Mother's Secret

Question: What is the number of the emergency command override?

Mother:

- Emergency command override is 100375. Use it when accessing *Alien Loaders*.
- Download the task files to learn about Mother's routes.
- Hitting the *routes* in the *right* order makes Mother confused, it might think you are a Science Officer!

Answer: 100375

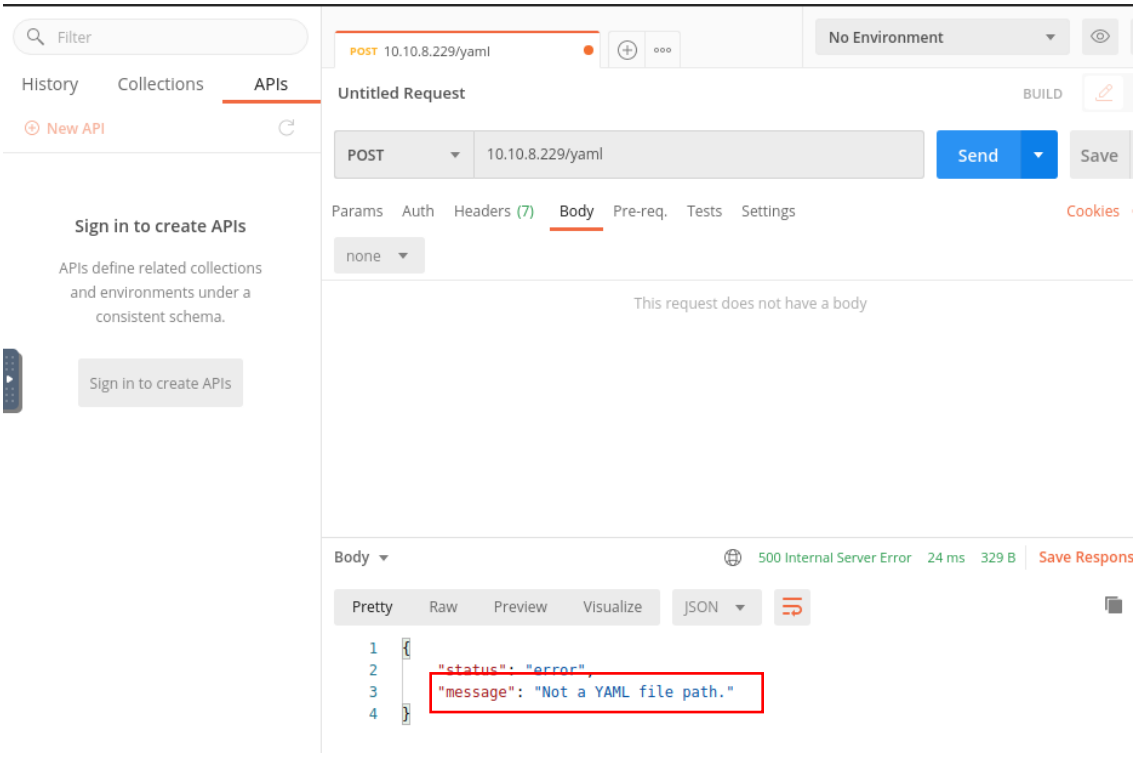
Question: What is the special order number?

Answer: 937

Question: What is the hidden flag in the Nostromo route?

Using the hint above remember the number **100375**

In file routes(2).txt, we see that express router for yaml so we can use postman to make a POST request to it.

