

Starship Combat Guide

This article aims to provide a complete reference manual for the depiction of combat between starships in the setting and to incorporate the changes approved in the *Proposed Setting Revisions for 2011* discussion.

Anti-FTL

Starships can be prevented from making [FTL](#) jumps by targeting them with a graviton beam. This effect is not cumulative (more graviton beams do not make it work any better) and it only works on ships of the same or smaller size class.

Subspace detonations - such as those caused by the [Ke-M2-W2907-SDMM](#) and the [Type 1 AS-7-1-SDM](#) - can also temporarily prevent starships from making [FTL](#) jumps.

[FTL](#) devices other than teleportation modules cannot be used inside a sun's [Hill Sphere](#).

NOTE: “[Interdiction](#)” systems previously allowed in the setting are no longer valid as of January 1st, 2011.

Determining Damage

See [Damage Rating \(Version 3\)](#) or [Damage Rating \(Version 2\)](#) for older articles (we're converting to the new one).

Engagement Range Guidelines

Note: This section primarily applies to gun-based starship weapons in the setting, such as railguns, plasma weapons, laser weapons, autocannons, antimatter weapons, mass drivers, etc.

Light-Seconds	Kilometers ¹⁾	Notes
0.033	10,000	For gameplay purposes, any light-speed weapon less than this far away is considered to hit instantly.
0.100	30,000	
0.250	75,000	
0.500	150,000	
0.750	225,000	
1.000	300,000	This is the furthest any ship can reliably hit one another most of the time with light-speed weapons. ²⁾
1.500	450,000	
2.000	600,000	At this range, misses are more common. (75% chance to hit)

Light-Seconds	Kilometers ¹⁾	Notes
2.500	750,000	(50% chance to hit)
3.000	900,000	Maximum engagement range for light-speed weapons. Accurate shots are rare. (25% chance to hit) ³⁾

FTL Combat

- Combat while at [FTL](#) speeds is not possible in the setting.
- There are no [FTL](#) weapons in the setting, apart from [FTL](#) torpedoes.⁴⁾
 - These torpedoes can use [FTL](#) to enter an area but must make their attack runs at STL speeds.
 - [FTL](#) torpedoes cannot utilize their [FTL](#) drives inside a sun's [Hill Sphere](#).
 - [FTL](#) torpedoes have a maximum [FTL](#) velocity of 12c (~3,600,000 kilometers/second or ~2,200,000 miles/second).

Related Articles

- [A Guide to Space Combat](#)

OOOC Notes

[updated](#) this article on 2017/12/29 20:26 after receiving [approval](#) from [meta_mahn](#) on 2017/12/24 12:00.

¹⁾
Values have been rounded for ease of calculation. 1 light-second = 299,792.458 kilometers.

²⁾
For scale, the distance from the earth to the moon on average is 1.2825 light-seconds.

³⁾
A **few** weapons in the setting - such as [Aether Shock Arrays](#) - have longer maximum engagement ranges.

⁴⁾
“Torpedo” in this instance is referring to any starship-grade missile-based weapon system, such as missiles, rockets, torpedoes, etc.

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