
REPUBLIC OF SERBIA
Ministry of Infrastructures



EU Delegation to the Republic of Serbia



Tender Dossier

VOLUME 5

**Survey and Removal of Unexploded
Ordnance (UXO) from the Danube River
(PRAHOVO Section)**

November 2010

VOLUME 5

DESIGN DOCUMENTS, INCLUDING DRAWINGS



Section 5.1**List of drawings attached**

No	Name	Drawing No	Design No
1.	Some bomb types used during NATO bombing 1999.	Figure 1.	
2.	Locations to be cleared from UXO in Serbian waterways	Figure 2.	
3.	Location D-9 Prahovo Section - River Danube km. 858.00 - 859.20	Figure D 9.1	
4.	Location Prahovo Section – Details for UXO cleanup areas	Figure D 9.2 D-9	
5.	Cross section of the River Danube near location Prahovo	Figure D 9.4	



Section 5.2**List of design documents available**

No	Designer	Design No	Design name	Date
1.	PRAHOVO AutoCAD LT Drawing		AutoCAD map with the SSS project 2008/09 is available on CD and on www.europa.rs , section Tenders.	2009-07-06

Drawings are available for inspection from the date of publication of the works procurement notice at the following address:

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(a person or persons authorised to sign on behalf of the tenderer)

Date:



Figure 1. Some bomb types used during NATO bombing 1999.

Some bomb types used during NATO bombing 1999.

Figure Annex 1-1



Figure Annex 1-2



GBU-24 BLU 109

Figure Annex 1-3



Figure Annex 1-4



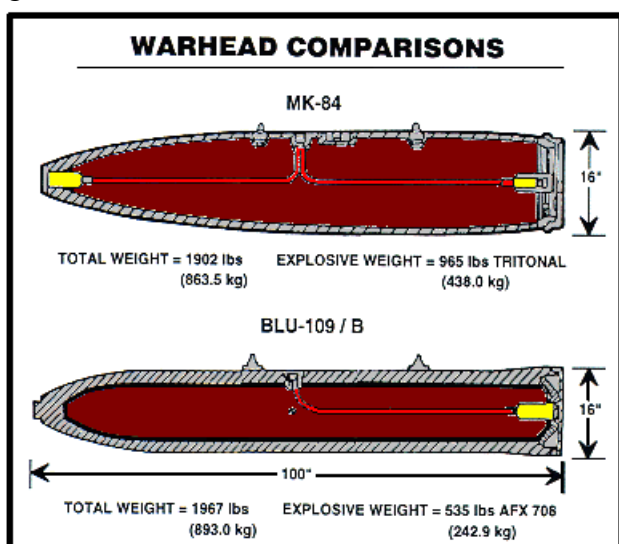
Anex 1. Figure nr. 1

Some bomb types used during NATO bombing 1999.





Figure 1 / Slika 1



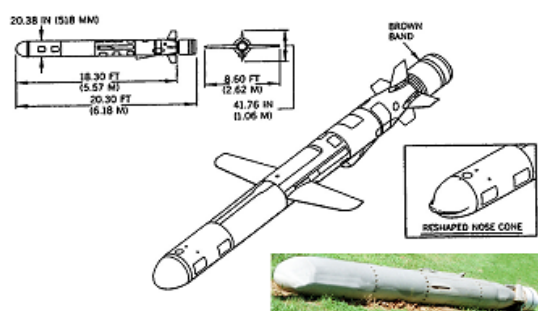
Bomb GBU-27



Bomb GBU-28



TECHNICAL IDENTIFICATION

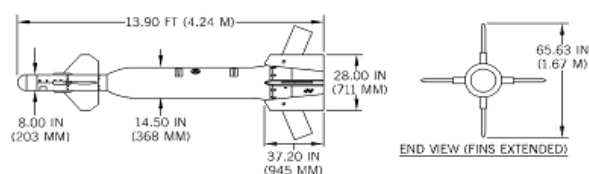


■ U.S. GUIDED MISSILES, SUBMARINE-TO-SURFACE,
■ UGM-109B-1, AND -2 (TOMAHAWK)

■ **G-2-2-56-1**

Ordnance used with:

WARHEADS: WDU-25/B, WDU-36/B



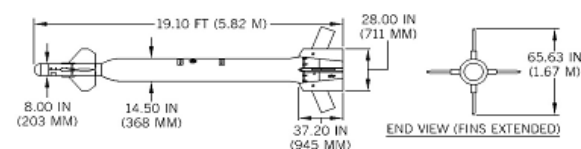
■ U.S. BOMB UNIT, GUIDED, GBU-27/B

■ **B-2-4-6-11**

Ordnance used with:

