

**CAPITAL DREDGING IN FRONT OF NCB-III OF VOC PORT,
TUTICORIN BY DCI DR-AQUARIUS**

DCI DR-Aquarius was shifted to dredging ground on 16.06.2019 and commenced trial dredging operations from midnight of 19.06.2019. Subsequently, it was observed that the cutter teeth are not holding and teeth are being welded and the same were being lost within no time due to site conditions, Further, adaptors got damaged and production was badly affected. In fact, DCI had been deploying the CSD Dr-Aquarius with the same type of cutter teeth at other projects and no such experience has been encountered. However, with the trials carried out, it was evident that Dredge Aquarius is capable of carrying out the present work.

Subsequently, after receipt of special locking pins from Netherlands which can withstand the present site conditions, Trial dredging commenced on 12.07.2019 in front of NCB-III and dredged material discharged through self floating and shore pipe line, with total length of 762 metre. As per requirement of Port, Dredger was also deployed at In front of Coal Berth Jetty-II and had achieved depth of 14.5m from 11.2m enabling VOC Port to bring 12.7m draught vessel on 29.07.2019. As on 29.07.2019, The CSD Dredger DR-Aquarius had completed total deployment period of 9.5 days.

On 31.07.2019, CSD DR-Aquarius was shifted to Coal Berth Jetty –II as per Port instructions and commenced dredging at 00:30 hrs of 01.08.2019.

DCI is awaiting instructions from VOC Port for further deployment requirement.



Date: 07.06.2019 – Briefing on dredging plan by CHOD, DCI to Port Officials



Self floating connected to Shore Pipeline to discharge dredged material



Connection of self floating pipeline with CSD DR-Aquarius



Visit to CSD DR-Aquarius on 17.07.2019



Clearing of underwater obstructions from Cutter teeth



Connecting self floating pipeline



Cutter teeth with new locking pins imported from Netherland



A vessel of 12.7m Draft berthed alongside Coal Berth Jetty-II on 29.07.2019



DCI Multicat-I, assisting CSD DR-Aquarius



Hard rock encountered

