

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

25X1

basic imagery interpretation report

## First Broad-Ocean Area Missile Test from Shuangchengzi Missile Test Range Complex SSM, China (S)

MISSILE RANGES: STRATEGIC SSM SPACE FACILITIES

CHINA

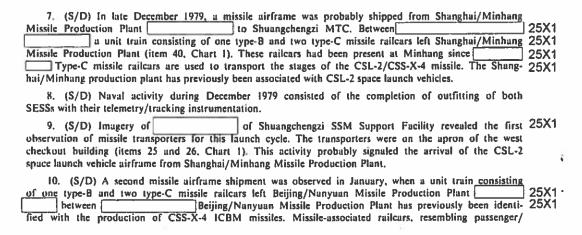
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hengzi Missile Te support of Chir map of the Shu	st Range (MTR) ( na's first out-of-cou	Complex SSM [ intry, broad-occ in overall map	an area (BOA) of associated fa	eparation activity obse- and several other ass ICBM flight test. The cilities and downrange	ociated facilities report contains	25X
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elemetry/tracking	sets remained adja	cent to the B2	LCF until	when one o (items 3 and 34, Char	f the sets was no	25X
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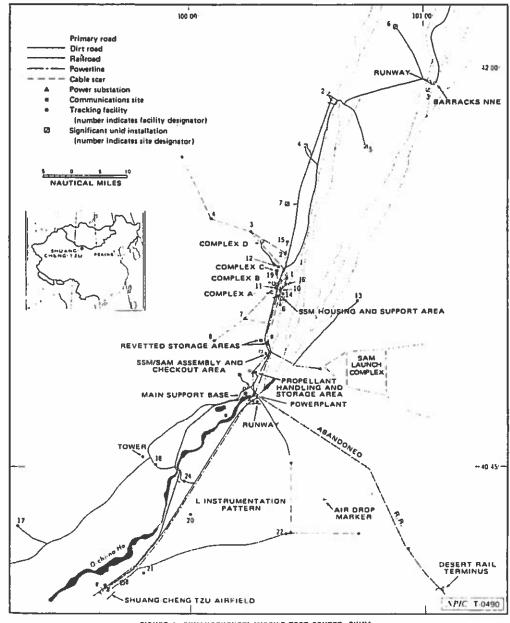


