

## POST REQUIREMENTS FORM

This form, duly completed, should be sent by e-mail to: [recruitment@nurc.nato.int](mailto:recruitment@nurc.nato.int)

<b>1. Name</b>	
<b>2. Position Title</b>	Scientist (Decision Support)
<b>3. Reference</b>	Vacancy 1/2012
<b>4. Position Number</b>	TRC RAX 0140
<b>5. Grade</b>	A-3
<b>6. Deadline</b>	21.05.2012

DEAR APPLICANT,

This form has been specifically designed to aid the NURC in assessing whether or not you meet the essential and desirable qualifications requirements of the aforementioned post as advertised. The form consists of 2 parts. Please make entries in all blocks in both parts.

- Part 1 lists the Essential Qualifications of the above post.  
In completing each block in part 1, please provide factual information stating how you meet the respective qualifications quoted. Help us understand your qualifications.  
**IMPORTANT:** If you do not fulfil MOST of the Essential Qualifications, we advise you not to proceed with your application.
- Part 2 lists the Desirable Qualifications of the above post.  
In completing each block in part 2, please either provide factual information stating how you meet the respective specific qualifications quoted or indicate that you do not meet it.

The form is to be completed electronically and forwarded to the NURC Personnel Division ([recruitment@nurc.nato.int](mailto:recruitment@nurc.nato.int)).

## PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

Expressions such as: "please see *attachment*", "*annex*", "*enclosed document*", "*CV*", or short answers as "*yes*", "*no*" etc., are not desired.

## PART 1 - ESSENTIAL QUALIFICATIONS AND EXPERIENCE

- |   |
|---|
| 1) A Master degree in operations research, mathematics, physics, engineering, acoustics, oceanography or a related discipline   |
| 2) A minimum of 4 years postgraduate experience in basic or applied research as a senior scientist or engineer  |
| 3) Demonstrated knowledge in fields related to physical sciences, information fusion, decision support systems, statistical signal processing, and/or autonomous maritime vehicles  |
| 4) Strong research record as evidenced by peer-reviewed publications and well-written technical reports.  |
| 5) Ability to communicate effectively orally and in writing.  |
| 6) Demonstrated leadership ability and experience in the management of research efforts (e.g., leading project teams).  |
| 7) Standard automated data processing knowledge (word processing, spreadsheet, graphics presentation, database, project management, eMail clients/browsers, web content management) |
| 8) English: Good SLP 3333 (listening, speaking, reading, and writing).  |

## PART 2 - DESIREABLE QUALIFICATIONS AND EXPERIENCE

- |   |
|---|
| 1) Experience with Bayesian methods and machine learning.               |
| 2) Experience with asset optimization and operations research.          |
| 3) Experience with human cognitive processes and knowledge elicitation. |



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INNOVATION

4) Professional experience with the development and delivery of Tactical Decision Aids for Submarine Warfare including the effects of the natural environment.

5) Professional experience with the development and delivery of Tactical Decision Aids for Surface Warfare including the effects of the natural environment.

6) Proven ability to plan and conduct sea/field trials

7) Doctorate (PhD) in a physical science, engineering, or operations research.

*"I understand that the information provided by me above will be used in determining my qualifications for possible employment with NURC. I realize that any false statement or omission even if unintended on my part may lead to the cancellation of my application or may render a future appointment liable to termination."*

NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_