

# JOB SPECIFICATION

**Position:** Senior Radar Analyst  
**Business unit:** UK Radar & Naval Solutions  
**Reporting to:** Engineering Software Security Manager  
**Location:** Enfield, United Kingdom

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## Job Scope

To provide analysis of radar and radar related systems.  
To produce new radar system design concepts.  
To develop models of current and future radar systems to enable design / performance parameters to be established.  
To provide technical assistance to other areas of Research and Development.

## Job Functions

- Develop mathematical models of radar and radar sub-systems using appropriate tools: MATLAB, Simulink, and Mathcad.
- Provide design data for hardware and software developers.
- Assist in the validation of developed hardware and software.
- Produce / assist in the production of detailed specifications to enable equipment to be developed.
- Conduct detailed analysis of radar performance, including on occasion, trials data and produce reports for internal and external customers.
- Design and develop digital signal processing algorithms.
- Liaise with sub-system suppliers to ensure performance criteria are met.
- Play a leading role in the development of new radar systems.
- Prepare and present technical papers to customers and external organisations.
- Travel within the UK and overseas is required and is considered a regular feature of this role. Requests could be made at short notice.
- Any other tasks associated with this role.

## Key Relationships:

- Extensive technical liaison within HENSOLDT UK and with customers, suppliers, and collaborators.

## Requirements.

- A Masters or Bachelor's Degree from a good university
- Experience with MATLAB and digital signal processing
- Working knowledge of Radar or closely related applications (e.g. Sonar, Image Processing, Comms)
- Proven record of leading analysis and design on time and within budget
- Self-motivated and enjoys working within a team
- Good command of written and verbal English

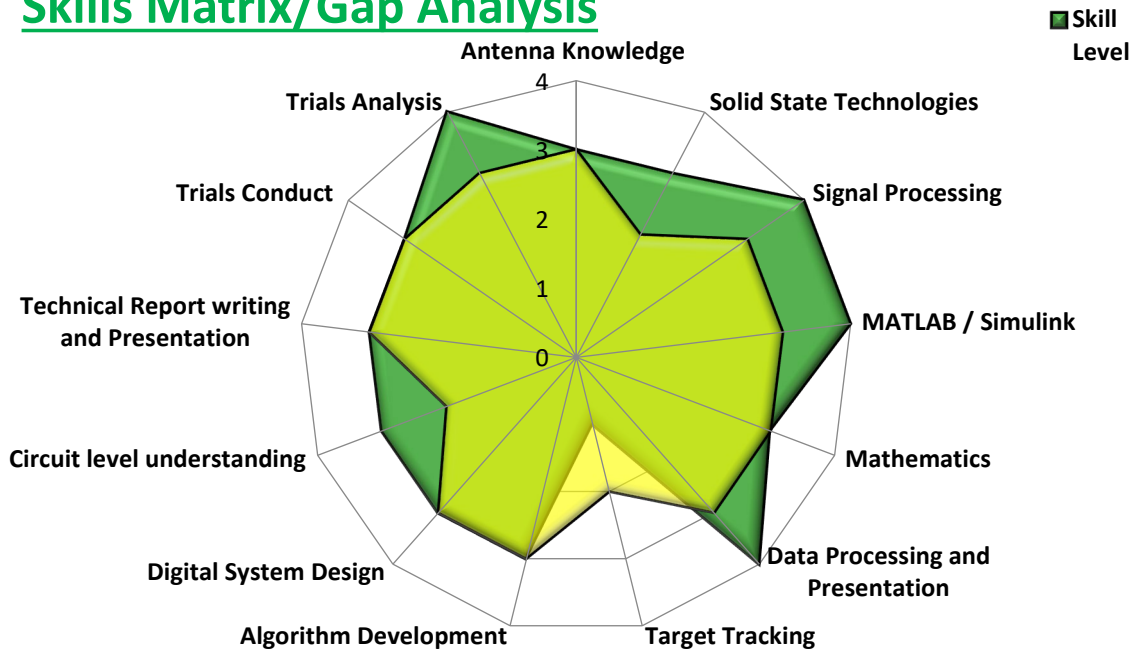
## Employee Health & Safety Compliance

- The job holder will be expected to comply with any reasonable operational instruction or procedures relating to Company policies, reporting and controls. Section 7 of the Health and Safety at Work Act 1974 provides a duty on every employee, while at work, to take reasonable care for the health and safety of themselves and of other persons who may be affected by their acts or omissions at work.
- It also places a duty on employees to cooperate with their employer so far as is necessary to enable their duties to be complied with including the appropriate use of personal protective equipment (PPE).
- Failure to comply with this duty may result in the Company invoking the disciplinary procedure.

