NAME
tiffcheck – check TIFF for *HylaFAX* conversion requirements

SYNOPSIS
/usr/local/sbin/tiffcheck [*options*] *file.tif*

DESCRIPTION
tiffcheck takes TIFF input and writes a multi-line text message to the standard output describing any work needed to prepare the images for facsimile transmission. *tiffcheck* is usually invoked by *tiff2fax*(8C) script that is used by the *HylaFAX* scheduler to prepare TIFF documents submitted for transmission.

The first line of output is a series of ''+''-separated words that indicate if the input file should be:

- rejected (''REJECT''),

- reformatted with a different data-encoding scheme (''REFORMAT''),

- scaled to different page dimensions (''RESIZE''),

- reimaged in a different vertical resolution (''REVRES''), or

- reimaged for other reasons such as conversion from color to black&white (''REIMAGE'').

The conversion requirements string will always have keywords in the above order; e.g. ''RESIZE+REVRES'' if the input file needs to be scaled and converted to a different resolution. Information following the first line is descriptive text that explains the reason(s) for the file conversion(s); this text is suitable for return to a client (should document conversion fail or not be attempted). The descriptive text is ordered identically to the keywords in the conversion string; this makes it possible to match up conversion requirements to reasons.

OPTIONS
The following operations are recognized:

−1   Set output to be Group 3 1D-encoded.

−2   Set output to be Group 3 2D-encoded.

−3   Set output to be Group 4 MMR-encoded.

−w *width*   Set the output page *width*, in pixels. By default, pages are 1728 pixels wide.

−l *length*   Set the output page *length* in millimeters. By default, pages are 297 millimeters long.

−r *vres*   Set the vertical resolution, in lines/inch, at which to image the .

EXAMPLES
The following color image needs to be converted to black&white, resized to the output page dimensions, and reformatted to use Group 3 1D-encoded data.

```
hyla% /usr/local/sbin/tiffcheck jello.tif
REFORMAT+RESIZE+REIMAGE
Document is not a bilevel image (bits/sample 8).
Document requires reformatting, not in Group 3 format.
Document requires resizing to adjust page width (convert to 1728, document is 256).
```

This image is a facsimile received at high resolution (196 lpi); it only needs to be converted to 98 lpi.

```
hyla% /usr/local/sbin/tiffcheck faxix.tif
REVRES
Document requires reformatting to adjust vertical resolution (convert to 98, document i
```

SEE ALSO
tiff2fax(8C), *faxq*(8C), *hylafax-server*(5F)