FIGURE 1. SHUANGCHENGZI MISSILE TEST CENTER, CHINA

- gage cars, nove also elected to have left the Briping/Nanyaus ploat broson party off. breaked a single type-C mouth readers and a CSS-1/3 transparent, in addition to previously determed CSS-N4 ellipse and assumed tops transparent, as Managelongia SSM Support offer, probably inducing the arrived of the sensed without forms 30, 47, and 46, Chart. (). The content of the CSS-3/2 transparent could not be measured with the terms 30, 47, and 46, Chart. (). The support of the CSS-1/2 transparent could not be measured with the uncest blooks preparation arriving so 31. Chart (). Echicagemen imagesy revealed that the CSS-1/2 transparent own not moved during the min cycle. A blody replanation would be that is hed here removed from an annably/think out building mode report for the additional minute arthronia.
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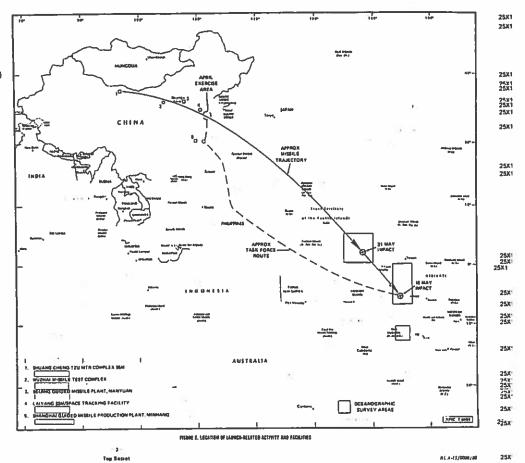
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18. (S/D) Between a flatear train in the railyard at Beijing/Nanyuan was observed being loaded with a sedan, buses, and trucks (item 50, Chart I). These vehicles were probably to provide transportation for technicians at the launch site. A third unit train, consisting of one type-B and two type-C missile railcars and ten missile-associated railcars, left the railyard of the Beijing/Nanyuan Missile	25X1
five of the missile-associated railcars on the sidings of the Shuangchengzi SSM Support Facility (item 28, Chart 1), suggesting that at least part of this shipment was delivered to Shuangchengzi MTC.	25X1
Airfield for precision takeoffs and landings. The Xiang Yang Hung 10 (XYH-10) oceanographic research ship (AGOR) was observed in port for repair/maintenance between titem 54, Chart 1). An exercise for the naval task force began on and continued until Figure 2 and item 57, Chart 1). The 18-ship task force assembled off the coast of Qingdao and rehearsed recovery operations involving Super Frelon helicopters. The task force consisted of two Yuang Wang SESSs, an XYH-5 AGOR, an XYH-10 AGOR, two Dajinng submarine tenders (ASs), two Fuqing replenishment oilers (AORs), six Luta destroyers (DDs), three Tuzhong rescue ocean tugs (ATRs: Figures 4 and 10 through 14), and one unidentified vessel.	25X1 25X1 25X1 25X1 225X1
20. (TSR) Between a CSS-X-4 missile was erected at launch position B2 (item 16, Chart 1).  Empty first- and second-stuge CSS-X-4 transporters were observed on the apron of launch position B2, with the	25X1
gentry covering the launch position, on imagery of (item 15, Chart 1). This activity was the first indication that a missile was being erected. Imagery of revealed a CSS-X-4 missile erected at launch	25X1
position B2. Enhancement of the imagery showed the payload/shroud to be sharply pointed and similar to the cone/cone shaped payload previously observed on CSS-X-4 missiles (Figure 15A). On imagery of launch position B2 was again covered by the gantry, the first- and second-stage transporters were at the base of the gantry, and a CSS-X-4 warhead van was on the access road. The observation of the CSS-X-4 warhead van further confirmed that the erected missile had been a CSS-X-4 and not a CSI-2 space launch validle. Images and	25X1 25X1 25X1
SSM Tracking Facility 11 from during the missile exercise (item 37, Chart 1). The removal of the erected missile at Shuangchengzi and the termination of the naval task force exercise at the same time suggest that both exercises were related and probably indicates that a rehearsal involving all participants took place during that time (items 16, 56, and 57; Chart 1).	25X1 25X1
21. (S/D) Imagery of also revealed that during the missile exercise, the old theodolite shelter was removed from the launch azimuth pad at launch position B2 (item 13, Chart 1). On imagery of components resembling the missing old theodolite shelter were observed within a small salvage yard in the support area of Launch Complex B (Figure 3D). The observation of these components suggests that the old theodolite shelter had been dismantled (item 14, Chart 1).	25X1 25X1 25X1
22. (S/D) Between the security fence was extended around the support area at Shuangchengzi Launch Complex B1/2 (item 11, Chart 1). This new fence, as well as the fence around the launch area, still did not have gates at the access points (Figure 16).	25X1
23. (S/D) One first- and one second-stage CSS-X-4 transporter were absent from the apron of the east assembly/checkout building at the SSM Support Facility on when imagery showed the two transporters on the apron near launch position B2 (items 15, 25, and 26; Chart 1). On imagery of a first- and a second-stage CSS-X-4 transporter were absent from the apron of the east assembly/ checkout	25X1 25X1
observed to be absent; it had returned by This may have been for preparation of the transporter prior to loading the missile airframe. Missile-associated railfar counts at the SSM Support Facility reverbed a	25X1 25X1
Chart 1). A type-C missile railcar was observed on the siding serving the west assembly/checkout building on all subsequent coverage during the month.	25X1 25X1 25X1
24. (S/D) A fourth missile-associated railear train departed Beijing/Nanyuan Missile Production Plant between (items 49 and 51, Chart 1). Subsequent imagery of the Shuangchengzi SSM Support Facility revealed an increase in the number of missile-associated railears at the SSM Support Facility (items 28, 29, and 30; Chart 1).	25X1
25. Naval activity during April consisted of the completion of the training/rehearsal exercise off Qingdao! (item 57, Chart I) and the sighting of two Dajiangs ASs and a Tuzhong ATR in port for repair/main-tenance (item 58, Chart I).	25X1
26. (S/D) Final preparations at Launch Complex B1/2 were observed on imagery of when first- and second-stage transporters were seen repositioned on the apron in front of the doors of the east assembly/checkout building. Transporters have been in similar positions during previous launch cycles and have been an indication that the mirrile victories were seen repositions.	25X1
and have been an indication that the missile airframe was about to be transferred to the transporters. Imagery of revealed the gantry covering launch position B2, slogan placards displayed adjacent to the launch position, and security gates added to the access points in the launch area security fence, suggesting that a missile had been erected (items 12 and 19; Chart 1). Further evidence at the SSM Support Facility was seen in the repositioning of the transporters previously seen parked in front of the east	25X1
covering gantry, and imagery of showed a fully-staged missile erected on launch position 82 (Figure 15B). Three missile-associated railears were parked on the siding adjacent to the support area at	25X1 25X1
Launch Complex B from (item 20, Chart 1). These railcars probably provided personnel or equipment support for the launch preparations.  (Continued p. 9)	25X1
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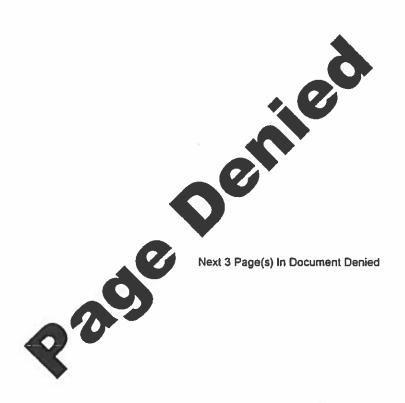