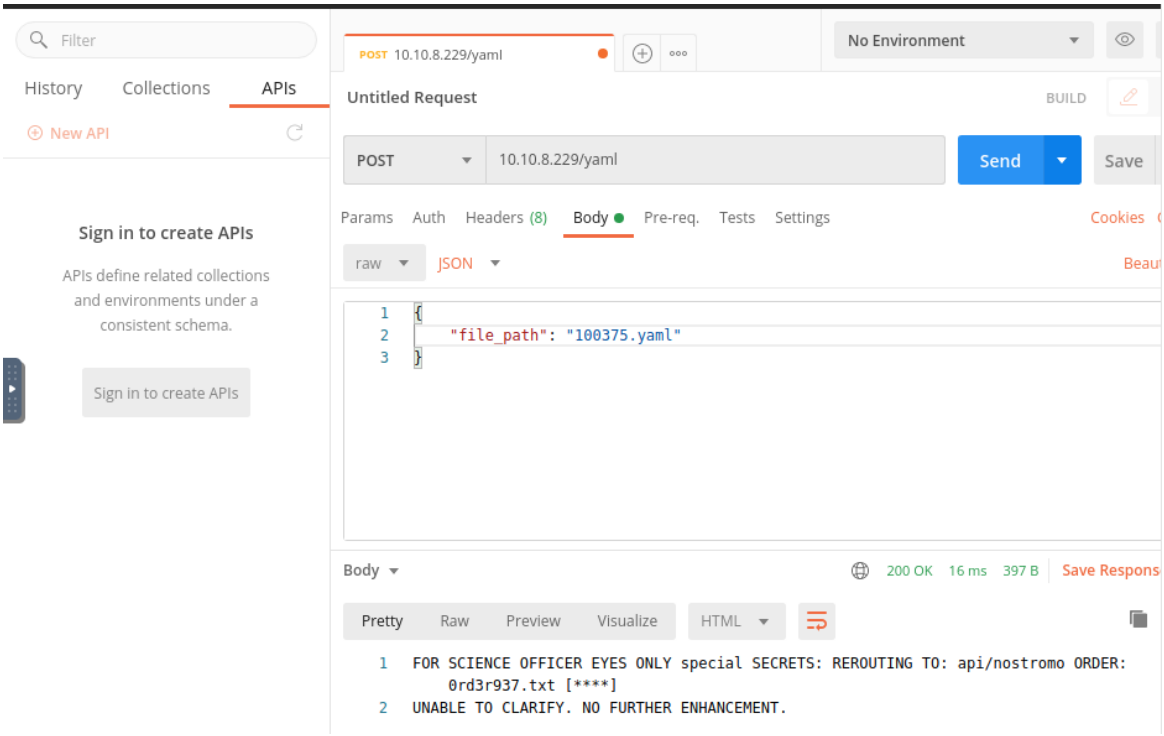


We receive an error which is match with line 24.

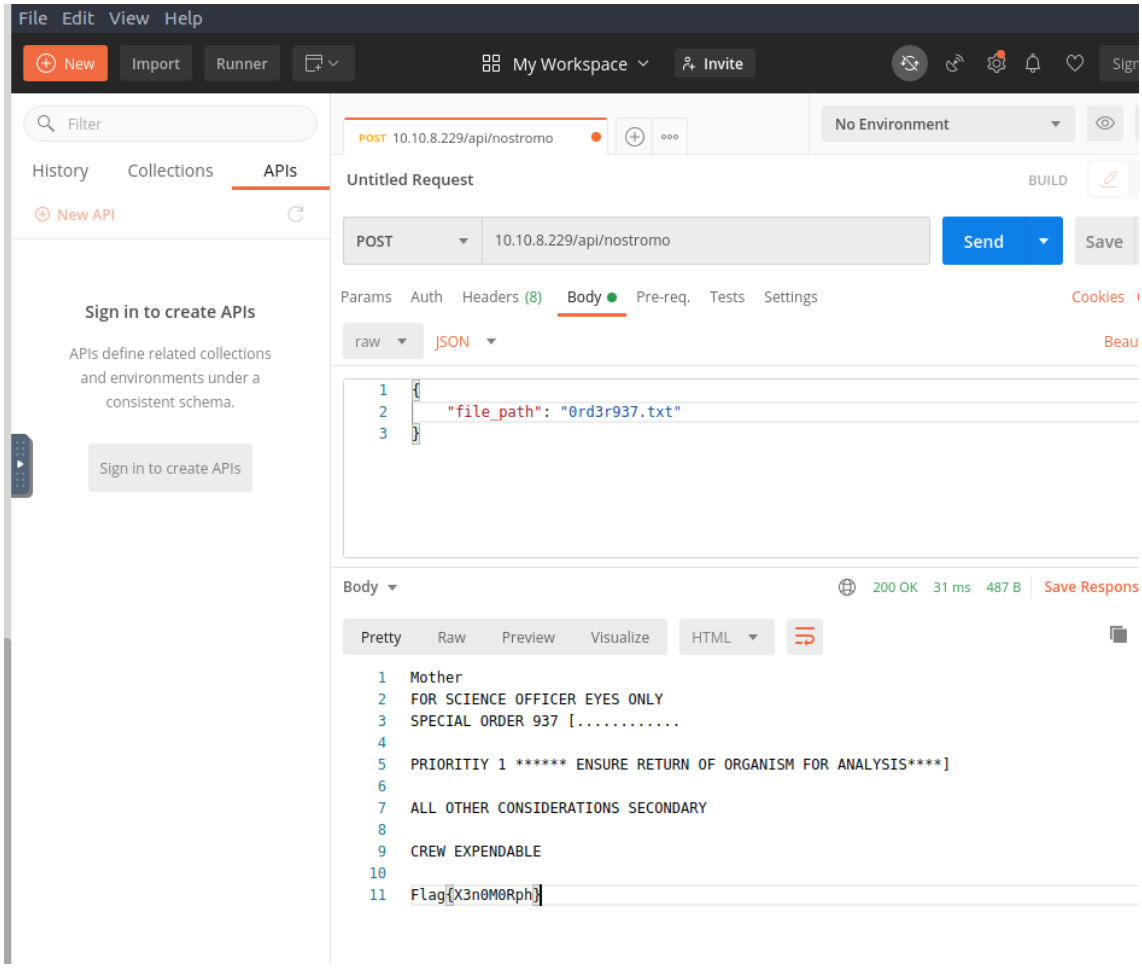
Reading and understanding code that:

