

# ENGINEER ACTIONS

**Source** *Starfinder Core Rulebook* pg. 323

As an engineer, you can take any of the following actions, depending on your ranks in the Engineering skill. These actions can be taken only during the engineering phase. Unless otherwise noted, each action can be performed only once per round, no matter how many engineers are on a starship.

## DIVERT (ENGINEERING PHASE)

You can divert auxiliary power into one of your starship's systems, giving it a boost. This requires a successful Engineering check (DC =  $10 + 1\text{-}1/2 \times$  your starship's tier), and the results depend on where you decide to send this extra power. If you send it to the engines, your starship's speed increases by 2 this round. If you send it to the science equipment, all science officers receive a +2 bonus to their crew actions this round. If you send it to the starship's weapons, treat each damage die that rolls a 1 this round as having rolled a 2 instead. If you send it to the shields, restore an amount of Shield Points equal to 5% of the PCU rating of the starship's power core (see page 296), up to the shields' maximum value. You can distribute the restored Shield Points across the shields' four quadrants as you see fit.

## HOLD IT TOGETHER (ENGINEERING PHASE)

You can hold one system together by constantly patching and modifying it. If you succeed at an Engineering check (DC =  $15 + 1\text{-}1/2 \times$  your starship's tier), you can select one system; that system is treated as if its critical damage condition were two steps less severe for the rest of the round (wrecked becomes glitching, and a malfunctioning or glitching system functions as if it had taken no critical damage). This check isn't modified by penalties from critical damage to the power core.

## PATCH (ENGINEERING PHASE)

You can patch a system to reduce the effects of a critical damage condition. The number of actions and the DC of the Engineering check required to patch a system depend on how badly the system is damaged, as indicated on the table on page 324. Multiple engineers can pool their actions in a single round to effect repairs more quickly, but each engineer must succeed at her Engineering check to contribute her action to the patch. The number of actions required can be reduced by 1 (to a minimum of 1 action) by increasing the DC by 5. If you succeed at this check, the severity of the critical damage is unchanged, but it is treated as one step less severe for the remainder of the combat, until 1 hour has passed, or until the system takes critical damage again (which removes the patch and applies the new severity). This action can be taken more than once per round, and this check is not modified by any critical damage to the core.

Critical Damage Condition	Actions to Patch	DC
Glitching	1	$10 + 1\text{-}1/2$ times your starship's tier
Malfunctioning	2	$15 + 1\text{-}1/2$ times your starship's tier
Wrecked	3	$20 + 1\text{-}1/2$ times your starship's tier

## **OVERPOWER (ENGINEERING PHASE, PUSH)**

If you have at least 6 ranks in Engineering, you can spend 1 Resolve Point and attempt an Engineering check (DC = 15 + 1-1/2 × your starship's tier) to squeeze more out of your ship's systems. If you're successful, this functions as the divert action, but you can send extra power to any three systems listed in that action. This action and the divert action can't be taken in the same round.

## **QUICK FIX (ENGINEERING PHASE)**

If you have at least 12 ranks in Engineering, you can try to repair a system quickly by spending 1 Resolve Point and attempting an Engineering check (DC = 20 + 1-1/2 × your starship's tier). If successful, you remove the critical damage condition from one system for 1 hour (allowing it to function as if it had taken no critical damage), after which time it must be repaired as normal.

# **OPEN CREW ACTIONS**

**Source** *Character Operations Manual* pg. 148

Open crew actions are generally less specialized tasks than a typical crew action, and they can be performed regardless of a character's role. Many open crew actions do not require any specific skill or skill check to perform and can be undertaken by anyone with at least 1 rank in Computers, Engineering, Physical Science, or Piloting. Taking an open crew action counts as your action during a starship combat encounter.

Open crew actions occur at the beginning of the engineering phase, before any other actions occur. All open crew actions occur simultaneously and can be resolved in any order the GM sees fit. Each open crew action can be performed only once per round.

## **ERRATIC MANEUVERING (OPEN)**

You trigger minor maneuvering thrusters, probe launchers, ballast vents, and other secondary systems at random to cause your starship to make small, unexpected jukes in its trajectory. This does not affect the starship's facing or movement, but it grants a +1 circumstance bonus to your starship's AC and TL against any opponent that performs the flyby stunt this round.

