

DEFENSE OF MURORAN

SUMMARY:     GUNS

C/D Guns	12
Heavy A/A - D/P	36
Automatic Weapons	11
M/G	3
RADAR	
Search	1
Fire Control	4
Searchlights	18

The A/A defense of this area was exceedingly heavy and well organized. All A/A gun batteries had facilities for communication with main central fire control center at X-13.

The hills around the city furnished ~~the~~ good points of vantage for gun positions and which made ~~possible~~ possible almost <sup>UNRESTRICTED</sup> unobstructed fire. Defense was not so much in "depth" as it was to produce heavy flak barrage over the area <sup>ITSELF.</sup>

Fire control <sup>DEVICES</sup> ~~drives~~ were used in all batteries. <sup>DIRECTOR CONTROL IN MOST.</sup> ~~Only~~ <sup>EVEN</sup> One battery of 20 mm A/A had ~~an automatic~~ gun-laying director.

Radar was used for fire control but ~~not for automatic gun tracking~~ <sup>AND NOT GUNS DID NOT TRACK</sup> ~~ing.~~ <sup>AUTOMATICALLY WITH SET.</sup> Info on ~~radar~~ range, bearings, speed of A/C was telephoned from radar position to gun battery.

All guns, <sup>BUT</sup> ~~R/C~~ equipment, those of the two Naval C/D batteries had been removed from positions ~~by~~ the Japanese after war's end, <sup>AND</sup> stored at collection depot ~~for~~ pending arrival of <sup>U.S.</sup> occupation authorities.

Naval guns were still emplaced, but barrels had been broken by charges of TNT.

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U REPORT

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Fire control devices were used in all batteries. Only one battery of 20 mm A/A has an automatic gun laying director.

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All radar collected but one fixed search-type installation.

U- SKETCHES # 8 AND # 9 ARE THE KEY- SKETCHES

~~FOR~~ FOR ALL OTHER SKETCHES INCLUDED WITH THE  
FOLLOWING REPORTS.

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