BOMB: BLU-113/B AND BLU-113A/B

FUZE: FMU-143F/B, FMU-143G/B, FMU-143H/B



■ U.S. BOMB UNITS, GBU-28/B AND GBU-28A/B

■ **B-2-4-6-11**

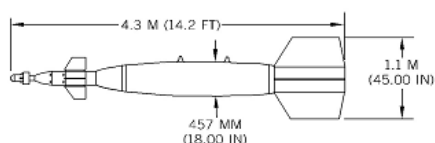
Ordnance used with:

BOMB: BLU-109/B

FUZE: FMU-139A/B

FUZE: FMU-81/B

FUZES: FMU-143/B, FMU-143B/B, FMU-124A/B



■ U.S. UNITS, GUIDED, GBU-10/B & GBU-10A/B

■ **B-2-4-6-2**

Ordnance used with:

BOMB: MK 84

FUZES: FMU-139/B

FUZES: FMU-26-SERIES

FUZES: FMU-81/B

FUZES: M905

FUZES: MKS 344-0 & MK 376-0



■ U.S. BOMB UNITS, GUIDED, GBU-10C/B, D/B, AND E/B

■ **B-2-4-6-6**

Ordnance used with:

BOMB: MK 84

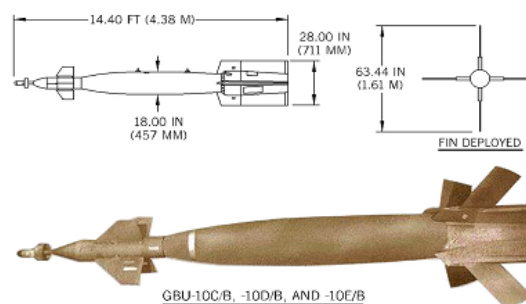
FUZES: FMU-139 A/B, 139/B

FUZES: FMU-26 B/B

FUZES: FMU-81/B

FUZES: M905

FUZES: MK 344 MODS 0 & 1, MK 376 MOD 0



■ U.S. BOMB FUZE, TAIL, IMPACT, SHORT DELAY, M905

■ **B-2-3-27**

Ordnance used with:

