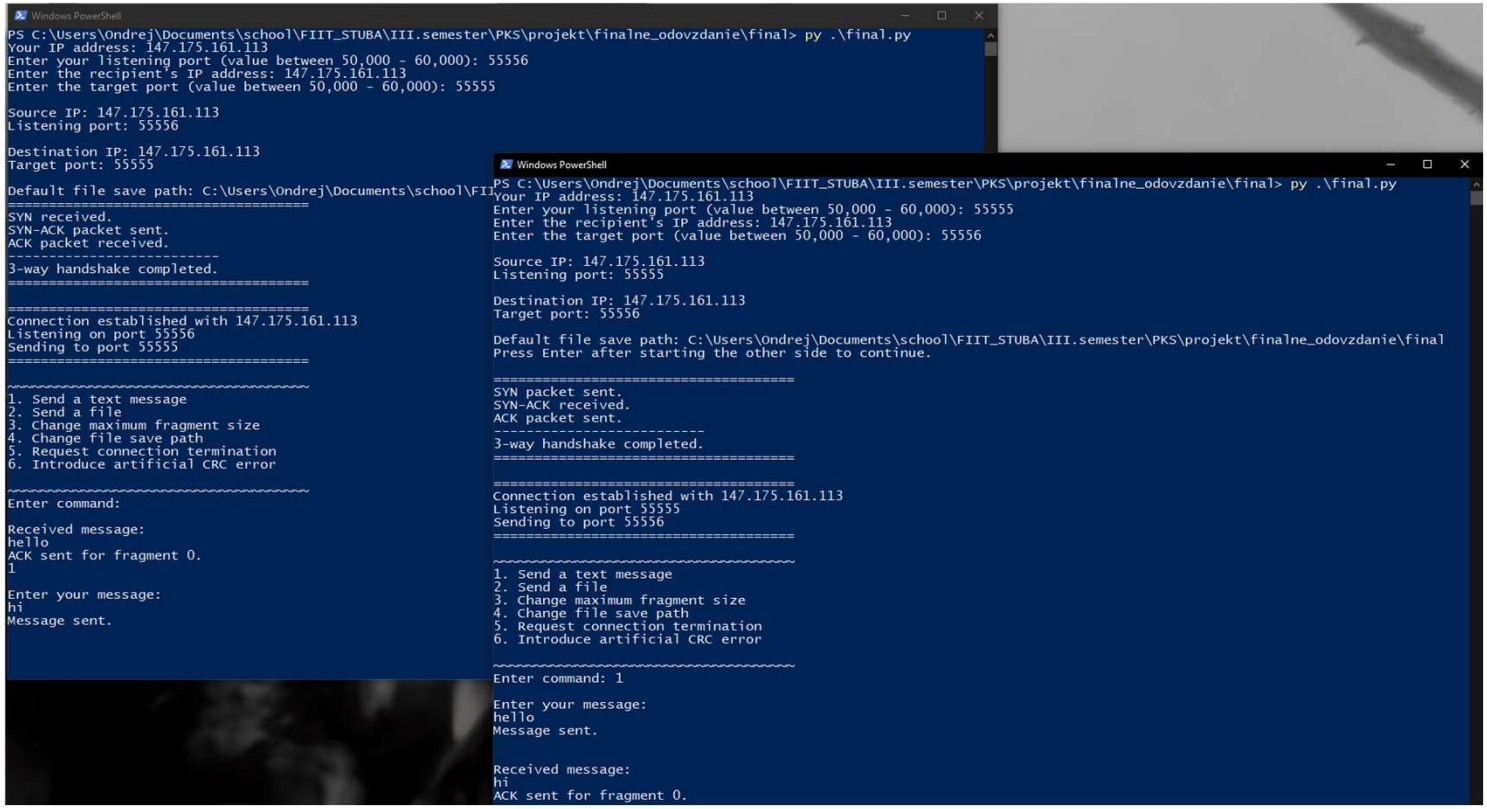
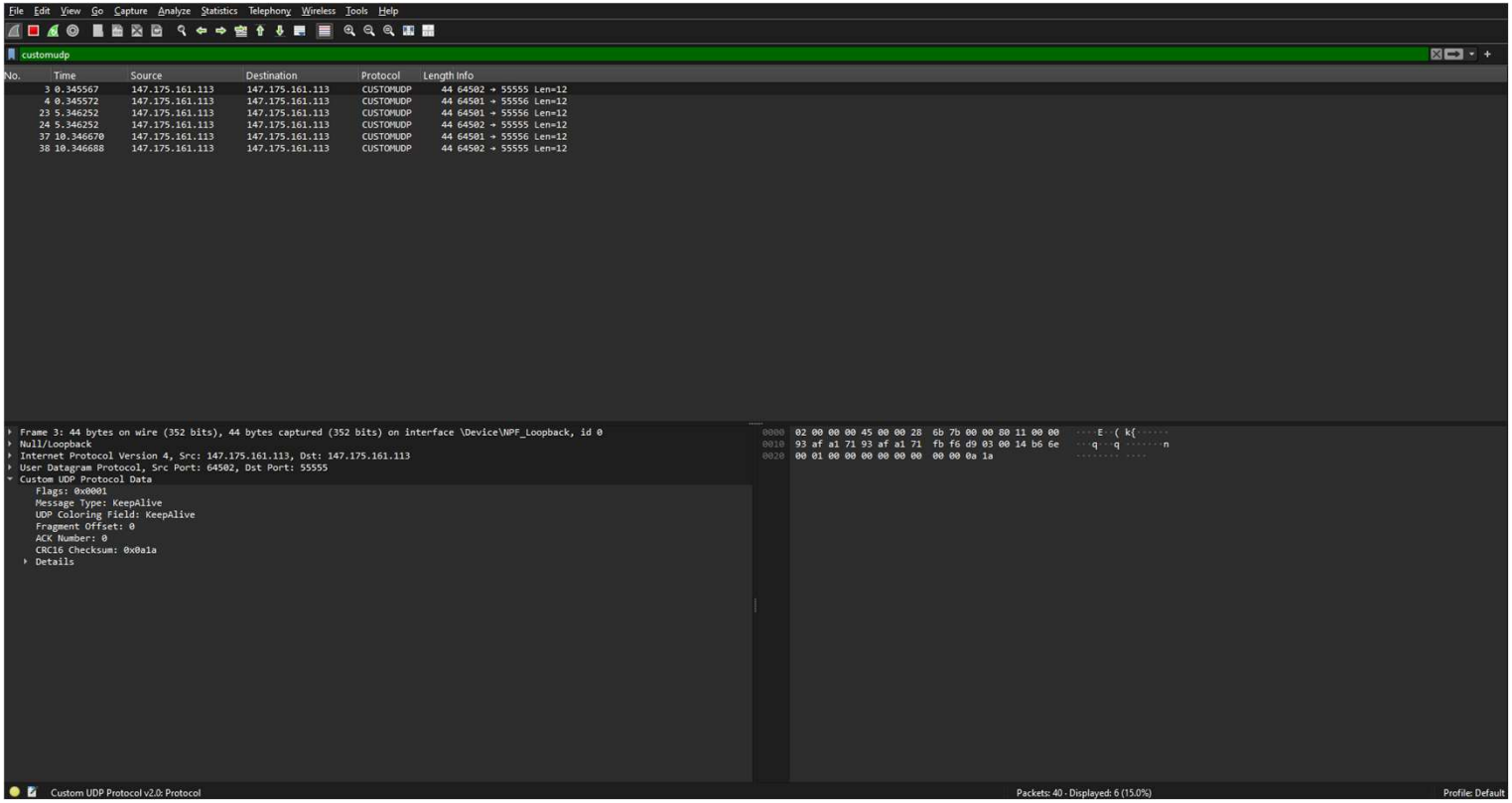
Test Custom UDP protokolu

Ondrej Krajčovič

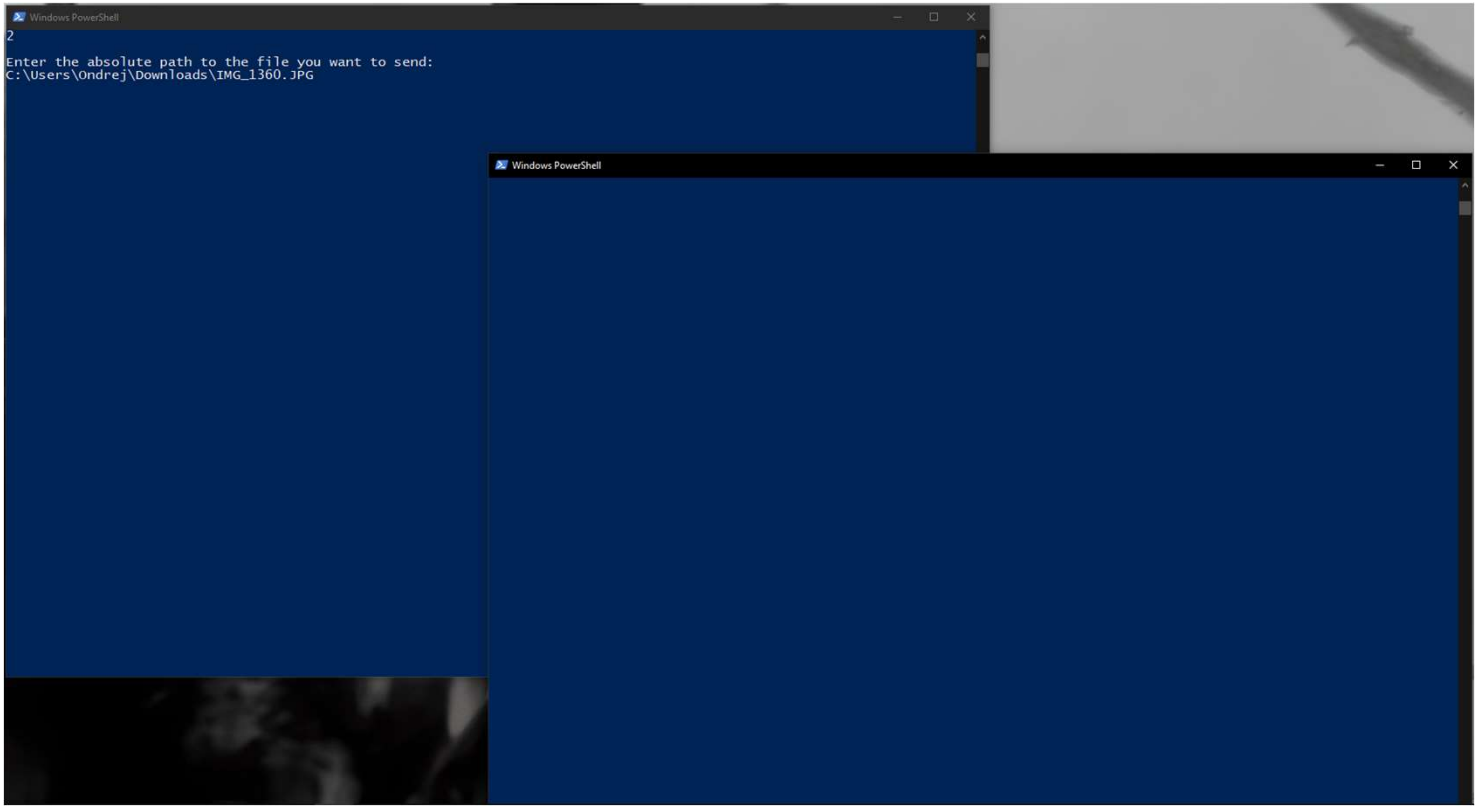
Inicializácia, a poslanie text správy z oboch strán



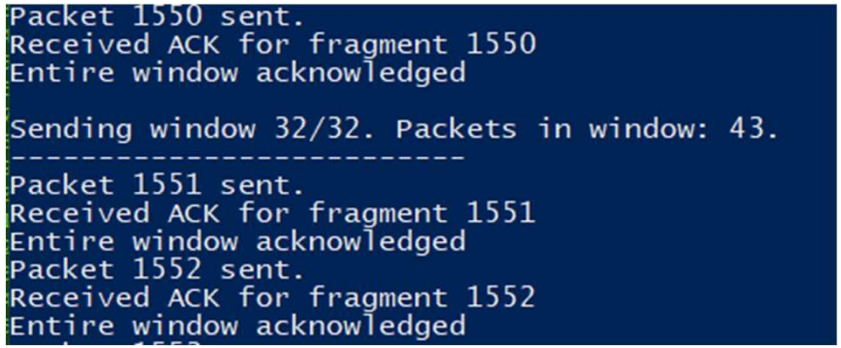
Keepalive odchytený po štarte



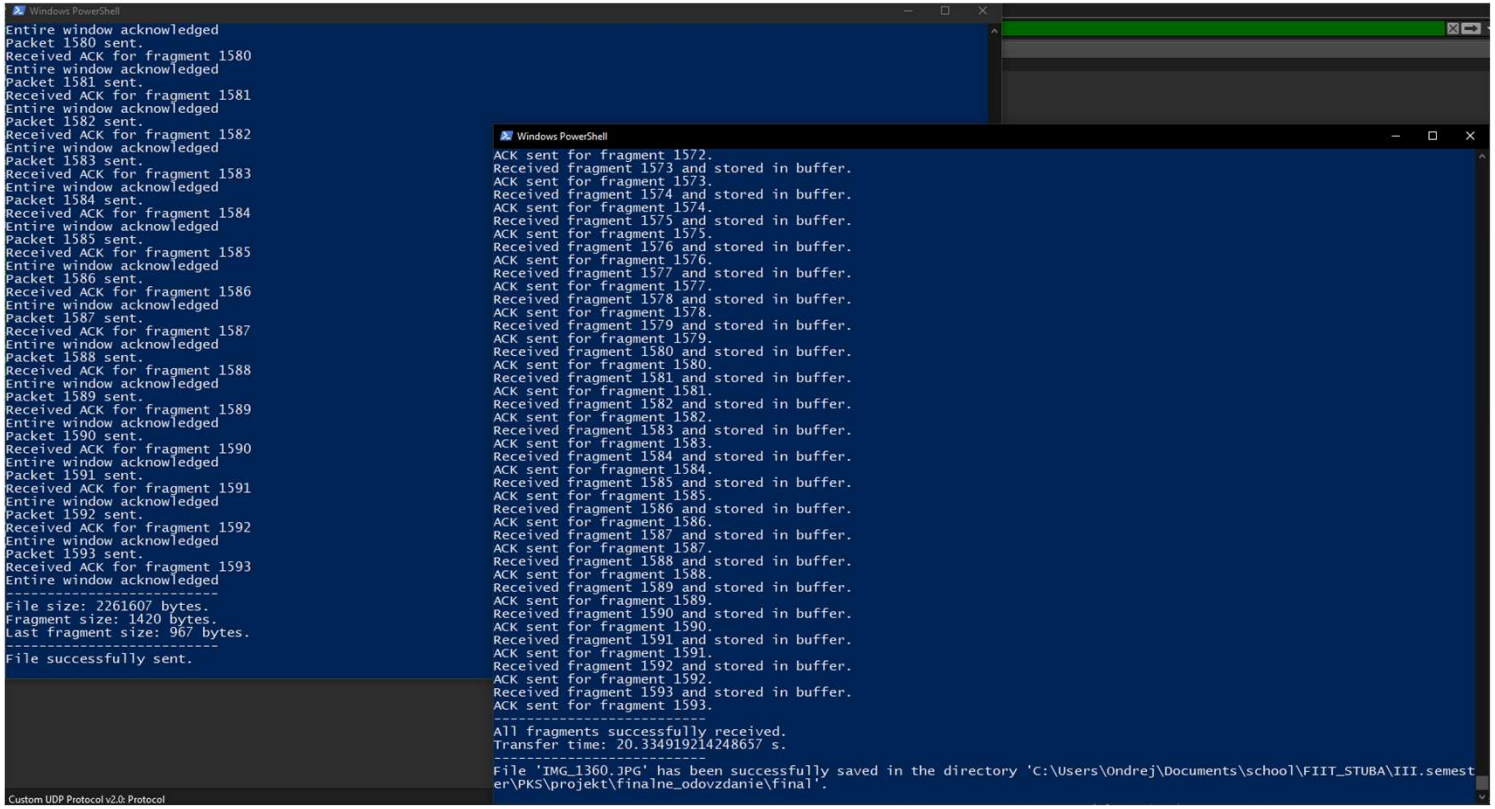
Inicializácia posielanie ~2MB file-u



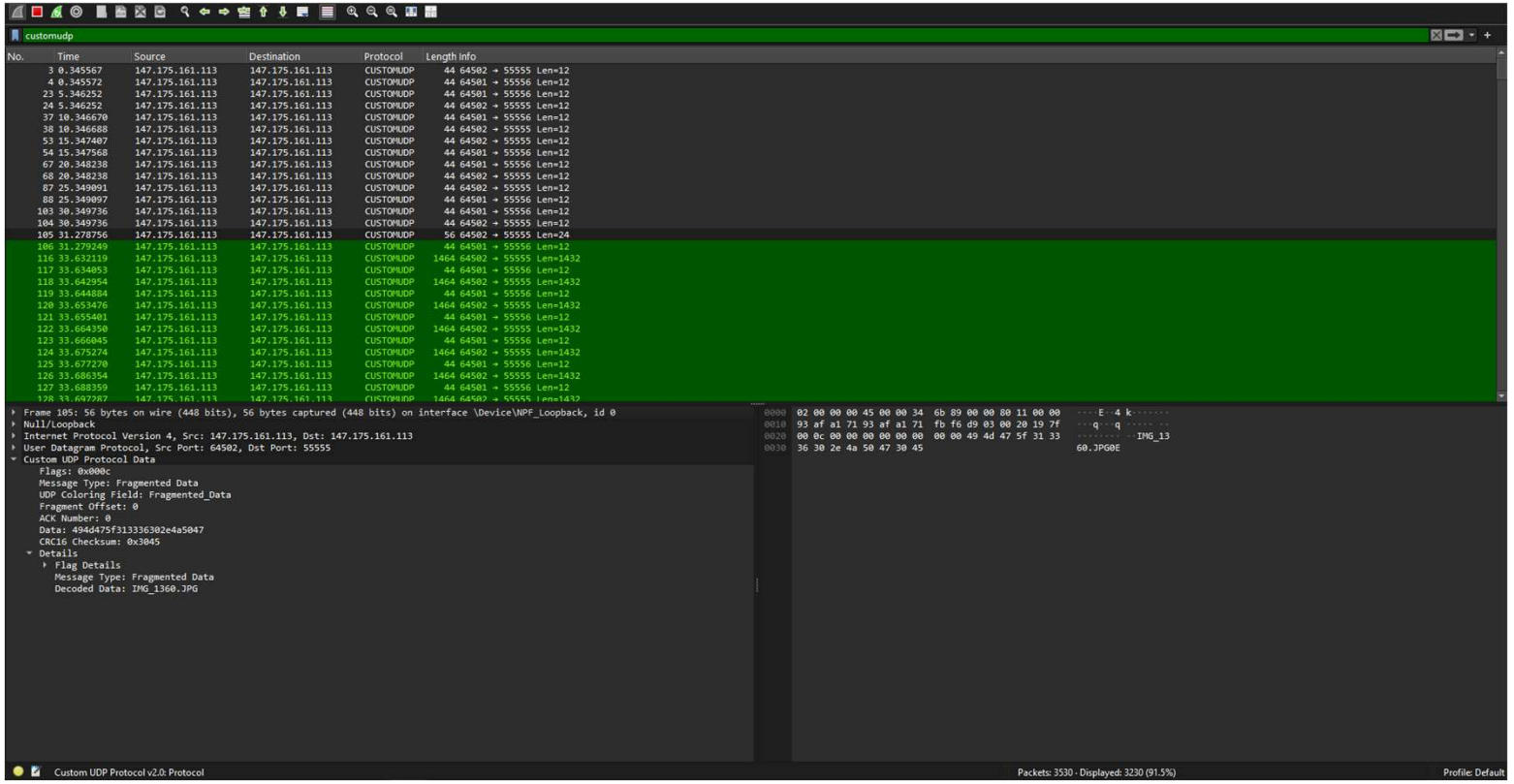