## **FEIGN DISASTER (OPEN)**

As a ploy, you can activate fake distress calls, set off false internal alarms, artificially blow outer doors of airlocks, dump trash and other debris from your ship's jettison tubes, and intentionally leak panicked-sounding internal communications over public communication channels to convince your opponents that your ship has suffered a catastrophic failure and may imminently explode or otherwise cease functioning in a violent, spectacular manner. Each enemy vessel's captain (or the science officer with the highest Computers skill bonus, if the ship has no captain) must attempt a Computers check (DC = 10 + 1-1/2 × your starship's tier) immediately after you take this action; this doesn't take them an action. On a successful check, the enemy ship's crew sees through your ruse and this action has no effect, but on a failed check, their crews automatically take steps to ensure that their own ship's sensors are not blinded by the energy released by your ship's theoretical imminent destruction. These emergency procedures impose a -2 penalty on their checks for scan and lock on actions taken against your ship, as well as on Piloting checks attempted while within 1 hex of your starship. Once used, regardless of the outcome, feign disaster can't be used again during the same combat encounter, even against different opponents or newcomers to the battlefield.

### **PRIORITIZE CALCULATION (OPEN)**

You use a command terminal to temporarily suspend background computer tasks running noncritical systems throughout the ship, prioritizing the combat calculations made at one specific crew station. One crew member attempting a check this round and using a bonus from the ship's computer can increase that bonus by 1.

### **RANGE FINDING (OPEN)**

You use any one of a number of your ship's systems to identify the range to a specific target or spatial feature, and you relay that information to another crew member so that they are free to focus on other aspects of the task they're attempting this round. Select one crew member filling the gunner, pilot, or science officer role. They gain +1 bonus to one attack roll or skill check of their choice related to starship combat that's attempted before the end of this turn.

### **READY WEAPON SYSTEM (OPEN)**

You carefully perform comprehensive pre-firing preparations for one weapon, reading each minute detail of its systems and giving the ship's computers time to calculate the peak moment to fire the weapon so it can deal the maximum amount of damage to your opponents' ship. While normally no one has the time or capacity to perform these tasks in the heat of battle, you know they can be invaluable when focused on properly. Select one weapon system when you perform this task. If that weapon is not fired this round but is fired on the next round after you have readied it, it deals +1 damage on a successful attack (+2 damage for starships of tier 6 and greater).

## **MINOR CREW ACTIONS**

**Source** *Starfinder Core Rulebook* pg. 326

Minor crew actions are computer-aided actions that allow a starship limited functionality if it doesn't have the necessary crew to fill all the roles (for instance, the lone crew member aboard a Tiny starship might always be the pilot but may need to fire one of the vessel's weapons in an emergency). You can take one minor crew action per round regardless of your current role, but only if no other action was performed this round for the role associated with that minor crew action. A minor crew action can be performed only once per round and doesn't count as your action.

### **GLIDE (HELM PHASE, MINOR)**

You move the starship at half its normal speed. The starship can take turns during this movement, but the starship's distance between turns increases by 2. You can add your ranks in the Piloting skill to the starship's AC and TL for this round. You can only take this action if no other pilot actions have been taken during the helm phase (including glide).

### **SNAP SHOT (GUNNERY PHASE, MINOR)**

You can fire one of your starship's weapons with a -2 penalty to the gunnery check. You can take this action only if no other gunner actions have been taken during the gunnery phase (including snap shot).

## **QUICK RESCAN (HELM PHASE, MINOR)**

You quickly check the sensors to see minor changes and updates that your starship has made available since the last time your crew scanned the your opponent's starship. A science officer must have used the scan action in a previous round to determine information about the other starship you are looking for updates on. If you succeed at a Computers check (DC = 5 + 1-1/2 × the tier of the starship being scanned + its bonus from defensive countermeasures), you receive one piece of information, such as the ship's current Hull Points or its current distribution of Shield Points. You can take this action only if no science officer actions have been taken during the helm phase (including visual identification and quick rescan).

## **VISUAL IDENTIFICATION (HELM PHASE, MINOR)**

You use your ship's visual sensors to get a much closer look at an opponent's starship and see if you recognize the technology used to make the ship or if you remember some specific technical details of its make and model. Attempt a Computers, Engineering, or Perception check (DC = 10 + 1-1/2 × the tier of the starship being examined). If you succeed, you learn the first unknown piece of information on the list below (all basic information, all defenses, or information about one weapon). Information already obtained from a science officer's scan action or a quick rescan minor action is not unknown. You learn only one unknown piece of information, regardless of your total check result. Subsequent successful checks reveal new pieces of information, continuing down the list below.

1. **Basic Information:** Size, speed, and maneuverability.

2. **Defenses:** Total Hull Points, total Shield Points, and power core PCU value.

3. **Weapon:** Information about one weapon, including its firing arc and the damage it deals, selected at random. Repeat this entry until all the starship's weapons are revealed. You can take this action only if no science officer actions have been taken during the helm phase (including visual identification and quick rescan).