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(See inside cover)

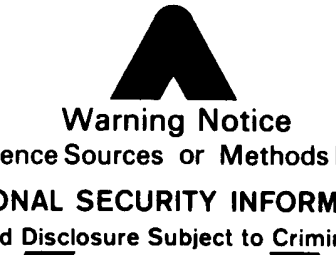
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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
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PROPIN-	Caution-Proprietary Information Involved
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NPIC/IEG (7/83)

22 JULY 1983

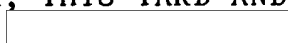
KRIVAK FFG MODIFICATION
LENINGRAD, USSR (SWN)



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1. **SIGNIFICANCE:** MODIFICATIONS CONTINUE ON THE KRIVAK-CLASS GUIDED MISSILE FRIGATE (FFG) "ZHARKHIY" AT LENINGRAD SHIPYARD ZHDANOV 190. (SWN)
2. **REMARKS:** THE "ZHARKHIY" WAS REMOVED FROM THE WATER AND PLACED ON AN OPEN BUILDING/REPAIRWAY AT THIS YARD IN MID-APRIL 1983. IT IS NEXT TO A SOVERMENNYY GUIDED MISSILE DESTROYER WHICH IS IN THE MID-STAGE OF CONSTRUCTION. SINCE MID-APRIL, THE ENVIRONMENTAL COVERS HAVE BEEN TAKEN OFF THE TWO SA-N-4 SAM LAUNCHERS, THE BARRELS HAVE BEEN REMOVED FROM THE TWO 76.2MM GUNS, AND THE ENVIRONMENTAL HOUSING OVER THE VARIABLE DEPTH SONAR HAS BEEN WIDENED. (SWN)

THE EXTENT OF THE MODIFICATIONS TO THIS KRIVAK CANNOT BE DETERMINED AT THIS TIME. APPARENTLY THE SOVIETS INTEND TO RETAIN THE SS-N-14 ANTISUBMARINE CRUISE MISSILE LAUNCHERS AND TORPEDO TUBES AS PRESENTLY CONFIGURED SINCE NEITHER HAS BEEN REMOVED. THE SA-N-4 SAM SYSTEM, IF REMOVED, WOULD MOST LIKELY BE REPLACED WITH THE NEW UDALOY SAM SYSTEM. THIS NEW SYSTEM IS BEING INSTALLED ON NEWLY CONSTRUCTED COMBATANTS SUCH AS THE UDALOY GUIDED MISSILE DESTROYER AND THE KIROV NUCLEAR-POWERED GUIDED MISSILE CRUISER. THE 76.2MM GUN BARRELS WILL PROBABLY BE EXCHANGED FOR BARRELS THAT HAVE BEEN REBORED AND RECONDITIONED. (SWN)

THE REMOVAL OF MAJOR COMBATANTS FROM THE WATER IS NOT NORMALLY DONE IN THE COURSE OF A ROUTINE OVERHAUL. THE LAST TIME A MAJOR COMBATANT WAS TAKEN FROM THE WATER AND POSITIONED ON THE REPAIRWAYS AT THIS INSTALLATION WAS BETWEEN 1971 AND 1975 WHEN THE KASHIN GUIDED MISSILE DESTROYER (DDG) CONVERSION PROGRAM WAS UNDERWAY. DURING THE PROGRAM, THIS YARD AND NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445  WERE INVOLVED IN THE CONVERSION OF FIVE OF THE 19 KASHIN DDG TO MODIFIED KASHIN DDG. THIS PROGRAM INVOLVED THE ADDITION OF FOUR SS-N-2C

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(STYX) ANTISHIP CRUISE MISSILE LAUNCHERS AND FOUR ADMG-630 GATLING GUNS, AND RAISING THE LEVEL OF THE HELICOPTER PLATFORM. ALSO, THE HULL WAS EXTENDED BY 3 METERS IN THE STERN AREA TO ACCOMMODATE A VARIABLE DEPTH SONAR SYSTEM. THE KASHIN CONVERSION PROGRAM TOOK APPROXIMATELY TWO YEARS PER SHIP TO COMPLETE. THE REMOVAL OF THE "ZHARKHIY" FROM THE WATER FOR MODIFICATION SUGGESTS THAT ADDITIONAL KRIVAK FFG WILL BE MODIFIED IN THE FUTURE. (SWN) [Redacted]

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3. [Redacted] COORDINATES 59-52-35N 030-14-06E (S)

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