

## Risk assessment COVID-19 (C-19) Research Vessels

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#	Task/Activity	Risk/	Risk description/	Exposed for/	Preventive measures/	Ris	sk Category		Ref.
		Unwanted incident	Cause	Potential risk	Assessment	Safety	Quality	Env.	
1	Change of crew and/or cruise personnel. Visitors: Service-personnel Instrument-technicians who are not signed on as crew Other visitors	COVID-19 outbreak	The virus can come on board with embarking personnel who brings it with them from home or from the travel to the vessel.  The probability for bringing virus on board and to become ill, is lower for vaccinated personnel. However, should they become ill, the consequences are normally low.  With a large proportion of vaccinated personnel, the risk is reduced.	All personnel are exposed to virus infection and can bring the disease on board.	Carry out vaccinations continuously based on notices. Request all personnel to get vaccinated.  For all cruises which result in the vessel (a) being outside the reach of a rescue service or (b) being south of Brest in France, all on board shall show a valid Corona certificate no later than one week before departure.  When quarantine of personnel is requested, this shall not be carried out on board the vessel.  Make sure everyone to follow the public regulations, and the IMR/Vessel department guidelines.	X			



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2	Provisions, cruise instruments and equipment, goods and luggage.	COVID-19 infection when handling goods and supplies.	COVID-19 can embark the vessel via goods and their packaging.  With a large proportion of vaccinated personnel, the risk is reduced	Personnel who handles goods can be infected and later spread the virus to others. The probability is considered to be marginal	No extra efforts to be taken exempt normal use of PPE when handling the goods.	X			
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3	Cruise and/or transit	Danger of spreading COVID-19 on board, if infection has come on board.	Spreading of virus on board.  Extended work and living periods on board in confined quarters and workspaces on board.  If COVID-19 cases on board, potential need for hospitalization within 30 hours or less, after detection of COVID-19 symptoms. The probability is considered low.  With a large proportion of vaccinated personnel, the risk is reduced.	All personnel are exposed to potential COVID-19 infection. The consequence is considered to be marginal for those who is protected or vaccinated, and low for those who is not vaccinated, since they are given access to going on cruises only in local waters.	Encourage everyone with underlying illnesses to contact their GP to assess whether they should travel on a cruise.  Reduce/prevent COVID-19 spreading if detected on board by isolating infected personnel and evacuate them as soon as possible. Carry out testing of people for symptoms, and contact Radio Medico for further measures and advice.  No extra hygiene measurers to be taken.	X		
4	Cruise and/or transit in foreign waters	Personnel injury on board in foreign waters and need for rapid medical assistance ashore	Challenges with regard to COVID-19 regulations, foreign personnel transportation, and medical assistance abroad.	All personnel on board.	Consider avoiding cruise activity where it is not convenient to return to a Norwegian port or being within reach of Norwegian SAR helicopters.  For cruises in foreign waters a specific COVID-19 contingency plan to be developed, where it is not	X		

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					convenient to return to a Norwegian port			
5	Cruise and/or transit in foreign waters	Illness in close family at home	Crewmember or cruise participant want to return to home due to grave illness in the family.  Quarantine rules and travel restrictions complicates return travel home and to get a replacement on board.	All personnel on board.	Inform all personnel that it may not be possible to leave the vessel during the cruise, and that they should inform their families accordingly.	X		
6	Cruise and/or transit in foreign waters	Extended stay on board	Vessel to in lock down due to COVID-19 on board.  All personnel must stay on board longer than originally planned.  Personnel runs out of personal medication.  Personnel can contract infection when traveling to / from the vessel and can test positive at border crossings, which can lead to quarantine. Probability of this is considered to be low.	All personnel on board.	For all voyages south of Brest, a valid corona certificate is required to sail with the vessels.  Bring personal medication for at least 14 days longer than the planned cruise/work period.  Remember to always bring personal medication as «carry on» when travelling by air.	X		

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Kryssreferanser

Eksterne referanser

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