

--- Part Two ---

Your device's communication system is correctly detecting packets, but still isn't working. It looks like it also needs to look for messages.

A start-of-message marker is just like a start-of-packet marker, except it consists of 14 distinct characters rather than 4.

Here are the first positions of start-of-message markers for all of the above examples:

- `mjqjpqmgbljsphdztnvjfqwrcgsmlb`: first marker after character 19
- `bvwbjplbgvbhsrlpgdmjqwftvncz`: first marker after character 23
- `nppdvjthqldpwncqszvftbrmjlhg`: first marker after character 23
- `nznrnfrfntjfmvfwmzdfjlvtqnbhcprsg`: first marker after character 29
- `zcfzfwzzqfrljwzlrfnpqdbhtmscgvjw`: first marker after character 26

How many characters need to be processed before the first start-of-message marker is detected?

Answer:  [\[Submit\]](#)

Although it hasn't changed, you can still [get your puzzle input](#).

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