperating pressure. It

always operated in accordance crack at all. The Royal Navy has wouldn't have any effect on the with extreme safety criteria. "It wasn't unwise. If it was, we

news

scale of the damage Tireless had suffered. "I don't think we knew unaware until recently of the Navy themselves had been wouldn't have done it." response to criticism of the how bad it was," he said in However he admitted the

from an external inspection many respects we were judging nity to cut into the weld, in Navy for a lack of openness. But this had no effect on safety." "Until we'd had the opportu-

a "somewhat cavalier attitude" consultant John Large, who has the Tireless issue, described the ment of Gibraltar to advise on "astonishing" and indicative of revelation from Hurford as been contracted by the governindependent nuclear safety

that restarting the reactor had of some very basic engineering with a crack in it that the crack that if you pressurise somethin adding: "It defies logic to say made no difference to the fault and matters of fact. isn't going to grow. It shows a bewildering misunderstanding He ridiculed the Navy's claim

"Civil nuclear regulators would never have allowed this known origin and nature. The to happen with a crack of un-

assumptions the navy made about the crack's position, locagrossly erroneous."

Large added that the incident tion and propagation rate were

ng the reactor carried with it a risk of catastrophic failure." Plans have now been drawn of its nuclear reactors. "Restart aised questions about the Navy's bility to regulate the operation

six other Swiftsure and up for at Westminster this week announcement about the Trafalgar class submarines. coolant circuit on Tireless and recovery programme is expected repair of the faulty

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