Detail UI: informácia o dokončení posielania okna



Posielanie packetov file-u



Posielanie File-u, detail na prvý packet (filename packet)



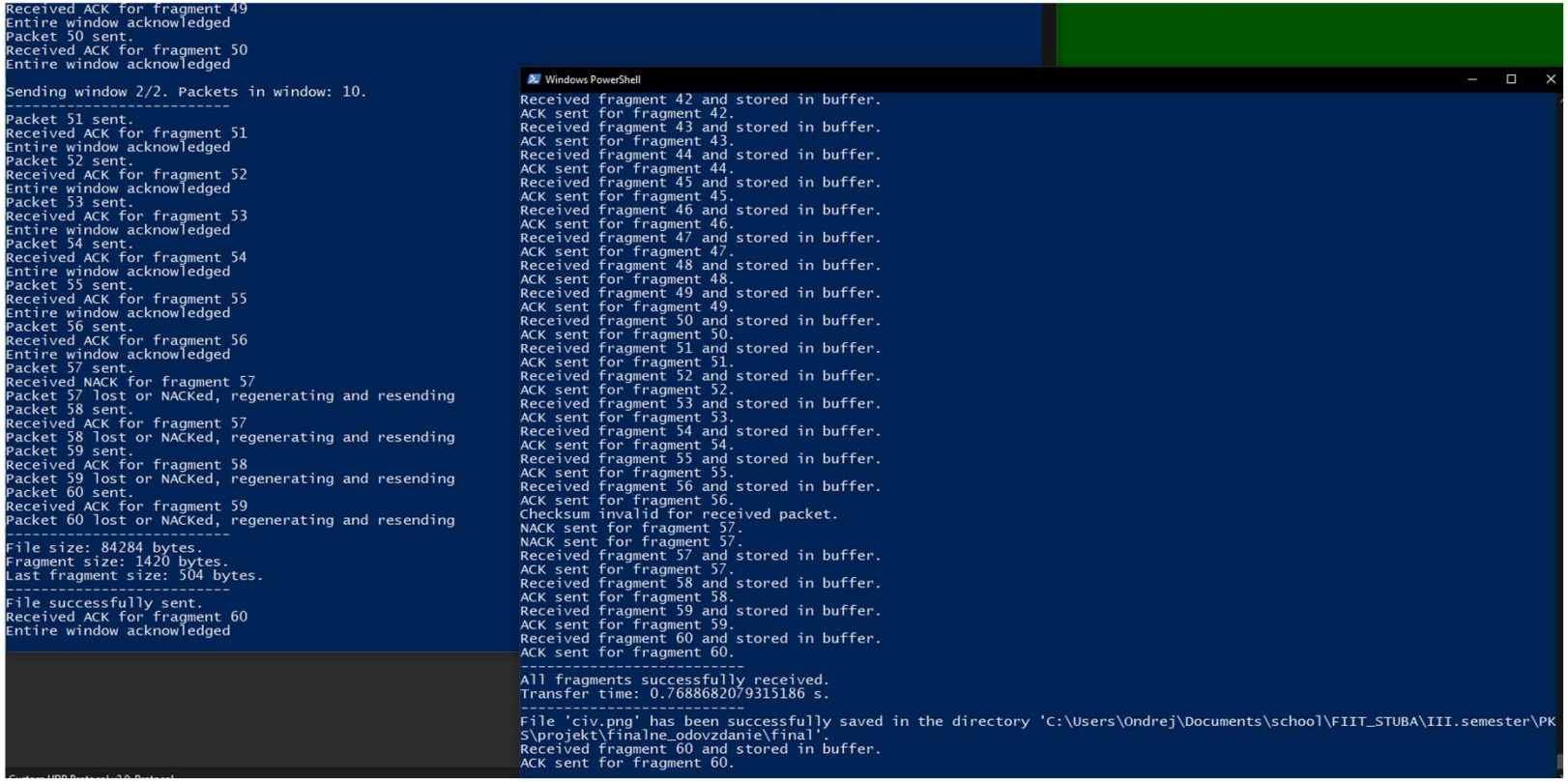
Keep alive počas posielania file-u

No.	Time	Source	Destination	Protocol	Length	Info
416	35.283707	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
417	35.285629	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