BOMBS: BLU-82B

BOMBS: M117 SERIES & M118

BOMBS: M121

BOMBS: MKS 81, 82, 83, 84

CHEMICAL BOMB: MC-1

GUIDED BOMB UNITS: GBU-10/B & GBU-10A/B

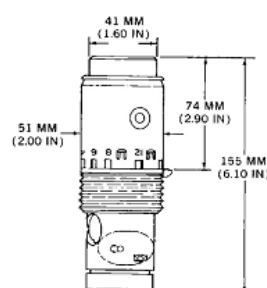


Figure 2. Locations to be cleared from UXO in Serbian waterways

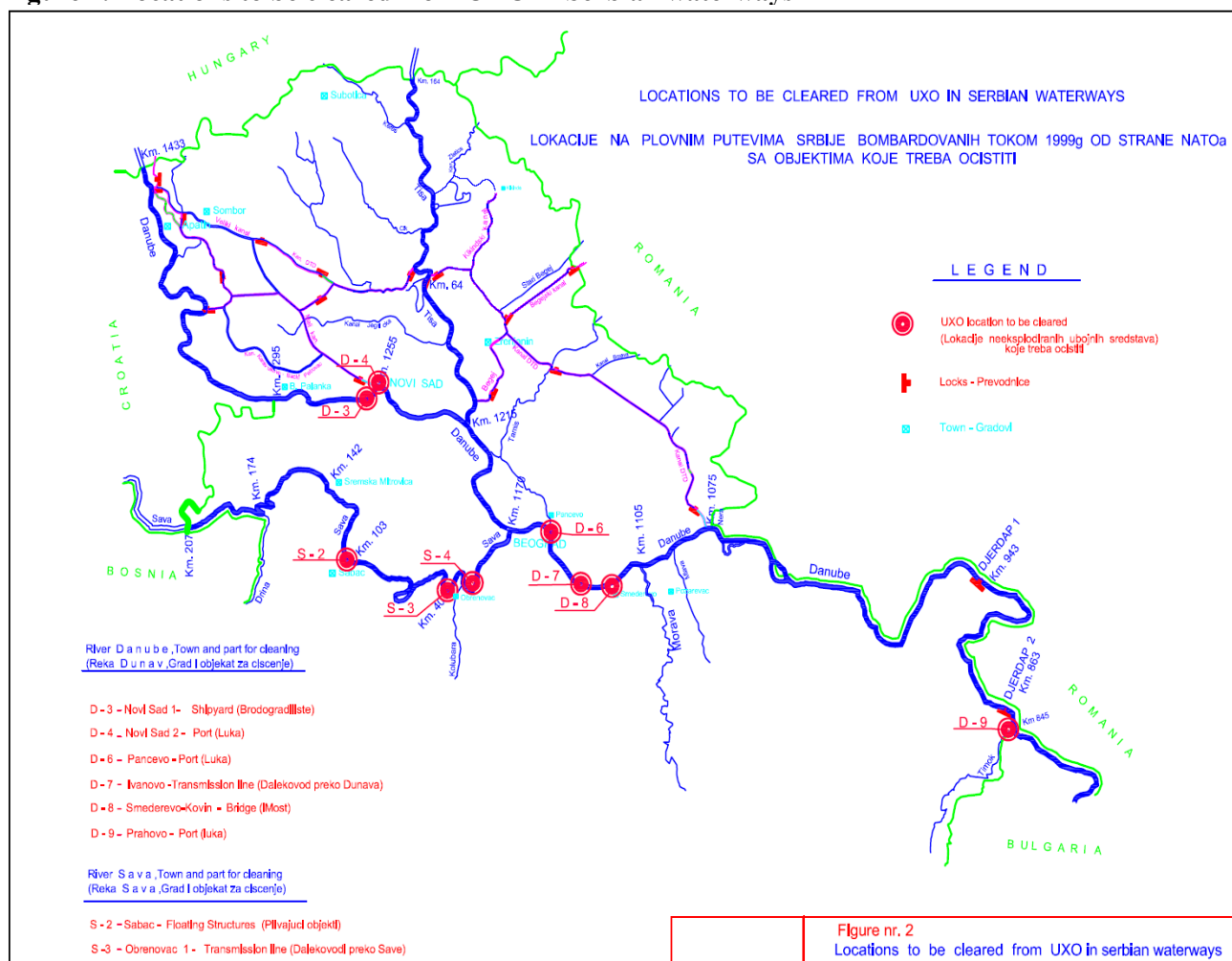
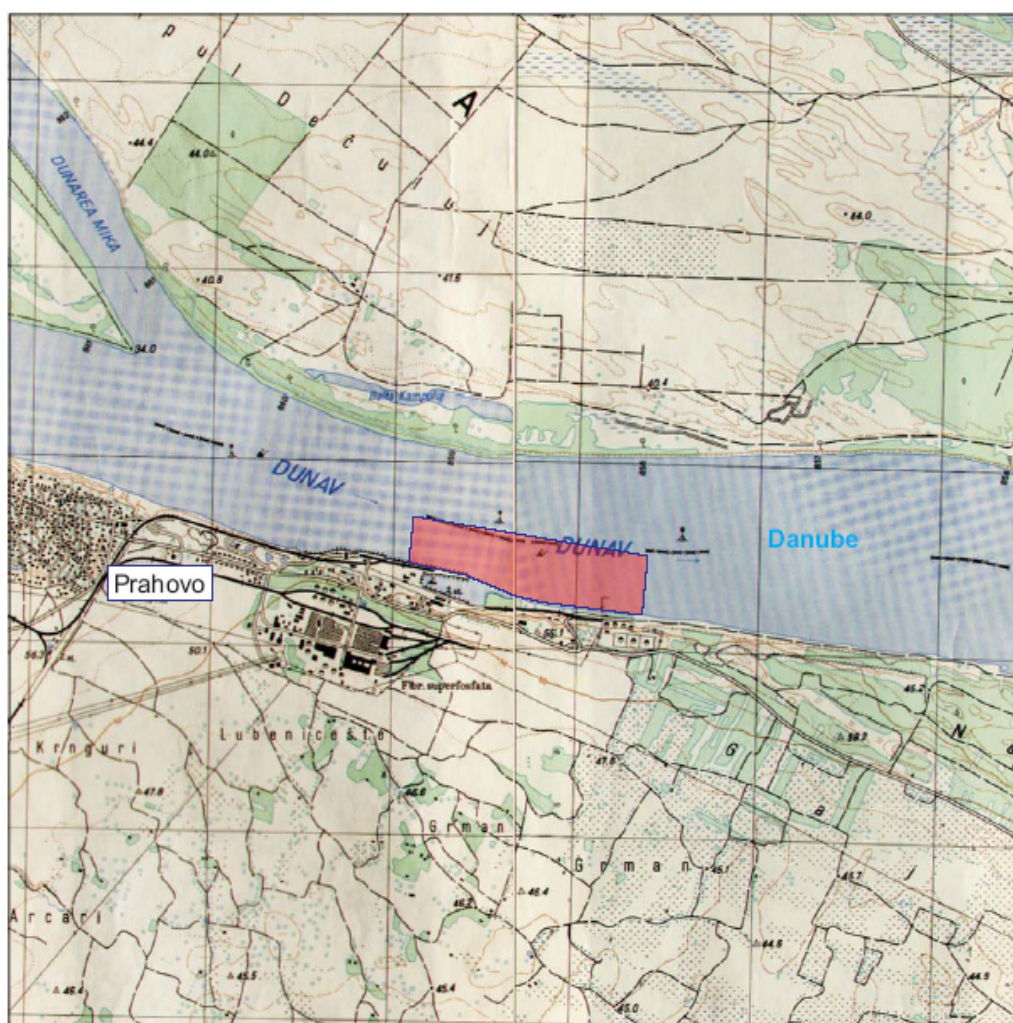