FIGURE 11. XIANG YANG HUNG 10 AGOR

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31. (S/D) Evidence of additional telemetry/tracking equipment deployment was observed on imagery of at the apex site of the L-shaped instrumentation pattern that is part of Shuangchengzi Air Drop Marker t and adjacent to Shuangchengzi SSM Tracking Facility 22 Both SHIP WHEEL radars at the apex site and a seven-van-truck telemetry/tracking vehicle set were observed at this site (Figure 7). This equipment was most likely deployed at the same time as the rest of the telemetry/tracking equipment (items 24, 35, and 39; Chart 1), but limited coverage had prevented earlier identification. There was some evidence of activity suggesting participation in monitoring these missile launches at Shuangchengzi Tracking Facility 1, Tracking Facility 5 Tracking Facility 22, Tracking Facility 24 and Laiyang SSM/Space Tracking Facility Figures 1 and 2).	25X1 25X1 25X1 25X1 25X1 25X1 25X1		
32. (S/D) The Chinese government announced the reopening of the closure area on and the naval task force was reportedly en route back to China. Telemetry/tracking equipment that had earlier been deployed at the many facilities throughout China was no longer deployed by (items 24, 35, and 39;	25X1 25X1		
Chart 1).			
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REFERENCES			
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(S/D) All applicable satellite imagery acquired from was used in the preparation of this report.	25X1		
MAPS OR CHARTS			
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<ol> <li>DEFSMAC, Cable, S-DQ-0299-80, PRC Announces Reopening of the Pacific Ocean Closure Area, 21 May 1980 (St 1813Z-21 May 80 (SECRET)</li> </ol>	20/(1		
REQUIREMENT			
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(S) Comments and queries regarding this report are welcome. They may be directed to Asian Forces Division, Imagery Exploitation Group, NPIC.	25X1 25X11		