418	35.294587	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
419	35.296963	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
420	35.305422	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
421	35.308307	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
422	35.322446	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
423	35.324544	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
424	35.333535	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
425	35.335738	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
426	35.346938	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
427	35.349005	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
428	35.349843	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
429	35.349870	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64502 → 55555 Len=12
430	35.357395	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
431	35.359329	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
432	35.369187	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
433	35.371385	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
434	35.381597	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
435	35.383443	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
436	35.392368	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
437	35.395868	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
438	35.403130	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
439	35.405569	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
440	35.413873	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
441	35.415816	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
442	35.424667	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432
443	35.427015	147.175.161.113	147.175.161.113	CUSTOMUDP	44	64501 → 55556 Len=12
444	35.435327	147.175.161.113	147.175.161.113	CUSTOMUDP	1464	64502 → 55555 Len=1432

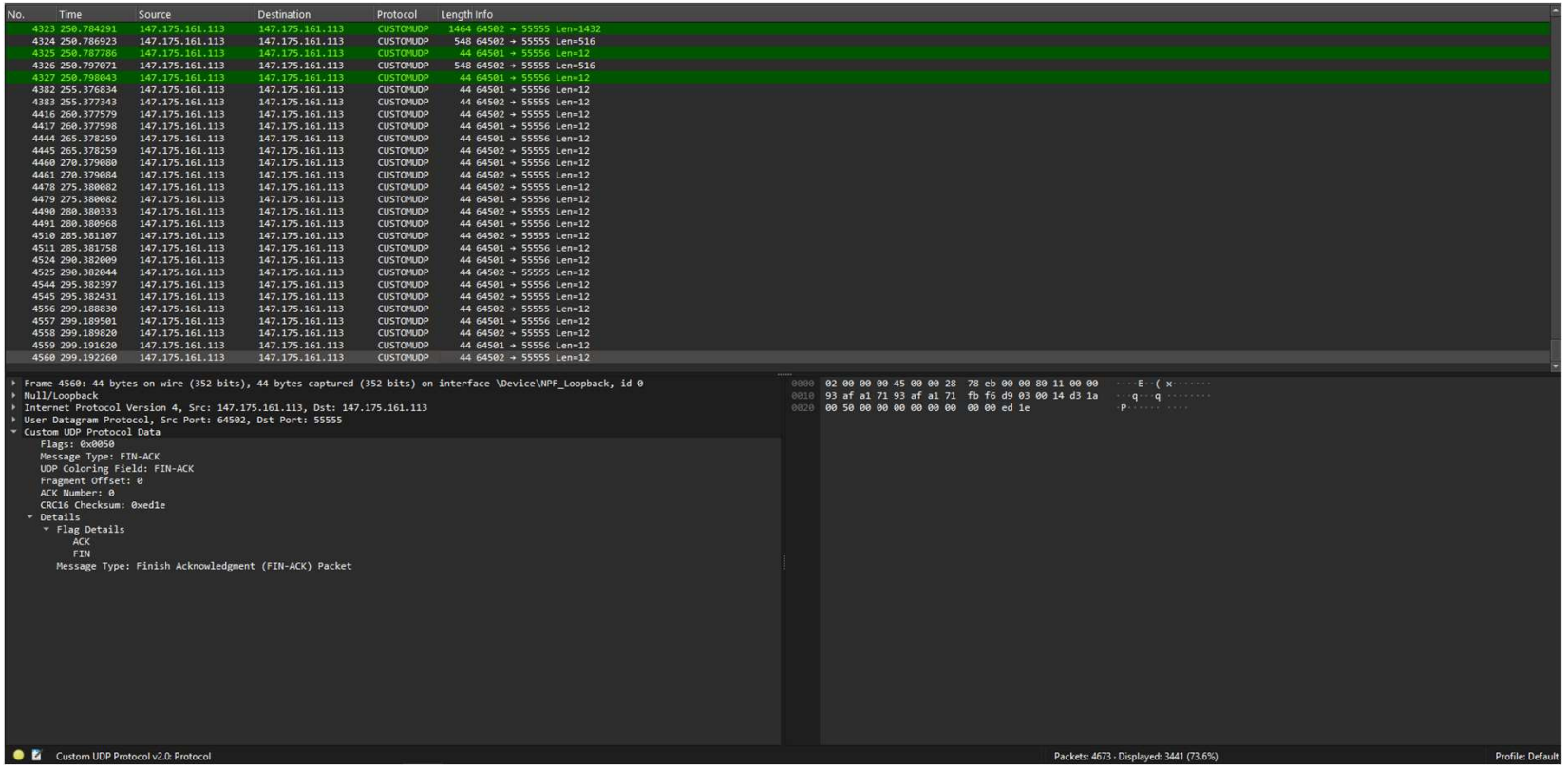
Inicializácia umelej chyby + setup posialnia druhého file-u

```
6

Introduce Artificial CRC Error
Enter the packet ID (fragment number) you want to corrupt: 57
Packet 57 will have its CRC corrupted.
Now, please proceed to send your message or file.