- Receive **file_path** form the POST request through **body**
- the function **isYaml** check if a path that has a extension is **.yaml** or not.
- Read the path

➔ So we try to read a yaml file with the number above



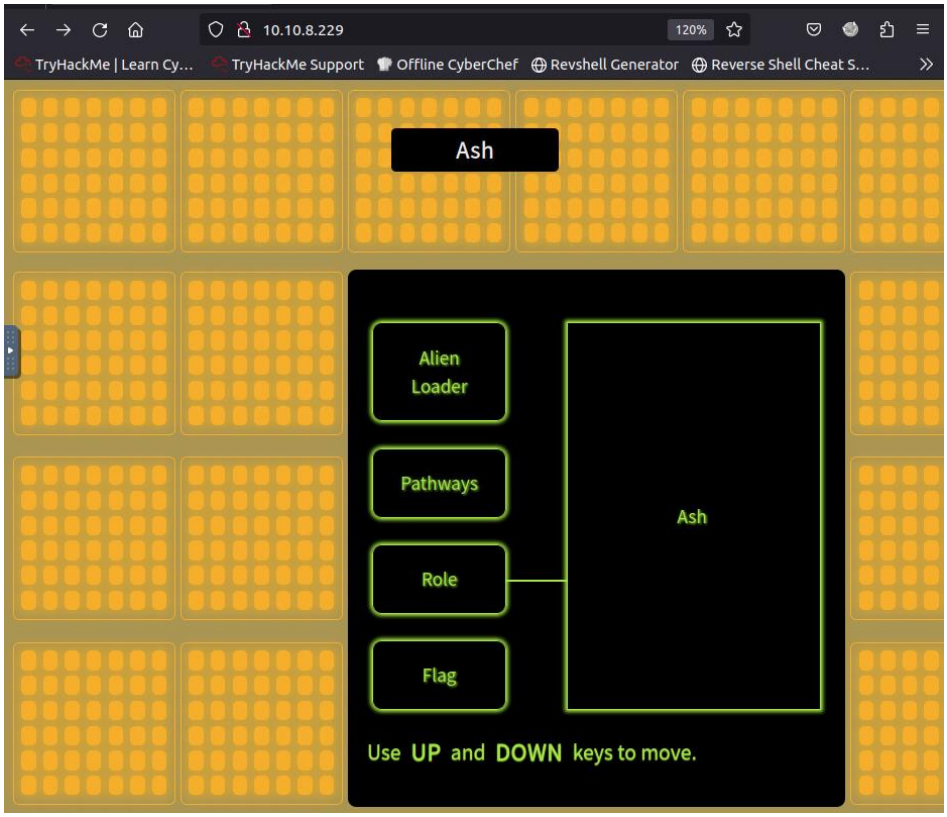
Make an other post request to **api/nostromo** with file_path= “0rd3r937.txt”