Figure D 9.1 Location D-9 Prahovo Section - River Danube km. 858.00 - 859.20

D - 9 Location Port of Prahovo - River Danube km. 858.00 - 859.20



LEGEND



Initial survey area

Lokacija površine koju treba pretražiti

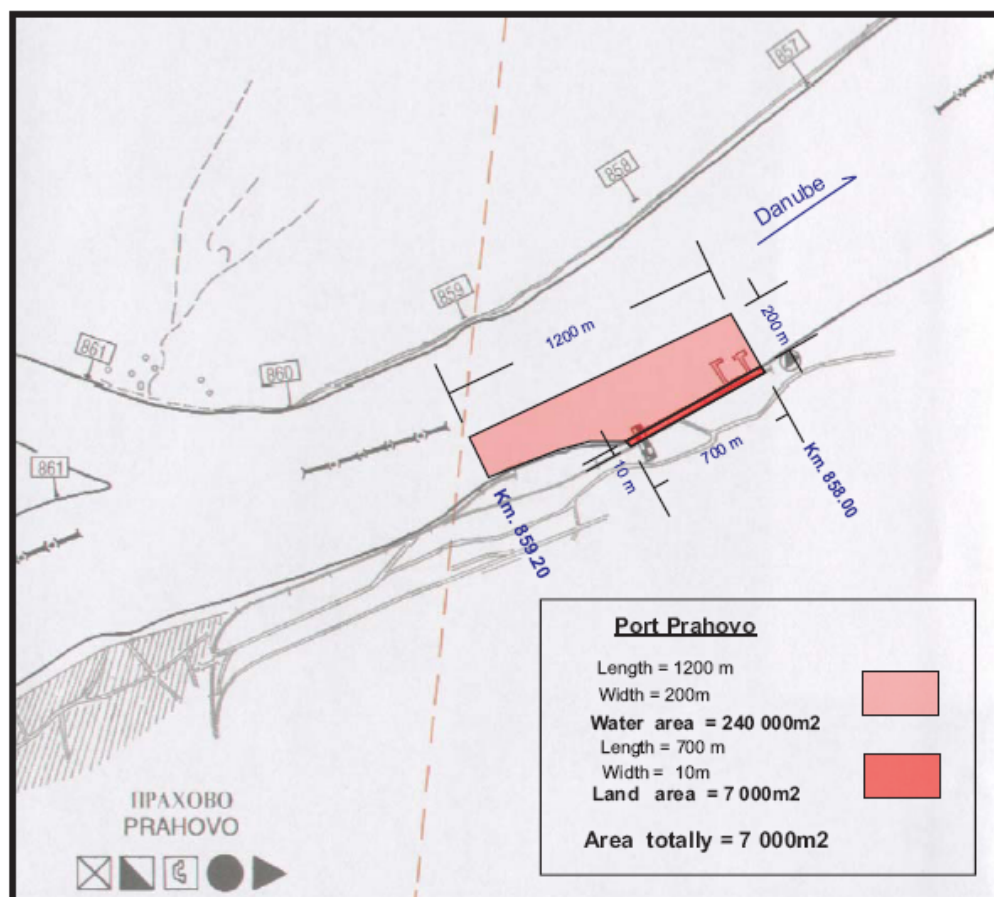
Figure nr. D 9.1

Location D - 9 Port of Prahovo - River Danube km. 858.00 - 859.20



Figure D 9.2 D-9 Location Prahovo Section – Details for UXO cleanup areas

D - 9 Location Port of Prahovo - River Danube km. 858.00 - 859.20



Note : The Danube section from km. 853 -863 does not have any fairway indication on the "Carte de Pilotage du Danube(1997)

Napomena : U Plovidbenim kartama Dunava iz (1997) deo od km.853 - 863 ne sadrži detalje potrebne za bezbednu plovidbu

LEGEND

- Initial survey area
- Lokacija površine koju treba pretražiti

Figure nr. D 9.2

D - 9 Location Port of Prahovo - River Danube km. 858.00 - 859.20



Figure D 9.4 Cross section of the River Danube near location Prahovo