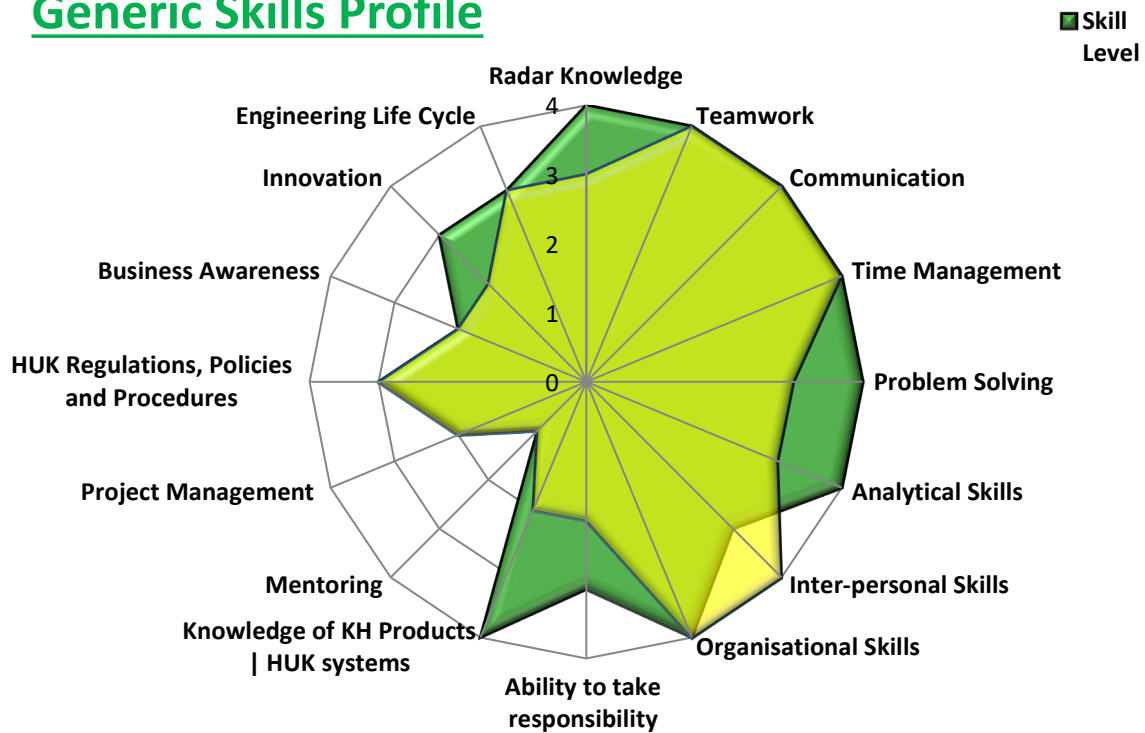
## About HENSOLDT UK

**HENSOLDT UK, formerly Kelvin Hughes, is a world leader in the development, manufacture and supply of maritime navigation and surveillance radar systems. HENSOLDT UK employs over 170 employees and are headquartered in Enfield, North London. The company sets the international standard in solid state radar sensor technology with SharpEye and its market leading navigation and tactical radar display systems.**

## Skills Matrix/Gap Analysis



## Generic Skills Profile



- Grading Systems:**
- 0 No knowledge**
  - 1 General low level of competency**
  - 2 Competent in some respects**
  - 3 Competent in most respects**
  - 4 Fully competent in all aspects**

<b><u>Authorised Job Spec.</u></b>	
<b>Job Holder:</b>	.....
<b>Date:</b>	.....
<b>Direct Report Manager:</b>	.....
<b>Date:</b>	.....
<b>10.05.24</b>	