Answer: Flag{X3n0M0Rph}

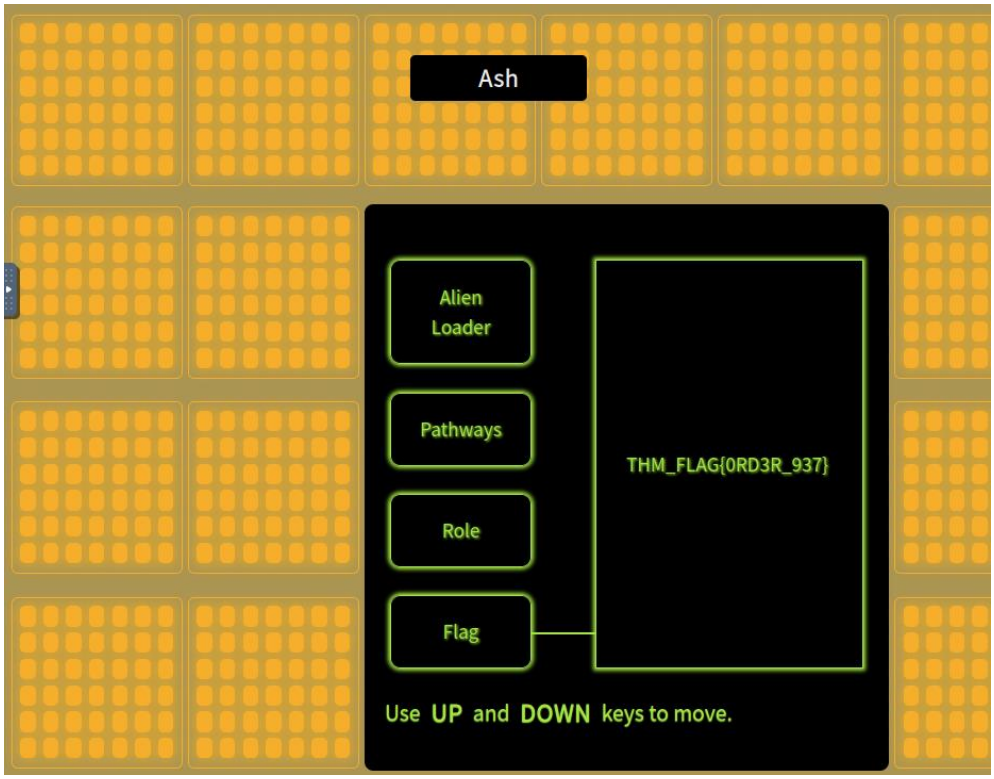
Question: What is the name of the Science Officer with permissions?

Go back to browser



Answer: Ash

Question: What are the contents of the classified "Flag" box?



Answer: THM_FLAG{0RD3R_937}

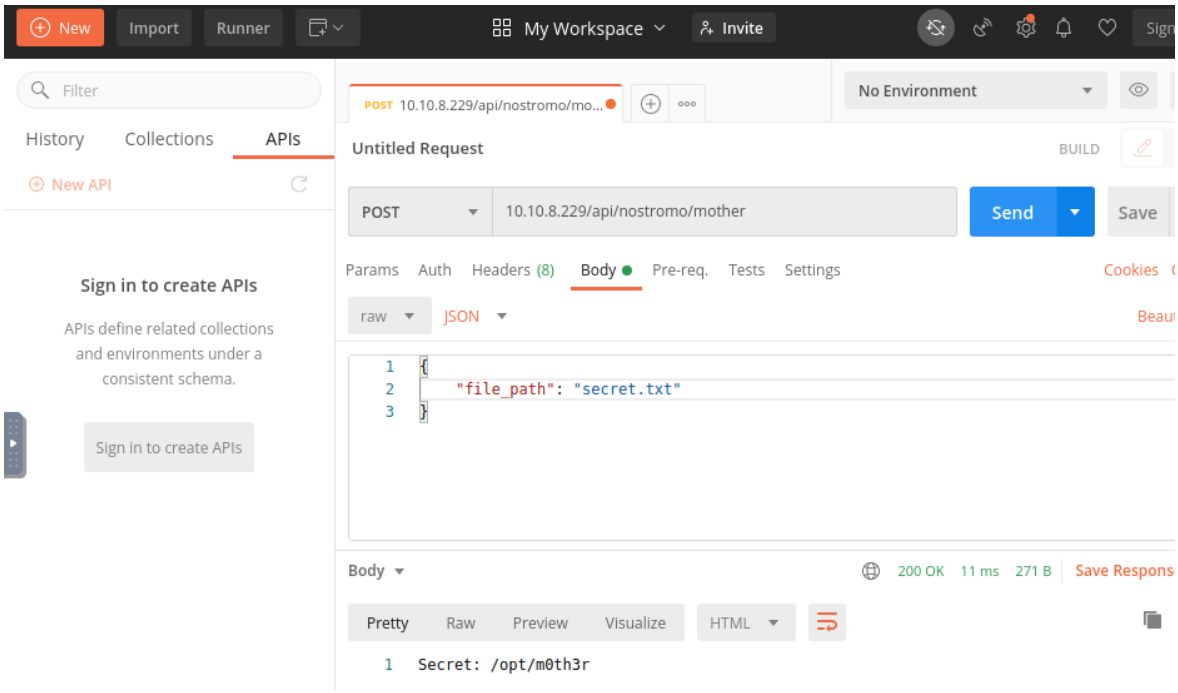
Where is Mother's secret?