Note: The CRC of packet with fragment number 57 will be corrupted.
2

Enter the absolute path to the file you want to send:
C:\Users\Ondrej\Downloads\civ.png
```

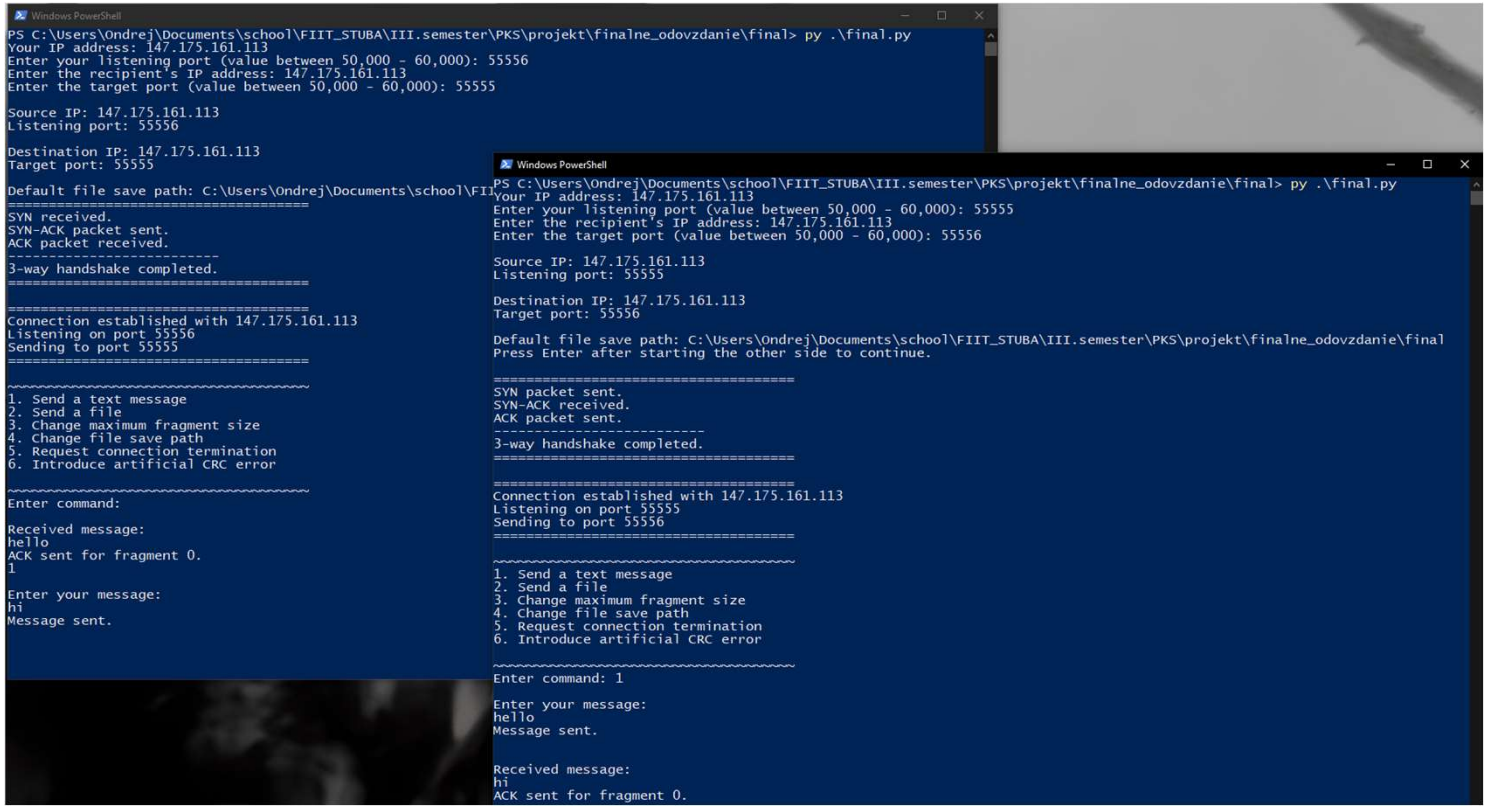
Detail NACK a preposielanie chybného packetu



Záver posielania umelej chyby - wireshark



Uzavretie spojenia



Ďakujem za pozornosť