Continue exploit code (needed to pass route **/yaml** and **/api/nostromo**) and using hint to read file **secret.txt**

```
81  Router.post("/nostromo/mother", (req, res) => {
82
83    let file_path = req.body.file_path;
84    const filePath = `./mother/${file_path}`;
85
86    if(!isNostromoAuthenticate || !isYamlAuthenticate){
87      res.status(500).json({
88        status: "Authentication failed",
89        message: "Kindly visit nostromo & yaml route first.",
90      });
91      return
92    }
93
94    fs.readFile(filePath, "utf8", (err, data) => {
95      if (err) {
96        res.status(500).json({
97          status: "error",
98          message: "Science Officer Eyes Only",
99        });
100       return;
101     }
102
103     res.status(200).send(data);
104
105     // attachWebSocket()
106     //   .of("/nostromo")
107     //   .emit("nostromo", "Nostromo data has been processed.");
108   });
109 });
110
111 export default Router;
112
```

Can you guess what is /api/nostromo/mother/secret.txt?

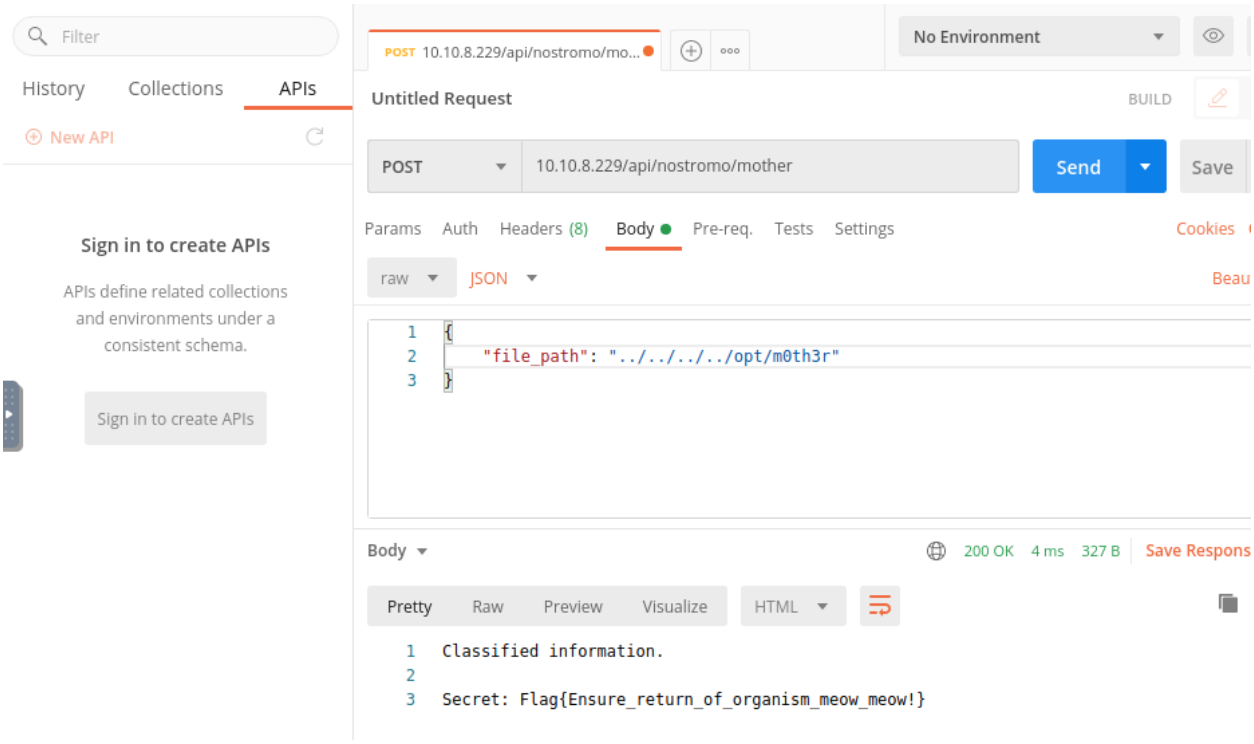
Hint for secret.txt



Answer: /opt/m0th3r

Question: What is Mother's secret?

Using **LFI** to get the file in folder **/opt/m0th3r**



Answer: Flag{Ensure_return_of_organism_meow_meow!}